

**OWENS PETROLEUM SERVICES, LLC
DRILLER'S LOG**

Operator: Red Cloud Kevin Sylla

Lease / Well #: Weber 2-10

API #: 15-207-2769-0000 19-25-16

	Date		Date		Date		Date
Spud/Surface	8-31-10	Drilled to TD	9-7-10	Logged		1" / pump	
Set Surface	8-31-10	Run/Casing	9-22-10	Perforated		Lead Line/Elec	
Spud/Casing	9-01-10	Cemented LS	9-27-10	Frac		Closed Pit	

Purpose	Size Drilled	Size Pipe	Weight #/ft	Setting Depth	Cement	# Sacks	Additives
Surface:	9 5/8	7"		40'	monarch	20	
Casing:	5 5/8						
Frac:							

Driller's TD:	900 ft	Seat Nipple:	795 ft	Pipe TD:	861 ft	Fluid Volume:	400 bbls
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Surface Bit and Subs: 3.70'
 Kelly: Top of Groove to Square: 22.60'
 Footage Above Ground Level: 1 Total

FOOTAGE: FORMATION:

Bit and Sub	Footage	Formation
Bit and Sub	1.9	top soil - 2 clay
1st Collar	19.9	clay
2nd Collar	20.0	41.8 shale
Joints 20.7'	62.5	
	83.2	L 103
	103.9	L -
	124.6	- 133 L 134
	145.3	L
	166.0	L
	186.7	L - 204
	207.4	L 205 - 210 blk shale 216-217 L - 228
	228.1	L 234 shale streaks
	248.8	L 252-253 L 258-260
	269.5	L 271-272 L 274-275
	290.2	L
	310.9	L
	331.6	L - 345 blk shale 345-348 L 348-
	352.3	- 355 L 357
	373.0	L - 384 blk shale 385-387 L - 392
	393.7	L 394 - L 405 L 407
	414.4	L - 420 shale
	435.1	S
	455.8	S
	476.5	S
	497.2	S
	517.9	S
	538.6	S

3 changes

OPERATOR Red Hook

LEASE/WELL# Ueber L-10

	FOOTAGE:	FORMATION:
20	559.3	580 S L578
20	580.0	-581 L591-592 L593-594 L596-599
27	600.7	L600-605 L631-
28	621.4	-640 S
28	642.1	L649-650 L657-658
20	662.8	L674-678 cont L689
27	683.5	L712
22	704.2	-709 L709-714 cont 716
28	724.9	L730-732 733-734 734 737 cont
24	745.6	738-739 740-741 L743
28	766.3	L 7-
26	787.0	L799-802 802-803 804-805 803-805 7500
27	807.7	805-807 heading up 807-809 810-811 809-811 mostly shale
28	828.4	S
28	849.1	S
40	869.8	S
41	890.5	S
42	911.2	S
40	931.9	S
41	952.6	S
40	973.3	S
46	994.0	S
47	1014.7	S
48	1035.4	S
48	1056.1	S
50	1076.8	S
Bit change	1097.5	1116
52	1118.2	
53	1138.9	
54	1159.6	
55	1180.3	
56	1201.0	
57	1221.7	
58	1242.4	
59	1263.1	
60	1283.8	
61	1304.5	
62	1325.2	
63	1345.9	
64	1366.6	
65	1387.3	
66	1408.0	
67	1428.7	
68	1449.4	
69	1470.1	
70	1490.8	