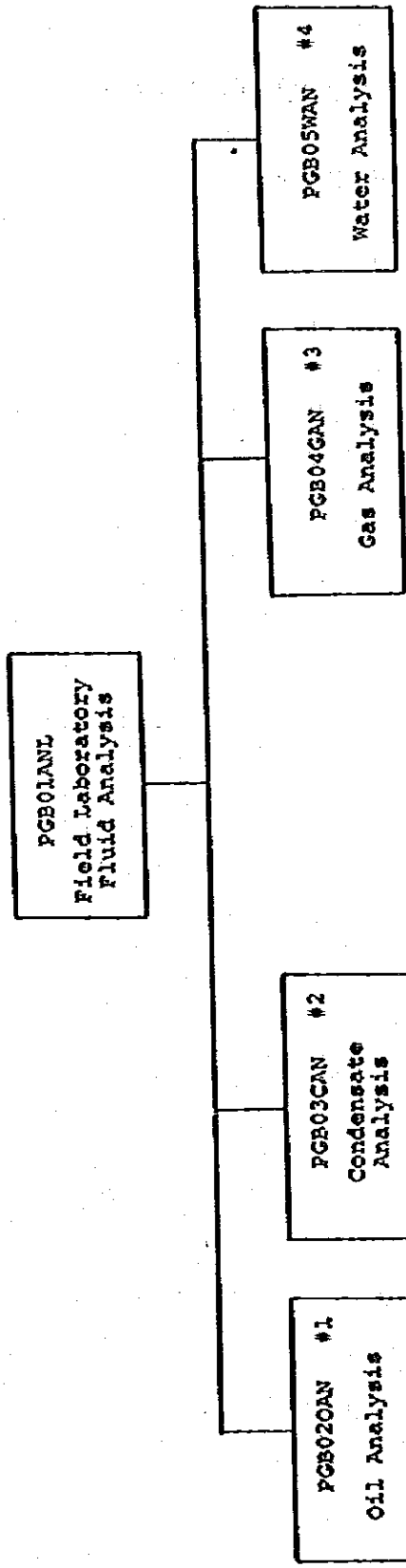
18 PGBFLUID, "Field Laboratory Fluid Analysis"



#1: This segment is applied to oil analysis.
#2: This segment is applied to condensate analysis.
#3: This segment is applied to gas analysis.
#4: This segment is applied to water analysis.

18-1 Segment Diagram of PGBFLUID, "Field Laboratory Fluid Analysis"

18-2 Data Format of PGBFLUID, "Field Laboratory Fluid Analysis"

(1) PGB01ANL, "Field Laboratory Fluid Analysis"

(2) PGB02OAN, "Oil Analysis"

(3) PGB03CAN, "Condensate Analysis"

(4) PGB04GAN, "Gas Analysis"

(5) PGB05WAN, "Water Analysis"

(1) PGB01ANL, "Field Laboratory Fluid Analysis" (1/2)

Item No.	Item Name	Field Name	Position	Properties	Remarks
1-	Analysis code [KEY]	ANAL-CD			To be coded as in APPENDIX IV
1	Kind of analysis	ANAL-KD	1	9(1)	To be coded as in APPENDIX IV 1. Oil analysis 2. Condensate analysis 3. Gas analysis 4. Water analysis
2	Sequence number	SEQ-NO	2	9(3)	
2	Province code	PROVINCE-CD	5	9(1)	To be coded as in APPENDIX IV
3	Area code	AREA-CD	6	9(2)	To be coded as in APPENDIX IV
4	Field office code	FLDOFFICE-CD	8	9(1)	To be coded as in APPENDIX IV
5	Field code	FIELD-CD	9	X(3)	To be coded as in APPENDIX IV
6	Station code	STATION-CD	12	X(6)	To be coded as in APPENDIX IV
7	Well code	WELL-CD	18	X(7)	To be coded as in APPENDIX IV
8	Workover number	WKOV-NO	25	9(2)	
9	Reservoir unit code	RESERV-CD	27	X(4)*10	To be coded as in APPENDIX IV
10	Layer code	LAYER-CD	67	X(3)*20	To be coded as in APPENDIX IV
11	Kind of sampling place	SAMPL-PLACE-KD	127	9(1)	To be coded as in APPENDIX IV 1. Wellhead 2. Production manifolds 3. Separator
12	Sampling date	SAMPL-DT	128	X(8)	Ex. YYYY.MM.DD
13-	Sampling condition	SAMPL-COND			
1	Pressure	SC-PRESS	136	9(4)V9(1)	[kg/cm^2]
2	Temperature	SC-TEMP	141	9(3)V9(1)	[°C]
14	Analysis date	ANAL-DT	145	X(8)	Ex. YYYY.MM.DD

(1) PCB01ANAL, "Field Laboratory Fluid Analysis" (2/2)

Item No.	Item Name	Field Name	Position	Properties	Remarks
15-	Reference report	REF-REP			
1	Title	REP-TL	153	X(150)	
2	Date	REP-DT	303	X(8)	Ex. YYYY.MM.DD
3	Reference No.	REP-REF-NO	311	X(20)	
4	Author	REP-AUTHOR	331	X(30)	
5	Organization of author	REP-AUTH-ORG	361	X(50)	

(2) PGB020AN, "Oil Analysis"

Item No.	Item Name	Field Name	Position	Properties	Remarks
1	API gravity	API-GRAV	1	9(2)V9(2)	[°API]
2	API pour point	API-POUR-PNT	5	9(2)V9(2)	[°C]
3	Water and sediment	WAT-SEDI	9	9(3)V9(2)	[%]
4	Water content	WAT-CONT	14	9(3)V9(2)	[%]

(3) PGB03CAN, "Condensate Analysis"

Item No.	Item Name	Field Name	Position	Properties	Remarks
1	API gravity	API-GRAV	1	9(2)V9(2)	[°API]
2	API pour point	API-POUR-PNT	5	9(2)V9(2)	[°C]
3	Water and sediment	WAT-SEDI	9	9(3)V9(2)	[%]
4	Water content	WAT-CONT	14	9(3)V9(2)	[%]

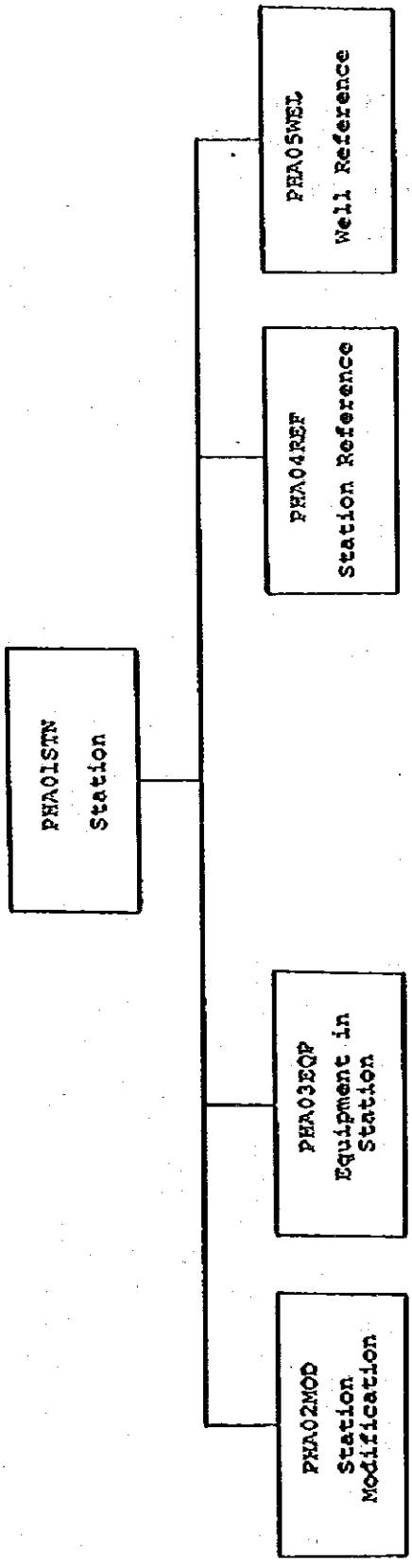
(4) PGB04GAN, "Gas Analysis"

Item No.	Item Name	Field Name	Position	Properties	Remarks
1	Specific gravity	SPEC-GRAV	1	9(2)V9(2)	[Air=1]
2-	Gas component	GAS-COMP			
1	H_2S	GC-H2S	5	9(3)V9(2)	[% vol]
2	CO_2	GC-CO2	10	9(3)V9(2)	[% vol]
3	O_2	GC-O2	15	9(3)V9(2)	[% vol]
4	N_2	GC-N2	20	9(3)V9(2)	[% vol]
5	C_1	GC-C1	25	9(3)V9(2)	[% vol]
6	C_2	GC-C2	30	9(3)V9(2)	[% vol]
7	C_3	GC-C3	35	9(3)V9(2)	[% vol]
8	iC_4	GC-IC4	40	9(3)V9(2)	[% vol]
9	nC_4	GC-NC4	45	9(3)V9(2)	[% vol]
10	iC_5	GC-IC5	50	9(3)V9(2)	[% vol]
11	nC_5	GC-NC5	55	9(3)V9(2)	[% vol]
12	C_{6+}	GC-C6P	60	9(3)V9(2)	[% vol]
13-	Other components	OTH-COMP		*3	
1	Name	OC-NM	65	X(5)	
2	Percentage	OC-PECNT	70	9(3)V9(2)	[% vol]
3	Gross heating value	GROS-HEATVAL	95	9(5)V9(2)	[Btu/scf]
4	Net heating value	NET-HEATVAL	102	9(5)V9(2)	[Btu/scf]
5	Net calorific value	NET-CALORVAL	109	9(5)V9(2)	[kg.cal/kg]

(5) PGB05WAN, "Water Analysis"

Item No.	Item Name	Field Name	Position	Properties	Remarks
1-	Component	COMPONENT			
1	Na^+	COM-NAP	1	9(4)V9(2)	[meq/ℓ]
2	K^+	COM-KP	7	9(4)V9(2)	[meq/ℓ]
3	Ca^{++}	COM-CAPP	13	9(4)V9(2)	[meq/ℓ]
4	Mg^{++}	COM-MGPP	19	9(4)V9(2)	[meq/ℓ]
5	Ba^{++}	COM-BAPP	25	9(4)V9(2)	[meq/ℓ]
6	Fe^{++}	COM-FEPP	31	9(4)V9(2)	[meq/ℓ]
7	Cl^-	COM-CLM	37	9(4)V9(2)	[meq/ℓ]
8	HCO_3^-	COM-HCO3M	43	9(4)V9(2)	[meq/ℓ]
9	$SO_4^=$	COM-SO4E	49	9(4)V9(2)	[meq/ℓ]
10	$CO_3^=$	COM-CO3E	55	9(4)V9(2)	[meq/ℓ]
2	Salinity	SALINITY	61	9(6)	[Ωm]
3	Resistivity	RESIST	67	9(2)V9(2)	
4	PH	PH	71	9(3)V9(2)	[ppm]
5	Scaling index	SCALING-IX	76	9(3)V9(2)	[ppm]
6	Suspended solid	SUSP-SOL	81	9(6)	
7	Discolved solid	DISCOL-SOL	87	9(6)	

19 PHASTATN, "Station"



19-1 Segment Diagram of PHASTATN, "Station"

19-2 Data Format of PHASTATN, "Station"

(1) PHA01STN, "Station"
(2) PHA02MOD, "Station Modification"
(3) PHA03EQP, "Equipment in Station"
(4) PHA04REF, "Station Reference"
(5) PHA05WEL, "Well Reference"

(1) PHA0ISTN, "Station" (1/2)

Item No.	Item Name	Field Name	Position	Properties	Remarks
1-	Station code [KEY]	STATION-CD			To be coded as in APPENDIX IV
1	Facilities field code	FFIELD-CD	1	X(2)	To be coded as in APPENDIX IV
2	Kind of station	STAT-KD	3	9(2)	To be coded as in APPENDIX IV See NOTE 1 in page AIII-199
3	Sequence number	SEQ-NO	5	9(2)	
2	Province code	PROVINCE-CD	7	9(1)	To be coded as in APPENDIX IV
3	Field office code	FLDOFFICE-CD	8	9(1)	To be coded as in APPENDIX IV
4	Date of station delivery	STAT-DLV-DT	9	X(6)	Ex. YYYY.MM
5	Date of operation start-up	OPSTUP-DT	15	X(6)	Ex. YYYY.MM
6	Location name	LOCATION-NM	21	X(50)	
7-	Function and capacity	FUNC-CAPAC	71	*5	See NOTE 2 in page AIII-200
1	Main function	MAIN-FUNC		9(2)	To be coded as in APPENDIX IV
2	Design capacity	DESIGN-CAPAC	73	9(8)*3	
8-	Document	DOCMNT		*5	Meaning of index 1. Flow diagram 2. Plot plan 3. Drawing of piping 4. Order document 5. Invoice
1	Title	DO-TL	201	X(60)	
2	Date	DO-DT	261	X(8)	Ex. YYYY.MM.DD
3	Ident. No.	DO-IDNO	269	X(9)	

(1) PHA01STN, "Station" (2/2)

Item No.	Item Name	Field Name	Position	Properties	Remarks
9-	Station cost	STATION-CT		*9	Meaning of index (1~4 ... PERTAMINA cost 5~9 ... Contractor cost) 1. Material 2. Wages 3. Rental 4. Sundries 5. Material 6. Construction 7. Mobilization 8. Engineering 9. Sundries
1	Rp	STATION-RP-CT	586	9(10)	[Rp]
2	US$	STATION-US-CT	596	9(8)	[US$]

NOTE 1. Kind of Station

Code		Abbreviation
01	Block station	BS
02	Gathering station	GS
03	Central station	CTS
04	Heater station	HTS
05	Compressor station	CS
06	Booster pump station	BPS
07	Storage station	STS
08	Final delivery point	FDP
09	Dehydration station	DHS
10	Metering station	MTS
11	Power station	PWS
12	Telemetering station	TMS
13	Other station	OTS

NOTE 2. Function and Capacity of Station

Code	Function Name	Capacity (Design) (1)	(2)	(3)
01	Separation	Liquid m^3/d 9(5)	Gas std m^3/d 9(8)	
02	Storage	Liquid m^3 9(6)		
03	Pumping	Liq. Prod. *1 m^3/d 9(5)	Water Inj. *2 m^3/d 9(5)	
04	Compression	Gas Deliv. *3 std m^3/d 9(6)	Gas Lift std m^3/d 9(6)	Gas Inj. *2 std m^3/d 9(6)
05	Sweetening	Gas Treat. *4 std m^3/d 9(6)		
06	Dehydration	Gas Treat. *4 std m^3/d 9(6)		
07	Heating	Oil & Gas *5 kcal/h 9(8)		
08	W. Water Tr. *6	Water Tr. *7 m^3/d 9(5)		
09	Metering	Gas std m^3/d 9(6)		
10	Power	Elect. Power *8 kW 9(6)		

Note. *1 Liquid Production
*2 Injection
*3 Delivery
*4 Treated
*5 Oil & Gas Heated
*6 Waste Water Treatment
*7 Water Treated
*8 Electric Power

(2) PHA02MOD, "Station Modification"

Item No.	Item Name	Field Name	Position	Properties	Remarks
1	Modification No. [KEY]	MOD-NO	1	9(3)	
2	Modification period	MOD-PD	4	X(16)	Ex. YYYY.MM.DD-YYYY.MM.DD
3-	Executor	EXECUTOR			
1	Kind of organization	EX-ORG-KD	20	19(1)*2	To be coded as in APPENDIX IV 1. PERTAMINA 2. Other
2	Name of organization	EX-ORG-NM	22	X(30)	
4-	Modification cost	MOD-CT			
1	Rp	MOD-RP-CT	52	9(10)	[Rp]
2	US$	MOD-US-CT	62	9(8)	[US$]
5-	Document	DOCUM		*3	Meaning of index 1. Invoice 2. Order document 3. Report
1	Title	DOCUM-TL	70	X(60)	
2	Date	DOCUM-DT	130	X(8)	Ex. YYYY.MM.DD
3	Ident. No.	DOCUM-IDNO	138	X(9)	

(3) PHA03EOP, "Equipment in Station"

Item No.	Item Name	Field Name	Position	Properties	Remarks
1	Equipment code [KEY]	EQU-CD	1	X(5)	To be coded as in APPENDIX IV

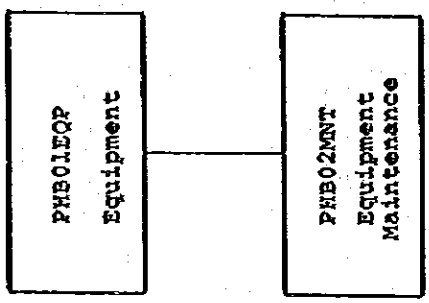
(4) PHA04REF, "Station Reference"

Item No.	Item Name	Field Name	Position	Properties	Remarks
1	Station code [KEY]	STATION-CD	1	X(6)	To be coded as in APPENDIX IV

(5) PHA05WEL, "Well Reference"

Item No.	Item Name	Field Name	Position	Properties	Remarks
1	Well code [KEY]	WELL-CD	1	X(7)	To be coded as in APPENDIX IV

20 PHBEQUIP, "Equipment"



20-1 Segment Diagram of PHBEQUIP, "Equipment"

20-2 Data Format of PHBEQUIP, "Equipment"

(1) PHB01EQP, "Equipment"

(2) PHB02MNT, "Equipment Maintenance"

(1) PHB01EQP, "Equipment" (1/14)

Item No.	Item Name	Field Name	Position	Properties	Remarks
1-	Equipment code [KEY]	EQU-CD			To be coded as in APPENDIX IV
1	Kind of equipment	EQU-KD	1	X(2)	To be coded as in APPENDIX IV See NOTE 1 in page AIII-221
2	Sequence number	SEQ-NO	3	9(3)	
2	Province code	PROVINCE-CD	6	9(1)	To be coded as in APPENDIX IV
3	Field office code	FLDOFFICE-CD	7	9(1)	To be coded as in APPENDIX IV
4	Station code	STAT-CD	8	X(6)	To be coded as in APPENDIX IV
5	System code	SYSTEM-CD	14	X(2)	To be coded as in APPENDIX IV See NOTE 2 in page AIII-222
6	Equipment popular name	EQU-POP-NM	16	X(20)	Ex. Water injection pump
7	Equipment object no.	EQU-OBNO	36	X(7)	Currently used in PERTAMINA
8	Manufacturer code	MANUFAC-CD	43	X(5)	To be coded as in APPENDIX IV
9	Date of installation	INST-DT	48	X(6)	Ex. YYYY.MM
10	Date of writing-off	WRIT-OFF-DT	54	X(6)	Ex. YYYY.MM
11	Code of equipment associated	EQU-ASS-CD	60	X(5)	In case of machinery, equipment code of the prime mover will be described, and in case of prime mover, equipment code of the machinery driven will be described.
12-	Equipment cost	EQU-CT			
1	Rp	EQU-RP-CT	65	9(10)	[Rp]
2	US$	EQU-US-CT	75	9(8)	[US$]
13-	Document	DOCUM		*3	1. Invoice 2. Order document 3. Drawing
1	Title	DOCUM-TL	83	X(60)	
2	Date	DOCUM-DT	143	X(8)	Ex. YYYY.MM.DD
3	Ident. No.	DOCUM-IDNO	151	X(9)	

(1) PHB01EQP, "Equipment" (2/14)

Item No.	Item Name	Field Name	Position	Properties	Remarks
14-	Specification in case of separator				
1	Type of vessel	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Horizontal cylinder 2. Vertical cylinder 3. Sphere
2	Model name	MODEL-NM	315	X(20)	
3	Name of fluid treated	FLUID-NM	335	X(30)	
4	Volume of vessel	VOL	365	9(3)V9(1)	[m^3]
5-	Flow rate of fluid	FLUIDT-FRATE			
1	Liquid	FFR-LQD	369	9(4)V9(1)	[m^3/d]
2	Gas	FFR-GAS	374	9(8)	[std m^3/d]
6	Design pressure	DES-PRESS	382	9(3)V9(1)	[kg/cm^2G]
7	Dimension	DIMEN	386	X(40)	OD x S-S x WT
8	Filler	FILLER	426	X(224)	
15-	Specification in case of vessel tank				
1	Type of vessel	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Horizontal cylinder 2. Vertical cylinder 3. Sphere
2	Model name	MODEL-NM	315	X(20)	
3	Name of fluid storaged	FLUID-NM	335	X(30)	
4	Volume of vessel	VOL	365	9(3)V9(1)	[m^3]
5	Design pressure	DES-PRESS	369	9(3)V9(1)	[kg/cm^2G]
6	Dimension	DIMEN	373	X(40)	OD x S-S x WT
7	Filler	FILLER	413	X(237)	

(1) PHB01EQP, "Equipment" (3/14)

Item No.	Item Name	Field Name	Position	Properties	Remarks
16-	Specification in case of absorber				
1	Kind of absorber	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Amine 2. Glycol 3. Other (ADIP, Sulfinol, etc.)
2	Model name	MODEL-NM	315	X(20)	
3	Name of fluid treated *1	FLUID-NM	335	X(30)	*1: Fluid treated for sweetening or dehydration
4	Flow rate of fluid treated *1	FLUIDT-FRATE	365	9(8)	[kg/h]
5-	Flow rate of matter absorbed	MATTERA-FRATE			
1	H_2S	FR-H2S	373	9(5)	[kg/h]
2	CO_2	FR-CO2	378	9(5)	[kg/h]
3	H_2O	FR-H2O	383	9(5)	[kg/h]
6	Flow rate of absorbent solution	ABSOL-FRATE	388	9(5)	[ℓ/min]
7	Design pressure	DES-PRESS	393	9(3)V9(1)	[kg/cm^2G]
8	Dimension	DIMEN	397	X(40)	
9	Filler	FILLER	437	X(213)	
17-	Specification in case of stripper				
1	Kind of absorbent	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Amine 2. Glycol 3. Other (ADIP, Sulfinol, etc.)
2	Model name	MODEL-NM	315	X(20)	
3	Name of fluid treated *1	FLUID-NM	335	X(30)	
4	Flow rate of fluid treated *1	FLUIDT-FRATE	365	9(8)	[kg/h]

(1) PHB01EQP, "Equipment" (4/14)

Item No.	Item Name	Field Name	Position	Properties	Remarks
17-5-	Flow rate of fluid stripped	FLUIDS-FRATE			
1	H_2S	FR-H2S	373	9(5)	[kg/h]
2	CO_2	FR-CO2	378	9(5)	[kg/h]
3	H_2O	FR-H2O	383	9(5)	[kg/h]
6	Flow rate of absorbent solution	ABSOL-FRATE	388	9(5)	[ℓ/min]
7	Design pressure	DES-PRESS	393	9(3)V9(1)	[kg/cm^{2}G]
8	Dimension	DIMEN	397	X(40)	OD x S-S x WT
9	Filler	FILLER	437	X(213)	
18-	Specification in case of filter				
1	Type of filter	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Netlike 2. Granular 3. Porous
2	Model name	MODEL-NM	315	X(20)	
3	Name of fluid treated	FLUID-NM	335	X(30)	
4-	Flow rate of fluid treated	FLUIDT-FRATE			
1	Liquid	FFR-LQD	365	9(6)	[m^3/d]
2	Gas	FFR-GAS	371	9(8)	[std m^3/d]
5	Solid name and solid concentration after filtration	SOLID-NM	379	X(40)	
6	Design pressure	DES-PRESS	419	9(3)V9(1)	[kg/cm^{2}G]
7	Dimension	DIMEN	423	X(40)	OD x S-S x WT
8	Filler	FILLER	463	X(187)	

(1) PHB01EQP, "Equipment" (5/14)

Item No.	Item Name	Field Name	Position	Properties	Remarks
19-	Specification in case of adsorber				
1	Kind of adsorbent	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Bauxite 2. Alumina 3. Silica 4. Molecular sieves 5. Carbon
2	Model name	MODEL-NM	315	X(20)	
3	Name of fluid treated	FLUID-NM	335	X(30)	
4	Flow rate of fluid treated	FLUIDT-FRATE	365	9(8)	[kg/h]
5-	Flow rate of fluid adsorbed	FLUIDA-FRATE			
1	H_2S	FR-H2S	373	9(5)	[kg/h]
2	CO_2	FR-CO2	378	9(5)	[kg/h]
6	Design pressure	DES-PRESS	383	9(3)V9(1)	[kg/cm^2G]
7	Dimension	DIMEN	387	X(40)	OD x S-S x WT
8	Filler	FILLER	427	X(223)	
20-	Specification in case of storage tank				
1	Type of storage tank	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Cone roof 2. Dome roof 3. Floating roof 4. Expansion roof 5. Water seal type 6. Dry seal type 7. Underground type

(1) PHB01EQP, "Equipment" (6/14)

Item No.	Item Name	Field Name	Position	Properties	Remarks
20-2	Method of plate combination	PLCOMB-METH	315	9(1)	To be coded as in APPENDIX IV 1. Welded 2. Bolted 3. Riveted
3	Model name	MODEL-NM	316	X(20)	
4	Name of fluid storaged	FLUID-NM	336	X(30)	
5	Volume of tank	VOL	366	9(6)V9(1)	[m^3]
6	Design pressure	DES-PRESS	673	9(3)V9(1)	[cm H_2OG]
7	Dimension	DIMEN	377	X(40)	OD x S-S x WT
8	Filler	FILLER	418	X(233)	
21-	Specification in case of heat exchanger				
1	Type of heat exchanger	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Shell and tube 2. Plate 3. Multi-tube 4. Double-pipe 5. Block
2	Model name	MODEL-NM	315	X(20)	
3	Design of two fluid sides	TFSIDE-DES		*2	Meaning of index 1. High temperature side 2. Low temperature side
1	Name of fluid exchanged heat	FLUID-NM	335	X(20)	
2	Design flow rate	DES-FRATE	355	9(5)	[m^3/h]
3	Design pressure	DES-PRESS	360	9(3)V9(1)	[kg/cm^2G]
4	Thermal duty	THERM-DUTY	393	9(8)	[kcal/h]
5	Heating surface area	HSUF-AREA	401	9(4)V9(1)	[m^2]

(1) PHB01EQP, "Equipment" (7/14)

Item No.	Item Name	Field Name	Position	Properties	Remarks
21-6	Dimension	DIMEN	406	X(40)	OD x S-S x WT
7	Filler	FILLER	446	X(204)	
22-	Specification in case of fired heater				
1	Type of fired heater	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Direct heater 2. Indirect water bath 3. Indirect salt bath
2	Model name	MODEL-NM	315	X(20)	
3	Name of fluid heated	FLUID-NM	325	X(30)	
4	Design flow rate	DES-FRATE	365	9(5)	[m^3/h]
5	Design pressure	DES-PRESS	370	9(3)V9(1)	[kg/cm^2G]
6	Thermal duty	THERM-DUTY	374	9(8)	[kcal/h]
7	Heating surface area	HSUF-AREA	382	9(4)V9(1)	[m^2]
8	Name of fuel	FUEL-NM	387	X(30)	
9	Dimension	DIMEN	417	X(40)	width x length x height
10	Filler	FILLER	457	X(193)	
23-	Specification in case of refrigerator				
1	Type of refrigerator	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Compression type 2. Absorption type
2	Model name	MODEL-NM	315	X(20)	
3	Name of fluid chilled	FLUID-NM	335	X(30)	
4	Design flow rate (brine)	DES-FRATE	365	9(3)V9(1)	[m^3/h]
5	Design pressure	DES-PRESS	369	9(3)V9(1)	[kg/cm^2G]
6	Thermal duty	THERM-DUTY	373	9(8)	[kcal/h]

(1) PHB01EQP, "Equipment" (8/14)

Item No.	Item Name	Field Name	Position	Properties	Remarks
23-7	Name of refrigerant	REFRI-NM	381	X(30)	
8	Total power	POWER	411	9(4)V9(1)	[kW] (of all machinery)
9	Installation area size	INST-AREA-SZ	416	X(30)	(width x length)
10	Filler	FILLER	446	X(204)	
24-	Specification in case of pump				
1	Type of pump	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Centrifugal 2. Mixed flow 3. Axial flow 4. Reciprocating 5. Volumetric rotary 6. Regenerative 7. Other
2	Model name	MODEL-NM	315	X(20)	
3	Name of fluid pumped	FLUID-NM	335	X(30)	
4	Flow rate	FRATE	365	9(5)V9(3)	[m^3/h]
5	Total difference head	TDIFF	373	9(3)V9(1)	[kg/cm^2]
6	Power	POWER	377	9(4)V9(1)	[kW]
7	Speed	SPEED	382	9(5)	See NOTE 3 in page AIII-223 [rpm] or [spm]
8	Dimension	DIMEN	387	X(40)	width x length x height
9	Filler	FILLER	427	X(223)	

(1) PUB01EQP, "Equipment" (9/14)

Item No.	Item Name	Field Name	Position	Properties	Remarks
25-	Specification in case of compressor				
1	Type of compressor	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Axial flow 2. Centrifugal (Radial or Turbo) 3. Volmetric rotary 4. Reciprocating
2	Model name	MODEL-NM	315	X(20)	
3	Name of fluid compressed	FLUID-NM	335	X(30)	
4	Flow rate	FRATE	365	9(7)	[std m^3/h]
5	Total difference pressure	TDIFF	372	9(3)V9(1)	[kg/cm^2]
6	Power	POWER	376	9(4)V9(1)	[kW]
7	Speed	SPEED	381	9(5)	[rpm] or [spm]
8	Dimension	DIMEN	386	X(40)	width x length x height
9	Filler	FILLER	426	X(224)	
26-	Specification in case of generator				
1	Type of generator	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. A.C. 2. D.C.
2	Model name	MODEL-NM	315	X(20)	
3	Object of service	SERV-OB	335	X(30)	
4	Output capacity	POWER	365	9(5)	[kVA]
5	Voltage	VOLTAGE	370	9(4)	[v]
6	Phase	PHASE	374	9(1)	
7	Frequency	FREQ	375	9(2)	[Hz]
8	Dimension	DIMEN	377	X(40)	width x length x height
9	Filler	FILLER	417	X(233)	

(1) PHB01EQP, "Equipment" (10/14)

Item No.	Item Name	Field Name	Position	Properties	Remarks
27-	Specification in case of fan or blower				
1	Type of fan or blower	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Axial flow 2. Centrifugal (Radial, Turbo or Cascade) 3. Volumetric rotary
2	Model name	MODEL-NM	315	X(20)	
3	Name of fluid blown	FLUID-NM	335	X(30)	
4	Flow rate	FRATE	365	9(7)	[std m^3/h]
5	Total difference head	TOTAL-DIFF-HED	372	9(4)V9(1)	[cm H_2O]
6	Power	POWER	377	9(4)V9(1)	[kW]
7	Speed	SPEED	382	9(5)	[rpm]
8	Dimension	DIMEN	387	X(40)	width x length x height
9	Filler	FILLER	427	X(223)	
28-	Specification in case of agitator				
1	Type of agitator	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Propeller 2. Turbine 3. Paddle 4. Other
2	Model name	MODEL-NM	315	X(20)	
3	Name of fluid mixed	FLUID-NM	335	X(30)	
4	Volume of vessel or tank/ each agitator	VOL	365	9(5)	[m^3/each]
5	Power	POWER	370	9(3)	[kW]
6	Speed	SPEED	373	9(5)	[rpm]
7	Dimension	DIMEN	378	X(40)	(agitator dia x shaft length)
8	Filler	FILLER	418	X(232)	

(1) PHB01EQP "Equipment" (11/14)

Item No.	Item Name	Field Name	Position	Properties	Remarks
29-	Specification in case of electric motor				
1	Type of motor	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Induction 2. Synchronous 3. Other
2	Model name	MODEL-NM	315	X(20)	
3	Object of service	SERV-OB	335	X(30)	
4	Power	POWER	365	9(5)	[kW]
5	Speed	SPEED	370	9(5)	[rpm]
6	Voltage	VOLTAGE	375	9(4)	[v]
7	Phase	PHASE	379	9(1)	
8	Frequency	FREQ	380	9(2)	[Hz]
9	Insulation	INSL	382	X(30)	
10	Dimension	DIMEN	412	X(40)	width x length x height
11	Filler	FILLER	452	X(198)	
30-	Specification in case of ignition engine				
1	Type of engine	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Gas engine 2. Petrol engine 3. Diesel engine 4. Gasoline engine
2	Model name	MODEL-NM	315	X(20)	
3	Object of service	SERV-OB	335	X(30)	
4	Power	POWER	365	9(4)V9(1)	[kW]
5	Speed	SPEED	370	9(5)	[rpm]
6	Name of fuel	FUEL-NM	375	X(30)	

(1) PHB01EQP, "Equipment" (12/14)

Item No.	Item Name	Field Name	Position	Properties	Remarks
30-7	Dimension	DIMEN	405	X(40)	width x length x height
8	Filler	FILLER	445	X(205)	
31-	Specification in case of steam engine				
1	Type	TY-KD	314	9(1)	No. of cylinder
2	Model name	MODEL-NM	315	X(20)	
3	Object of service	SERV-OB	335	X(30)	
4	Power	POWER	365	9(4)V9(1)	[kW]
5	Speed	SPEED	370	9(5)	[rpm] or [spm]
6	Steam pressure	STEAM-PRESS	375	X(30)	
7	Dimension	DIMEN	405	X(40)	width x length x height
8	Filler	FILLER	445	X(205)	
32-	Specification in case of gas turbine				
1	Type of gas turbine	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Open cycle (internal combustion type)
2	Model name	MODEL-NM	315	X(20)	
3	Object of service	SERV-OB	335	X(30)	
4	Power	POWER	365	9(5)	[kW]
5	Speed	SPEED	370	9(5)	[rpm]
6	Name of fuel	FUEL-NM	375	X(30)	
7	Dimension	DIMEN	405	X(40)	width x length x height
8	Filler	FILLER	445	X(205)	

(1) PHB01EQP, "Equipment" (13/14)

Item No.	Item Name	Field Name	Position	Properties	Remarks
33-	Specification in case of steam turbine				
1	Type of steam turbine	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Curtis 2. Impulse (Rateau) 3. Reaction (Parsons) 4. Curtis-impulse 5. Curtis-reaction 6. Impulse-reaction 7. Curtis-impulse-reaction 8. Other
2	Model name	MODEL-NM	315	X(20)	
3	Objective of service	SERV-OB	335	X(30)	
4	Power	POWER	365	9(6)	[kW]
5	Speed	SPEED	371	9(5)	[rpm]
6	Steam pressure	STEAM-PRESS	376	X(30)	
7	Dimension	DIMEN	406	X(40)	width x length x height
8	Filler	FILLER	446	X(204)	
34-	Specification in case of fire fighting system				
1	Type of fire fighting system	TY-KD	314	9(1)	To be coded as in APPENDIX IV 1. Water extinguishing system 2. Foam extinguishing system (Air foam, high expansion foam, synthetic foam) 3. Dry chemical system 4. CO_2 or Halon system 5. Other

(1) PHB01EQP, "Equipment" (14/14)

Item No.	Item Name	Field Name	Position	Properties	Remarks
34-2	Model name	MODEL-NM	315	X(20)	
3-	Object of fire fighting	FFIGHT-OB			
1	Kind of fire	FIRE-KD	335	X(30)	
2	Area	AREA	365	X(100)	
4	Justification	JUSTIFIC	465	X(30)	
5	Fire fighting media	FFIGHT-MEDIA	495	X(40)	
6	Discharge nozzle or connection	DNOZZLE-CONNECT	535	X(80)	Ex. Air foam chamber, foam generator and foam hydrant
7-	Design flow rate/system	DES-FRATE-SYS			
1	Liquid	DS-LQD	615	9(5)	[ℓ/min] In case of form extinguishing system, use flow rate of solution
2	Power or gas	DS-POW-GAS	620	9(5)	[kg/min]
8	Duration of discharge corresponding to design flow rate	DDCS-DES-FRATE	625	9(3)V9(2)	[min]
9	Filler	FILLER	630	X(20)	

NOTE 1. Kind of Equipment

Code	Name	Abbreviation
01	Separator	SP
02	Vessel tank	VT
03	Absorber	AB
04	Stripper	SR
05	Filter	FL
06	Adsorber	AD
21	Storage tank	TK
31	Heat exchanger	HE
32	Fired heater	FH
33	Refrigerator	RF
41	Pump	PP
42	Compressor	CP
43	Generator	GN
44	Fan or blower	BL
45	Agitator	AG
51	Electric motor	EM
52	Ignition engine	IE
53	Steam engine	SE
54	Gas turbine	GT
55	Steam turbine	ST
91	Fire fighting system	FF

NOTE 2. System Code

The same system code is given to all equipment constituting one system (Ex. a fire fighting system) and the system's equipment is distinguished from others.

A proposal for system code is sequence-number (two digits) by equipment system in each station.

NOTE 3.

Type of pump	Unit
Reciprocating	[spm]
Other	[rpm]

(2) PHB02MNT, "Equipment Maintenance"

Item No.	Item Name	Field Name	Position	Properties	Remarks
1	Maintenance No. [KEY]	MAINT-NO	1	9(3)	
2	Work period	WK-PD	4	X(16)	Ex. YYYY.MM.DD-YYYY.MM.DD
3-	Executor	EXECUTOR			
1	Kind of organization	EX-ORG-KD	20	9(1)*2	To be coded as in APPENDIX IV 1. PERTAMINA 2. Other
2	Name of organization	EX-ORG-NM	22	X(30)	
4-	Kind of work	WK-KD			
1	Kind of inspection	WK-INSPEC-KD	52	9(2)*3	To be coded as in APPENDIX IV See NOTE 1 in page AIII-225
2	Kind of repair	WK-REPAIR-KD	58	9(1)	To be coded as in APPENDIX IV 1. Scheduled maintenance 2. Repair or renewal 3. Improvement
5	Result of inspection	INSPEC-RESUL	59	9(1)	To be coded as in APPENDIX IV 1. Good condition 2. Take more care 3. Repair 4. Overhaul as soon as possible 5. Write off
6-	Maintenance cost	MAINT-CT			
1	Rp	MAINT-RP-CT	60	9(10)	[Rp]
2	US$	MAINT-US-CT	70	9(8)	[US$]
7-	Report	REP			
1	Title	REP-TL	78	X(60)	
2	Date	REP-DT	138	X(8)	Ex. YYYY.MM.DD
3	Ident. No.	REP-IDNO	146	X(9)	

NOTE 1. Kind of Inspection

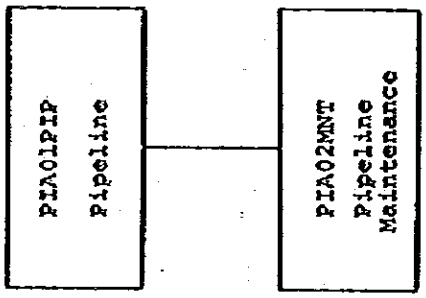
In case of vessel, tank and heat exchanger

1. Visual inspection and hammering test
2. Leak test
3. Hydrostatic test
4. Non-destructive inspection
5. Destructive inspection

In case of machinery and prime mover

6. Visual inspection
7. Clearance inspection
8. Leak test of seal
9. Alignment inspection for shaft and couplings
10. Running test

21 PIAPIPLN, "Pipeline"



21-1 Segment Diagram of PIAPIPLN, "Pipeline"

21-2 Data Format of PIAPIPLN, "Pipeline"

(1) PIA01PIP, "Pipeline"
(2) PIA02MNT, "Pipeline Maintenance"

(1) PIA01PIP, "Pipeline" (1/3)

Item No.	Item Name	Field Name	Position	Properties	Remarks
1-	Pipeline code [KEY]	PIP-CD			To be coded as in APPENDIX IV
1	Station code	STATION-CD	1	X(6)	To be coded as in APPENDIX IV
2	Sequence number	SEQ-NC	7	9(2)	
2	Province code	PROVINCE-CD	9	9(1)	To be coded as in APPENDIX IV At pipeline end point
3	Field office code	FLDOFFICE-CD	10	9(1)	To be coded as in APPENDIX IV At pipeline end point
4-	Starting point	START-PNT			
1	Station code	SP-STATION-CD	11	X(6)	To be coded as in APPENDIX IV
2	Well code	SP-WELL-CD	17	X(7)	To be coded as in APPENDIX IV
5	Date of installation	INST-DT	24	X(6)	Ex. YYYY.MM
6	Date of writing-off	WRIT-OFF-DT	30	X(6)	Ex. YYYY.MM
7	Objective at installation	INST-OB	36	9(1)	To be coded as in APPENDIX IV 1. Production 2. Injection
8-	Major data of pipeline	PIP-MAJDATA			
1	Nominal size	PMD-NOM-SZ	37	9(2)V9(3)	[in]
2	Length of pipeline	PMD-PIPLN	42	9(6)	[m]
3	Design pressure	PMD-DES-PRESS	48	9(4)V9(1)	[kg/cm^{2}G]
9-	Line pipe	LINE-PIP			
1	Kind of linepipe	LP-KD	53	9(2)	To be coded as in APPENDIX IV 1. Regular line pipe (unlined) 2. Cement-lined regular line pipe 3. Asbestos-cement pipe 4. Plastic pipe 5. Aluminium pipe

(1) PIA01PIP, "Pipeline" (2/3)

Item No.	Item Name	Field Name	Position	Properties	Remarks
9-2	Specification	LP-SPEC	55	X(30)	
10	Type of connection	CONNECT-TY	85	9(1)*2	To be coded as in APPENDIX IV 1. Welded 2. Screwed 3. Flanged
11	Type of valve	VALVE-TY	87	9(2)*3	To be coded as in APPENDIX IV 1. Gate 2. Ball 3. Plug 4. Glove 5. Check 6. Needle 7. Butterfly 8. Other
12-	Document	DOCUM		*3	Meaning of index 1. Drawing 2. Invoice 3. Order document
1	Title	DOCUM-TL	93	X(60)	
2	Date	DOCUM-DT	153	X(8)	Ex. YYYY.MM.DD
3	Ident. No.	DOCUM-IDNO	161	X(9)	
13-	Executor	EXECUTOR			
1	Kind of organization	EX-ORG-KD	324	9(1)*2	To be coded as in APPENDIX IV 1. PERTAMINA 2. Other
2	Name of organization	EX-ORG-NM	326	X(30)	

(1) PIA01PIP, "Pipeline" (3/3)

Item No.	Item Name	Field Name	Position	Properties	Remarks
14-	Pipeline cost	PIP-CT	*9		Meaning ofindex (1 ∿ 4.... PERTAMINA Cost 5 ∿ 9.... Contractor Cost) 1. Material 2. Wages 3. Rental 4. Sundries 5. Material 6. Construction 7. Mobilization 8. Engineering 9. Sundries
1	RP	PIP-RP-CT	356	9(10)	[Rp]
2	US$	PIP-US-CT	366	9(8)	[US$]

(2) PIA02MNT, "Pipeline Maintenance" (1/2)

Item No.	Item Name	Field Name	Position	Properties	Remarks
1	Maintenance No. [KEY]	MAINT-NO	1	9(3)	
2	Work period	WK-PD	4	X(16)	Ex. YYYY.MM.DD-YYYY.MM.DD
3-	Kind of work	WK-KD			
1	Kind of inspection	WK-INSPEC-KD	20	9(2)*3	To be coded as in APPENDIX IV See NOTE 1 in page AIII-233
2	Kind of repair	WK-REPAIR-KD	26	9(1)	To be coded as in APPENDIX IV 1. Scheduled maintenance 2. Repair or renewal 3. Improvement
4-	Executor	EXECUTOR			
1	Kind of organization	EX-ORG-KD	27	9(1)*2	To be coded as in APPENDIX IV 1. PERTAMINA 2. Other
2	Name of organization	EX-ORG-NM	29	X(30)	
5	Position of pipeline inspected and/or repaired	PIP-POSIT	59	X(300)	
6	Result of inspection	INSPEC-RESUL	359	9(1)	To be coded as in APPENDIX IV 1. Good condition 2. Take more care 3. Repair 4. Overhaul as soon as possible 5. Write off
7-	Document	DOCUM		*3	Meaning of index 1. Report 2. Invoice 3. Order document

(2) PIA02MNT, "Pipeline Maintenance" (2/2)

Item No.	Item Name	Field Name	Position	Properties	Remarks
7-1	Title	DOCUM-TL	360	X(60)	
2	Date	DOCUM-DT	420	X(8)	Ex. YYYY.MM.DD
3	Ident. No.	DOCUM-IDNO	428	X(9)	
8-	Maintenance cost	MAINT-CT			
1	Material Rp	MCT-MRP	591	9(10)	[Rp]
2	Material US$	MCT-MUS	601	9(8)	[US$]
3	Work Rp	MCT-WRP	609	9(10)	[Rp]
4	Work US$	MCT-WUS	619	9(8)	[US$]

NOTE 1. Kind of Inspection

In case of vessel, tank and heat exchanger

1. Visual inspection and hammering test
2. Leak test
3. Hydrostatic test
4. Non-destructive inspection
5. Destructive inspection

In case of machinery and prime mover

6. Visual inspection
7. Clearance inspection
8. Leak test of seal
9. Alignment inspection for shaft and couplings
10. Running test

APPENDIX IV

CODE SYSTEM

FOR

THE PETROLEUM EXPLORATION AND PRODUCTION DATA BANK SYSTEM OF PERTAMINA UNIT EP-II

INTRODUCTORY REMARKS

This APPENDIX refers to the code system in which codes are grouped into two code classes, Code-class A and Code-Class B as explained in Section 2 of Chapter 5 of the text.

The description of the Code-class A codes is made in Paragraph 1 and the description of the Code-class B codes made as in Paragraph 2. Internal codes coming up in the description of Code-class A are stored in the data base through the corresponding codes which are input or output. In Paragraph 2, code fromat on copy libraries is explained as in 2-2 together with the description as 2-1. The copy libraries are designed to avoid an unnecessary duplication in coding programs. "Field name" in code format on copy libraries is referred to APPENDIX III.

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PAGE

2. Code-Class B

PAGE

1. Code-Class A

(1) Field code

Code	Name	Abbreviation
(3)	(25)	(3)

Note: - Field name and abbreviation are stored and referred in field master according to field code.

- Field code involves prospect code.

- ATTACHMENT I of this APPENDIX shows the list of field and prospect of UNIT BP-II being reported.

(2) Facilities field code

Code	Name	Abbreviation
(2)	(25)	(3)

Note: - Facilities field name and abbreviation are stored and referred in field master according to facilities field code.

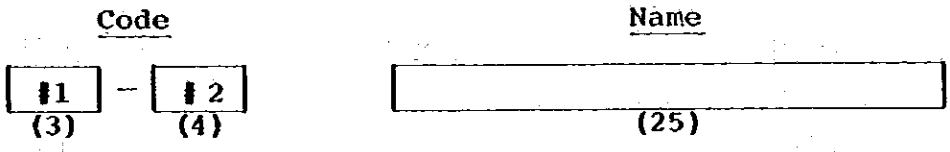
- ATTACHMENT II of this APPENDIX shows the list of facilities field of UNIT BP-II being reported.

(3) Station code

Code				Name		
#1 (2)	-	#3 (2)	- #5 (2)	#2 (3)	-	#4 (3) - #5 (2)

#1: Facilities field code
#2: Abbreviation of facilities field name
#3: Kind of station
#4: Abbreviation of kind of station
#5: Sequence-number

(4) Reservoir unit code



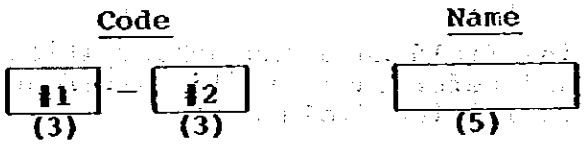
#1: Field code
#2: Reservoir unit code

Note: - Reservoir unit code must be used with field code.

- Reservoir unit name is stored and referred in zone master according to field code and reservoir unit code.

- ATTACHMENT III of this APPENDIX shows the list of reservoir unit of UNIT EP-II being reported.

(5) Layer code

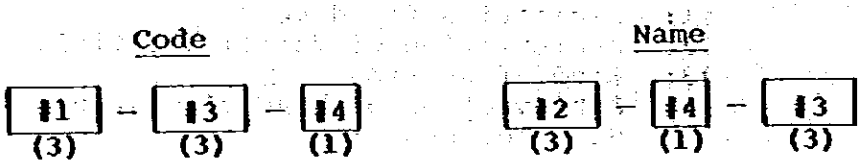


#1: Field code
#2: Layer code

Note: - Layer code must be used with field code.

- Layer name is stored and referred in zone master according to field code and layer code.

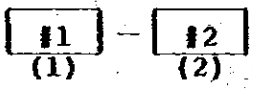
(6) Well code



#1: Field code
#2: Abbreviation of field name
#3: Number
#4: Identification

(7) Well status code

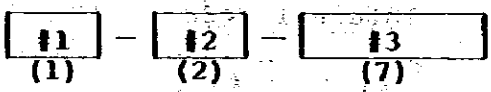
Code



#1: String specification
#2: Current status

(8) Map code

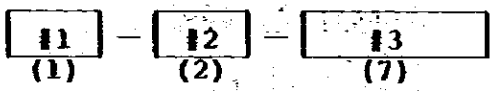
Code



#1: Group name (A ∿ I)
#2: Kind of map
#3: Reference-number

(9) Report code

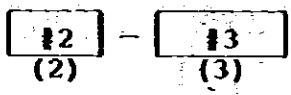
Code



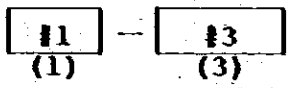
#1: Group name (A ∿ I)
#2: Kind of report
#3: Reference-number

(10) Contract code

Code



Internal code



#1: Kind of contract
#2: Abbreviation of kind of contract
#3: Sequence-number

(11) Geological survey code

Code			Internal code		
♯2 (3)	–	♯3 (3)	♯1 (2)	–	♯3 (3)

♯1: Kind of geological survey
♯2: Abbreviation of kind of geological survey
♯3: Sequence-number

(12) Geological analysis code

Code			Internal code		
♯2 (3)	–	♯3 (3)	♯1 (2)	–	♯3 (3)

♯1: Kind of geological analysis
♯2: Abbreviation of kind of geological analysis
♯3: Sequence-number

(13) Geophysical survey code

Code			Internal code		
♯2 (3)	–	♯3 (3)	♯1 (1)	–	♯3 (3)

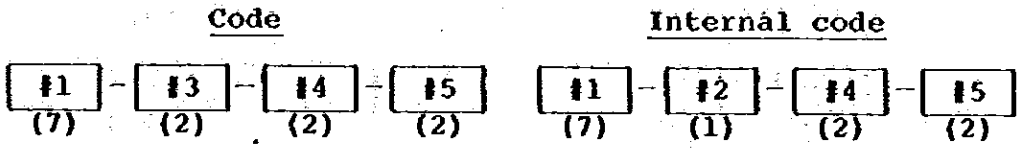
♯1: Kind of geophysical survey
♯2: Abbreviation of kind of geophysical survey
♯3: Sequence-number

(14) Petrophysical and PVT analysis code

Code			Internal code		
♯2 (3)	–	♯3 (3)	♯1 (1)	–	♯3 (3)

♯1: Kind of petrophysical and PVT analysis
♯2: Abbreviation of kind of petrophysical and PVT analysis
♯3: Sequence-number

(15) Well test and stimulation code



#1: Well code
#2: Kind of well test and stimulation
#3: Abbreviation of kind of well test and stimulation
#4: Sequence-number
#5: Date (YY)

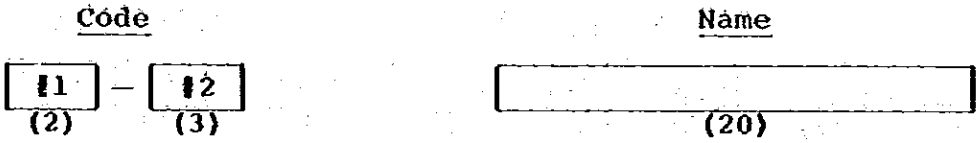
(16) Field laboratory fluid analysis code

#1: Kind of field laboratory fluid analysis
#2: Abbreviation of kind of field laboratory fluid analysis
#3: Sequence-number

(17) Equipment code

#1: Kind of equipment
#2: Abbreviation of kind of equipment
#3: Sequence-number

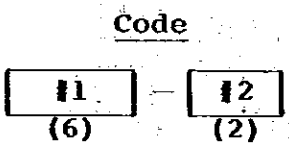
(18) Manufacturer code



#1: Country code
#2: Sequence-number

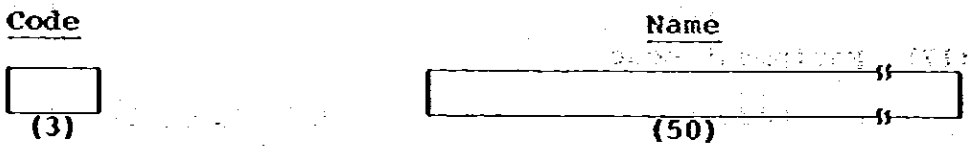
Note: Manufacturer name is stored and referred in company master according to manufacturer code.

(19) Pipeline code



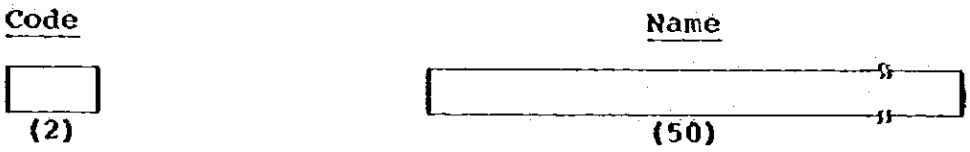
#1: Station code
#2: Pipeline number

(20) Operator code



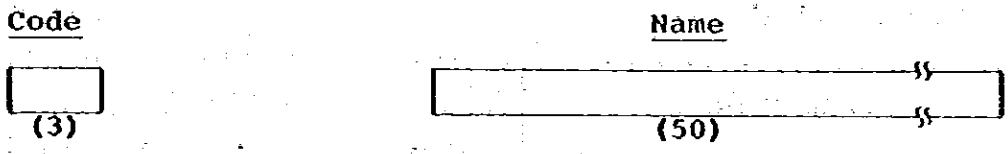
Note: Operator name is stored and referred in company master according to operator code.

(21) Company code



Note: Company name is stored and referred in company master according to company code.

(22) Contractor code



Note: Contractor name is stored and referred in company master according to contractor code.

2. Code-Class B

2-1 Code Description

2-1-0 Common (1/6)

No.	Code Name	Code	Full Name	Abbreviation
1	Province code	1	Jambi	JBI
		2	S. Sumatra	S.S
		3	W. Sumatra	W.S
		4	Riau	RAU
		5	Bengkulu	BKL
		6	Lampung	LPN
		7	W. Java	W.J
		8	W. Kalimantan	W.K
2	Area code	01	Kompleks Palembang Selatan	KPS
		02	Kompleks Palembang Tengah	KPT
		03	Musi Klingi	MSK
		04	Jambi	JBI
3	Field office code	1	Bajubang	
		2	Prabumulih	
4	Formation code	01	Kasai	KAF
		02	Muara Enim	MEF
		03	Air Benakat	ABF
		04	Gumai	GUF
		05	Batu Raja	BRF
		06	Talang Akar	TAF
		07	Lahat	LAF
		08	Basement	BAS
5	Completion status	1	Completed	COMPT
		2	Suspended	SUSPD
		3	Abandoned	ABAND

2-1-0 Common (2/6)

No.	Code Name	Code	Full Name	Abbreviation
6	String code	1	Short length tubing	SHORT
		2	Middle length tubing	MIDLE
		3	Long length tubing	LONG
		4	Annulus	ANULS
7	Kind of completed zone	1	Oil	
		2	Gas cap	
		3	Gas	
		4	Water	
8	String specification	1	Ordinary string	OS
		2	Rod pump	RP
		3	Submergible pump	SP
		4	Gas lift	GL
		5	Dump flood water injection	DW
		6	Powered water injection	PW
		7	Gas injection	GI
9	Current status	00	(Flowing)	
		01	Natural flowing	
		02	Pumping	
		03	Gas lifting	
		04	Injecting	
		10	(Shut-in)	
		11	Shut-in due to production or injection schedule	
		12	Shut-in due to well service	
		13	Shut-in due to surface repair	

2-1-0 Common (3/6)

No.	Code Name	Code	Full Name	Abbreviation
9	Current status (Cont'd)	14	Shut-in due to low pressure - waiting for BHP buildup -	
		15	Shut-in due to high gas-oil ratio	
		16	Shut-in due to high BS & W	
		20	(Waiting)	
		21	Waiting for facilities	
		21	Waiting for workover	
		22	Waiting for stimulation	
		23	Waiting for abandonment	
		30	Observation	
10	Type of reservoir content	1	Paraffine oil	
		2	Asphalt oil	
		3	Gas	
11	Site description	01	Tidal area	
		02	Swamp	
		03	Jungle	
		04	Open area with forest	
		05	Open area with natural grass	
		06	Desert	
		07	Hill with jungle	
		08	Hill with forest	
		09	Hill with natural grass	
		10	Mountain (gentle)	
		11	Mountain (steep)	
		12	Glacial area	

2-1-0 Common (4/6)

No.	Code Name	Code	Full Name	Abbreviation
11	Site description (Cont'd)	13	Offshore	
12	PERTAMINA or contractor	1	PERTAMINA	
		2	Contractor	
13	Kind of organization (for executor)	1	PERTAMINA	
		2	Other	
14	Kind of inspection (In case of vessel, tank, heat exchanger and pipe-line)	01	Visual inspection and hammering test	
		02	Leak test	
		03	Hydrostatic test	
		04	Non-destructive inspection	
		05	Destructive inspection	
	(In case of machinery and prime mover)	06	Visual inspection	
		07	Clearance inspection	
		08	Leak test of seal	
		09	Alignment inspection for shaft and coupling	
		10	Running test	
15	Kind of repair (In case of machinery and prime mover)	1	Scheduled maintenance	
		2	Repair or renewal	
		3	Improvement	
16	Result of inspection	1	Good condition	
		2	Take more care	
		3	Repair	
		4	Overhaul as soon as possible	
		5	Write off	

2-1-0 Common (5/6)

No.	Code Name	Code	Full Name	Abbreviation
17	Kind of injection fluid	1	Fresh water	
		2	Sea water	
		3	Formation water	
		4	Other kind of water	
		5	Wet gas	
		6	Dry gas	
		7	CO2	
		8	Air	
18	Filtration	1	With filtration	
		2	Without filtration	
19	Kind of additives	1	Scale inhibitor	
		2	Demulsifier	
		3	Bactericide	
		4	Surfactance	
		5	Corrosion inhibitor	
		6	Others	
20	Kind of station	01	Block station	BS
		02	Gathering station	GS
		03	Central station	CTS
		04	Heater station	HTS
		05	Compressor station	CS
		06	Booster pump station	BPS
		07	Storage station	STS
		08	Final delivery point	FDP
		09	Dehydration station	DHS
		10	Metering station	MTS

2-1-0 Common (6/6)

No.	Code Name	Code	Full Name	Abbreviation
20	Kind of station (Cont'd)	11	Power station	PWS
		12	Telemetering station	TMS
		13	Other station	OTS

2-1-1 A-Geological Data and Contract Area Information (1/6)

No.	Code Name	Code	Full Name	Abbreviation
1	Kind of contract	1	P.S. contract	PS
		2	Working contract	WK
		3	Joint venture	JV
		4	Technical assistance contract	TA
		5	Other contract	OC
2	Kind of geological survey	10	(Geological field)	(GPS)
		11	Regional mapping	RMS
		12	Structural mapping	SMS
		13	Stratigraphic mapping	STM
		14	Reconnaissance/sampling	RSS
		15	Other geological field	OGP
		20	(Photo-geological)	(PGP)
		21	Photo-geological	PHG
		22	Side looking airbone radar	SLR
		23	Other photogeological	RSP
		30	Other geological	OGS
3	Type of map, figure and report	1	Surveyed area map	
		2	Main map prepared by survey	
		3	Other map prepared by survey	
		4	Main figure prepared by survey	
		5	Other figure prepared by survey	
		6	Survey report	
		7	Other report	

2-1-1 A-Geological Data and Contract Area Information (2/6)

No.	Code Name	Code	Full Name	Abbreviation
4	Kind of geological analysis	10	(Geochemical)	(GCH)
		11	Geochemical	GCH
		20	(Paleontological)	(PLA)
		21	Foraminifera	FRA
		22	Pollen	POL
		23	Nanno-plankton	NNP
		24	Ostracoda	OST
		25	Other paleontological	OPL
		30	(Lithological)	(LTA)
		31	Carbonate rock	CBA
		32	Clastic rock	CRA
		33	Other lithological	OLA
		40	Other geological	OGA
5	Analysis subject	1	Area	
		2	Field	
		3	Well	
		4	Formation	
		5	Reservoir	
6	Kind of sample	1	Cutting	
		2	Conventional core	
		3	Side wall core	
		4	Surface rock	
7	Type of trap	1	Stractual	STC
		2	Stratigraphic	STG
		3	Combination	CMB
		4	Carbonate buildup (Reef)	REF
		5	Other	OTH

2-1-1 A-Geological Data and Contract Area Information (3/6)

No.	Code Name	Code	Full Name	Abbreviation
8	Type of figure and report	1	Main chart	
		2	Figure	
		3	Report	
9	Kind of analysis performed (In case of geochemical analysis)	01	Organic carbone	
		02	Extraction and fractionation	
		03	Kerogen typing	
		04	Gas chromatography	
		05	Gas and gasolines	
		06	Spore colouration	
		07	Vitrinite reflectivity	
		08	Thermal alteration index	
		09	E.S.R. maximum paleontemperature	
		10	Elemental	
		11	Pyrolysis	
		12	Other	
9	Kind of analysis performed (In case of lithological analysis)	01	Microscopic	
		02	Electron microscopic	
		03	Chemical	
		04	X-ray	
		05	Heavy mineral	
		06	Clay mineral	
		07	Seiving	
		08	Settling velocity method	
		09	Other	

2-1-1 A-Geological Data and Contract Area Information (4/6)

No.	Code Name	Code	Full Name	Abbreviation
10	Kind of map	10	(General)	
		11	Topographic	
		12	Contract area	
		13	Well location	
		14	Prospect and lead	
		15	Field location	
		16	Exploration activity	
		17	Areal photographic	
		18	Other general	
		20	(Geological information)	
		21	Geological	
		22	Tectonic	
		23	Facies	
		24	Geothermal	
		25	Geochemical	
		26	Other geological information	
		30	(Geological contour)	
		31	Structural contour	
		32	Isopach (Iso-Lith)	
		33	Other geological contour	
		40	(Reservoir information)	
		41	Production	
		42	Isoporosity	
		43	Isopermeability	
		44	Net oil isopach	
		45	Net gas isopach	

2-1-1 A-Geological Data and Contract Area Information (5/6)

No.	Code Name	Code	Full Name	Abbreviation
10	Kind of map (Cont'd)	46	Other reservoir information	
		50	(Cross-section)	
		51	Structural cross-section	
		52	Stratingraphic cross-section	
		53	Bio-stratigraphic cross-section	
		54	Other cross-section	
		60	(Chart/column)	
		61	Stratigraphic column/ well section	
		62	Paleontological distribution chart	
		63	Other chart	
		70	Other map and figure	
11	Kind of report	01	Monthly exploration	
		02	Annual exploration	
		03	Well resume	
		04	Drilling proposal	
		05	Drilling operation program	
		06	Paleontological	
		07	Field mapping	
		08	Photogeological	
		09	Prospect and lead	
		10	Geochemical analysis	
		11	Lithological analysis	
		12	Geological analysis	

2-1-1 A-Geological Data and Contract Area Information (6/6)

No.	Code Name	Code	Full Name	Abbreviation
11	Kind of report (Cont'd)	13	Log evaluation	
		14	Geological evaluation	
		15	Basin study and regional study	
		16	Special study	
		17	Work program and budget	
		18	Other geological	
		19	General	

2-1-2 B-Geophysical Data Information (1/4)

No.	Code Name	Code	Full Name	Abbreviation
1	Kind of geophysical survey and study	1	Seismic survey	SML
		2	Seismic survey	SMR
		3	Magnetic survey	MGN
		4	Gravity survey	GRV
		5	Well velocity survey	WVS
		6	Special study	SPS
2	Method of survey	1	Reflection	
		2	Refraction	
3	Recording system	1	Digital	
		2	Analogue	
4	Spread pattern	01	Split	
		02	End-off	
		03	Double split	
		04	Double end-off	
		05	Slalom line	
		06	T	
		07	L	
		08	Offset	
		09	Other	
5	Land, ship or air	1	Land	
		2	Ship	
		3	Air	
6	Kind of section	1	Unmigrated time section	
		2	Unmigrated depth section	
		3	Migrated time section	
		4	Migrated depth section	

2-1-2 B-Geophysical Data Information (2/4)

No.	Code Name	Code	Full Name	Abbreviation
7	Application of deconvolution	1	Done before stack (DBS)	
		2	Done after stack (DAS)	
		3	DBS & DAS	
		4	Without	
8	Migrated or unmigrated	1	Unmigrated	
		2	Migrated	
9	Kind of map	10	(Seismic map)	
		11	Shot point map	
		12	Time contour map	
		13	Interval time contour map	
		14	Depth contour map	
		15	Isopach map	
		16	Seismic section	
		17	Other map	
		20	(Magnetic map)	
		21	Location map	
		22	Residual field intensity map	
		23	Interpretation map	
		24	Other map	
		30	(Gravity map)	
		31	Location map	
		32	Bouguer anomaly map	
		33	Residual gravity map	
		34	Other map	
		40	Special study map	

2-1-2 B-Geophysical Data Information (3/4)

No.	Code Name	Code	Full Name	Abbreviation
10	Kind of report	10	(Seismic survey)	
		11	Seismic field operation	
		12	Seismic data processing	
		13	Seismic interpretation	
		20	(Magnetic survey)	
		21	Magnetic field operation	
		22	Magnetic data processing	
		23	Magnetic interpretation	
		30	(Gravity survey)	
		31	Gravity field operation	
		32	Gravity data processing	
		33	Gravity interpretation	
		40	Well velocity survey	
		50	Special study	
11	Horizon code	01	H-1, Brown	
		02	H-2, L. Green	
		03	H-3, Orange	
		04	H-4, Green	
		05	H-5, Blue	
		06	H-6, Yellow	
		07	H-7, L. Brown	
		08	H-8, Violet/Red	
12	Geological identification marker	01	Top of	
		02	Near top of	
		03	Upper	
		04	Middle of	

2-1-2 B-Geophysical Data Information (4/4)

No.	Code Name	Code	Full Name	Abbreviation
12	Geological identification marker (Cont'd)	05	Within	
		06	Base of	
		07	Lower	
		08	Correlated with	
		09	Approximately	
13	Synthetic seismogram	1	Run	
		2	Not	
14	Compression	1	Uncompressed	
		2	Compressed	
15	Type of map, section and report	1	Map	
		2	Section	
		3	Report	
16	Kind of survey procedure	1	Field operation	
		2	Data processing	
		3	Interpretation	

2-1-3 C-Well Data Information (1/7)

No.	Code Name	Code	Full Name	Abbreviation
1	Objective of well	1	Wild cat	WILD CAT
		2	Delineation and/or appraisal	DELIN/APPR
		3	Producer	PRODUCER
		4	Injector	INJECTOR
		5	Observatory	OBSERVTRY
2	Objective of workover	1	Recompletion by changing completed zone	RECOMP.CHG
		2	Recompletion by adding new completed zone	RECOMP.NEW
		3	Repair of completed zone by shut off	REPSHUTOFF
		4	Mechanical repair	REP.MECH
		5	Reopening	REOPENING
3	Vertical or deviated	1	Vertical	VERT
		2	Deviated	DVTD
4	Kind of deviation survey	1	TOTOCO	
		2	Magnetic	
		3	Gyro	
5	Wing valve configuration (Wellhead assembly)	1	Single	
		2	Double	

2-1-3 C-Well Data Information (2/7)

No.	Code Name	Code	Full Name	Abbreviation
6	Type of subsurface pump (Rod pump)	1	RWB	
		2	THE	
		3	TLE	
		4	RWT	
7	Gas anchor (Rod pump)	1	With gas anchor	
		2	Without gas anchor	
8	Type of surface pump (Rod pump)	1	Crank counter balance	CRANK
		2	Beam counter balance	BEAM
		3	Air balance	AIR
		4	Others	OTHER
9	Type of prime mover (Rod pump)	1	Electric-motor	ELECTRIC
		2	Gas engine	GAS
		3	Gasoline engine	GASOLINE
		4	Diesel engine	DIESEL
10	Gas separator (Submergible pump)	1	With gas separator	
		2	Without gas separator	
11	Macaroni pipe (Gas lift)	1	With macaroni pipe	With
		2	Without macaroni pipe	Without
12	Type of lifting (Gas Lift)	1	Continuous	
		2	Intermittent	
13	Type of installation	1	Open	
		2	Semiclosed	
		3	Closed	
		4	Chamber	
		5	Others	
14	Objective of perforation	1	Completion	

2-1-3 C-Well Data Information (3/7)

No.	Code Name	Code	Full Name	Abbreviation
14	Objective of perforation (Cont'd)	2	Squeeze cementing	
		3	Test	
		4	Others	
15	Status of perforation	1	Opened	
		2	Closed	
16	Type of mud	1	Fresh water base	FRSWATBS
		2	Salt water base	SLTWATBS
		3	Oil in water emulsion	OILWATEM
		4	Oil base	OILBASE
		5	Salt water	SLTWATER
		6	Lease oil	LEASEOIL
		7	Polymer	POLYMER
		8	Others	OTHERS
17	Kind of mud agent (in Kg)	01	Bentonite	
		02	Baryte	
		03	CMC Low-Vis	
		04	CMC Hi-Vis	
		05	Spersene	
		06	Resinex (Durenex)	
		07	Q-broxin	
		08	XP-20	
		09	CC-16	
		10	Caustic soda	
		11	SAPP	
		12	Mica F/M/C	
		13	Mud fibre	

2-1-3 C-Well Data Information (4/7)

No.	Code Name	Code	Full Name	Abbreviation
18	Kind of mud agent (in litter)	1	Drilling detergent	
		2	Pipe lax	
		3	Diesel oil	
19	Objective of squeeze cementing	1	Supplementing primary cementing	
		2	Sealing off undesired perforation	
		3	Plugging channel	
		4	Repairing damaged casing	
20	Kind of plug back	1	Cement	
		2	Bridge plug	
		3	Cement & bridge plug	
21	Kind of cement and additives (in Kg)	01	Class G	
		02	Class D	
		03	Litepoz	
		04	CACL2	
		05	Bentonite	
		06	D28 Retarder	
		07	D13 Retarder	
		08	D-60 FLAC	
22	Kind of cement and additives (in litter)	1	D-47 Antifoam	
		2	CW-7 Mud wash	
23	Kind of trouble	1	Lost circulation problem	LOSTCIRCUL
		2	Hole sloughing problem	HOLESLOUGH
		3	Pipe sticking problem	PIPESTICKG
		4	Well control problem	WELLCONTRL
		5	Water flow problem	WATERFLOW

2-1-3 C-Well Data Information (5/7)

No.	Code Name	Code	Full Name	Abbreviation
23	Kind of trouble (Cont'd)	6	Deviation control problem	DEVCONTROL
		7	Down hole equipment failure	DNHEQPFAIL
		8	Others	OTHER
24	Kind of log	01	Spontaneous-potential	SP
		02	Electric log	EL
		03	Induction log	IES
		04	Dual induction laterolog	DIL
		05	Laterolog	LL
		06	Microlog	ML
		07	Microlaterolog	MIL
		08	Proximity log	PML
		09	Micro sperical focused log	MSFL
		10	Sonic log	SL
		11	Borehole compensated sonic	BHC-
		12	Directional survey	DSVY
		13	CDM	CDM
		14	HDT	HDT
		15	Temperature survey	TS
		16	Cement bond log	CBL
		17	VDL	VDL
		18	Litho density log	LDT
		19	Gamma lay log	GR
		20	Neutron log	CNL
		21	Formation density log	FDC

2-1-3 C-Well Data Information (6/7)

No.	Code Name	Code	Full Name	Abbreviation
24	Kind of log (Cont'd)	22	Casing collar log	CCL
25	Scale of well log	1	1 : 200	
		2	1 : 500	
		3	1 : 1000	
26	Kind of interpretation	1	Quick look	QLM
		2	Computer processed by PERTAMINA	CPP
		3	CPI	CPI
		4	HDT	HDT
		5	CSU	CSU
		6	Cyber dip	CBD
27	Type of coring bit	1	Roller bit	ROLLER
		2	Diamond bit	DIAMOND
28	Type of barrel	1	Conventional	CONVNL
		2	Wire line	WRLINE
		3	Rubber sleeve	RUBSLV
		4	Oriented core	ORNTED
29	Fluorescence show	1	Very weak	VWK
		2	Weak	WK
		3	Moderate	MOD
		4	Good	GD
		5	Excellent	EXC
30	Type of drill stem test	1	Open hole	
		2	Cased hole	
31	Swabbing operation (DST)	1	Carried out	
		2	Not carried out	

2-1-3 C-Well Data Information (7/7)

No.	Code Name	Code	Full Name	Abbreviation
32	Succeeded or not (Wireline formation test)	1	Succeeded	SUCCES
		2	Not succeeded	NOTSUC
33	Kind of Fluid Estimated (Wireline Formation Test)	1	Gas	
		2	Oil	
		3	Water	

2-1-4 D-Petrophysical and PVT Analysis Data Information (1/9)

No.	Code Name	Code	Full Name	Abbreviation
1	Kind of petrophysical and PVT analysis	1	Core analysis	COR
		2	PVT analysis	PVT
2	Kind of sampling	1	Conventional coring (Plug size)	CCP
		2	Conventional coring (Full diameter)	CCP
		3	Sidewall coring	SWC
3	Kind of sample	1	Subsurface sample	SS
		2	Recombined sample	RS

2-1-4 D-Petrophysical and PVT Analysis Data Information (2/9)

No.	Code Name	Code	Full Name
4	Kind of analysis performed (In case of core analysis)	01	Porosity
		02	Horizontal permeability
		03	Vertical permeability
		04	Fluid contents
		05	Grain density (calculated)
		06	Grain density
		07	Bulk (saturated) density (by mercury injection)
		08	Mounting required for solf or friable rocks
		09	Special handling required because of rock type or texture
		10	Fluid contents by dean stark method
		11	X-ray photographs, per foot or core
		12	Acid solubility with versenate analysis for CaO/MgO ratio
		13	Pore water chloride (conventional only)
			Capillary pressure
			Porous plate cell
			Air-water or air-oil, plug size
		14	Single point
		15	Two point
		16	Complete curve
			Oil-water, plug size
		17	Single point
		18	Two point
		19	Complete curve

2-1-4 D-Petrophysical and PVT Analysis Data Information (3/9)

No.	Code Name	Code	Full Name
4	Kind of analysis performed (In case of core analysis) (Cont'd)		Mercury Injection
		20	Single point
		21	Two point
		22	Complete curve
		23	Calculation of connate water as a function of both height above water and permeability (or porosity)
		24	Calculation of pore size distribution
			Liquid permeability
		25	Special water permeability
			Permeability as a function of throughtput
		26	Initial liquid
		27	Each additional liquid
		28	Effective oil permeability at connate water saturation
			Electrical resistivity measurement (consolidated samples only)
		29	Formation factor, room conditions, no overburden pressure
		30	Resistivity index
		31	In conjunction with porous plate cell capillary pressure test (per sample, per point)
		32	Not in conjunction with capillary pressure test (per sample, per point)
		33	Determination of "B" factor

No.	Code Name	Code	Full Name
4	Kind of analysis performed (In case of core analysis) (Cont'd)		Water flood tests (Room conditions)
			Basic flood (saturation and permeability data at end points, only)
		34	Fresh
		35	Restored
			Water flood susceptibility
		36	Fresh
		37	Restored
			Water/oil relative permeability (Unsteady sate)
		38	Fresh
		39	Restored
		40	Water flood on cores containing oil and trapped gas
			Residual gas
		41	Imbibition displacement
		42	Low rate dynamic displacement

2-1-4 D-Petrophysical and PVT Analysis Data Information (5/9)

No.	Code Name	Code	Full Name
4	Kind of analysis performed (In case of core analysis) (Cont'd)		Relative permeability tests (Unsteady state)
			Gas-oil
		43	Without connate water
		44	With connate water
		45	Gas-water
		46	Water/oil, calculated from pore size distribution
			Wettability studies
		47	Imbibition of both oil and water, at room conditions (per test)
			Overburden permeability and porosity
		48	Air permeability (per overburden pressure)
		49	Porosity (Helium. Porosimeter-Boyles law per overburden pressure)
		50	Permeability and porosity (per overburden pressure)
			Sample preparation and selection
			Room condition
		51	Air permeability
		52	Porosity
		53	Mounting (friable or vuggy cores)
		54	Firing sample (Muffle furnace)
			Miscellaneous
		55	One sorting
		56	Two sorting

2-1-4 D-Petrophysical and PVT Analysis Data Information (6/9)

No.	Code Name	Code	Full Name
4	Kind of analysis performed (In case of core analysis) (Cont'd)		Slit and clay size distribution by sedimentation balance
		57	In conjunction with one sorting
		58	Not in conjunction with one sorting
		59	Other specialized test
4	Kind of analysis performed (In case of PVT analysis)		(oil reservoir)
		01	Pressure-volume relations of reservoir fluid at reservoir temperature, including saturation pressure determintation, compressibility of oil above saturation pressure and two phase volume below saturation pressure.
		02	Differential vaporization of reservoir fluid at reservoir temperature, and presentation of gas solubility and oil shrinkage data.
		03	Determination of specific gravity and compressibility factor of liberated gas at all points on differential vaporization and determination of density of the liquid phase.
		04	Viscosity of reservoir fluid at reservoir temperature and pressures from above reservoir pressure to atmospheric pressure.
		05	Separator tests at four single-stage separator pressure and laboratory temperature to determine the effects of separator pressure on solution gas-oil ratio, formation volume factor and stock tank oil gravity.
		06	Composition of separator gases from above separator tests to determine the effect of separator pressure and temperature on separator gas composition, GPM, heating value and specific gravity.

No.	Code Name	Code	Full Name
4	Kind of analysis performed (In case of PVT analysis) (Cont'd)	07	Fractional distillation through hexanes of reservoir fluid including supplemental determinations for nitrogen, carbon dioxide and hydrogen sulfide by chromatography Molecular weight and density of heptanes and heavier fraction are included.
		08	Single-stage separator test in addition to above separator tests.
		09	Multi-stage separator test including determination of separator volume factors at each stage of separation.
		10	Compositional analysis of separator oil and gas, and calculation of hydrocarbon composition of recombined reservoir fluid (This would be applied only for recombined sample).
		11	Pressure temperature diagram.
			(condensate reservoir)
		12	Compositional analysis of separator vapor and liquid, and recombination to any specified gas/liquid ratio.
		13	Dew-point pressure determination and pressure-volume relations of recombined reservoir fluid at reservoir temperature.
		14	Compressibility factor of reservoir fluid at reservoir temperature between reservoir pressure and dew-point pressure.
		15	Depletion study of reservoir fluid, including determination of hydrocarbon composition of reservoir vapor at dew-point pressure and several succeeding pressures during pressure depletion, experimental compressibility factors, and produced well stream volumes.

No.	Code Name	Code	Full Name
4	Kind of analysis performed (In case of PVT analysis) (Cont'd)	16	Presentation of above results in terms of total liquid content (GPM) per million standard cubic feet of initial reservoir fluid.
		17	Presentation of above results in terms of liquid products and gas recoverable by normal temperature, single or two-stage separation per million standard cubic feet of initial reservoir fluid.
		18	Retrograde liquid accumulation in reservoir determined at pressure investigated in above deplection study.
		19	Pressure temperature diagram.
		20	Compositional analysis of separator vapor and liquid, and recombination to any single specified gas/oil ratio or bubble point pressure.
		21	Saturation pressure and pressure-volume relations of recombine reservoir temperature.
		22	Constant volume depletion study at reservoir temperature to determine the gas phase composition, gas volume produced and gas deviation factors at several pressure from saturation pressure to abanconment pressure. Includes composition of equilibrium liquid phase at final depletion pressure.
		23	Liquid shrinkage versus pressure using constant volume depletion techniques as above.
		24	Viscosity of liquid phase at reservoir temperature at several pressures from above reservoir pressure to atmospheric pressure.

No.	Code Name	Code	Full Name
4	Kind of analysis performed (In case of PVT analysis) (Cont'd)		(Compositional studies and water analysis)
		25	Methane through C7+
		26	Gas Gravity (Measure)
		27	Complete chemical analysis of oil field water or mud filtrate samples (including dissolved solids (10 ions), total dissolved solids, PH, hydrogen sulfide, specific gravity 60/60 °F, and calculated resistivity.
		28	Chloride and Total Dissolved Solids.
		29	Resistivity (Measured), at Room T Temperature.
		30	Other

2-1-5 E-Production Data Information

No.	Code Name	Code	Full Name
1	Kind of recovery method	1	Primary recovery
		2	Secondary recovery
		3	Tertiary recovery
2	Flag of production or injection	1	Production
		2	Injection
3	Kind of gas consumption		(Own use)
		01	Injection gas
			(Gas lift)
		02	From well
		03	From compressor
		04	Utilities
			(Process)
		05	LPG plant
		06	LNG plant
		07	Fertilized plant (Pusri)
			(Refinery)
		08	Plaju
		09	S. Gerong
		10	Polypropylene
		11	Aromatic
			(Sales)
		12	Electric company (PLN)
		13	City gas
		14	Others
			(Flare and loss)
		15	Flare
		16	Loss

2-1-6 F-Reserves Data Information

No.	Code Name	Code	Full Name	Abbreviation
1	Development status of reservoir unit	1	Producing under primary	
		2	Producing under secondary	
		3	Producing under tertiary	
		4	Nonproducing under primary	
		5	Nonproducing under secondary	
		6	Nonproducing under tertiary	
		7	Undevelopment	

2-1-7 G-Production Operation Data Information (1/3)

No.	Code Name	Code	Full Name	Abbreviation
1	Kind of well test and stimulation	1	Production test	PT
		2	Injection test	IT
		3	Subsurface pressure survey	SP
		4	Production log	PL
		5	Well stimulation	WS
2	Kind of production test	1	Initial production test before stimulation	
		2	Initial production test after stimulation	
		3	Production test before workover	
		4	Production test after workover	
		5	Production test before stimulation	
		6	Production test after stimulation	
		7	Production test	
3	Type of production test	1	Flow test for oil	
		2	Multipoint test for gas	
		3	Isochronal test for gas	
		4	Pluse test	
		5	Other	
4	Flowing method for test	1	Natural flowing	
		2	Rod pumping	
		3	Submergible pumping	
		4	Gas lifting	
		5	Swabbing	

2-1-7 G-Production Operation Data Information (2/3)

No.	Code Name	Code	Full Name	Abbreviation
5	Bottomhole sampling	1	With bottomhole sampling	
		2	Without bottomhole sampling	
6	Kind of injection test	1	Initial injection test before stimulation	
		2	Initial injection test after stimulation	
		3	Injection test before workover	
		4	Injection test after workover	
		5	Injection test before stimulation	
		6	Injection test after stimulation	
		7	Injection test	
7	Bottomhole pressure survey	1	With bottomhole	
		2	Without bottomhole	
8	Type of injection test	1	Falloff	
		2	Step rate	
9	Type of subsurface pressure survey	1	Buildup pressure survey	
		2	Falloff pressure survey	
		3	Spot measurement	
10	Kind of production log	1	Inflatable combination tool (ICT)	
		2	Production combination tool (PCT)	
		3	Packer flowmeter	
		4	Continuous flowmeter	
		5	Full bore spinner flowmeter	

2-1-7 G-Production Operation Data Information (3/3)

No.	Code Name	Code	Full Name	Abbreviation
10	Kind of production log (Cont'd)	6	Gradiomanometer	
11	Objective for stimulation	1	Production	
		2	Injection	
12	Type of stimulation	1	Matrix acidizing	
		2	Facture acidizing	
		3	Hydraulic fracturing	
13	Kind of field laboratory fluid analysis	1	Oil	OIL
		2	Condensate	CON
		3	Gas	GAS
		4	Water	WAT
14	Kind of sampling place	1	Wellhead	
		2	Production maniholds	
		3	Separator	

2-1-8 H-Production Facilities Data Information (1/5)

No.	Code Name	Code	Full Name	Abbreviation
1	Main function	01	Separation	
		02	Storage	
		03	Pumping	
		04	Compression	
		05	Sweetening	
		06	Dehydration	
		07	Heating	
		08	W. Water Tr.	
		09	Metering	
		10	Power	
2	Kind of equipment	01	Separator	SP
		02	Vessel tank	VT
		03	Absorber	AB
		04	Stripper	SR
		05	Filter	FL
		06	Adsorber	AD
		21	Storage tank	TK
		31	Heat exchanger	HE
		32	Fired heater	FH
		33	Refrigerator	RF
		41	Pump	PP
		42	Compressor	CP
		43	Generator	GN
		44	Fan or blower	BL
		45	Agitator	AG
		51	Electric motor	EM
		52	Ignition engine	IE

2-1-8 H-Production Facilities Data Information (2/5)

No.	Code Name	Code	Full Name	Abbreviation
2	Kind of equipment (Cont'd)	53	Steam engine	SE
		54	Gas turbine	GT
		55	Steam turbine	ST
		91	Fire fighting system	FF
3	Type of vessel	1	Horizontal cylinder	
		2	Vertical cylinder	
		3	Sphere	
4	Kind of absorbent	1	Amine	
		2	Glycol	
		3	Other	
5	Type of filter	1	Netlike	
		2	Granular	
		3	Porous	
6	Kind of adsorbent	1	Bauxite	
		2	Alumina	
		3	Silica	
		4	Molecular sieves	
		5	Carbon	
7	Type of storage tank	1	Cone roof	
		2	Dome roof	
		3	Floating roof	
		4	Expansion roof	
		5	Water seal type	
		6	Dry seal type	
		7	Underground type	
8	Method of plate combination	1	Welded	
		2	Bolted	

2-1-8 H-Production Facilities Data Information (3/5)

No.	Code Name	Code	Full Name	Abbreviation
8	Method of plate combination (Cont'd)	3	Riveted	
9	Type of heat exchanger	1	Shell and tube	
		2	Plate	
		3	Multi-tube	
		4	Double-pipe	
		5	Block	
10	Type of fired heater	1	Direct heater	
		2	Indirect water bath	
		3	Indirect salt bath	
11	Type of refrigerator	1	Compression type	
		2	Absorption type	
12	Type of pump	1	Centrifugal	
		2	Mixed flow	
		3	Axial flow	
		4	Reciprocating	
		5	Volumetric rotary	
		6	Regenerative	
		7	Other	
13	Type of compressor	1	Axial flow	
		2	Centrifugal	
		3	Volumetric rotary	
		4	Reciprocating	
14	Type of generator	1	AC	
		2	DC	
15	Type of fan or blower	1	Axial flow	
		2	Centrifugal	

2-1-8 H-Production Facilities Data Information (4/5)

No.	Code Name	Code	Full Name	Abbreviation
15	Type of fan or blower (Cont'd)	3	Volumetric rotary	
16	Type of agitator	1	Propeller	
		2	Turbine	
		3	Paddle	
		4	Other	
17	Type of electric motor	1	Induction	
		2	Synchronous	
		3	Other	
18	Type of ignition engine	1	Gas	
		2	Petrol	
		3	Diesel	
		4	Gasoline	
19	Type of gas turbine	1	Open cycle	
20	Type of steam turbine	1	Curtis	
		2	Inpulse (Rateau)	
		3	Reaction (Parsons)	
		4	Curtis-Impulse	
		5	Curtis-Reaction	
		6	Impulse-Reaction	
		7	Curtis-Impulse-Reaction	
		8	Other	
21	Type of fire fighting system	1	Water extinguishing	
		2	Foam extinguishing	
		3	Dry chemical	
		4	CO_2 or halon	
		5	Other	

2-1-8 H-Production Facilities Data Information (5/5)

No.	Code Name	Code	Full Name	Abbreviation
22	Country code	01	Australia	
		02	Austria	
		07	Canada	
		14	E. Germany	
		16	France	
		22	Holland	
		24	India	
		25	Indonesia	
		26	Italy	
		28	Japan	
		55	Spain	
		56	Sweden	
		61	U.S.A.	
		62	U. Kingdom	
		67	W. Germany	

2-1-9 I-Pipeline Data Information

No.	Code Name	Code	Full Name	Abbreviation
1	Objective at installation	1	Production	
		2	Injection	
		3	Gas lift	
		4	Transportation	
		5	Other	
2	Kind of linepipe	1	Regular line (unlined)	
		2	Cement-lined regular line	
		3	Asbestos-cement	
		4	Plastic	
		5	Aluminum	
3	Type of connection	1	Welded	
		2	Screwed	
		3	Flanged	
4	Type of valve	1	Gate	
		2	Ball	
		3	Plug	
		4	Glove	
		5	Check	
		6	Needle	
		7	Butterfly	
		8	Other	

2-2 Code Format on Copy Library

2-2-0 Common

No.	Code Name	Field Name	Length	Occurrence	Remarks
1	Province code	PROVINCE-NM PROVINCE-AB	13 3	8	
2	Area code	AREA-NM AREA-AB	26 3	4	
3	Field office code	FLDOFFICE-NM	10	2	
4	Formation code	FORMATION-NM FORMATION-AB	11 3	8	
5	Completion status	COMPL-ST-NM COMPL-ST-AB	9 5	3	
6	String code	STRING-NM STRING-AB	20 5	4	
7	Kind of completed zone	COMPL-ZN-KD-NM	7	4	
8	String specification	STRING-SPEC-NM STRING-SPEC-AB	26 2	7	
9	Current status	CURRENT-ST-CD CURRENT-ST-NM	56	18	Hierarchy
10	Type of reservoir content	RESERV-CONT-TY-NM	13	3	
11	Site description	SITE-DES-NM	28	13	
12	PERTAMINA or contractor	CONTRACTOR-FG-NM	18	2	
13	Kind of organization (for executor)	EX-ORG-KD-NM	9	2	
14	Kind of inspection	WK-INSPEC-KD-NM	44	10	
15	Kind of repair	WK-REPAIR-KD-NM	21	3	
16	Result of inspection	INSPEC-RESUL-NM	28	5	
17	Kind of injection fluid	IF-KD-NM	19	8	
18	Filtration	FILTRATION-NM	18	2	
19	Kind of additives	ADDITIVES-KD-NM	19	6	
20	Kind of station	STAT-KD-NM STAT-KD-AB	20 3	13	

2-2-1 A-Geological Data and Contract Area Information

No.	Code Name	Field Name	Length	Occurrence	Remarks
1	Kind of contract	CONTRACT-KD-NM CONTRACT-KD-AB	29 2	5	
2	Kind of geological survey	SURVEY-KD-CD SURVEY-KD-NM SURVEY-KD-AB	2 26 3	11	Hierarchy
3	Type of map, figure and report	MPR-TY-NM	30	7	
4	Kind of geological analysis	ANAL-KD-CD ANAL-KD-NM ANAL-KD-AB	2 20 3	13	Hierarchy
5	Analysis subject	ANAL-SUBJ-NM	9	5	
6	Kind of sample	SAMPLE-KD-NM	17	4	
7	Type of trap	TRAP-TY-NM TRAP-TY-AB	25 3	5	
8	Type of figure and report	FR-TY-NM	10	3	
9	Kind of analysis performed	ANAL-PERF-KD-CD ANAL-PERF-KD-NM	2 31	21	
10	Kind of map	MAP-KD-CD MAP-KD-NM	2 27	37	Hierarchy
11	Kind of report	REP-KD-NM	30	19	

2-2-2 B-Geophysical Data Information

No.	Code Name	Field Name	Length	Occurrence	Remarks
1	Kind of geophysical survey and study	SURVEY-STUDY-KD-NM SURVEY-STUDY-KD-AB	20 3	6	
2	Method of survey	SURVEY-METH-NM	10	2	
3	Recording system	REC-SYS-NM	8	2	
4	Spread pattern	SPREAD-PAT-NM	14	9	
5	Land, ship or air	LSA-FG-NM	4	3	
6	Kind of section	SEC-KD-NM	24	4	
7	Application of deconvolution	APPLIC-DEC-NM	23	4	
8	Migrated or unmigrated	MIG-FG-NM	10	2	
9	Kind of map	MAP-KD-CD MAP-KD-NM	2 28	 19	Hierarchy
10	Kind of report	REP-KD-CD REP-KD-NM	2 23	 14	Hierarchy
11	Horizon code	HORI-NM	14	8	
12	Geological identification marker	GBL-ID-MARK-NM	15	9	
13	Synthetic seismogram	SYNTH-SEISM-NM	3	2	
14	Compression	COMPRESSION-NM	12	2	
15	Type of map, section and report	MSR-TY-NM	7	3	
16	Kind of survey procedure	SURVEY-PROC-KD-NM	15	3	

2-2-3 C-Well Data Information (1/2)

No.	Code Name	Field Name	Length	Occurrence	Remarks
1	Objective of well	WELL-OB-NM WELL-OB-AB	28 10	5	
2	Objective of workover	WKOV-OB-NM WKOV-OB-AB	41 10	5	
3	Vertical or deviated	VERT-DEVI-FG-NM VERT-DEVI-FG-AB	8 4	2	
4	Kind of deviation survey	DEVI-SURVEY-KD-NM	8	3	
5	Wing valve configuration (Wellhead assembly)	CHR-WING-VLV-NM	6	2	
6	Type of subsurface pump	SS-TY-NM	3	4	
7	Gas anchor	GAS-ANC-NM	11	2	
8	Type of surface pump	SF-TY-NM SF-TY-AB	13 5	4	
9	Type of prime mover	PM-TY-NM PM-TY-AB	14 8	4	
10	Gas separator (Submergible pump)	GAS-SEP-NM	11	2	
11	Macaroni pipe (Gas lift)	MACARONI-PIPE-NM MACARONI-PIPE-AB	16 7	2	
12	Type of lifting. (Gas lift)	LIFT-TY-NM	12	2	
13	Type of installation	INST-TY-NM	10	5	
14	Objective of perforation	PERFORATION-NO-NM	17	4	
15	Status of perforation	PERFORATION-ST-NM	6	2	
16	Type of mud	MUD-TY-NM MUD-TY-AB	21 8	8	
17	Kind of mud agent (in Kg)	MUD-AGKG-KD-NM	17	13	
18	Kind of mud agent (in litter)	MUD-AGLI-KD-NM	18	3	

2-2-3 C-Well Data Information (2/2)

No.	Code Name	Field Name	Length	Occurrence	Remarks
19	Objective of squeeze cementing	SC-OB-NM	33	4	
20	Kind of plug back	PLUG-BK-KD-NM	20	3	
21	Kind of cement and additives (in Kg)	CEMADDKG-KD-NM	12	8	
22	Kind of cement and additives (in litter)	CEMADDLI-KD-NM	13	2	
23	Kind of trouble	TROUBLE-KD-NM TROUBLE-KD-AB	27 10	8	
24	Kind of log	LOG-KD-NM LOG-KD-AB	26 4	22	
25	Scale of well log	SCALE-NM	8	3	
26	Kind of interpretation	INT-KD-NM INT-KD-AB	31 3	6	
27	Type of coring bit	CORING-BIT-TY-NM CORING-BIT-TY-AB	11 7	2	
28	Type of barrel	BARREL-TY-NM BARREL-TY-AB	13 6	4	
29	Fluorescence show	FLUOR-SHOW-NM FLUOR-SHOW-AB	8 1	5	
30	Type of drill stem test	DST-TY-NM	5	2	
31	Swabbing operation (DST)	SWABB-OP-NM	11	2	
32	Succeeded or not (Wireline formation test)	SUCCEED-FG-NM SUCCEED-FG-AB	13 6	2	
33	Kind of fluid estimated (Wireline formation test)	FLUID-EST-KD-NM	5	3	

2-2-4 D-Petrophysical and PVT Analysis Data Information

No.	Code Name	Field Name	Length	Occurrence	Remarks
1	Kind of petrophysical and PVT analysis	ANAL-KD-NM ANAL-KD-AB	13 3	2	
2	Kind of sampling	SAMPL-KD-NM SAMPL-KD-AB	34 3	3	
3	Kind of sample	SAMPLE-KD-NM SAMPLE-KD-AB	17 2	2	
4	Kind of analysis performed	ANAL-PERF-CD ANAL-PERF-NM	2 286	 89	

2-2-5 E-Production Data Information

No.	Code Name	Field Name	Length	Occurrence	Remarks
1	Kind of recovery method	RECOV-METH-NM	18	3	
2	Flag of production or injection	PROD-INJ-FG-NM	10	2	
3	Kind of gas consumption	CONSUMP-KD-NM	26	16	

2-2-6 F-Reserves Data Information

No.	Code Name	Field Name	Length	Occurrence	Remarks
1	Development status of reservoir unit	DEVELOP-ST-NM	28	7	

2-2-7 G-Production Operation Data Information

No.	Code Name	Field Name	Length	Occurrence	Remarks
1	Kind of well test and stimulation	WLTST-STIM-NM WLTST-STIM-AB	26 2	5	
2	Kind of production test	PROD-TST-KD-NM	42	7	
3	Type of production test	PROD-TST-TY-NM	23	5	
4	Flowing method for test	FMETH-TST-NM	19	5	
5	Bottomhole sampling	TR-BHOLE-SAMPL-NM	27	2	
6	Kind of injection test	INJ-TST-KD-NM	41	7	
7	Bottomhole pressure survey	BHOLE-PSURVEY-NM	18	2	
8	Type of injection test	INJECT-TST-TY-NM	9	2	
9	Type of subsurface pressure survey	SURVEY-TY-NM	23	3	
10	Kind of production log	PROD-LOG-KD-NM	33	6	
11	Objective for stimulation	STIM-OB-NM	10	2	
12	Type of stimulation	STIM-TY-NM	20	3	
13	Kind of field laboratory fluid analysis	ANAL-NM ANAL-AB	10 3	4	
14	Kind of sampling place	SAMPL-PLACE-NM	20	3	

2-2-8 H-Production Facilities Data Information

No.	Code Name	Field Name	Length	Occurrence	Remarks
1	Main function	MAIN-FUNC-NM	14	10	
2	Kind of equipment	EQU-KD-CD EQU-KD-NM EQU-KD-AB	2 20 2	21	Hierarchy
3	Type of vessel	VESSEL-TY-NM	19	3	
4	Kind of absorbent	ABSORB-KD-NM	6	3	
5	Type of filter	FILTER-TY-NM	8	3	
6	Kind of adsorbent	ADSORB-KD-NM	16	5	
7	Type of storage tank	STRTANK-TY-NM	16	7	
8	Method of plate combination	PLCOMB-METH-NM	7	3	
9	Type of heat exchanger	HEAT-EXCH-TY-NM	14	5	
10	Type of fired heater	FIRE-HEAT-TY-NM	19	3	
11	Type of refrigerator	REFRIG-TY-NM	16	2	
12	Type of pump	PUMP-TY-NM	17	7	
13	Type of compressor	COMPRESS-TY-NM	17	4	
14	Type of generator	GENERAT-TY-NM	2	2	
15	Type of fan or blower	FANBLOW-TY-NM	17	3	
16	Type of agitator	AGITAT-TY-NM	9	4	
17	Type of electric motor	ELECMOT-TY-NM	11	3	
18	Type of ignition engine	IGNENGIN-TY-NM	15	4	
19	Type of gas turbine	GASTURB-TY-NM	10	1	
20	Type of steam turbine	STEAMTURB-TY-NM	23	8	
21	Type of fire fighting system	FIREFIGHT-TY-NM	26	5	
22	Country code	COUNTRY-CD- COUNTRY-NM-	2 9	15	Hierarchy

2-2-9 I-Pipeline Data Information

No.	Code Name	Field Name	Length	Occurrence	Remarks
1	Objective at installation	INST-OB-NM	14	5	
2	Kind of linepipe	LP-KD-NM	30	5	
3	Type of connection	CNECT-TY-NM	7	3	
4	Type of valve	VALVE-TY-NM	9	8	

ATTACHMENT I List of Field

Code	Name	Abbreviation	Remarks
100	Ogan	OG	
105	Suka Cinta	SKA	P
110	Tanjung Tiga	TT	
115	Lembak A	LBK	P
116	Lembak B	LBB	P
528	Mambang	MMG	P
631	Merbau A	MBA	P
632	Merbau B	MBB	P
121	Talang Jimar Barat	TJB	
122	Talang Jimar Tengah	TJH	
123	Talang Jimar Timur	TJT	
130	Prabumulih Barat	PB	
140	Tanjung Miring Barat	TMB	
150	Tanjung Miring Timur	TMT	
211	Limau Niru	LN	
213	Limau Barat Tengah	LBT	
214	Limau Seksi P	LP	
215	Limau Seksi Q (5A-22)	LQ2	
216	Limau Seksi Q (5A-51)	LQ1	
217	Limau Seksi Q (5A-108)	LQ8	
218	Karangan	KR	
219	Karangan Timur	KRT	P
415	Kampung Minyak	KMK	P
260	Gunung Kemala	GK	
270	Benuang	BN	
280	East Benakat	BB	
281	Benakat Barat	BB	P
411	Suban Jerigi	SJ	P
412	Sungai Taham	STM	P
118	Tampa	TPA	P
510	Belimbing	BL	
618	Air Serdang	ASD	P

Code	Name	Abbreviation	Remarks
520	Betung	BT	
521	Betung Barat Laut	BBT	P
522	Betung Timur Laut	BTL	P
525	Musi	MS	
526	Musi Utara	MSU	P
527	Musi Selatan	MSS	P
611	Kuang	KG	
615	Pagar Dewa - A	PDA	P
616	Pagar Dewa - B	PDB	P
620	Prabumenang - A	PMA	P
621	Prabumenang - B	PMB	P
622	Prabumenang - C	PMC	P
623	Prabumenang - D	PMD	P
220	Rambang	RMG	P
414	Riang Bandung	RBG	P
529	Sebasa	SBA	P
530	Semanggus	SMS	P
523	Sigoyang	SIG	P
413	Subang Wilela	SWA	P
625	Meraksa - A	MRA	P
626	Meraksa - B	MRB	P
627	Meraksa - C	MRC	P
629	Metur	MTR	P
630	Tasim	TSM	P
145	Tanjung Rambang	TRG	P
645	Tebong	TBG	P
647	Waicacahan	WAN	P
635	Beringin - A	BRA	P
636	Beringin - B	BRB	P
637	Beringin - C	BRC	P
640	Kedaton - A	KDA	P
641	Kedaton - B	KDB	P
642	Kedaton - C	KDC	P
417	Liling Langu	LGU	P

Code	Name	Abbreviation	Remarks
710	Bajubang	B	
720	Tempino	T	
730	Kenali Asam.	KA	
830	Kenali Asam Barat	KAB	P
740	Sungai Gelam - A	SGA	
742	Sungai Gelam - C	SGC	P
743	Sungai Gelam - D	SGD	P
745	Arang-Arang Barat	AAB	P
746	Arang-Arang Timur	AAT	P
748	Bayung Lincir	BLR	ABD. P
750	Sungai Lilin	SL	
761	Setiti Tenggara	STG	P
761	Setiti Barat Laut - A	SBA	P
860	Setiti Barat Laut - B	SBB	P
780	Sengeti	SNT	
781	Sengeti Down Block	SDB	P
783	Berembang Tenggara	BTA	P
746	Ketaling	KTA	P
747	Ketaling Barat Laut	KBA	P

NOTE: P = Prospect
ABD. P = Abandon Prospect

Code	Name	Abbreviation	Remarks
900	Keban	KBN	D
901	Mangunjaya	MJY	D
902	Lubuk Rukam	LBR	D
903	Banjar Sari	BJS	D
904	Tanjung Luntar	TJL	D
905	Luntar	LTR	D
906	Arahan	ARH	D
907	Ramok	RMK	D
908	Senabing Barat	SB	D
909	Bentayan	BTY	D

NOTE: D = Deplete

ATTACHMENT II List of Facilities Field

Code	Name	Abbreviation
01	Prabumulih Pusat	PPP
02	Prabumulih Barat	PB
03	Lembak	LBK
04	Paya Kabung	PK
05	Talang Jimar	TJ
06	Tanjung Tiga Barat	TTB
07	Tanjung Tiga Timur	TTT
08	Tanjung Miring Barat	TMB
09	Tanjung Miring Timur	TMT
10	Gunung Kemala	GK
11	Benuang	BN
12	Benakat Timur	EB
13	Limau Timur	LT
14	Limau Barat	LB
15	Belimbing	BL
16	Tanjung Lontar	TL
17	Suban Jerigi	SJ
18	Batu Deras	BK
19	Sungai Taham	ST
20	Kuang	KG
21	Tasim Kuang	TKG
22	Pagar Dewa	PD
23	Prabumenang	PM
24	Meraksa	MR
25	Kikim	KK
26	Ogan	OG
27	Lubuk Rukam	LR
28	Karangan	KR
29	Sigoyang	SIG
30	Betung	BT
31	Simpang	SPG
32	Musi	MS

Code	Name	Abbreviation
50	Bajubang	B
51	Tempino	T
52	Kenali Asam	KA
53	Sungai Gelam	SG
54	Sungai Lilin	SL
55	Setiti	ST
56	Sangeti	SNT

ATTACHMENT III List of Reservoir Unit

FIELD NAME : OGAN
FIELD CODE : 100
FORMATION : TAF, except BRF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
B,R,F	1100		*	
a_0	1200		OIL	
A	1250		-	
B	1300		OIL	
C	1400		GAS	
D	1500		*	
E	1600		*	
F	1700		*	
G	1800		*	
H	1900		*	

FIELD NAME : TANJUNG TIGA
FIELD CODE : 110
FORMATION : TAF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
a_0,a_1				
A,B,C	2100		*	
	2101	Block I	*	
	2102	Block II	OIL	
	2103	Block III	*	
D,E,F	2200		*	
	2201	Block I	*	
	2202	Block II	OIL	
	2203	Block III	*	
H	2300		*	
	2301	Block I	*	
	2302	Block II	OIL	
	2303	Block III	*	

NOTES: - it does not currently produce.
* no prospect.

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
a0,a1				
A,B,C	1100		*	
	1101	Block I	*	
	1102	Block II	OIL	
	1103	Block III	OIL	
	1104	Block IV	OIL	
D,E,F,	1200		*	
	1201	Block I	OIL	
	1202	Block II	-	
	1205	Block III	OIL	
	1204	Block IV	-	
H	1300		*	
	1301	Block I	*	
	1302	Block II	*	
	1303	Block III	-	
	1304	Block IV	*	
K	1400		*	
	1401	Block I	*	
	1402	Block II	*	
	1403	Block III	-	
	1404	Block IV	*	
	1503		OIL	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : WEST TALANG JIMAR
FIELD CODE : 121
FORMATION : TAF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
-	1000		OIL	
A,B,C	1100		OIL	
D,E,F,H	1200		OIL	
K,L,M	1300		OIL	
O,Q,R	1400		-	
S,T	1700		-	

FIELD NAME : MIDDLE TALANG JIMAR
FIELD CODE : 122
FORMATION : TAF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
A,B,C	2000		OIL	
	2100		OIL	
D,E,F,H	2200		OIL	
K,L,M	2300		OIL	
O,Q,R	2400		-	

FIELD NAME : EAST TALANG JIMAR
FIELD CODE : 123
FORMATION : TAF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
A,B,C	3000		OIL	
	3100		OIL	
D,E,F,H	3200		OIL	
K,L,M	3300		OIL	
O	3400		-	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : WEST PRABUMULIH
FIELD CODE : 130
FORMATION : TAF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
A	1100		-	
B	1200		-	
H	1300		-	
K	1500		*	
K_2	1520		-	
N	1700		-	
	1701		-	
R	1900		*	
R_1	1910		OIL	
R_{5-6}	1950		-	

FIELD NAME : WEST TANJUNG MIRING
FIELD CODE : 140
FORMATION : TAF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
A_3	1130		OIL	
C_{1-2}	1300		*	
D_1	1410		OIL	
G_1	1700		*	
K_1	2110		OIL	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : EAST TANJUNG MIRING
FIELD CODE : 150
FORMATION : TAF, except A is BRF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
A	1400		*	
B	1540		OIL	
C	1600		*	
D	1700		OIL	

FIELD NAME : LIMAU
FIELD CODE : 211
FORMATION : TAF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
S	1200		-	
W1	1310		GAS	
	1311	SOUTH FLANK	-	
	1312	WEST FLANK	OIL	
	1313	NORTH FLANK	*	
W3	1330		*	
	1331	SOUTH FLANK	-	
	1332	WEST FLANK	OIL	
	1333	NORTH FLANK	OIL	
W42	1350		*	
	1351	SOUTH FLANK	-	
	1352	WEST & NORTH FLANK	OIL	
X0	1400		*	
	1401	SOUTH FLANK	-	
	1402	WEST & NORTH FLANK	OIL	
	1404	EAST FLANK	*	
X1	1411		OIL	
	1412		OIL	
	1421		OIL	
	1422		OIL	
X3	1430		*	
	1431	SOUTH FLANK	OIL	
	1432	WEST & NORTH FLANK	OIL	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : LIMAU
FIELD CODE : 211
FORMATION : TAF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
Y1	1510		OIL	
Y2	1520		OIL	
Y3	1530		OIL	
Z	1610		-	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : MIDDLE LIMAU
FIELD CODE : 213
FORMATION : TAF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
S	3200		-	
	3211	L5A-160	-	
	3212	LMC-44	-	
S + T	3210			
	3213	EAST FLANK	OIL	
	3214	SOUTH OF MC-22	*	
	3215	L5A-128	-	
	3216		-	
	3241		OIL	
W1				
	3311	L5A-102	OIL	
W2	3330		-	
	3334	Block VIII Block IX	-	
	3335	NORTH FLANK	-	
	3336	SOUTH FLANK	-	
	3337	NORTH EAST FLANK	-	
W42				
	3351	NORTH EAST FLANK	OIL	
	3352	SOUTH FLANK	OIL	
X0 - X1				
	3401	L5A-24	OIL	
	3402	XØ	*	
	3421	X2	OIL	
	3431	X3	OIL	
	3441		OIL	
	3511	Y1	OIL	
	3105	R15	GAS	
R2				
	3111	LMC - 47	-	
	3112	L5A - 66	-	
R5-52				
	3151	L5A-128	-	
	3152	LMC-24	GAS	
R4				
	3141	L5A-89	*	
	3142		-	
	3143		*	
	3144		-	

NOTES: - it does not currently produce.
* no prospect.

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
S				
	2211	L5A-53	OIL	
	2212	NORTH FLANK	*	
	2213	L5A-2,3	*	
T				
	2231	LMC-8	-	
	2241	U	-	
W1				
	2311	Block I & II	-	
	2312		-	
	2331	Block VI & VII	*	
W3				
	2332	Block III	-	
	2333	Block VI & VII	-	
W4				
	2343	Block VI & VII	*	
X1-2				
	2411	LMC-38	-	
	2431	X3	-	
R4				
	2141	LMC-18	-	
R5				
	2151	LMC-8	-	
Y1				
	2511	LMC-13	-	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : LIMAU P SECTION
FIELD CODE : 214
FORMATION : TAF, except BRF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
R36-37	4131	L5A-81	-	
	4132	L5A-103	OIL	
	4133	EAST OF L5A-145	*	
R32	4134	EAST OF P-1	-	
	4135	WEST OF P-1	-	
R4	4141	L5A-69	-	
	4142	L5A-49	-	
	4143	L5A-137	OIL	
R9	4190		OIL	
R53	4152		-	
	4210		OIL	
S	4211	L5A-31	*	
	4212	L5A-73	*	
W1	4310	L5A-85	-	
X0	4400		OIL	
X2	4420		-	
X3	4430		-	
BRF	4600	L5A-136	GAS	
	4601	L5A-85/I	GAS	
	4602	L5A-85/II	*	
	4603	L5A-85/III	*	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : EAST LIMAU-Q SECTION (L5A-22)
FIELD CODE : 215
FORMATION : TAF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
R32-33	5121	L5A-26	OIL	
	5122	SOUTH FLANK	-	
R37	5131	NORTH FLANK	OIL	
	5132	EAST FLANK	-	
R36-37	5133	SOUTH FLANK	OIL	
R4	5140	-	OIL	
R52-53	5151	L5A-40	OIL	
	5152	L5A-83	-	
S	5211	L5A-40,26	OIL	
	5212	L5A-22	OIL	
W1-3	5320		OIL	
R8	5180		*	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : EAST LIMAU-Q SECTION (L5A-51)
FIELD CODE : 216
FORMATION : TAF, except BRF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
R12-15	6112		GAS	
R32-33	6121	WEST FLANK	*	
	6122	EAST FLANK	OIL	
R36-37	6131	WEST FLANK	OIL	
	6132	EAST FLANK	-	
	6130	SEMBUL BLOCK	OIL	
R52-53	6151	WEST FLANK	-	
	6152	EAST FLANK	*	
R52	6150		GAS	
R6	6161	WEST FLANK	-	
	6162	EAST FLANK	-	
S	6220		GAS	
B,R,F	6600	HORST	GAS	
	6601	WEST	GAS	
	6602	EAST	-	
	6603	EAST FLANK	OIL	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : EAST LIMAU-Q SECTION (L5A-108)
FIELD CODE : 217
FORMATION : TAF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
R12	7110		GAS	
R32-33	7120		-	
R6	7160		*	

FIELD NAME : KARANGAN
FIELD CODE : 218
FORMATION : TAF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
A3	1100		-	
B	1200		*	
C2-3	1300		OIL	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : GUNUNG KEMALA
FIELD CODE : 260
FORMATION : TAP

WEST

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
-	920		GAS	
H	1000		*	
H1	1010		*	
H2	1020		-	
J	1100		*	
J1	1110		*	
J2	1120		*	
K	1200		*	
K1	1210		GAS	
K2	1220		GAS	
K3	1230		*	
L	1300		*	
L1	1310		GAS	
L2	1320		*	
L3	1330		-	
M	1400		*	
M1	1410		-	
N	1500		*	
N1	1510		-	
N2	1520		*	
N3	1530		*	
O	1600		*	
O	1610	WEST	-	
O	1620	EAST	GAS	
P	1700		*	

NOTES: - it does not currently produce.
* no prospect.

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
P1	1710		*	
P2	1720		*	
P2a	1721		-	
P2b	1722		-	
P2c	1723		*	
P3	1730		*	
P4	1740		*	
P5	1750		-	
Q	1800		*	
Q1	1810		*	
Q2	1820		*	
Q3	1830		*	
V	1900		-	

MIDDLE

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
H	2000	-	*	
H1	2011	SOUTH	*	
	2012	NORTH	*	
-	2020	-	-	
H2	2021	SOUTH	*	
	2022	NORTH	-	
J	2100	-	*	
-	2110	-	-	
J1	2111	SOUTH	*	
	2112	NORTH	*	
-	2120	-	-	
J2	2121	SOUTH	*	
	2122	NORTH	*	

NOTES: - it does not currently produce.
* no prospect.

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
K	2200	-	*	
-	2210	-	GAS	
K1	2211	SOUTH	-	
	2212	NORTH	-	
-	2230	-	GAS	
-	2220	-	-	
K2	2221	SOUTH	-	
	2222	NORTH	-	
K3	2231	SOUTH	*	
	2232	NORTH	*	
L	2300	-	*	
L1	2311	SOUTH	OIL	
	2312	NORTH	-	
L2	2321	SOUTH	*	
	2322	NORTH	*	
L3	2331	SOUTH	*	
	2332	NORTH	*	
L2,3	2330	-	OIL	
M	2400	-	*	
M1	2411	SOUTH	-	
	2412	NORTH	-	
N	2500	-	*	
N1	2511	SOUTH	*	
	2512	NORTH	-	
N2	2521	SOUTH	*	
	2522	NORTH	-	
N3	2531	SOUTH	*	
	2532	NORTH	*	
O	2610	SOUTH	*	
O	2620	SOUTH	*	
P1	2711	SOUTH	*	
	2712	NORTH	*	

NOTES: - it does not currently produce.
* no prospect.

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
P2a	2721	SOUTH	*	
	2722	NORTH	*	
P2b	2723	SOUTH	*	
	2724	NORTH	*	
P2c	2725	SOUTH	*	
	2726	NORTH	*	
P3	2731	SOUTH	*	
	2732	NORTH	*	
P4	2741	SOUTH -	*	
	2742	NORTH	*	
P5	2751	SOUTH	*	
	2752	NORTH	*	
Q	2800	-	*	
Q1	2811	SOUTH	*	
	2812	NORTH	*	
Q2	2821	SOUTH	*	
	2822	NORTH	*	
Q3	2831	SOUTH	*	
	2832	NORTH	*	
V	2900	-	*	

NOTES: - it does not currently produce.
* no prospect.

EAST

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
H	3000		*	
H1	3010		*	
H2	3020		*	
J	3100		*	
J1	3110		*	
J2	3120		*	
K	3200		*	
K1	3210		-	
K2	3220		*	
K3	3230		-	
L	3300		*	
L1	3310		*	
L2	3320		*	
L3	3330		*	
M	3400		*	
M1	3410		*	
N	3500		*	
N1	3510		-	
N2	3520		*	
N3	3530		*	
O	3600		*	
P	3700		*	
P1	3710		*	
P2	3720		*	
P2a	3721		*	
P2b	3722		*	
P2c	3723		*	
P3	3730		*	

NOTES: - it does not currently produce.
* no prospect.

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
P4	3740		*	
P5	3750		*	
Q	3800		*	
Q1	3810		*	
Q2	3820		*	
V	3900		*	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : BENUANG
FIELD CODE : 270
FORMATION : TAF, except A is BRF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
A	1000		*	
	1001	WEST BLOCK BENUANG	*	
	1002	EAST BENUANG BLOCK	*	
B	1100		*	
	1101	WEST BLOCK BENUANG	*	
	1102	EAST BENUANG BLOCK	*	
C	1200		*	
	1201	WEST BLOCK BENUANG	*	
	1202	EAST BENUANG BLOCK	*	
D	1300		*	
	1301	WEST BLOCK BENUANG	*	
	1302	EAST BENUANG BLOCK	*	
D1	1310		*	
	1311	WEST BLOCK BENUANG	-	
	1312	EAST BENUANG BLOCK	*	
E	1400		*	
	1401	WEST BLOCK BENUANG	*	
	1402	EAST BENUANG BLOCK	*	
F	1500		*	
	1501	WEST BLOCK BENUANG	*	
	1502	EAST BENUANG BLOCK	*	
G	1600		*	
	1601	WEST BLOCK BENUANG	GAS	
	1602	EAST BENUANG BLOCK	*	
	1603	EAST BENUANG BLOCK	GAS	
H	1700		*	
	1701	WEST BLOCK BENUANG	*	
	1702	EEST BENUANG BLOCK	*	
J	1800		*	
	1801	WEST BLOCK BENUANG	*	
	1802	EAST BENUANG BLOCK	*	
K	1900		*	
	1901	WEST BLOCK BENUANG	OIL	
	1902	EAST BENUANG BLOCK	*	
L	2000		*	
	2001	WEST BLOCK BENUANG	*	
	2002	EAST BENUANG BLOCK	*	
L1	2010		*	
	2011	WEST BLOCK BENUANG	GAS	
	2012	EAST BENUANG BLOCK	GAS	

NOTES: - it does not currently produce.
* no prospect.

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
M	2100		*	
	2101	WEST BLOCK BENUANG	*	
	2102	EAST BENUANG BLOCK	*	
M1	2110		*	
	2111	WEST BLOCK BENUANG	*	
	2112	EAST BENUANG BLOCK	*	
N	2200		*	
	2201	WEST BLOCK BENUANG	*	
	2202	EAST BENUANG BLOCK	*	
N1	2210		*	
	2211	WEST BLOCK BENUANG	*	
	2212	EAST BENUANG BLOCK	*	
	2213	EAST BENUANG BLOCK	GAS	
N3	2230		*	
	2231	WEST BLOCK BENUANG	*	
	2232	EAST BENUANG BLOCK	*	
O	2300		*	
	2301	WEST BLOCK BENUANG	*	
	2302	EAST BENUANG BLOCK	*	
P	2400		*	
	2401	WEST BLOCK BENUANG	*	
	2402	EAST BENUANG BLOCK	*	
P2a	2420		*	
	2421	WEST BLOCK BENUANG	*	
	2422	EAST BENUANG BLOCK	*	
P2b	2430		*	
	2431	WEST BLOCK BENUANG	GAS	
	2432	EAST BENUANG BLOCK	*	
P2c	2440		*	
	2441	WEST BLOCK BENUANG	*	
	2442	EAST BENUANG BLOCK	*	
Q	2500		*	
	2501	WEST BLOCK BENUANG	*	
	2502	EAST BENUANG BLOCK	*	
R	2600		*	
	2601	WEST BLOCK BENUANG	*	
	2602	EAST BENUANG BLOCK	*	
S	2700		*	
	2701	WEST BLOCK BENUANG	GAS	
	2702	EAST BENUANG BLOCK	*	

NOTES: - it does not currently produce.
* no prospect.

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
T	2800		*	
	2801	WEST BLOCK BENUANG	*	
	2802	EAST BENUANG BLOCK	*	
U	2900		*	
	2901	WEST BLOCK BENUANG	*	
	2902	EAST BENUANG BLOCK	*	
V	3000		*	
	3001	WEST BLOCK BENUANG	*	
	3002	EAST BENUANG BLOCK	*	
W	3100		*	
	3101	WEST BLOCK BENUANG	*	
	3012	EAST BENUANG BLOCK	*	
X	3200		*	
	3201	WEST BLOCK BENUANG	*	
	3202	EAST BLOCK BENUANG	*	
Y	3300		*	
	3301	WEST BLOCK BENUANG	-	
	3302	EAST BENUANG BLOCK	*	
Z	3400		*	
	3401	WEST BLOCK BENUANG	*	
	3402	EAST BENUANG BLOCK	*	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : EAST BENAKAT
FIELD CODE : 280
FORMATION : TAF, except A,A1,A2 are BRF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
A	1000		*	
	1001	EB-6 REGION	*	
	1002	EB-15 REGION	*	
	1003	EB-19 REGION	GAS	
	1004	EB-20 REGION	*	
A1	1010		*	
	1011	EB-6 REGION	*	
	1012	EB-15 REGION	GAS	
	1013	EB-19 REGION	*	
	1014	EB-20 REGION	*	
A2	1020		*	
	1021	EB-6 REGION	-	
	1022	EB-15 REGION	GAS	
	1023	EB-19 REGION	*	
	1024	EB-20 REGION	*	
B	1100		*	
	1101	EB-6 REGION	*	
	1102	EB-15 REGION	OIL	
	1103	EB-19 REGION	*	
	1104	EB-20 REGION	*	
C	1200		*	
	1201	EB-6 REGION	OIL	
	1202	EB-15 REGION	OIL	
	1203	EB-19 REGION	*	
	1204	EB-20 REGION	*	
D	1300		*	
	1301	EB-6 REGION	OIL	
	1302	EB-15 REGION	*	
	1303	EB-19 REGION	*	
	1304	EB-20 REGION	*	
E,F	1400		*	
	1401	EB-6 REGION	-	
	1402	EB-15 REGION	OIL	
	1403	EB-19 REGION	*	
	1404	EB-20 REGION	*	
G	1500		*	
	1501	EB-6 REGION	*	
	1502	EB-15 REGION	*	
	1503	EB-19 REGION	*	
	1504	EB-20 REGION	*	

NOTES: - it does not currently produce.
* no prospect.

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
G1	1510		*	
	1511	EB-6 REGION	*	
	1512	EB-15 REGION	OIL	
	1513	EB-19 REGION	*	
	1514	BE-20 REGION	*	
	1520		*	
	1521	BE-6 REGION	*	
	1522	BE-15 REGION	OIL	
	1523	BE-19 REGION	*	
	1524	BE-20 REGION	*	
H	1600		*	
	1601	BE-6 REGION	OIL	
	1602	BE-15 REGION	OIL	
	1603	BE-19 REGION	*	
	1604	BE-20 REGION	*	
J	1700		*	
	1701	BE-6 REGION	*	
	1702	BE-15 REGION	*	
	1703	BE-19 REGION	*	
	1704	BE-20 REGION	*	
K	1800		*	
	1801	BE-6 REGION	*	
	1802	BE-15 REGION	-	
	1803	BE-19 REGION	*	
	1804	BE-20 REGION	*	
K2	1820		*	
	1821	BE-6 REGION	*	
	1822	BE-15 REGION	OIL	
	1823	BE-19 REGION	*	
	1824	BE-20 REGION	*	
L	1900		*	
	1901	BE-6 REGION	*	
	1902	BE-15 REGION	*	
	1903	BE-19 REGION	*	
	1904	BE-20 REGION	*	
L1	1910		*	
	1911	BE-6 REGION	-	
	1912	BE-15 REGION	OIL	
	1913	BE-19 REGION	*	
	1914	BE-20 REGION	*	
M	2000		*	
	2001	BE-6 REGION	*	
	2002	BE-15 REGION	OIL	
	2003	BE-19 REGION	*	
	2004	BE-20 REGION	*	

NOTES: - it does not currently produce.
* no prospect.

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
N	2100		*	
	2101	BE-6 REGION	*	
	2102	BE-15 REGION	*	
	2103	BE-19 REGION	*	
	2104	BE-20 REGION	*	
O	2200		*	
	2201	BE-6 REGION	*	
	2202	BE-15 REGION	*	
	2203	BE-19 REGION	*	
	2204	BE-20 REGION	*	
P	2300		*	
	2301	BE-6 REGION	*	
	2302	BE-15 REGION	*	
	2303	BE-19 REGION	*	
	2304	BE-20 REGION	*	
Q	2400		*	
	2401	BE-6 REGION	*	
	2402	BE-15 REGION	*	
	2403	BE-19 REGION	*	
	2404	BE-20 REGION	*	
R	2500		*	
	2501	BE-6 REGION	*	
	2502	BE-15 REGION	*	
	2503	BE-19 REGION	*	
	2504	BE-20 REGION	*	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : BELIMBING
FIELD CODE : 510
FORMATION : TAF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
R3	2130	BLOCK I	*	
	2133	BLOCK I	-	
	3130	BLOCK II	GAS	
	4130	BLOCK III	*	
R5	2150	BLOCK I	*	
	3150	BLOCK II	-	
	4150	BLOCK III	*	
S	2200	BLOCK I	OIL	
	3200	BLOCK II	OIL	
	4200	BLOCK III	-	
U	2300	BLOCK I	*	
	3300	BLOCK II	*	
	4300	BLOCK III	*	
W	2400	BLOCK I	*	
	2410	BLOCK I	-	
	3400	BLOCK II	*	
	4400	BLOCK III	*	
	4410	BLOCK III	-	
	4420	BLOCK III	-	
Xo	2500	BLOCK I	-	
	3500	BLOCK II	*	
	4500	BLOCK III	-	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : KUANG
FIELD CODE : 611
FORMATION : TAF, except, BRF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
D1,2	1200	KG-1 REGION	OIL	
	2200	KG-2 REGION	*	
E	1300	KG-1 REGION	*	
	2300	KG-2 REGION	*	
F	1400	KG-1 REGION	*	
	2400	KG-2 REGION	*	
G	1500	KG-1 REGION	*	
	2500	KG-2 REGION	*	
B,R,F	1600	KG-1 REGION	*	
	1602	KG-1 REGION	GAS	
	1604	KG-1 REGION	-	
	2600	KG-2 REGION	*	

FIELD NAME : BETUNG
FIELD CODE : 520
FORMATION : BRF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
B,R,F	1010	I	*	
B,R,F	1020	II	GAS	
B,R,F	1030	III	GAS	
B,R,F	1040	IV	-	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : BAJUBANG
FIELD CODE : 710
FORMATION : ABF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
a	7301	SOUTH/BL-I	-	
	7302	NORTH/BL-II	*	
A	7401	SOUTH/BL-I	*	
	7402	NORTH/BL-II	-	
B	7411	SOUTH/BL-I	*	
	7412	NORTH/BL-II	*	
C	7421	SOUTH/BL-I	*	
	7422	NORTH/BL-II	*	
D	7431	SOUTH/BL-I	*	
	7432	NORTH/BL-II	*	
E	7451	SOUTH/BL-I	-	
	7452	SOUTH/BL-II	-	
F	7461	SOUTH/BL-I	*	
	7462	NORTH/BL-II	*	
H	7501	SOUTH/BL-I	-	
	7502	NORTH/BL-II	-	
J1	7521	SOUTH/BL-I	-	
	7522	NORTH/BL-II	*	
	7542	-	-	
K	7601	SOUTH/BL-I	-	
	7602	NORTH/BL-II	-	
L	7651	SOUTH/BL-I	*	
	7652	NORTH/BL-II	*	
N	7781	SOUTH/BL-I	OIL	
	7782	NORTH/BL-II	OIL	
O	7801	SOUTH/BL-I	-	
	7802	NORTH/BL-II	*	
P	7821	SOUTH/BL-I	OIL	
	7822	NORTH/BL-II	OIL	
3a.R	7881	SOUTH/BL-I	OIL	
	7882	NORTH/BL-II	OIL	
4	7951	SOUTH/BL-I	-	
	7952	NORTH/BL-II	*	
4a	7981	SOUTH/BL-I	OIL	
	7982	NORTH/BL-II	-	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : TEMPINO
FIELD CODE : 710
FORMATION : ABF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
a	7461	EAST/BL-I	-	
	7462	WEST/BL-I	-	
	7463	EAST/BL-II	OIL	
	7464	WEST/BL-II	OIL	
	7465	EAST/BL-III	-	
	7466	WEST/BL-III	OIL	
	7467	EAST/BL-IV	*	
	7468	WEST/BL-IV	OIL	
A	7591	EAST/BL-I	-	
	7592	WEST/BL-I	OIL	
	7593	EAST/BL-II	OIL	
	7594	WEST/BL-II	OIL	
	7595	EAST/BL-III	OIL	
	7596	WEST/BL-III	OIL	
	7597	EAST/BL-IV	OIL	
	7598	WEST/BL-IV	OIL	
B	7601	EAST/BL-I	OIL	
	7602	WEST/BL-I	-	
	7603	EAST/BL-II	OIL	
	7604	WEST/BL-II	OIL	
	7605	EAST/BL-III	OIL	
	7606	WEST/BL-III	OIL	
	7607	EAST/BL-IV	OIL	
	7608	WEST/BL-IV	OIL	
C	7641	EAST/BL-I	*	
	7642	WEST/BL-I	*	
	7643	EAST/BL-II	OIL	
	7644	WEST/BL-II	OIL	
	7645	EAST/BL-III	OIL	
	7646	WEST/BL-III	OIL	
	7647	EAST/BL-IV	OIL	
	7648	WEST/BL-IV	OIL	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : TEMPINO
FIELD CODE : 720
FORMATION : ABF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
D	7651	EAST BL-I	*	
	7652	WEST BL-I	*	
	7653	EAST BL-II	OIL	
	7654	WEST BL-II	OIL	
	7655	EAST BL-III	OIL	
	7656	WEST BL-III	OIL	
	7657	EAST BL-IV	OIL	
	7658	WEST BL-IV	OIL	
E	7661	EAST BL-I	*	
	7662	WEST BL-I	*	
	7663	EAST BL-II	*	
	7664	WEST BL-II	OIL	
	7665	EAST BL-III	OIL	
	7666	WEST BL-III	OIL	
	7667	EAST BL-IV	OIL	
	7668	WEST BL-IV	OIL	
F	7681	EAST BL-I	OIL	
	7682	WEST BL-I	-	
	7683	EAST BL-II	OIL	
	7684	WEST BL-II	OIL	
	7685	EAST BL-III	OIL	
	7686	WEST BL-III	OIL	
	7687	EAST BL-IV	OIL	
	7688	WEST BL-IV	OIL	
G	7701	EAST BL-I	-	
	7702	WEST BL-I	-	
	7703	EAST BL-II	*	
	7704	WEST BL-II	-	
	7705	EAST BL-III	OIL	
	7706	WEST BL-III	OIL	
	7707	EAST BL-IV	OIL	
	7708	WEST BL-IV	OIL	
H	7721	EAST BL-I	-	
	7722	WEST BL-I	*	
	7723	EAST BL-II	*	
	7724	WEST BL-II	OIL	
	7725	EAST BL-III	OIL	
	7726	WEST BL-III	OIL	
	7727	EAST BL-IV	OIL	
	7728	WEST BL-IV	-	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : KENALI ASAM (MP)
FIELD CODE : 730
FORMATION : ABF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
GAS SAND	7561	SOUTH BL-I	GAS	
	7562	NORTH BL-II	GAS	
B1	7651	SOUTH BL-I	OIL	
	7652	NORTH BL-II	OIL	
B2	7660	-	OIL	
C	7690	-	OIL	
F	7730	-	OIL	
L	7900	-	OIL	
M	7930	-	OIL	
N	7990	-	GAS	
O	7920	-	GAS	
	7020		OIL	
P	7050	-	-	
R	7120	-	OIL	
S	7170	-	OIL	

FIELD NAME : SUNGAI GELAM
FIELD CODE : 740
FORMATION : ABF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
M	7130	SOUTH BL-III	-	
	7131	NORTH BL-II	*	
N	7132	NORTH BL-II	*	
	7140		GAS	
	7141		*	
N	7142	NORTH BL-II	*	
	7143	WEST BL-III	*	
	7144	EAST BL-III	*	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : SUNGAI LILIN
FIELD CODE : 750
FORMATION : ABF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
Ao	7800	-	OIL	
E2	7850	-	OIL	

FIELD NAME : SETITI BARAT LAUT
FIELD CODE : 760
FORMATION : ABF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
O	7760	-	-	

FIELD NAME : KENALI ASAM (MA)
FIELD CODE : 830
FORMATION : ABF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
f	8211	SOUTH BL-I	-	
	8212	NORTH BL-II	-	
d2.1	8321	SOUTH BL-I	OIL	
	8322	NORTH BL-II	OIL	
c	8361	SOUTH BL-I	OIL	
	8362	NORTH BL-II	-	
b.4.3	8401	SOUTH BL-I	OIL	
	8402	NORTH BL-II	OIL	
a.3.2	8481	SOUTH BL-I	OIL	
	8482	NORTH BL-II	OIL	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : TEMPINO TENGGARA
FIELD CODE : 770
FORMATION : ABF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
A	7590	-	GAS	
F	7680	-	*	

FIELD NAME : SETITI
FIELD CODE : 860
FORMATION : ABF

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
b	8600	-	OIL	
a	8500	-	-	

NOTES: - it does not currently produce.
* no prospect.

FIELD NAME : SENGETI
FIELD CODE : 780
FORMATION : TAF (PRODUETION)

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
e	7040		*	
	-	SOUTH		
	-	NORTH		
d3	7045		*	
	-	SOUTH		
	-	NORTH		
c1	7052		*	
	-	SOUTH		
	-	NORTH		
b10	7055		*	
	-	SOUTH		
	-	NORTH		
b9	7058		*	
	-	SOUTH		
	-	NORTH		
b6	7064		*	
	-	SOUTH		
	-	NORTH		
b5	7067		*	
	-	SOUTH		
	-	NORTH		
b3	7070		*	
	-	SOUTH		
	-	NORTH		
a7	7085		*	
	-	SOUTH		
	-	NORTH		
a6	7087		*	
	-	SOUTH		
	-	NORTH		
a5	7090		*	
	-	SOUTH		
	-	NORTH		
a4	7096		*	
	-	SOUTH		
	-	NORTH		
B	7000		*	
	-	SOUTH		
	-	NORTH		

NOTES: - it does not currently produce.
* no prospect.

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
C	7100		*	
	-	SOUTH		
	-	NORTH		
D1	7150		*	
	-	SOUTH		
	-	NORTH		
D2	7200		*	
	-	SOUTH		
	-	NORTH		
E	7230		*	
	-	SOUTH		
	-	NORTH		
G	7270		*	
	-	SOUTH		
	-	NORTH		
H	7320		*	
	-	SOUTH		
	-	NORTH		
J	7350		*	
	-	SOUTH		
	-	NORTH		
K	7450		*	
	-	SOUTH		
	-	NORTH		
L	7600		*	
	-	SOUTH		
	-	NORTH		
M	7640		OIL	
	7641	SOUTH	*	
	7642	NORTH	*	
N	7650		-	
	7651	SOUTH	*	
	7652	NORTH	*	
O1	7660		*	
	7661	SOUTH	*	
	7662	NORTH	*	
O2	7670		*	
	7671	SOUTH	*	
	7672	NORTH	*	
O3	7720		OIL	
	7721	SOUTH	*	
	7722	NORTH	*	

NOTES: - it does not currently produce.
* no prospect.

LAYER NAME	RESERVOIR CODE	REGION NAME	OIL or GAS RESERVOIR	REMARKS
P1	7750		OIL	
	7751	SOUTH	*	
	7752	NORTH	*	
P2	7760		-	
	7761	SOUTH	*	
	7762	NORTH	*	
P3	7770		*	
	7771	SOUTH	*	
	7772	NORTH	*	
P4	7790		-	
	7791	SOUTH	*	
	7792	NORTH	*	
Q	7800		OIL	
	7801	SOUTH	*	
	7802	NORTH	*	
R	7840		OIL	
	7791	SOUTH	*	
	7792	NORTH	*	
S	-			

NOTES: - it does not currently produce.
* no prospect.