NORTH PAARATTE-1. F.I.T. DATA

DEPT. NAT. RES & ENV
PE906812

RECOVERY AND INTERPRETATION DATA

Test No. ONE
Test Depth 4902

PRESSURE DATA

Sampling	1813	psi
Sampling Time	33	mins
Final Shut In	2003	psi
Shut In Time	1	mins
Hydrostatic	2472	psi
Surface Pressure	0	psi
Total Test Time	46	mins

RECOVERY DATA

Gas (Total)	0.53	cuft
Condensate	0	cc
Oil	0	cc
Water	10000	cc
Mud	0	cc
Sand	0	cc

RECOVERY ANALYSIS

Free Gas		cuft
Oil		
API Gravity	- @ -	°F
G.O.R.	-	
Water		
Rrf (Fil)	0.95 @ 75	°F
Chart NaCl	6000	ppm
Titrated Cl	-	ppm
Formation Water	13	%

FORMATION AND LOG DATA

Formation	SANDSTONE	
Porosity	20	%
Rt	4 @ 130	°F
Rw	0.16 @ 130	°F
Chart NaCl	22000	ppm
Chart Cl		ppm
Water Saturation		%

MUD FILTRATE DATA

Rmf	@	°F
Chart NaCl		ppm
Titrated Cl		ppm

TOOL DATA

Tool Type	SFT	
Sample Unit Size	10000	cc
Choke Size		

TEST RESULTS INDICATE _____ SHOULD BE EXPECTED AT THIS DEPTH

REMARKS TRACE OF HqS

RECOVERY AND INTERPRETATION DATA

Test No. TWO
Test Depth 4791

PRESSURE DATA

Sampling	1956	psi
Sampling Time	30 est	mins
Final Shut In	1956	psi
Shut In Time	7 est	mins
Hydrostatic	2416	psi
Surface Pressure	1550	psi
Total Test Time	47	mins

RECOVERY DATA

Gas (Total)	50.5	cuft
Condensate	0	cc
Oil	0	cc
Water	100	cc
Mud	0	cc
Sand	0	cc

RECOVERY ANALYSIS

Free Gas	50.5	cuft
Oil		
API Gravity	- @ -	°F
G.O.R.	-	
Water		
Rrf (Fil)	N/A @ -	°F
Chart NaCl	-	ppm
Titrated Cl	-	ppm
Formation Water	0	%

FORMATION AND LOG DATA

Formation	SANDSTONE	
Porosity	23	%
Rt	7 @ 128	°F
Rw	0.13 @ 128	°F
Chart NaCl	25000	ppm
Chart Cl		ppm
Water Saturation		%

MUD FILTRATE DATA

Rmf	0.96 @ 128	°F
Chart NaCl	3700	ppm
Titrated Cl		ppm

TOOL DATA

Tool Type	SFT	
Sample Unit Size	10000	cc
Choke Size		

TEST RESULTS INDICATE GAS SHOULD BE EXPECTED AT THIS DEPTH

REMARKS K= <33 md ΔP = 10 Q 5.56cc/sec

K= permeability md
Q= flow rate cc/sec
μ= viscosity
ΔP= shut in pressure - flowing pressure

$K = \frac{3000\,Q\,\mu}{\Delta P}$ μ for gas 0.02 CP

RECOVERY AND INTERPRETATION DATA

Test No. THREE
Test Depth 4778

PRESSURE DATA

Sampling	1829	psi
Sampling Time	38	mins
Final Shut In	1952	psi
Shut In Time	8	mins
Hydrostatic	2400	psi
Surface Pressure	1550	psi
Total Test Time	54	mins

RECOVERY DATA

Gas (Total)	31.34 MEAS *	cuft
Condensate	0	cc
Oil	0	cc
Water	600	cc
Mud	0	cc
Sand	0	cc

RECOVERY ANALYSIS

Free Gas		cuft
Oil		
API Gravity	- @ -	°F
G.O.R.	-	
Water		
Rrf (Fil)	2.3 @ 66	°F
Chart NaCl	2500	ppm
Titrated Cl		ppm
Formation Water	0	%

FORMATION AND LOG DATA

Formation	SANDSTONE	
Porosity	15	%
Rt	7 @ 128	°F
Rw	0.13 @ 128	°F
Chart NaCl	25000	ppm
Chart Cl		ppm
Water Saturation		%

MUD FILTRATE DATA

Rmf	0.96 @ 128	°F
Chart NaCl	3700	ppm
Titrated Cl		ppm

TOOL DATA

Tool Type	SFT	
Sample Unit Size	10000	cc
Choke Size		

TEST RESULTS INDICATE GAS SHOULD BE EXPECTED AT THIS DEPTH

REMARKS * SOME GAS LOST THROUGH LEAKING XMASS TREE AND SEPARATOR
Q= 4.4cc/sec μ= 0.02 K = 2.14 md

RECOVERY AND INTERPRETATION DATA

Test No. FOUR
Test Depth 4111

PRESSURE DATA

Sampling	1523	psi
Sampling Time	48	mins
Final Shut In	1662	psi
Shut In Time	1	mins
Hydrostatic	2063	psi
Surface Pressure	0	psi
Total Test Time	80	mins

RECOVERY DATA

Gas (Total)	0.13	cuft
Condensate	0	cc
Oil	0	cc
Water	10000	cc
Mud	0	cc
Sand	0	cc

RECOVERY ANALYSIS

Free Gas	-	cuft
Oil		
API Gravity	- @ -	°F
G.O.R.	-	
Water		
Rrf (Fil)	1.43 @ 68	°F
Chart NaCl	4200	ppm
Titrated Cl		ppm
Formation Water	13	%

FORMATION AND LOG DATA

Formation	SANDSTONE	
Porosity	23	%
Rt	5 Ω M @ 114	°F
Rw	0.52 @ 114	°F
Chart NaCl	7500	ppm
Chart Cl		ppm
Water Saturation		%

MUD FILTRATE DATA

Rmf	1.0 @ 125	°F
Chart NaCl	3700	ppm
Titrated Cl		ppm

TOOL DATA

Tool Type	SFT	
Sample Unit Size	10000	cc
Choke Size		

TEST RESULTS INDICATE WATER SHOULD BE EXPECTED AT THIS DEPTH

REMARKS