

Reservoir Development

Drilling & Measurements (Extreme Engineering)

6724 Corporation Pkwy Suite 100

Fort Worth, TX 76126

Phone: (817) 717-1820

Fax: (817) 546-7551

December 4, 2012

Occidental Permian Ltd

5 Greenway Plaza Suite 110

Houston, Texas 77046

Attention: Anthony Tschacher

Re:

CLIENT: OXY Permian
WELL: Eeyore 34 State #1
FIELD: Permian Basin
RIG: Savanna 415
COUNTY: Eddy
API NO: 30-015-39383
JOB NO: NM-OXY-0015

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements (formerly Extreme), a division of Schlumberger Technology Corporation (P-5 No. 754900).
Other information required by your office is as follows.

<u>Name & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Tracy Murphy Jr FST-2	Eeyore 34 State #1 Original Hole	470.00 Ft to 4959.00 Ft	September 19, 2012 to September 27, 2012	SlimPulse

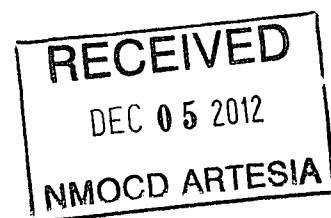
A plat of the bottom hole location is oriented both to the surface location and to the lease lines (or until line in case of pooling), is attached to the survey report.

If any other information is required; please contact the undersigned at the above letterhead and phone number.

Sincerely,

Scott Haymond
Field Service Manager

CC: OXY Permian
Enclosures: [2]
County of Eddy
State of New Mexico



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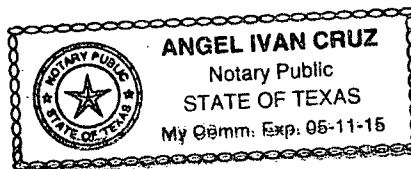
I, Tracy Murphy Jr certify that; I am employed by Drilling & Measurements (formerly Extreme), a division of Schlumberger Technology Corporation; that I did on the day(s) of September 19, 2012 through September 27, 2012, conduct or supervise the taking of the SlimPulse surveys from a depth of 470.00 feet to a depth of 4959.00 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of OXY Permain for the Eeyore 34 State #1 Well (Original Hole) API No. 30-015-39383 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

Tracy Murphy Jr
FST-2

Before me, Angel Ivan Cruz, on this day personally appeared Tracy Murphy Jr. known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 4 day of Dec, 2012 (year).

Notary Public



EEYORE 34 STATE #1 MWD 470' to 4959' Survey Report

(Def Survey)

Report Date: September 27, 2012 - 06:34 PM
 Client: OXY PERMIN
 Field: NM, Eddy (NAD27) 2011
 Structure / Slot: OXY PERMIN (EEYORE 34 STATE #1) SAVANNA 415 / EEYORE 34 STATE #1
 Well: EEYORE 34 STATE #1
 Borehole: Original Hole
 UWI / API#: NM-OXY-0015 / 30-015-39383
 Survey Name: EEYORE 34 STATE #1 MWD 470' to 4959'
 Survey Date: September 27, 2012
 Tort / AHD / DDI / ERD Ratio: 11.311' / 111.826 ft / 3.102 / 0.023
 Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 47' 47.04000", W 104° 9' 23.76000"
 Location Grid N/E Y/X: N 653486.691 RUS, E 554307.617 RUS
 CRS Grid Convergence Angle: 0.09572878 °
 Grid Scale Factor: 0.99991247

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 0.000 ° (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: RKB
 TVD Reference Elevation: 3588.600 ft above Unknown
 Seabed / Ground Elevation: 3674.600 ft above Unknown
 Magnetic Declination: 7.851 °
 Total Field Strength: 48751.156 nT
 Magnetic Dip Angle: 60.548 °
 Declination Date: September 27, 2012
 Magnetic Declination Model: BGGM 2012
 North Reference: Grid North
 Grid Convergence Used: 0.096 °
 Total Corr Mag North->Grid North: 7.755 °
 Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azimi Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')
Tie-In	390.00	1.02	312.88	389.89	6.78	6.78	-5.49	0.76	653493.47	554302.13	N 32 47 47.11	W 104 9 23.82
Begin MWD Survey	470.00	0.79	295.18	469.88	7.50	7.50	-6.51	0.45	653494.19	554301.11	N 32 47 47.11	W 104 9 23.84
	530.00	0.90	282.84	529.87	7.78	7.78	-7.34	0.35	653494.47	554300.27	N 32 47 47.12	W 104 9 23.85
	686.00	0.62	297.11	685.86	8.44	8.44	-9.29	0.22	653495.13	554299.33	N 32 47 47.12	W 104 9 23.87
	746.00	0.60	285.15	745.86	8.67	8.67	-9.88	0.21	653495.36	554297.73	N 32 47 47.13	W 104 9 23.88
	894.00	0.88	290.00	893.84	9.28	9.28	-11.70	0.19	653495.95	554295.92	N 32 47 47.13	W 104 9 23.90
	1067.00	1.49	297.82	1066.81	10.76	10.76	-14.94	0.36	653497.45	554292.68	N 32 47 47.15	W 104 9 23.93
	1241.00	1.58	300.01	1240.74	13.02	13.02	-19.01	0.06	653499.71	554288.60	N 32 47 47.17	W 104 9 23.98
	1419.00	1.58	300.89	1418.67	15.51	15.51	-23.25	0.01	653502.20	554284.37	N 32 47 47.19	W 104 9 24.03
	1591.00	1.58	297.82	1590.61	17.83	17.83	-27.38	0.05	653504.52	554280.24	N 32 47 47.22	W 104 9 24.08
	1651.00	1.50	290.84	1650.59	18.50	18.50	-28.84	0.34	653505.19	554278.78	N 32 47 47.22	W 104 9 24.10
	1808.00	1.71	291.80	1807.53	20.10	20.10	-32.84	0.13	653506.78	554274.68	N 32 47 47.24	W 104 9 24.15
	1982.00	1.58	293.12	1981.45	22.01	22.01	-37.55	0.08	653508.70	554270.07	N 32 47 47.26	W 104 9 24.20
	2148.00	1.71	298.70	2147.39	24.10	24.10	-41.83	0.12	653510.78	554265.79	N 32 47 47.28	W 104 9 24.25
	2208.00	1.60	292.24	2207.36	24.84	24.84	-43.39	0.36	653511.53	554264.23	N 32 47 47.29	W 104 9 24.27
	2385.00	1.41	305.90	2384.31	26.80	26.80	-46.98	0.26	653513.49	554260.64	N 32 47 47.31	W 104 9 24.31
	2539.00	1.49	307.49	2538.25	29.44	29.44	-50.51	0.05	653516.13	554257.11	N 32 47 47.33	W 104 9 24.35
	2599.00	1.30	299.84	2598.23	30.25	30.25	-51.72	0.44	653516.94	554255.90	N 32 47 47.34	W 104 9 24.37
	2756.00	1.41	323.92	2755.19	32.70	32.70	-54.41	0.37	653519.39	554253.22	N 32 47 47.36	W 104 9 24.40
	2929.00	1.49	332.01	2928.14	36.40	36.40	-58.71	0.13	653523.09	554250.91	N 32 47 47.40	W 104 9 24.42
	3102.00	1.49	347.92	3101.08	40.59	40.59	-58.24	0.24	653527.28	554249.38	N 32 47 47.44	W 104 9 24.44
	3276.00	2.02	346.68	3275.00	45.79	45.79	-59.42	0.31	653532.47	554248.20	N 32 47 47.49	W 104 9 24.48
	3450.00	2.29	341.10	3448.87	52.08	52.06	-61.25	0.20	653538.75	554246.37	N 32 47 47.56	W 104 9 24.48
	3620.00	1.89	340.00	3618.76	57.91	57.91	-63.31	0.24	653544.59	554244.31	N 32 47 47.61	W 104 9 24.50
	3749.00	1.58	335.30	3747.70	61.52	61.52	-64.78	0.26	653548.21	554242.84	N 32 47 47.65	W 104 9 24.52
	3809.00	0.70	339.54	3807.69	62.62	62.62	-65.26	1.47	653549.30	554242.37	N 32 47 47.66	W 104 9 24.52
	3967.00	0.88	335.21	3965.67	64.62	64.62	-66.10	0.12	653551.31	554241.52	N 32 47 47.68	W 104 9 24.53
	4140.00	0.70	340.80	4138.66	66.83	66.83	-67.01	0.11	653553.51	554240.62	N 32 47 47.70	W 104 9 24.54
	4270.00	0.70	347.30	4268.65	68.35	68.35	-67.44	0.06	653555.04	554240.18	N 32 47 47.72	W 104 9 24.55
	4445.00	0.70	330.12	4443.63	70.32	70.32	-68.21	0.12	653557.00	554239.41	N 32 47 47.74	W 104 9 24.58
	4611.00	0.70	332.40	4609.62	72.10	72.10	-69.19	0.02	653558.78	554238.44	N 32 47 47.75	W 104 9 24.57
	4671.00	0.70	339.34	4669.62	72.77	72.77	-69.48	0.14	653559.45	554238.14	N 32 47 47.76	W 104 9 24.57
	4828.00	0.88	343.61	4826.60	74.82	74.82	-70.16	0.12	653561.50	554237.46	N 32 47 47.78	W 104 9 24.58
End MWD Survey	4959.00	1.01	338.80	4957.58	76.86	76.86	-70.87	0.12	653563.54	554236.75	N 32 47 47.80	W 104 9 24.59

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7655 sigma
 Survey Program:

Description	MD From (ft)	MD To (ft)	EOU Freq (ft)	Survey Tool Type	Borehole / Survey
	0.000	14.000	Act Stns	SLB_NSG+SSHOT-Depth Only	Original Hole / EEYORE 34 STATE #1 MWD 0' to 390'
	14.000	14.000	Act Stns	SLB_NSG+SSHOT-Depth Only	Original Hole / EEYORE 34 STATE #1 MWD 0' to 390'
	14.000	390.000	Act Stns	SLB_NSG+SSHOT	Original Hole / EEYORE 34 STATE #1 MWD 0' to 390'
	390.000	4959.000	Act Stns	SLB_MWD-STD	Original Hole / EEYORE 34 STATE #1 MWD 470' to 4959'