

Customer : Elk Oil Company
Well Name : Power Pro 20 #1
Rig : Pool #801

Field : Buckeye
County : Lea County NM
Job # : MO-MJ-00017

North Ref : True Declination : 8.85° VS Dir : 0.00° (from Wellhead)

WELLBORE SURVEY

Measured Depth (ft)	Incl Angle (deg)	Azi Dir (deg)	Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)	E/W (ft)	DLS (°/100')	Build Rate (°/100')	Turn Rate (°/100')
9463.00	85.70	356.50	8782.3	647.4	647.4	17.5	4.84	-1.25	-4.69
9494.00	87.00	358.00	8784.3	678.3	678.3	16.0	6.40	4.19	4.84
9527.00	91.70	358.50	8784.7	711.3	711.3	15.0	14.32	14.24	1.52
9558.00	92.50	358.30	8783.6	742.2	742.2	14.1	2.66	2.58	-0.65
9591.00	92.10	359.50	8782.2	775.2	775.2	13.5	3.83	-1.21	3.64
9624.00	90.60	359.40	8781.5	808.2	808.2	13.2	4.56	-4.55	-0.30
9656.00	89.20	358.60	8781.5	840.2	840.2	12.6	5.04	-4.38	-2.50
9687.00	89.00	358.80	8782.0	871.2	871.2	11.9	0.91	-0.65	0.65
9721.00	91.90	357.90	8781.7	905.1	905.1	10.9	8.93	8.53	-2.65
9753.00	90.70	357.30	8781.0	937.1	937.1	9.6	4.19	-3.75	-1.88
9786.00	89.80	355.60	8780.9	970.0	970.0	7.5	5.83	-2.73	-5.15
9818.00	88.60	353.20	8781.3	1001.9	1001.9	4.4	8.38	-3.75	-7.50
9848.00	89.90	353.60	8781.7	1031.7	1031.7	1.0	4.53	4.33	1.33
9880.00	90.80	353.60	8781.5	1063.5	1063.5	-2.6	2.81	2.81	0.00
9911.00	89.70	353.60	8781.4	1094.3	1094.3	-6.1	3.55	-3.55	0.00
9945.00	88.70	352.90	8781.8	1128.0	1128.0	-10.1	3.59	-2.94	-2.06
9976.00	88.60	354.10	8782.6	1158.8	1158.8	-13.6	3.88	-0.32	3.87
10009.00	88.80	355.10	8783.3	1191.7	1191.7	-16.7	3.09	0.61	3.03
10042.00	88.80	356.70	8784.0	1224.6	1224.6	-19.0	4.85	0.00	4.85
10074.00	88.80	356.70	8784.7	1256.5	1256.5	-20.9	0.00	0.00	0.00

DRILLING PARAMETERS

WOB (klbs)	RPM	Flow Rate (gpm)	Stand Pipe (psi)	Orientation From (ft)	To (ft)	Tool Face (deg)	ROP (ft/hr)	BHA No. (#)	Comment
12	40	160	1700	9432	9437	10L	20	4	
12	40	160	1700				20	4	
35		160	1700	9495	9510	HS	5	4	
				9526	9527	HS		4	
12		160	1700	9527	9535	HS	55	4	
12		160	1700				55	4	
12		160	1700				55	4	
12	40	160	1700				30	4	
12	40	160	1700				30	4	
20		160	1700	9688	9698	10L	20	4	
				9719	9721	HS		4	
12	40	160	1700	9721	9724	HS	40	4	
20		160	1700	9785	9786	HS	20	4	
12	40	160	1700	9786	9793	HS	40	4	
12	40	160	1700				40	4	
12	40	160	1700	9850	9860	10R	40	4	
12	40	160	1700				40	4	
20		160	1700	9943	9945	30R	20	4	
12	40	160	1700	9945	9948	30R	40	4	
12	40	160	1700				40	4	
12	40	160	1700				40	4	
20		160	1700				20	4	

last MWD
projection / bit TD