

4704700461

WELL NO. 11251
 SAND Ravencliff Marine Lower Main

LOG INTERPRETATION

DEPTH	DENSITY		R _f	NEUTRON				CORE			LOG				PERFORATING DEPTH
	C/SEC	BULK		INDEX	Ø†	Sw	So	So	Sw	Ø	Ø	Sw	Sg	So	
RAVENCLIFF															
															1570
1571	2.53		400								5.0	28	72		
72	2.51		500								5.2	15	85		
73	2.51		500								5.2	15	85		
74	2.52		300								4.8	22	78		
75	2.54		250								4.3	30	70		
86	2.52		700								5.0	12	88		
87	2.50		700								5.5	12	88		
88	2.47		700								6.7	10	90		
89	2.44		900								7.8	10	90		
90	2.43		900								8.0	10	90		
91	2.44		900								7.8	10	90		
92	2.47		900								6.7	10	90		
93	2.51		700								5.1	15	85		
94	2.53		600								4.5	18	82		
95	2.51		↓								4.5	18	82		
96	2.52		↓								4.7	15	85		
97	2.51		↓								5.1	15	85		
98	2.51		700								5.1	15	85		
99	2.50		↓								5.5	12	88		
1600	2.50		↓								5.5	12	88		
01	2.52		↓								4.7	15	85		
2	2.52		↓								4.7	15	85		
3	2.52		↓								4.7	15	85		
4	2.51		↓								5.1	15	85		
5	50		↓								5.5	12	88		
6	48		↓								6.2	12	88		
7	49		↓								6.1	12	88		
8	53		↓								4.5	18	82		
1616	2.52		600								5.0	20	80		
17	2.50		↓								5.5	12	88		
18	2.50		↓								5.5	12	88		
19	2.51		500								5.1	15	85		
20	2.51		400								5.5	12	88		
21	2.52		↓								4.5	18	82		
22	2.53		↓								4.5	18	82		

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WELL NO. 11251
SAND

TIME 160

LOG INTERPRETATION

DEPTH	DENSITY		R _f	NEUTRON			CORE			LOG			PERFORATING DEPTH	
	C/SEC	BULK		INDEX	ϕ _t	S _w	S _o	S _o	S _w	ϕ	ϕ	S _w		S _g
RAVENCLIFF														
1603		2.51	65								5.4	18	88	↑
84		11	700								5.4	18	88	
25		2.50	900								5.5	10	90	
26		2.49									5.8	10	90	
27		2.49									5.8	10	90	
28		2.51									5.0	10	90	
29		51									5.0	10	90	
30		52									4.8	12	88	
31		52									4.8	12	88	
32		52									4.8	12	88	
33		54									4.0	20	80	
34		55									3.8	25	75	
35		53									4.3	12	88	
36		51									5.1	15	85	
37		50									5.5	10	90	
38		51									5.1	15	85	
39		52									4.8	12	88	
40		55									3.8	25	75	
MAXTON														
											N = 47'		ϕ _{log} = 2.17	
3363		2.53	180								5.0	38	62	↑
64		2.50	180								6.0	28	72	
65		2.49	140								6.2	30	70	
66		2.49	120								6.2	30	70	
67		2.50	130								6.0	32	67	
68		2.53	100								5.2	42	58	
69		2.52	100								5.2	40	60	
70		2.51	100								6.0	35	65	
71		2.49	120								6.2	30	70	
72		49	140								6.2	30	70	
73		51	150								5.8	37	67	
74		51	170								5.8	30	70	
75		51	180								5.8	30	70	
76		50									6.0	30	70	
77		47									7.0	28	72	
78		48									6.8	29	71	
79		51									5.8	30	70	
80		55									4.3	55	45	
N = 11														
ϕ _{log} = .69														

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11251

Area = Raw-Mat
3817467m

285 x (460 + 60)

43560 x (1 -) x .949 x 15.325 x (460 + 102°)

x 148200
x 8173.5
x 18.1

Rawcliff

1571	126,149,760	X .05	X .72	=	4,541	MCF
72		X .052	X .85	=		
73		X .052	X .85	=	11,152	
157A		X .048	X .78	=	4,724	
1586		X .05	X .88	=	5,551	
87		X .055	X .88	=	6,106	
88		X .067	X .90	=	7,607	
89		X .078	X .90	=	8,856	
90		X .08	X .90	=	9,083	
91		X .078	X .90	=	7,720	
92		X .067	X .90	=	7,607	
93		X .051	X .85	=	5,469	
1594-95		X .045	X .82 x 2'	=	9,310	
1596		X .047	X .85	=	5,040	
97-98		X .051	X .85 x 2'	=	8,670	
1599-1600		X .055	X .88 x 2'	=	12,211	
1601-03		X .047	X .85 x 3'	=	11,985	
1604		X .051	X .85	=	5,469	
05		X .055	X .88	=	6,106	
06		X .062	X .88	=	6,883	
07		X .061	X .88	=	6,772	
1608		X .045	X .82	=	4,655	
1616		X .05	X .80	=	5,046	
1617-18		X .055	X .88 x 2'	=	12,211	
19		X .051	X .88	=	5,662	
1620		X .055	X .88	=	6,106	
1621-22		X .045	X .82 x 2'	=	9,310	
23-24		X .054	X .88 x 2'	=	11,893	
25		X .055	X .90	=	6,244	
26-27		X .058	X .90 x 2'	=	13,170	
28-29		X .05	X .90 x 2'	=	11,353	
1630-32		X .048	X .88 x 3'	=	15,986	
1637		X .055	X .90	=	6,244	
38		X .051	X .85	=	5,469	
1639		X .048	X .88	=	5,329	
MAXTON						
2365-66		X .062	X .70 x 2'	=	10,950	
67		X .060	X .67	=	5,071	
68		X .052	X .58	=	3,805	
69		X .053	X .60	=	4,012	
2370		X .06	X .65	=	4,920	
2371-72		X .062	X .70 x 2'	=	10,950	

Next Page

GL = .700 x 2182 = 1527

Gv. = .700 =

Pr. = 285 / 668 = 0.43

Wellhead * = 255 + 15 = 270

Per. = 668

Tr. = 562 / 392 = 1.43

Res. Press. 285

Ter. = 392

Z = .949

11251 (continued)

x (460 + 60)

43560 x (1 -) x 15.325 x (460 +) Ac. =

x x x

2573	126,149,760	x .058	x .67	=	4,902	MCF
2374-75		x .058	x .70 x 2'	=	10,243	
76		x .06	x .70	=	5,298	
77		x .07	x .72	=	6,358	
78		x .068	x .71	=	6,091	
2379		x .058	x .70	=	5,122	
MAXTON						
2778-79		x .056	x .75 x 2'	=	10,597	
2780		x .054	x .62	=	4,223	
2786-88		x .056	x .75 x 3'	=	15,895	
89		x .06	x .70	=	5,298	
90		x .063	x .70	=	5,563	
91		x .06	x .70	=	5,298	
2792		x .054	x .62	=	4,223	
					398,359	MCF

(ACC)

GL = _____ x _____ = _____ Cr. = _____ Pr. = _____ =

Wellhead * = _____ + 15 = _____ Per. = _____ Tr. = _____ =

Res. Press. _____ Ter. = _____ Z = _____ =

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11251

(Partial Well MAXLOW only)

548 x (460 + 60)

43560 x (1 -) x 160 Ac. =

.994 x 15.325 x (460 + 85)

x 284960 x 7466.7

MAXLOW

x 38.2 x

2363	266,258,780	05 x 60	8253
		06 x 72	11502
		062 x 70 x 2'	23110
		06 x 70	10702
		052 x 58	8030
		053 x 60	8406
		06 x 65	10382
		062 x 70 x 2'	23110
		056 x 67	10346
		058 x 70	10709
		06 x 70	11182
		07 x 72	13418
2379		063 x 71	12654
		058 x 70	10309
			(172975)
2761		053 x 60	8466
		05 x 70	9315
		056 x 75 x 2'	23304
2774		054 x 62	8914
2777		054 x 62	8914
		056 x 75 x 2'	23304
2780		054 x 62	8914
2785		054 x 62	8914
2786		056 x 75 x 3'	33476
2789		06 x 70	11182
2790		063 x 70	11741
2791		06 x 70	11182
2792		054 x 62	8914
			(174673)

347,648 17CF

10429.4

GL = .700 x 2627' = 1839

Wellhead * = 500 + 15 = 515

Res. Press. 548

Gv. = .700

Pcr. = 668

Tcr. = 392

Pr. = 548 = 58

Tr = 545 = 1.3

Z = .894