(2) Production (1/11)

Card Name	Method / Parameter	E1	E2	E3	E4	E5	E6	E7
Header	Area code	○	○	○	○	○	○	○
	String system code	○	○	○	○	○	○	○
	Kind of completed zone	○	○	○	○	○	○	○
	Well status	○	○	○	○	○	○	○
	Type of reservoir content	○	○	○	○	○	○	○
	Kind of pressure for gas							
	Water cut	○	○	○	○	○	○	○
	Gas-oil ratio	○	○	○	○	○	○	○
	History of recompletion *1			○				
	Date *2	◎	◎	◎	◎	◎	◎	◎
	Period *3							
Facilities field	Facilities field code		(20)				(20)	
Field	Field code			(20)		(20)		(20)
Block station	Block station number							
Well	Well code							
Formation	Formation code				(7)			
Reservoir unit *4	Field code Reservoir unit code							

*1 - *4: See note 1 in page AII-35

(2) Production (2/11)

Card Name	Method / Parameter	E8	E9	E10	E11	E12	E13	E14
Header	Area code	○	○	○	○	○	○	○
	String system code	○	○	○	○	○	○	○
	Kind of completed zone	○					○	○
	Well status	○	○	○	○	○	○	○
	Type of reservoir content	○	○	○	○	○	○	○
	Kind of pressure for gas							
	Water cut	○	○	○	○	○	○	○
	Gas-oil ratio	○	○	○	○	○	○	○
	History of recompletion							
	Date	◎	◎	◎	◎	◎	◎	◎
	Period							
Facilities field	Facilities field code			(20)				(20)
Field	Field code	(20)				(20)		
Block station	Block station number							
Well	Well code							
Formation	Formation code				(7)			
Reservoir unit	Field code Reservoir unit code							

(2) Production (3/11)

Card Name	Method / Parameter	E15	E16	E17	E18	E19	E20	E21
Header	Area code	○	○	○	○	○	○	○
	String system code	○	○	○	○	○	○	○
	Kind of completed zone	○	○	○	○			
	Well status	○	○	○	○	○	○	○
	Type of reservoir content	○	○	○	○	○	○	○
	Kind of pressure for gas					○	○	○
	Water cut	○	○	○	○	○	○	○
	Gas-oil ratio	○	○	○	○	○	○	○
	History of recompletion	○						
	Date	◎	◎	◎	◎	◎	◎	◎
	Period							
Facilities field	Facilities field code		(20)				(20)	
Field	Field code	(20)			(20)			
Block station	Block station number							
Well	Well code							
Formation	Formation code			(7)				(7)
Reservoir unit	Field code Reservoir unit code							

(2) Production (4/11)

Card Name	Parameter \ Method	E22	E23	E24	E25	E26	E27	E28
Header	Area code	○		○	○			○
	String system code	○	○	○	○	○		○
	Kind of completed zone		○	○	○	○		○
	Well status	○	○	○	○	○		○
	Type of reservoir content	○	○	○	○	○		○
	Kind of pressure for gas	○						
	Water cut	○	○	○	○	○		○
	Gas-oil ratio	○	○	○	○	○		○
	History of recompletion							
	Date	◎						
	Period		◎	◎	◎	◎	◎	◎
Facilities field	Facilities field code					20		
Field	Field code	20			20		20	20
Block station	Block station number					20		
Well	Well code						20	
Formation	Formation code							7
Reservoir unit	Field code Reservoir unit code							

(2) Production (5/11)

Card Name	Method / Parameter	E29	E30	E31	E32	E33	E34	E35
Header	Area code			○	○		○	
	String system code	○	○	○	○	○	○	○
	Kind of completed zone	○						
	Well status	○	○	○	○	○	○	○
	Type of reservoir content	○	○	○	○	○	○	○
	Kind of pressure for gas							
	Water cut	○	○	○	○	○	○	○
	Gas-oil ratio	○	○	○	○	○	○	○
	History of recompletion							
	Date							
	Period	◎	◎	◎	◎	◎	◎	◎
Facilities field	Facilities field code					(20)		
Field	Field code	(20)			(20)		(20)	(20)
Block station	Block station number					(20)		
Well	Well code							
Formation	Formation code						(7)	
Reservoir unit	Field code Reservoir unit code	○						○

(2) Production (6/11)

Card Name	Method / Parameter	E36	E37	E38	E39	E40	E41	E42
Header	Area code			○			○	
	String system code	○	○	○	○		○	○
	Kind of completed zone	○	○	○	○		○	○
	Well status	○	○	○	○		○	○
	Type of reservoir content	○	○	○	○		○	○
	Kind of pressure for gas							
	Water cut	○	○	○	○		○	○
	Gas-oil ratio	○	○	○	○		○	○
	History of recompletion							
	Date							
	Period	◎	◎	◎	◎	◎	◎	◎
Facilities field	Facilities field code				(20)			
Field	Field code			(20)		(20)	(20)	(20)
Block station	Block station number				(20)			
Well	Well code					(20)		
Formation	Formation code						(7)	
Reservoir unit	Field code Reservoir unit code							○

(2) Production (7/11)

Card Name	Method / Parameter	E43	E44	E45	E46	E47	E48	E49
Header	Area code		○	○		○		
	String system code	○	○	○	○	○	○	○
	Kind of completed zone							○
	Well status	○	○	○	○	○	○	○
	Type of reservoir content	○	○	○	○	○	○	○
	Kind of pressure for gas	○	○	○	○	○	○	
	Water cut	○	○	○	○	○	○	○
	Gas-oil ratio	○	○	○	○	○	○	○
	History of recompletion							
	Date							
	Period	◎	◎	◎	◎	◎	◎	◎
Facilities field	Facilities field code				⑳			
Field	Field code			⑳		⑳	⑳	
Block station	Block station number				⑳			
Well	Well code							
Formation	Formation code					⑦		
Reservoir unit	Field code Reservoir unit code						○	

(2) Production (8/11)

Card Name	Method / Parameter	E50	E51	E52	E53	E54	E55	E56
Header	Area code	○	○			○		
	String system code	○	○	○		○	○	○
	Kind of completed zone	○	○	○		○	○	
	Well status	○	○	○		○	○	○
	Type of reservoir content	○	○	○		○	○	○
	Kind of pressure for gas							
	Water cut	○	○	○		○	○	○
	Gas-oil ratio	○	○	○		○	○	○
	History of recompletion							
	Date							
	Period	◎	◎	◎	◎	◎	◎	◎
Facilities field	Facilities field code			20				
Field	Field code		20		20	20	20	
Block station	Block station number			20				
Well	Well code				20			
Formation	Formation code					7		
Reservoir unit	Field code Reservoir unit code						○	

(2) Production (9/11)

Card Name	Method / Parameter	E57	E58	E59	E60	E61	E62	E63
Header	Area code	○	○		○			○
	String system code	○	○	○	○	○	○	○
	Kind of completed zone						○	○
	Well status	○	○	○	○	○	○	○
	Type of reservoir content	○	○	○	○	○	○	○
	Kind of pressure for gas							
	Water cut	○	○	○	○	○	○	○
	Gas-oil ratio	○	○	○	○	○	○	○
	History of recompletion							
	Date							
	Period	◎	◎	◎	◎	◎	◎	◎
Facilities field	Facilities field code			(20)				
Field	Field code		(20)		(20)	(20)		
Block station	Block station number			(20)				
Well	Well code							
Formation	Formation code				(7)			
Reservoir unit	Field code Reservoir unit code					○		

(2) Production (10/11)

Card Name	Method / Parameter	E64	E65	E66	E67	E68	E69	E70
Header	Area code	○			○			○
	String system code	○	○		○	○	○	○
	Kind of completed zone	○	○		○	○		
	Well status	○	○		○	○	○	○
	Type of reservoir content	○	○		○	○	○	○
	Kind of pressure for gas						○	○
	Water cut	○	○		○	○	○	○
	Gas-oil ratio	○	○		○	○	○	○
	History of recompletion							
	Date							
	Period	◎	◎	◎	◎	◎	◎	◎
Facilities field	Facilities field code		(20)					
Field	Field code	(20)		(20)	(20)	(20)		
Block station	Block station number		(20)					
Well	Well code			(20)				
Formation	Formation code				(7)			
Reservoir unit	Field code Reservoir unit code					○		

(2) Production (11/11)

Card Name	Method / Parameter	E71	E72	E73	E74			
Header	Area code	○		○				
	String system code	○	○	○	○			
	Kind of completed zone							
	Well status	○	○	○	○			
	Type of reservoir content	○	○	○	○			
	Kind of pressure for gas	○	○	○	○			
	Water cut	○	○	○	○			
	Gas-oil ratio	○	○	○	○			
	History of recompletion							
	Date							
	Period	◎	◎	◎	◎			
Facilities field	Facilities field code		20					
Field	Field code	20		20	20			
Block station	Block station number		20					
Well	Well code							
Formation	Formation code			7				
Reservoir unit	Field code Reservoir unit code				○			

Note 1

*1 Followings should not be assigned parameter with "History of recomplétion".

String system code
Well status
Water cut
Gas-oil ratio

*2 Date (PBA02MPR) is retrieved.

*3 Date (PBA02MPR) is retrieved.

*4 Field code 5
Reservoir unit code 10

(3) Injection (1/6)

Card Name	Parameter \ Method	E101	E102	E103	E104	E105	E106	E107
Header	Area code	○	○	○	○	○	○	○
	String system code	○	○	○	○	○	○	○
	Kind of completed zone	○	○	○	○	○	○	○
	Well status	○	○	○	○	○	○	○
	Type of reservoir content	○	○	○	○	○	○	○
	Kind of injection fluid	○	○	○	○	○	○	○
	History of recomplétion *1		○			○	○	
	Date *2	◎	◎	◎	◎	◎	◎	◎
	Period *3							
Facilities field	Facilities field code							
Field	Field code		(20)		(20)	(20)	(20)	
Block station	Block station number							
Well	Well code			(20)				
Formation	Formation code							
Reservoir unit *4	Field code Reservoir unit code							

*1 - *4: See note 2 in page AII-42

(3) Injection (2/6)

Card Name	Parameter \ Method	E108	E109	E110	E111	E112	E113	E114
Header	Area code	○	○	○	○	○		○
	String system code	○	○	○	○	○	○	○
	Kind of completed zone	○	○	○	○	○	○	○
	Well status	○	○	○	○	○	○	○
	Type of reservoir content	○	○	○	○	○	○	○
	Kind of injection fluid	○	○	○	○	○	○	○
	History of recompletion	○			○	○		
	Date	◎	◎	◎	◎	◎		
	Period						◎	◎
Facilities field	Facilities field code							
Field	Field code	(20)		(20)	(20)	(20)		
Block station	Block station number							
Well	Well code							
Formation	Formation code		(7)					
Reservoir unit	Field code Reservoir unit code							

(3) Injection (3/6)

Card Name	Parameter \ Method	B115	B116	B117	B118	B119	B120	B121
Header	Area code	○		○			○	○
	String system code	○		○	○	○	○	○
	Kind of completed zone	○		○	○	○	○	○
	Well status			○	○	○	○	○
	Type of reservoir content	○		○	○	○	○	○
	Kind of injection fluid	○		○	○	○	○	○
	History of recompletion							
	Date							
	Period	◎	◎	◎	◎	◎	◎	◎
Facilities field	Facilities field code							
Field	Field code	(20)	(20)	(20)	(20)			(20)
Block station	Block station number							
Well	Well code		(20)					
Formation	Formation code			(7)				
Reservoir unit	Field code Reservoir unit code				○			

(3) Injection (4/6)

Card Name	Parameter \ Method	E122	E123	E124	E125	E126	E127	E128
Header	Area code		○			○	○	
	String system code		○	○	○	○	○	
	Kind of completed zone		○	○	○	○	○	
	Well status		○	○	○	○		
	Type of reservoir content	○	○	○	○	○	○	
	Kind of injection fluid				○	○	○	
	History of recompletion							
	Date							
	Period	◎	◎	◎	◎	◎	◎	◎
Facilities field	Facilities field code							
Field	Field code	20	20	20			20	20
Block station	Block station number							
Well	Well code							20
Formation	Formation code		7					
Reservoir unit	Field code Reservoir unit code			○				

(3) Injection (5/6)

Card Name	Method / Parameter	E129	E130	E131	E132	E133	E134	E135
Header	Area code	○			○	○		○
	String system code	○	○	○	○	○		○
	Kind of completed zone	○	○	○	○	○		○
	Well status	○	○	○	○	○		○
	Type of reservoir content	○	○	○	○	○	○	○
	Kind of injection fluid	○	○	○	○	○		
	History of recompletion							
	Date							
	Period	◎	◎	◎	◎	◎	◎	◎
Facilities field	Facilities field code							
Field	Field code	(20)	(20)			(20)	(20)	(20)
Block station	Block station number							
Well	Well code							
Formation	Formation code	(7)						(7)
Reservoir unit	Field code Reservoir unit code		○					

(3) Injection (6/6)

Card Name	Parameter \ Method	E136						
Header	Area code							
	String system code	○						
	Kind of completed zone	○						
	Well status	○						
	Type of reservoir content	○						
	Kind of injection fluid							
	History of recompletion							
	Date							
	Period	◎						
Facilities field	Facilities field code							
Field	Field code	(20)						
Block station	Block station number							
Well	Well code							
Formation	Formation code							
Reservoir unit	Field code Reservoir unit code	○						

Note 2

*1 Followings should not be assigned parameter with "History of recompletion".

String system code

Well status

*2 Date (PEA04MIJ) is retrieved.

*3 Date (PEA04MIJ) is retrieved.

*4 Field code 5

Reservoir unit code 10

(4) Consumption (1 / 5)

Card Name	Parameter \ Method	E201	E202	E203	E204	E205	E206	E207
Header	Area code		○	○	○	○		○
	Kind of pressure for gas			○	○	○		
	Date *1	◎	◎	◎	◎	◎		
	Period *2						◎	◎
Field	Field code							

*1 Date (PEC01GCS) is retrieved.

*2 Date (PEC01GCS) is retrieved.

(4) Consumption (2/5)

Card Name	Parameter \ Method	E208	E209	E210	E211	E212	E213	E214
Header	Area code	○		○	○		○	○
	Kind of pressure for gas		○	○	○	○	○	○
	Date							
	Period *1	◎	◎	◎	◎	◎	◎	◎
Field	Field code	(20)			(20)			(20)

*1 Date (PEC01GCS) is retrieved.

(4) Consumption (3 / 5)

Card Name	Method / Parameter	E215	E216	E217	E218	E219	E220	E221
Header	Area code		○	○		○	○	
	Kind of pressure for gas	○	○	○				○
	Date							
	Period *1	◎	◎	◎	◎	◎	◎	◎
Field	Field code			(20)			(20)	

*1 Date (PEC01GCS) is retrieved.

(4) Consumption (4 / 5)

Card Name	Method / Parameter	E222	E223	E224	E225	E226	E227	E228
Header	Area code	○	○		○	○		○
	Kind of pressure for gas	○	○	○	○	○	○	○
	Date							
	Period *1	◎	◎	◎	◎	◎	◎	◎
Field	Field code		20			20		

*1 Date (PEC01GCS) is retrieved.

(4) Consumption (5 / 5)

Card Name	Method / Parameter	E229	E230	E231	E232	E233	E234	
Header	Area code	○			○		○	
	Kind of pressure for gas	○						
	Date *1		○					
	Period *2	◎		◎	◎	◎	◎	
Field	Field code	(20)						

*1 Date (PEB01OCS) is retrieved.

*2 Followings are retrieved.

Date (PEC01GCS) E229

Date (PEB01OCS) E231, E232, E233, E234

(5) Well report (1/2)

Card Name	Parameter \ Method	B301	B302	B303	B304	B305	B306	B307
Header	Area code	○	○	○	○	○	○	○
	String system code	○	○	○	○	○	○	○
	Kind of completed zone	○	○	○	○	○	○	○
	Well status							
	Type of reservoir content	○	○	○	○	○	○	○
	Completion status							
	Date *1	◎	◎	◎	◎	◎	◎	◎
Field	Field code		(20)		(20)		(20)	
Well	Well code							
Reservoir unit	Field code Reservoir unit code							

* Followings are retrieved.

B301, B302 ..... Date (PEA02MPR), Date (PEA04MIJ) and Date (PEA01PIN)

B303, B304 ..... Date (PEA02MPR)

B305, B306 ..... Date (PEA02MIJ)

B307 ..... Date (PEA02MPR) and Date (PEA04MIJ)

(5) Well report (2 / 2)

Card Name	Parameter \ Method	E308	E309	E310	E311	E312	E313	
Header	Area code	○	○	○		○	○	
	String system code	○	○	○		○		
	Kind of completed zone	○	○	○		○		
	Well status					○		
	Type of reservoir content	○	○	○	○			
	Completion status						○	
	Date *1	◎	◎	◎	◎			
Field	Field code	20		20	20	20	20	
Well	Well code				20			
Reservoir unit *2	Field code Reservoir unit code				○			

*1 Date (PEA02MPR) and Date (PEA04MIJ) are retrieved.

*2 Field code 5

Reservoir unit code 20

1-6 F-Reserves Data Information

(1) Basic output

Card Name	Method / Parameter	F0-1	F0-2	F0-21	F0-22			
Header	Area code	○	○	○	○			
	Type of reservior content		○	○	○			
	Period *1	○	○	○	○			
Field	Field code	(20)	(20)	(20)	(20)			
Reservoir unit	Field code Reservoir unit code	(20)	(20)	(20)	(20)			

*1 Followings are retrieved.

Date (PFA02OSG) and Date (PFA03COG) F0-1, F0-2, F0-21

Date (PFA03COG) F0-22

(2) Reserves (1/2)

Card Name	Method / Parameter	F1	F2	F3	F4	F5	F6	F7
Header	Area code	○	○	○	○	○	○	○
	Formation code		○				○	
	Development status of reservoir unit	○	○	○	○	○	○	○
	Kind of reserves	◎	◎	◎		◎	◎	◎
	Kind of recovery method	○	○	○	○	○	○	○
	Abandonment condition for gas cap zone and gas reservoir *1	◎	◎	◎	◎	◎	◎	◎
	Date *2	◎	◎	◎	◎	◎	◎	◎
	Period							
Field	Field code			(20)	(20)			(20)
Reservoir unit	Field code Reservoir unit code							

*1 In case "Kind of reserves" is "2", "3", "5" or "6"

*2 Followings are retrieved.

F1, F2, F3, F5, F6, F7 .....
(in case of oil zone)
Date (PFA020SG)
(in case of gas cap zone and gas reservoir)
Date (PFA03COG)

F4 ..... Date (PFA020SG) and Date (PFA03COG)

(2) Reserves (2/2)

Card Name	Parameter \ Method	F8	F9	F10	F11	F12	F13	F14
Header	Area code	○		○		○		
	Formation code					○		
	Development status of reservoir unit	○	○	○	○	○		
	Kind of reserves		◎	◎	◎	◎	◎	
	Kind of recovery method	○	○	○	○	○	○	○
	Abandonment condition for gas cap zone and gas reservoir *1	◎	◎	◎	◎	◎	◎	◎
	Date *2	◎						
	Period *3		◎	◎	◎	◎	◎	◎
Field	Field code	(20)			(20)	(20)	(20)	(20)
Reservoir unit *4	Field code Reservoir unit code						◎	◎

*1 In case "Kind of reserves" is "2", "3", "5" or "6"

*2 Date (PFA020SG) and Date (PFA03COG) are retrieved.

*3 Followings are retrieved.

F9, F10, F11, F12, F13 .. (in case of oil zone)
Date (PFA020SG)
(in case of gas cap zone and gas reservoir)
Date (PFA03COG)

F14 ..... Date (PFA020SG) and Date (PFA03COG)

*4 Field code 5
Reservoir unit code 10

(3) Reservoir parameter

Card Name	Method / Parameter	F15	F16					
Header	Area code	○	○					
	Type of reservoir content	○	○					
	Date *1	◎	◎					
Field	Field code	(20)	(20)					
Reservoir unit *2	Field code Reservoir unit code	○	○					

*1 Followings are retrieved.

F15 ..... Date (PFA020SG)

F16 ..... Date (PFA03C0G)

*2 Field code 5

Reservoir unit code 10

1-7 G-Production Operation Data Information

(1) Well test and stimulation (1/2)

Card Name	Method / Parameter	G0-1	G0-11	G0-12	G0-13	G0-14	G0-15	G1
Header	Formation code		○					
	Area code	○	○	○	○	○	○	○
	Workover number	◎	◎	◎	◎	◎	◎	◎
	Period *1	○	○	○	○	○	○	○
Field	Field code	(20)	(20)	(20)	(20)	(20)	(20)	(20)
Well	Well code	(20)	(20)	(20)	(20)	(20)	(20)	(20)
Reservoir unit *2	Field code Reservoir unit code	○	○	○	○	○	○	○
Layer *3	Field code Layer code	○	○	○	○	○	○	○
#1	Kind or type of well test and stimulation	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Well test and stimulation	Well test and stimulation code	(20)						

#1 Kind or type of well test and stimulation

*1 Test or stimulation period is retrieved.

*2 Field code 10
Reservoir unit code 20

*3 Field code 10
Layer code 20

(1) Well test and stimulation (2/2)

Card Name	Method / Parameter	G2	G3	G4	G5	G6	G7	
Header	Formation code							
	Area code	○		○	○	○	○	
	Workover number	◎				◎	◎	
	Period *1	○	○			○	○	
Field	Field code	20	20	20	20	20	20	
Well	Well code	20	20	20	20	20	20	
Reservoir unit *2	Field code Reservoir unit code	○	○	○	○	○	○	
Layer *3	Field code Layer code	○		○		○	○	
#1	Kind or type of well test and stimulation	1		1	1	1	1	
Well test and stimulation	Well test and stimulation code							

#1 Kind or type of well test and stimulation

*1 Test or stimulation period is retrieved.

*2 Field code 10
Reservoir unit code 20

*3 Field code 10
Layer code 20

(2) Field laboratory fluid analysis (1/2)

Card Name	Method / Parameter	G0-2	G0-21	G0-22	G0-23	G0-24	G8	G9
Header	Station or well *1	◎	◎	◎	◎	◎		
	Area code	○	○	○	○	○		
	Workover number	◎	◎	◎	◎	◎	◎	
	Period *2	○	○	○	○	○	○	○
Facilities field	Facilities field code	(20)	(20)	(20)	(20)	(20)		(20)
Station	Station code	(20)	(20)	(20)	(20)	(20)		(20)
Field	Field code	(20)	(20)	(20)	(20)	(20)	(20)	
Well	Well code	(20)	(20)	(20)	(20)	(20)	(20)	
Reservoir unit *3	Field code Reservoir unit code	○	○	○	○	○	○	
Layer *4	Field code Layer code	○	○	○	○	○	○	
#1	Field laboratory fluid analysis code	(20)						

#1 Field laboratory fluid analysis

*1 Followings are allowed to be assigned according to station or well.

(in case of station)

Facilities field code

Station code

(in case of well)

Workover number and period

Field code

Well code

Reservoir unit code

Layer code

*2 Sampling date is retrieved.

*3 Field code 10
Reservoir unit code 20

*4 Field code 10
Layer code 20

(2) Field laboratory fluid analysis (2/2)

Card Name	Method / Parameter	G10	G11	G12	G13			
Header	Station or well							
	Area code							
	Workover number	◎		◎				
	Period *1		○		○			
Facilities field	Facilities field code		(20)		(20)			
Station	Station code		(20)		(20)			
Field	Field code	(20)		(20)				
Well	Well code	(20)		(20)				
Reservoir unit *2	Field code Reservoir unit code	○		○				
Layer *3	Field code Layer code	○		○				
#1	Field laboratory fluid analysis code							

#1 Field laboratory fluid analysis

*1 Sampling date is retrieved.

*2 Field code 10
Reservoir unit code 20

*3 Field code 10
Layer code 20

1-8 H-Production Facilities Data Information

(1) Production facilities (1/3)

Card Name	Parameter \ Method	H0-1	H0-11	H0-12	H0-2	H0-21	H0-22	H1
Header	Field office code	○	○	○	○	○	○	○
	Kind of station	○	○	○	○	○	○	○
	Result of inspection				○		○	
	"Written off" or "Not" for equipment				○	○	○	
	Period *1	○	○	○	○	○	○	○
Facilities field	Facilities field code	(20)	(20)	(20)	(20)	(20)	(20)	(20)
Station	Station code	(20)	(20)	(20)	(20)	(20)	(20)	(20)
Kind of equipment and specification	Kind of equipment				(10)	(10)	(10)	
	Main specification				○	○	○	
Manufacturer	Manufacturer code							
Equipment	Equipment code				(20)	(20)	(20)	

*1 Followings are retrieved.

Date of station delivery H0-1, H0-11, H1
Modification period (End date) H0-12
Date of installation H0-2, H0-21
Work period (End date) H0-22

(1) Production facilities (2/3)

Card Name	Parameter \ Method	H2	H3	H4	H5	H6	H7	H8
Header	Field office code	○	○	○	○	○	○	○
	Kind of station	○	○	○	○	○	○	○
	Result of inspection							
	"Written off" or "Not" for equipment			○	○	○	○	
	Period *1	○	◎	○	○	○	◎	○
Facilities field	Facilities field code	(20)	(20)	(20)	(20)	(20)	(20)	(20)
Station	Station code	(20)		(20)	(20)	(20)	(20)	(20)
Kind of equipment and specification	Kind of equipment			(10)	(10)	(10)	(10)	
	Main specification			○	○			
Manufacturer	Manufacturer code					(10)		
Equipment	Equipment code			(20)				

*1 Followings are retrieved.

Date of station delivery H2, H3
Date of installation H4, H5, H6, H7
Modification period (End date) H8

(1) Production facilities (3/3)

Card Name	Method / Parameter	H9	H10	H11				
Header	Field office code	○	○	○				
	Kind of station	○	○	○				
	Result of inspection	○						
	"Written off" or "Not" for equipment							
	Period *1	○	○	○				
Facilities field	Facilities field code	20	20	20				
Station	Station code	20	20	20				
Kind of equipment and specification	Kind of equipment	10	10					
	Main specification							
Manufacturer	Manufacturer code							
Equipment	Equipment code	20	20					

*1 Followings are retrieved.

Work period (End date) H9, H10

Date of installation H11

1-9 I-Pipeline Data Information

(1) Pipeline (1/2)

Card Name	Method / Parameter	I0-1	I0-11	I0-12	I1	I2	I3	I4
Header	Field office code	○	○	○	○	○	○	○
	Kind of station	○	○	○	○	○	○	○
	Kind of linepipe	○	○	○	○	○	○	○
	Nominal size	○	○	○	○	○	○	
	Result of inspection	○		○				○
	"Written off" or "Not" for pipeline	○	○	○	○	○	○	
	Period *1	○	○	○	○	○	◎	○
Facilities field	Facilities field code	(20)	(20)	(20)	(20)	(20)	(20)	(20)
Station	Station code	(20)	(20)	(20)	(20)	(20)	(20)	(20)
Pipeline	Pipeline code	(20)	(20)	(20)	(20)	(20)	(20)	(20)

*1 Followings are retrieved.

Date of installation I0-1, I0-11, I1, I2, I3

Work period (End date) I0-12, I4

(1) Pipeline (2/2)

Card Name	Method / Parameter	I5						
Header	Field office code	○						
	Kind of station	○						
	Kind of linepipe	○						
	Nominal size							
	Result of inspection							
	"Written off" or "Not" for pipeline							
	Period *1	○						
Facilities field	Facilities field code	20						
Station	Station code	20						
Pipeline	Pipeline code	20						

*1 Work period (End Date) is retrieved.

PAGE

2-1 A-Geological Data and Contract Area Information

(1) Contract area

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"A0-1 ", "A0-11", "A0-12", "A1 ", "A2 "
3	Province code	16	X(1)*7	Refer to APPENDIX IV.
4	Kind of contract	23	X(1)*4	Refer to APPENDIX IV.
5	Period	27	X(12)	Ex. "DDMMYYDDMMYY"

(2) Geological survey

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"A0-2 ", "A3 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	Kind of geological survey	22	X(2)*6	Refer to APPENDIX IV.
5	PERTAMINA or contractor	34	X(1)	Refer to APPENDIX IV.
6	Period	35	X(12)	Ex. "DDMMYYDDMMYY"

(3) Geological analysis

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"A0-3 ", "A4 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	Kind of geological analysis	22	X(2)*7	Refer to APPENDIX IV.
5	PERTAMINA or contractor	36	X(1)	Refer to APPENDIX IV.
6	Period	37	X(12)	Ex. "DDMMYYDDMMYY"

(4) Map, figure and report

No.	Item Name	Position	Properties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"A0-5 ", "A0-6 ", "A6 ", "A7 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	Kind of map	22	X(2)*5	Refer to APPENDIX IV.
5	Kind of report	22	X(2)*5	Refer to APPENDIX IV.
6	Point coodinate	32	X(8)*2	Ex. Longitude " 0300523" (30.5.23) Latitude "-0010000" (-1.0.0)
7	Scale (Horizontal)	48	X(7)	Ex. "1000000" (1: 1000000)
8	Scale (Vertical)	55	X(7)	Ex. "1000000" (1: 1000000)
9	Sorting pattern	62	X(4)	Followings are codes to be used. "CODE": Sorting by map code "DATE": Sorting by date
10	Period	66	X(12)	Ex. "DDMMYYDDMMYY"

(5) Miscellaneous

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"A0-4 ", "A5 ", "A8 "∿"A15 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	Kind of geological survey	22	X(2)*6	Refer to APPENDIX IV.
5	Kind of geological analysis	34	X(2)*7	Refer to APPENDIX IV.
6	Type of trap	48	X(1)*4	Refer to APPENDIX IV.
7	Objective of well	52	X(1)*4	Refer to APPENDIX IV.
8	PERTAMINA or contractor	56	X(1)	Refer to APPENDIX IV.
9	Kind of geophysical survey	57	X(1)*4	Refer to APPENDIX IV.
10	Period	61	X(12)	Ex. "DDMMYYDDMMYY"

2-2 B-Geophysical Data Information

(1) Basic Output

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"B0-1 ", "B0-11", "B0-12", "B0-13", "B0-14", "B0-15", "B0-2 ", "B0-21", "B0-22", "B0-23", "B0-24", "B0-3 ", "B0-31", "B0-32", "B0-33", "B0-34", "B0-4 ", "B0-5 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	Method of survey	22	X(1)	Refer to APPENDIX IV.
5	Period	23	X(12)	Ex. "DDMMYYDDMMYY"

(2) Map and report

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"B5 ", "B6 ", "B15 ", "B16 ", "B17 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	Method of survey	22	X(1)	Refer to APPENDIX IV.
5	Kind of map	23	X(2)*5	Refer to APPENDIX IV.
6	Kind of report	33	X(2)*5	Refer to APPENDIX IV.
7	Horizon code	43	X(2)*4	Refer to APPENDIX IV.
8	Scale	51	X(7)*2	Ex. "1000000" (1: 1000000)
9	Period	65	X(12)	Ex. "DDMMYYDDMMYY"

(3) Miscellaneous

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"B1 "∿"B4 ", "B7 "∿"B14 "
3	Main area code	16	X(2)*3	Refer to APPENDIX IV.
4	Area code	22	X(2)*3	Refer to APPENDIX IV.
5	Kind of geophysical survey and study	28	X(1)*5	Refer to APPENDIX IV.
6	Period	33	X(12)	Ex. "DDMMYYDDMMYY"

2-3 C-Well Data Information

(1) Basic output

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"CO-1 ", "CO-11", "CO-12", "CO-13", "CO-14", "CO-15", "CO-16"
3	Province code	16	X(1)*7	Refer to APPENDIX IV.
4	Area code	23	X(2)*3	Refer to APPENDIX IV.
5	Field office code	29	X(1)*2	Refer to APPENDIX IV.
6	Objective of well	31	X(1)*3	Refer to APPENDIX IV.
7	Objective of workover	34	X(1)*3	Refer to APPENDIX IV.
8	Completion status	37	X(1)*2	Refer to APPENDIX IV.
9	Workover number	39	X(3)	Followings are codes to be used. "ALL": All well "ORI": Original well "WOR": Workover well "CUR": Current well " 99": Workover number
10	Period	42	X(12)	Ex. "DDMMYYDDMMYY"

(2) Completion

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"C8 "∿"C13 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	Completion status	22	X(1)*2	Refer to APPENDIX IV.
5	String specification	24	X(1)*4	Refer to APPENDIX IV.
6	Type of subsurface pump	28	X(1)*2	Refer to APPENDIX IV.
7	Macaroni pipe	30	X(1)	Refer to APPENDIX IV.

(3) Drilling

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"C14 "∿"C20 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	Bit size	22	X(6)	Ex. "130308" (13 3/8) [Inch]
5	Kind of trouble	28	X(1)*7	Refer to APPENDIX IV.
6	Period	35	X(12)	Ex. "DDMMYYDDMMYY"

(4) Test

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"C21 "∿"C27 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	Objective of well	22	X(1)*3	Refer to APPENDIX IV.
5	Kind of log	25	X(2)*4	Refer to APPENDIX IV.
6	Period	33	X(12)	Ex. "DDMMYYDDMMYY"

(5) Miscellaneous

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"C1 "∿"C7 ", "C28 "∿"C33 "
3	Province code	16	X(1)*7	Refer to APPENDIX IV.
4	Area code	23	X(2)*3	Refer to APPENDIX IV.
5	Field office code	29	X(1)*2	Refer to APPENDIX IV.
6	Objective of well	31	X(1)*3	Refer to APPENDIX IV.
7	Objective of workover	34	X(1)*3	Refer to APPENDIX IV.
8	Completion status	37	X(1)*2	Refer to APPENDIX IV.
9	Date	39	X(6)	Ex. "DDMMYY"
10	Workover number	45	X(3)	Followings are codes to be used. "ALL": All well "ORI": Original well "WOR": Workover well
11	Period	48	X(12)	Ex. "DDMMYYDDMMYY"

2-4 D-Petrophysical and PVT Analysis Data Information

(1) Petrophysical and PVT analysis

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"D0-1 ", "D1 "∿"D3 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	Formation code	22	X(2)*7	Refer to APPENDIX IV.
5	Kind of petrophysical and PVT analysis	36	X(1)	Refer to APPENDIX IV.
6	Period	37	X(12)	Ex. "DDMMYYDDMMYY"

2-5 E-Production Information

(1) Basic output

No.	Item Name	Position	Properties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"E0-1 ", "E0-2 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	Period	22	X(8)	Ex. "MMYYMMYY"

(2) Production (1/2)

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"E1 "∿"E74 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	String system code	22	X(1)*3	Followings are codes to be used. 1: Single 2: Annulas 3: Dual 4: Twin 5: Triple 6: Twin and annulas 7: Triple and annulas
5	Kind of completed zone	25	X(1)*3	Refer to APPENDIX IV.
6	Well status			Refer to APPENDIX IV.
-1	String specification	28	X(1)*5	
-2	Current status	33	X(2)*5	
7	Type of reservoir content	43	X(1)*2	Refer to APPENDIX IV.
8	Kind of pressure for gas	45	X(1)*2	Followings are codes to be used. 1: High pressure gas 2: Medium pressure gas 3: Low pressure gas
9	Water cut	47	X(3)*2	Ex."050"∿"100" [%]
10	Gas-oil ratio	53	X(6)*2	Ex. "010000"∿"015000" [MM3/M3]
11	History of recompletion	65	X(1)	Followings are codes to be used. "C" or " ": Current well "H" : Historical well

(2) Production (2/2)

No.	Item Name	Posi-tion	Prop-erties	Remarks
12	Date or period	66	X(8)	Ex. Date "MMYY " Period "MMYYMMYY"

(3) Injection

No.	Item Name	Position	Properties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"E101 "∿"E136 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	String system code	22	X(1)*3	Followings are codes to be used. 1: Single 2: Annulas 3: Dual 4: Twin 5: Triple 6: Twin and annulas 7: Triple and annulas
5	Kind of completed zone	25	X(1)*3	Refer to APPENDIX IV.
6	Well status			Refer to APPENDIX IV.
-1	String specification	28	X(1)*5	
-2	Current status	33	X(2)*5	
7	Type of reservoir content	43	X(1)*2	Refer to APPENDIX IV.
8	Kind of injection fluid	45	X(1)*7	Refer to APPENDIX IV.
9	History of recompletion	52	X(1)	Followings are codes to be used. "C" or " ": Current well "H" : Historical well
10	Date or period	53	X(8)	Ex. Date "MMYY " Period "MMYYMMYY"

(4) Consumption

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"B201 "∿"B234 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	Kind of pressure for gas	22	X(1)*2	Followings are codes to be used. 1: High pressure gas 2: Medium pressure gas 3: Low pressure gas
5	Date or period	24	X(8)	Ex. Date "MMYY " Period "MMYYMMYY"

(5) Well report

No.	Item Name	Position	Properties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"E301 "∿"E313 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	String system code	22	X(1)*3	Followings are codes to be used. 1: Single 2: Annulas 3: Dual 4: Twin 5: Triple 6: Twin and annulas 7: Triple and annulas
5	Kind of completed zone	25	X(1)*3	Refer to APPENDIX IV.
6	Well status			Refer to APPENDIX IV.
-1	String specification	28	X(1)*5	
-2	Current status	33	X(2)*5	
7	Type of reservoir content	43	X(1)*2	Refer to APPENDIX IV.
8	Completion status	45	X(1)*2	Refer to APPENDIX IV.
9	Date	47	X(4)	Ex. "MMYY"

2-6 F-Reserves Data Information

(1) Basic output

..o.	Item Name	Posi-tion	Prop-erties	Remarks
'	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"FO-1 ", "FO-2 ", "FO-21", "FO-22"
3	Type of reservoir content	16	X(1)*2	Refer to APPENDIX IV.
4	Period	18	X(4)	Ex. "YYYY"

(2) Reserves

No.	Item Name	Position	Properties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"P1 "∿"P14 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	Formation code	22	X(2)*4	Refer to APPENDIX IV.
5	Development status of reservoir unit	30	X(1)*6	Refer to APPENDIX IV.
6	Kind of reserves	36	X(1)*3	See note 1 in page AII-88
7	Kind of recovery method	39	X(1)*2	Refer to APPENDIX IV.
8	Abandonment condition for gas cap zone and gas reservoir	41	X(1)	Followings are codes to be used. 1: High pressure 2: Low pressure
9	Date or period	42	X(4)	Ex. Date "YY " Period "YYYY"

Note 1: Kind of Reserves

Code	Name	Abbrebiation
1	Oil	Oil
2	Gas cap condensate	Condensate
3	Non associated condensate	Condensate
4	Solution gas	S. Gas
5	Gas cap gas	G.C. Gas
6	Non associated gas	Gas

(3) Reservoir parameter

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"P15 ", "P16 "
3	Area code	16	X(2)*3	Refer to APPENDIX IV.
4	Type of reservoir content	22	X(1)*2	Refer to APPENDIX IV.
5	Date	24	X(2)	Ex. "YY"

2-7 G-Production Operation Data Information

(1) Well test and stimulation

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"G0-1 ", "G0-11", "G0-12", "G0-13", "G0-14", "G0-15", "G1 " ∿"G7 "
3	Formation code	16	X(2)*4	Refer to APPENDIX IV.
4	Area code	24	X(2)*3	Refer to APPENDIX IV.
5	Workover number	30	X(3)	Followings are codes to be used. "ALL": All well "ORI": Original well "WOR": Workover well "CUR": Current well " 99": Workover number
6	Period	33	X(12)	Ex. "DDMMYYDDMMYY"

(2) Field laboratory fluid analysis

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"G0-2 ", "G0-21", "G0-22", "G0-23", "G0-24", "G8 "∿"G13 "
3	Station or well	16	X(1)	Followings are codes to be used. 1: Station 2: Well
4	Area code	17	X(2)*3	Refer to APPENDIX IV.
5	Workover number	23	X(3)	Followings are codes to be used. "ALL": All well "ORI": Original well "WOR": Workover well "CUR": Current well " 99": Workover number
6	Period	26	X(12)	Ex. "DDMMYYDDMMYY"

2-8 H-Production Facilities Data Information

(1) Production facilities

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"H0-1 ", "H0-11", "H0-12", "H0-2 ", "H0-21", "H0-22", "H1 "∿"H11 "
3	Field office code	16	X(1)	Refer to APPENDIX IV.
4	Kind of station	17	X(2)*5	Refer to APPENDIX IV.
5	Result of inspection	27	X(1)*3	Refer to APPENDIX IV.
6	"Written off " or "Not" for equip-ment	30	X(1)	Followings are codes to be used. 1: Written off 2: Not written off
7	Period	31	X(8)	Ex. "MMYYMMYY"

2-9 I-Pipeline Data Information

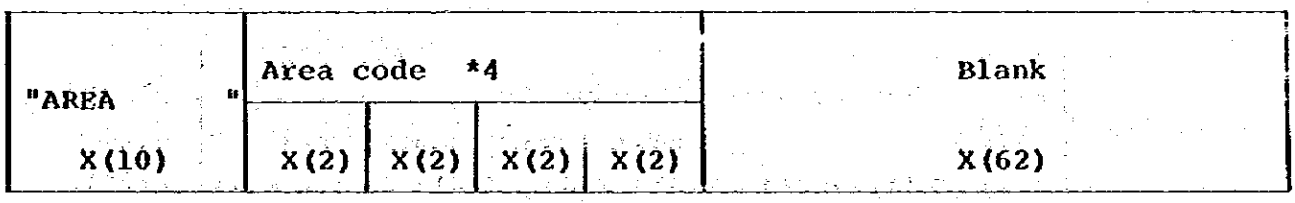
(1) Pipeline

No.	Item Name	Posi-tion	Prop-erties	Remarks
1	Card-id	1	X(10)	"HEADER "
2	Output method	11	X(5)	"I0-1 ", "I0-11", "I0-12", "I1 "∿"I5 "
3	Field office code	16	X(1)	Refer to APPENDIX IV.
4	Kind of station	17	X(2)*5	Refer to APPENDIX IV.
5	Kind of linepipe	27	X(1)*5	Refer to APPENDIX IV.
6	Nominal size	32	X(5)*2	Ex. "02500"∿"10000" (Inch) (2.5∿10.0)
7	Result of inspection	42	X(1)*3	Refer to APPENDIX IV.
8	"Written off"or"Not" for pipeline	45	X(1)	Followings are codes to be used. 1: Written off 2: Not written off
9	Period	46	X(8)	Ex. "MMYYMMYY"

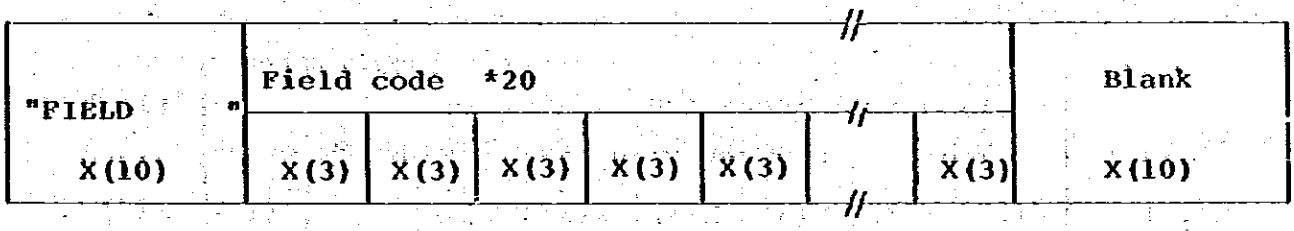
PAGE

3 Independent Assignment Card Layout

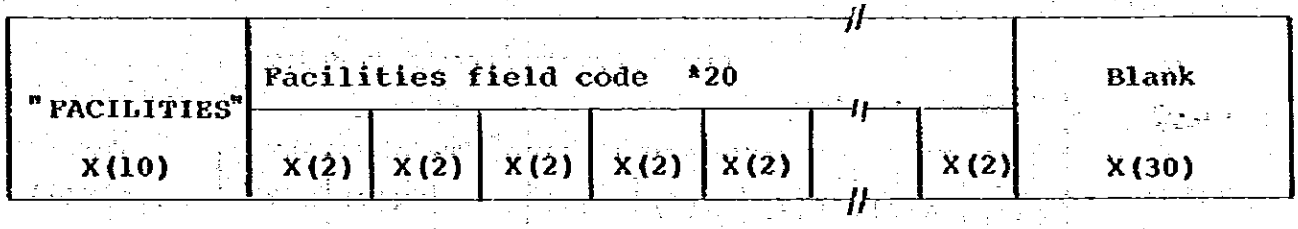
(1) Area card



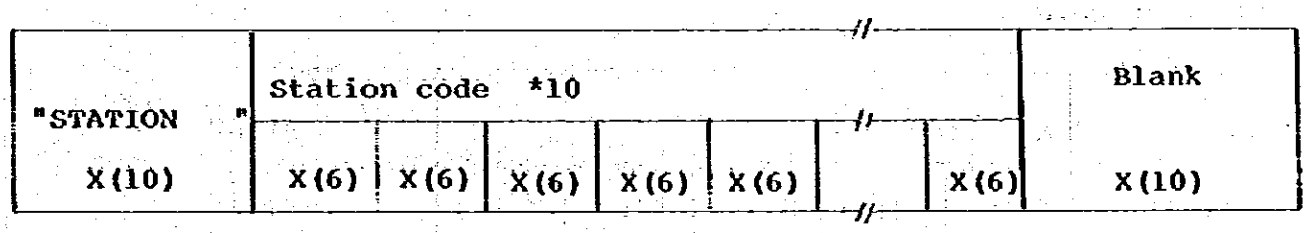
(2) Field card



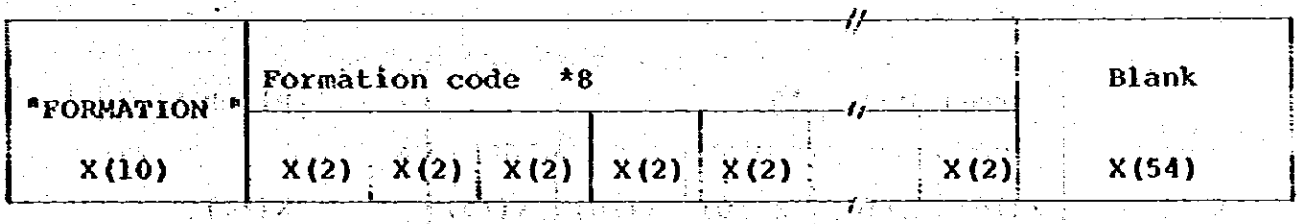
(3) Facilities field card



(4) Station card



(5) Formation card



(6) Reservoir unit card

"RESERVOIR "	Field code	Reservoir unit code *10							Blank
X(10)	X(3)	X(4)	X(4)	X(4)	X(4)	X(4)	//	X(4)	X(27)

(7) Layer card

"LAYER "	Field code	Layer code *20							Blank
X(10)	X(3)	X(3)	X(3)	X(3)	X(3)	X(3)	//	X(3)	X(7)

(8) Well card

"WELL "	Well code *10									
X(10)	X(7)	X(7)	X(7)	X(7)	X(7)	//	X(7)	X(7)	X(7)	X(7)

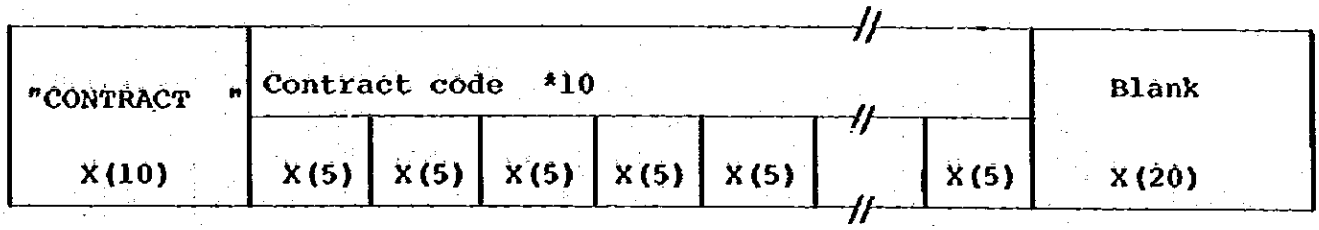
(9) Map card

"MAP "	Map code *5					Blank
X(10)	X(10)	X(10)	X(10)	X(10)	X(10)	X(20)

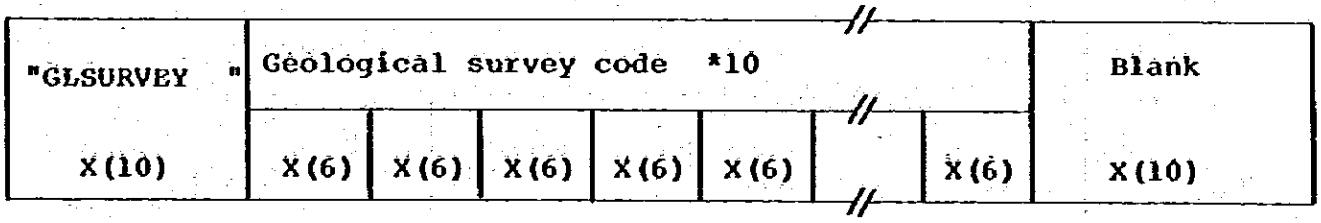
(10) Report card

"REPORT "	Report code *5					Blank
X(10)	X(10)	X(10)	X(10)	X(10)	X(10)	X(20)

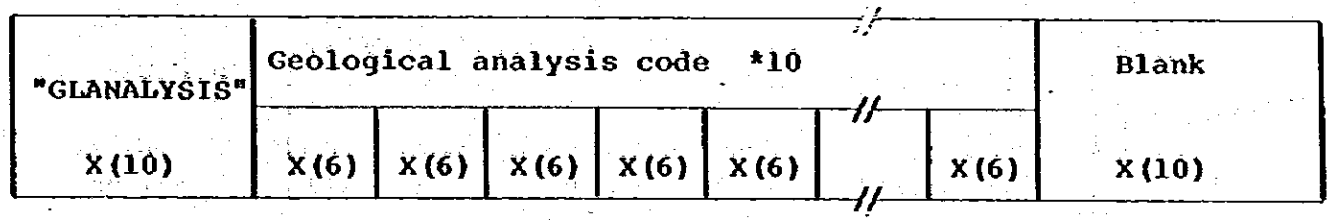
(11) Contract card



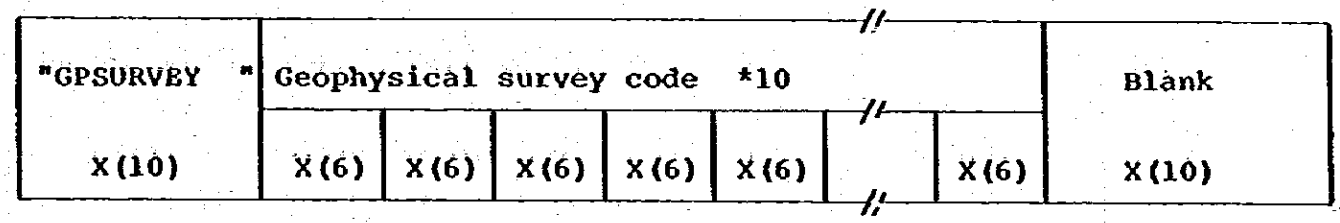
(12) Geological survey card



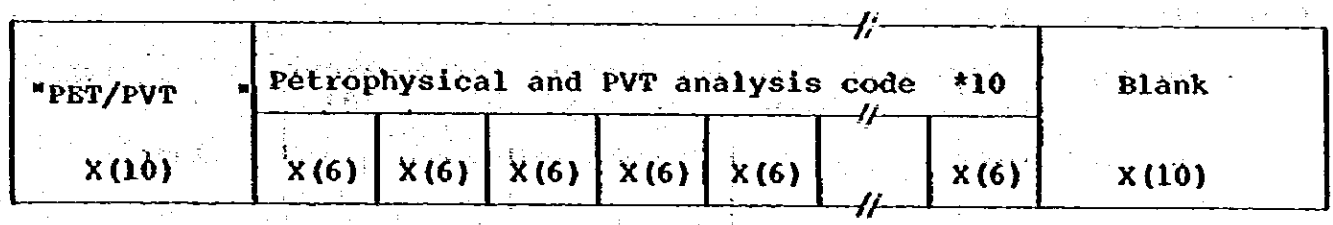
(13) Geological analysis card



(14) Geophysical survey card



(15) Petrophysical and PVT analysis card



(16) Block station card

"BS-NO "	Facil-ities field code	Block station number *20							Blank
X(10)	X(2)	X(2)	X(2)	X(2)	X(2)	X(2)	//	X(2)	X(28)

(17) Well test and stimulation card

"TEST/STIM "	Well test and stimulation code *5					Blank
X(10)	X(12)	X(12)	X(12)	X(12)	X(12)	X(10)

(18) Field laboratory fluid analysis card

"LABORATORY"	Field laboratory fluid analysis code *10							Blank
X(10)	X(6)	X(6)	X(6)	X(6)	X(6)	//	X(6)	X(10)

(19) Equipment card

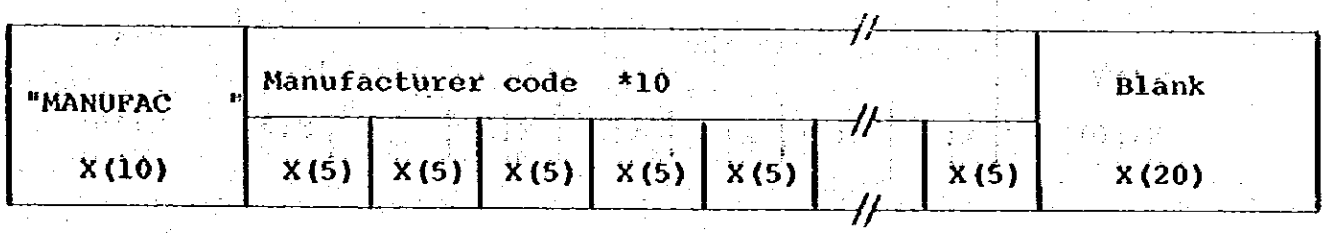
"EQUIPMENT "	Equipment code *10							Blank
X(10)	X(5)	X(5)	X(5)	X(5)	X(5)	//	X(5)	X(20)

(20) Kind of equipment & specification card

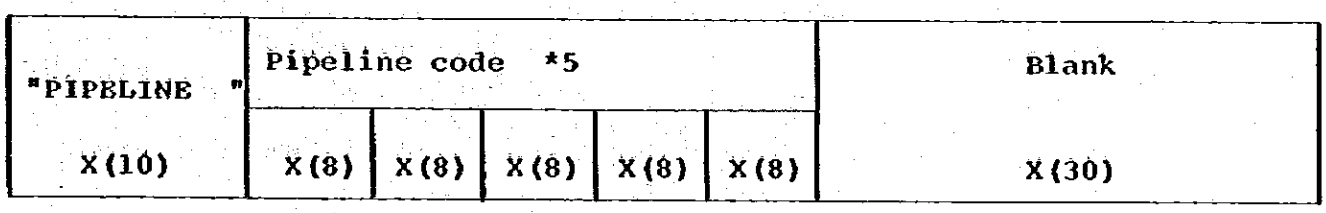
"K/EQUIP "	Kind of equip-ment	Main specification *1						Blank
		Spec.-1		Spec.-2		Spec.-3		
X(10)	X(2)	from 9(8)	to 9(8)	from 9(8)	to 9(8)	from 9(8)	to 9(8)	X(20)

*1 : See note 1 in page AII-102

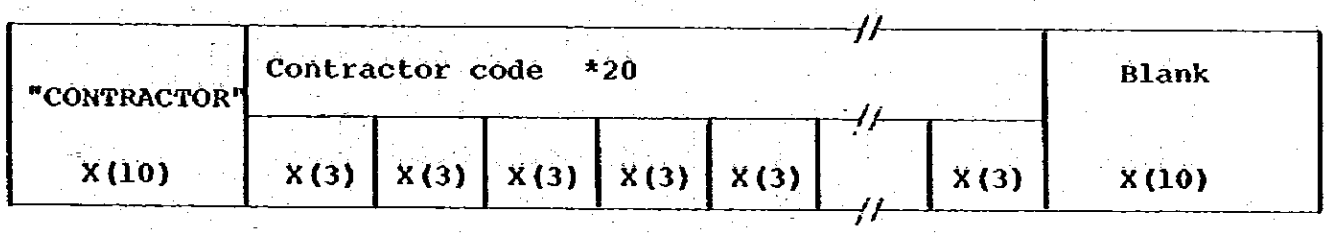
(21) Manufacturer card



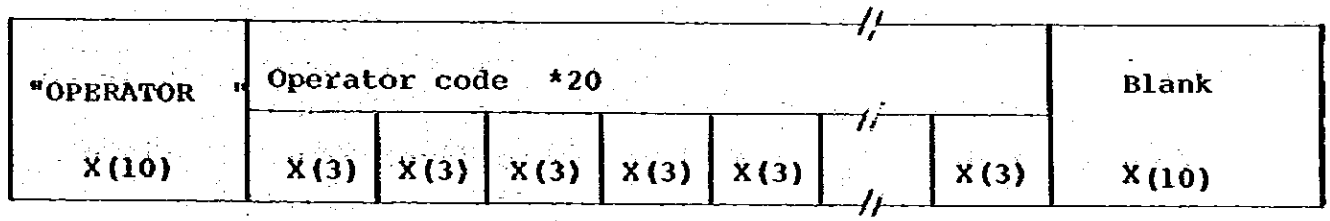
(22) Pipeline card



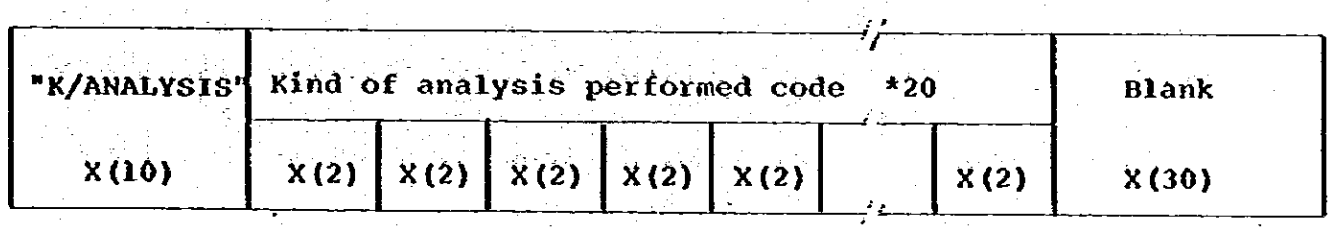
(23) Contractor card



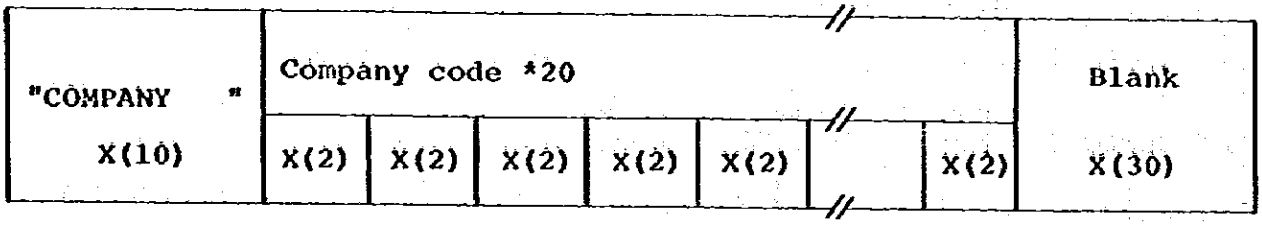
(24) Operator card



(25) Kind of analysis performed card



(26) Company card



(27) Kind or type of well test and stimulation card

	#1		#2			#3
"K/TEST "	#6	#7	#8	#9	#10	#11
X(10)	X(1)*6	X(1)*4	X(1)*6	X(1)	X(1)*7	X(1)*2

#4	#5		Blank
#12	#13	#14	
X(1)*5	X(1)	X(1)*2	X(36)

#1 : Production test

#2 : Injection test

#3 : Subsurface pressure survey

#4 : Production log

#5 : Well stimulation

#6 : Kind of production test

#7 : Type of production test

#8 : Kind of injection test

#9 : Type of injection test

#10 : Kind of injection fluid

#11 : Type of subsurface pressure survey

#12 : Kind of production log

#13 : Objective for stimulation

#14 : Type of stimulation

Note 1: Kind of equipment & specification

Kind of Equipment		Main Specification (Design)		
Code	Name	Spec.-1	Spec.-2	Spec.-3
01	Separator	Flow rate (Liq.)	Flow rate (Gas)	Pressure
		m^3/d	std m^3/d	kg/cm^2G
		9(4)v9(1)	9(8)	9(3)v(1)
02	Vessel tank	Volume	Pressure	
		m^3	kg/cm^2G	
		9(6)	9(3)v9(1)	
03	Absorber	Flow rate *1	Flow rate (Solution)	Pressure
		kg/h	l/min	kg/cm^2G
		9(8)	9(5)	9(3)v9(1)
04	Stripper	Flow rate *1	Flow rate (Solution)	Pressure
		kg/h	l/min	kg/cm^2G
		9(5)	9(5)	9(3)v9(1)
05	Filter	Flow rate (Liq.)	Flow rate (Gas)	Pressure
		m^3/d	std m^3/d	kg/cm^2G
		9(6)	9(8)	9(3)v9(1)
06	Adsorber	Flow rate *1	Pressure	
		kg/h	kg/cm^2G	
		9(5)	9(3)v9(1)	
21	Storage tank	Volume	Pressure	
		m^3	cm H_2O G	
		9(6)	9(3)v9(1)	

*1 Flow rate of fluid treated

Kind of Equipment		Main Specification (Design)		
Code	Name	Spec.-1	Spec.-2	Spec.-3
31	Heat exchanger	Thermal duty kcal/h 9(8)	Surface area *1 m^2 9(4)	
32	Fired heater	Thermal duty kcal/h 9(8)	Surface area *1 m^2 9(4)	
33	Refrigerator	Thermal duty kcal/h 9(8)	Flow rate (Brine) m^3/h 9(3)v9(1)	
41	Pump	Flow rate m^3/h 9(5)v9(3)	Head *2 kg/cm^2 9(3)v9(1)	
42	Compressor	Flow rate std m^3/h 9(7)	Head *2 kg/cm^2 9(3)v9(1)	
43	Generator	Output capacity kVA 9(5)	Voltage Volt 9(4)	
44	Fan or blower	Flow rate std m^3/h 9(7)	Head *2 cm H_2O 9(4)v9(1)	
45	Agitator	Power kW 9(3)	Volume *3 m^3/each 9(5)	

*1 Heating surface area
*2 Total difference head
*3 Volume of vessel per each agitator

Kind of Equipment		Main Specification (Design)		
Code	Name	Spec.-1	Spec.-2	Spec.-3
51	Electric Motor	Power *1 kW 9(5)	Speed *2 rpm 9(5)	
52	Ignition engine	Power kW 9(4)v9(1)	Speed *2 rpm 9(5)	
53	Steam engine	Power kW 9(4)v9(1)	Speed *2 rpm 9(5)	
54	Gas Turbine	Power kW 9(5)	Speed *2 rpm 9(5)	
55	Steam Turbine	Power kW 9(6)	Speed *2 rpm 9(5)	
91	Fire fighting system	Flow rate (Liquid) *3 l/min 9(5)	Flow rate (Other) *3 kg/min 9(5)	Duration *4 min 9(3)v9(2)

*1 Power corresponding to voltage used actually

*2 Speed without reduction

*3 Design flow rate per one whole system

*4 Duration of discharge corresponding to design flow rate

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