

DATE	MUD		DRILLING RATE		DEPTH feet	CALCIMETRY	DOLOMIMETRY	LITHOLOGY	AGE-FORMATION	LOG	OIL AND GAS		VOLUTA-1	ENGINEERING REMARKS						
	WEIGHT lb/cuft.	16/cuft.	Min./foot	Min./foot							IN CUTTINGS	IN MUD								
	50	70	90	100	110	0	20	40	60	80	100	Oil	Methane %	TESTS						
	FILTRATE											Oil	Methane %							
	2	4	6	8	10							1	2	3	4	5	6	7	8	9
67																				
9																				
29																				
30																				
67																				
10																				
7																				
67																				
10																				
8																				

DEPT. NAT. RES & ENV
PE600393

REED YTRAJ
φ = 12 1/4
Rpm = 140
T = 24

drilling rate < 0.1 minute per foot

REED YTRAJ
φ = 12 1/4
Rpm = 150
T = 45

drilling rate < 0.1 minute per foot

REED YTRAJ
φ = 12 1/4
Rpm = 170
T = 0/107

H.T.C. D.S.C. 16-3
φ = 12 1/4
Rpm = 170/120
T = 10/16

No Recovery

No Recovery

3150'-3310'
Qz S, lsc, clear, crs - crs loc gran, srt, (sph), (ang) - (rnd)
Between 3160' and 3250': traces to 10% of qz sst f - sst, brightly hd
Occ rare traces of chert and grain of glauconitic.

3335'
Core n-3 No Recovery.

3362'
3362'-3612'
Qz S, lsc, crs - gran, std, subang - subrnd, mod spt, smooth, clear. in part f - m, srt, subang - subrnd, mod spt
Throughout the section Traces of Coal, blk, sft.
Occ chert in the crs - gran grains
Occ Traces of Glc and Limonite grains in the f - m grains.

3612'
Core n-4 No Recovery.

3639'
3639'-3890'
Qz S, lsc, crs - crs - gran, clear (wh), subang - subrnd, srt, (sph), grains in part pyrite coated - more rarely coated with limonite.
Limonite, dk brn, concretionary grains, set in a green friable cement (glauconitic?) or in a dk brn limonitic cement - more or less friable.
Traces coal blk sft.
Ryr becoming more abundant towards the base.

3890'-4000'
Qz S lsc as above - but less srt. and grading to m-f in part
Minor Clst, dk brn, dk gr, sft lsc, washing out, grading in part to sft lsc, carb 13990)
Lmn grains and Coal as above.

WANGERIE GROUP

Oil
Live Oil
Methane %
Total gas %