SUR: 1760/N & 660/W E-20-17s-35e BH: 503/N & 639/W D-20-17s-35e

30-025-34059

sperry-sun DRILLING SERVICES

Survey and Drilling Parameters

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										DRILLING PARAMETERS									
Measured Depth (ft)	Incl Angle (deg)	Azi Dir (deg)	Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)	Coordinates E/W (ft)	DLS (°/100')	Build Rate (°/100')	Turn Rate (°/100')	WOB (klbs)	RPM	Flow Rate (gpm)	Stand Pipe (psi)	Orientation From (ft)	Orientation To (ft)	Tool Face (deg)	ROP (ft/hr)	BHA No. (#)	Comment
8627.00	1.49	228.38	8625.9	-84.3	-84.3	-48.7	0.00	0.00	0.00										Tieon tie f/gyro survey
8657.00	1.70	85.00	8655.9	-84.5	-84.5	-48.5	10.10	0.70	-477.93										gyro survey
8693.00	19.60	31.90	8691.2	-79.3	-79.3	-44.8	51.74	49.72	-147.50			160	1700	8663	8693	HS	15	1	1st MWD
8708.00	26.40	25.00	8705.0	-74.1	-74.1	-42.0	48.69	45.33	-46.00			160	1700	8693	8708	HS	15	1	
8740.00	41.30	19.60	8731.5	-57.6	-57.6	-35.5	47.46	46.56	-16.88			160	1700	8708	8740	HS	15	2	
8772.00	56.70	16.40	8752.4	-34.7	-34.7	-28.1	48.70	48.13	-10.00			160	1700	8740	8772	HS	15	2	
8792.00	66.80	15.00	8761.9	-17.8	-17.8	-23.3	50.87	50.50	-7.00			160	1700	8772	8792	HS	15	2	
8805.00	72.90	14.80	8766.3	-6.0	-6.0	-20.2	46.95	46.92	-1.54			160	1700	8792	8805	HS	15	2	
8837.00	83.40	12.60	8772.9	24.4	24.4	-12.8	33.49	32.81	-6.88			160	1700	8805	8837	HS	15	3	
8868.00	87.20	11.40	8775.4	54.6	54.6	-6.4	12.85	12.26	-3.87			160	1700	8837	8868	HS	15	3	
8899.00	90.50	9.20	8776.1	85.1	85.1	-0.8	12.79	10.65	-7.10			160	1700	8868	8899	HS	15	3	
8928.00	90.40	7.80	8775.8	113.8	113.8	3.4	4.84	-0.34	-4.83	14	40	160	1700	8899	8910	HS	24	3	
8960.00	91.20	5.70	8775.4	145.5	145.5	7.2	7.02	2.50	-6.56	16		160	1700	8937	8949	70L	5	4	
8991.00	87.90	4.60	8775.6	176.4	176.4	10.0	11.22	-10.65	-3.55	14	40	160	1700	8960	8972	145L	8	4	
9021.00	85.70	4.30	8777.3	206.3	206.3	12.3	7.40	-7.33	-1.00	10	40	160	1700	8992	8999	150L	60	4	
9050.00	84.70	4.80	8779.7	235.1	235.1	14.6	3.85	-3.45	1.72	10	40	160	1700				60	4	
9083.00	88.00	2.90	8781.8	267.9	267.9	16.8	11.53	10.00	-5.76	16		160	1700	9053	9073	30L	12	4	
														9082	9083	20L		4	
9116.00	90.10	1.30	8782.4	300.9	300.9	18.0	8.00	6.36	-4.85	10	40	160	1700	9083	9102	20L	60	4	
9148.00	89.80	1.30	8782.4	332.9	332.9	18.7	0.94	-0.94	0.00	17		160	1700				12	4	
9179.00	92.20	1.10	8781.9	363.9	363.9	19.4	7.77	7.74	-0.65	10	40	160	1700	9148	9168	10L	60	4	
9210.00	93.30	0.80	8780.4	394.8	394.8	19.9	3.68	3.55	-0.97	10	40	160	1700	9180	9190	10L	40	4	
9242.00	93.30	1.30	8778.5	426.8	426.8	20.5	1.56	0.00	1.56	10	40	160	1700				20	4	
9275.00	92.50	0.40	8776.9	459.7	459.7	21.0	3.65	-2.42	-2.73	10	40	160	1700				20	4	
9306.00	92.10	0.60	8775.6	490.7	490.7	21.3	1.44	-1.29	0.65	10	40	160	1700				20	4	
9336.00	90.60	359.70	8774.9	520.7	520.7	21.3	5.83	-5.00	-3.00	10	40	160	1700				20	4	
9368.00	86.90	358.10	8775.6	552.7	552.7	20.7	12.60	-11.56	-5.00	10	40	160	1700	9338	9348	135L	20	4	
9400.00	85.40	358.80	8777.8	584.6	584.6	19.9	5.17	-4.69	2.19	10	40	160	1700				20	4	
9431.00	86.10	358.00	8780.1	615.5	615.5	19.0	3.42	2.26	-2.58	10	40	160	1700	9415	9420	10L	20	4	