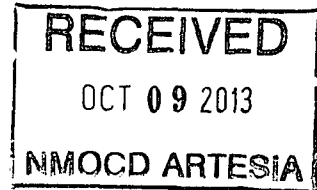


Schlumberger

Reservoir Development
Drilling & Measurements (Extreme Engineering)
6724 Corporation Pkwy Suite 100
Fort Worth, TX 76126
Phone: (817) 717-1820
Fax: (817) 546-7551

August 27, 2013

Occidental Permian Ltd
5 Greenway Plaza Suite 110
Houston, Texas 77046



Attention: Anthony Tschacher

Re:

CLIENT: OXY
WELL: Tigger 9 State 8
FIELD: Glorieta Yeso
RIG: Savanna 415
COUNTY: Eddy
API NO: 30-015-40939
JOB NO: NM-OXY-0082

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>
Troy Miller FST 2	Tigger 9 State 8 Original Hole	195.00 Ft to 5122.00 Ft	August 11, 2013 to August 16, 2013	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,

Joey Stewart
Field Service Manager

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

Reservoir Development

Drilling & Measurements (Extreme Engineering)

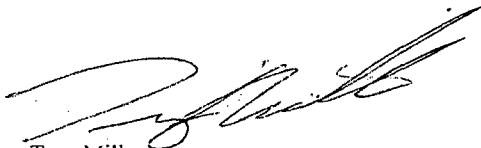
6724 Corporation Pkwy Suite 100

Fort Worth, TX 76126

Phone: (817) 717-1820

Fax: (817) 546-7551

I, Troy Miller certify that; I am employed by Drilling & Measurements (formerly Extreme), a division of Schlumberger Technology Corporation; that I did on the day(s) of August 11, 2013 through August 16, 2013, conduct or supervise the taking of the SlimPulse surveys from a depth of 195.00 feet to a depth of 5122.00 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 for the Tigger 9 State 8 Well (Original Hole) API No. 30-015-40939 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.



Troy Miller
FST 2

Before me Danam Rodriguez, on this day personally appeared Troy Miller, 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 28th day of Aug 2013 (year).

Dana M Rodriguez
Notary Public



OFFICIAL SEAL
Dana M Rodriguez
NOTARY PUBLIC - STATE OF NEW MEXICO

My Commission Expires: 8/8/2015

Tigger 9 State 8 MWD 0' to 5122' Survey Report

(Def Survey)

Report Date: August 18, 2013 - 01:09 PM
 Client: OXY
 Field: NM, Eddy (NAD 27 EZ) 2012
 Structure / Slot: OXY (Tigger 9 State 8) Savanna \$15 / Tigger 9 State 8
 Well: Tigger 9 State 8
 Borehole: Original Hole
 UWI / API#: Unknown / 30-015-40939
 Survey Name: Tigger 9 State 8 MWD 0' to 5122'
 Survey Date: August 18, 2013
 Tort / AHD / DDI / ERD Ratio: 14.155' / 47.532 ft / 2.828 / 0.009
 Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 50' 52.80000", W 104° 4' 25.68000"
 Location Grid N/E Y/X: N 672311.540 RUS, E 579704.838 RUS
 CRS Grid Convergence Angle: 0.14077474 °
 Grid Scale Factor: 0.99991637

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: 3584.000 ft above Unknown
 Seabed / Ground Elevation: 3588.000 ft above Unknown
 Magnetic Declination: 7.920 °
 Total Field Strength: 48579.553 nT
 Magnetic Dip Angle: 60.582 °
 Declination Date: August 18, 2013
 Magnetic Declination Model: BGGM 2012
 North Reference: Grid North
 Grid Convergence Used: -1.048 °
 Total Corr Mag North-Grid North: 8.968 °
 Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (RUS)	Easting (RUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	672311.54	579704.84	N 32 50 52.80	W 104 4 25.68
Begin MWD Surveys	195.00	0.68	267.58	195.00	-0.05	-0.05	-1.16	0.35	672311.49	579703.68	N 32 50 52.80	W 104 4 25.69
	470.00	0.88	296.70	469.97	0.83	0.83	-4.87	0.16	672312.37	579700.17	N 32 50 52.81	W 104 4 25.73
	654.00	0.48	57.81	653.96	1.88	1.88	-5.28	0.65	672313.42	579699.56	N 32 50 52.82	W 104 4 25.74
	837.00	1.19	48.01	836.94	3.56	3.56	-3.22	0.39	672315.10	579701.62	N 32 50 52.84	W 104 4 25.72
	1018.00	1.01	65.95	1017.91	5.46	5.46	-0.37	0.21	672317.00	579704.47	N 32 50 52.85	W 104 4 25.68
	1210.00	0.88	45.30	1209.88	7.19	7.19	2.23	0.19	672318.73	579707.06	N 32 50 52.87	W 104 4 25.65
	1321.00	0.62	20.50	1320.88	8.35	8.35	3.04	0.37	672319.89	579707.88	N 32 50 52.88	W 104 4 25.64
	1537.00	0.62	10.30	1536.86	10.60	10.60	3.66	0.05	672322.14	579708.50	N 32 50 52.90	W 104 4 25.64
	1796.00	0.22	327.19	1795.86	12.39	12.39	3.64	0.19	672323.93	579708.48	N 32 50 52.92	W 104 4 25.64
	1969.00	0.48	336.29	1968.85	13.34	13.34	3.17	0.15	672324.87	579708.01	N 32 50 52.93	W 104 4 25.64
	2141.00	0.88	342.31	2140.84	15.25	15.25	2.48	0.24	672326.79	579707.32	N 32 50 52.95	W 104 4 25.65
	2357.00	0.62	296.92	2356.82	17.36	17.36	0.93	0.29	672328.80	579705.77	N 32 50 52.97	W 104 4 25.67
	2530.00	0.40	266.29	2529.82	17.75	17.75	-0.51	0.20	672329.29	579704.33	N 32 50 52.98	W 104 4 25.69
	2746.00	0.22	61.68	2745.81	17.90	17.90	-0.89	0.28	672329.43	579703.95	N 32 50 52.98	W 104 4 25.69
	2878.00	0.62	352.01	2875.81	18.71	18.71	-0.77	0.45	672330.25	579704.07	N 32 50 52.99	W 104 4 25.69
	3060.00	0.48	339.23	3059.80	20.42	20.42	-1.18	0.10	672331.96	579703.66	N 32 50 53.00	W 104 4 25.69
	3222.00	0.31	343.19	3221.80	21.47	21.47	-1.55	0.11	672333.01	579703.29	N 32 50 53.01	W 104 4 25.70
	3394.00	0.31	302.50	3393.80	22.17	22.17	-2.08	0.13	672333.70	579702.76	N 32 50 53.02	W 104 4 25.70
	3587.00	0.62	2.70	3586.79	23.35	23.35	-2.43	0.31	672334.89	579702.41	N 32 50 53.03	W 104 4 25.71
	3740.00	0.48	281.40	3739.79	24.43	24.43	-3.09	0.42	672335.97	579701.75	N 32 50 53.04	W 104 4 25.72
	3913.00	0.48	148.03	3912.78	23.96	23.96	-3.42	0.51	672335.50	579701.42	N 32 50 53.04	W 104 4 25.72
	4086.00	0.70	331.19	4085.78	24.27	24.27	-3.55	0.68	672335.81	579701.29	N 32 50 53.04	W 104 4 25.72
	4258.00	0.31	49.50	4257.77	25.49	25.49	-3.70	0.41	672337.03	579701.14	N 32 50 53.05	W 104 4 25.72
	4431.00	0.48	274.81	4430.77	25.86	25.86	-4.06	0.42	672337.40	579700.77	N 32 50 53.06	W 104 4 25.73
	4604.00	0.62	319.50	4603.77	26.63	26.63	-5.39	0.25	672338.17	579699.44	N 32 50 53.06	W 104 4 25.74
	4777.00	0.62	295.91	4776.76	27.75	27.75	-6.84	0.15	672339.29	579697.99	N 32 50 53.07	W 104 4 25.76
	4949.00	0.62	309.22	4948.75	28.75	28.75	-8.40	0.08	672340.28	579696.44	N 32 50 53.08	W 104 4 25.78
End MWD Surveys	5122.00	0.62	343.50	5121.74	30.24	30.24	-9.39	0.21	672341.77	579695.45	N 32 50 53.10	W 104 4 25.79

Survey Type: Def Survey

Survey Error Model: ISWWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma

Survey Program:

Description	MD From (ft)	MD To (ft)	EOU Freq (ft)	Survey Tool Type	Borehole / Survey
	0.000	16.000	Act Stns	SLB_MWD-STD-Depth Only	Original Hole / Tigger 9 State 8 MWD 0' to 5122'
	16.000	16.000	Act Stns	SLB_MWD-STD-Depth Only	Original Hole / Tigger 9 State 8 MWD 0' to 5122'
	16.000	5122.000	Act Stns	SLB_MWD-STD	Original Hole / Tigger 9 State 8 MWD 0' to 5122'