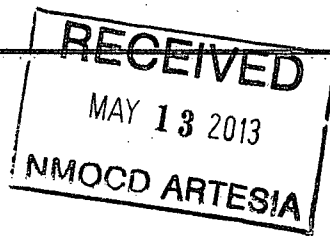


Schlumberger

Reservoir Development

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



January 6, 2013

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

Attention: Anthony T Tschacher

Re:

CLIENT: OXY
WELL: GOVERNMENT AB FEDERAL 14
FIELD: YESO
RIG: HP-344
COUNTY: EDDY
API NO: 30-015-40854
JOB NO: NM-OXY-0032

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>
TY MCFARLIN FST-T	GOVERNMENT AB FEDERAL 14 Original Hole	338.00 Ft to 6555.00 Ft	December 27, 2012 to January 6, 2013	SlimPulse

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

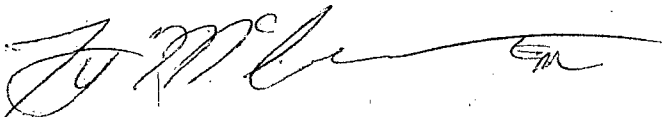
If any other information is required, please contact the undersigned at the above letterhead and phone number.
Sincerely,

MIKE JOHNS
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, TY MCFARLIN certify that; I am employed by Drilling & Measurements (formerly Extreme), a division of Schlumberger Technology Corporation; that I did on the day(s) of December 27, 2012 through January 06, 2013, conduct or supervise the taking of the SlimPulse surveys from a depth of 338.00 feet to a depth of 6555.00 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 GOVERNMENT AB-FEDERAL 14 Well (Original Hole) API No. 30-015-40854 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.

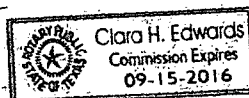


TY MCFARLIN
FST-T

Before me, CLARA H. EDWARDS on this day personally appeared TY MCFARLIN, 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 7th day of Jan, (year) 2013

CLARA H. EDWARDS
Notary Public



Government AB Federal 14 MWD 0' to 6555' Survey Report

(Def Survey)

Report Date: January 06, 2013 - 01:10 PM
 Client: OXY
 Field: Edy (NAD27) 2011
 Structure / Slot: OXY (Government AB Federal 14) HP344 / Government AB Federal 14 MWD 0' to 6555'
 Well: Government AB Federal 14
 Borehole: Original Hole
 UWI / API#: Unknown / 30-015-00854
 Survey Name: Government AB Federal 14 MWD 0' to 6555'
 Survey Date: January 06, 2013
 Tool / AHD / DDI / GRD Ratio: 15.471 / 172.178 / 3.428 / 0.030
 Coordinate Reference System: NAD27 Universal Transverse Mercator, Zone 13 North, US Feet
 Location Lat / Long: N 32° 35' 23.6400"; W 104° 10' 15.9900"
 Location Grid N/E W/X: N 11830481.880 HUS, E 1605637.458 HUS
 CRS Grid Convergence Angle: 0.4462643°
 Grid Scale Factor: 0.99907492

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 0.000° (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Elevation: 3307.000 ft above Unknown
 Seabed / Ground Elevation: 3290.500 ft above Unknown
 Magnetic Declination: 7.651°
 Total Field Strength: 48502.787 nT
 Magnetic Dip Angle: 60.344°
 Declination Date: January 06, 2013
 Magnetic Declination Model: GGM 2012
 North Reference: Grid North
 Grid Convergence Used: 0.087°
 Total Corr Mag North-Grid North: -7.764°
 Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azimuth (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft)	Northings (ft)	Eastings (ft)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11830481.88	1605637.46	N 32° 35' 23.64" W 104° 10' 15.99"	
Assumed Vertical	155.00	0.00	0.00	155.00	0.00	0.00	0.00	0.00	11830481.88	1605637.46	N 32° 35' 23.64" W 104° 10' 15.99"	
Begin MWD	348.00	0.80	298.54	347.99	0.64	0.64	-1.16	0.41	11830482.52	1605638.28	N 32° 35' 23.65" W 104° 10' 15.97"	
Surveys	548.00	1.10	360.00	547.97	3.23	3.23	-2.41	0.50	11830485.11	1605635.06	N 32° 35' 23.87" W 104° 10' 15.96"	
	748.00	1.10	29.66	747.94	6.88	6.88	-1.57	0.25	11830489.75	1605635.86	N 32° 35' 23.71" W 104° 10' 15.98"	
	948.00	0.85	79.04	947.91	8.90	8.90	0.77	0.45	11830490.77	1605638.22	N 32° 35' 23.73" W 104° 10' 15.95"	
	1014.00	0.86	87.37	1013.90	9.02	9.02	1.78	0.19	11830490.90	1605639.25	N 32° 35' 23.73" W 104° 10' 15.94"	
	1148.00	0.68	84.44	1147.88	9.18	9.18	3.94	0.08	11830491.00	1605641.40	N 32° 35' 23.73" W 104° 10' 15.91"	
	1348.00	1.32	83.64	1347.84	9.60	9.60	7.94	0.17	11830491.48	1605645.39	N 32° 35' 23.73" W 104° 10' 15.87"	
	1488.00	1.32	82.47	1487.81	9.99	9.99	11.03	0.02	11830491.86	1605648.55	N 32° 35' 23.74" W 104° 10' 15.83"	
	1688.00	1.41	81.54	1687.75	10.65	10.65	15.81	0.05	11830492.53	1605653.26	N 32° 35' 23.74" W 104° 10' 15.77"	
	1888.00	1.49	80.75	1887.69	11.43	11.43	20.81	0.04	11830493.31	1605658.26	N 32° 35' 23.75" W 104° 10' 15.72"	
	1992.00	1.49	79.65	1991.68	11.71	11.71	22.45	0.04	11830493.59	1605659.60	N 32° 35' 23.75" W 104° 10' 15.70"	
	2150.00	1.49	82.25	2149.60	12.53	12.53	27.58	0.03	11830494.41	1605665.03	N 32° 35' 23.76" W 104° 10' 15.64"	
	2250.00	1.58	71.26	2249.52	13.77	13.77	32.77	0.15	11830495.84	1605670.22	N 32° 35' 23.77" W 104° 10' 15.58"	
	2550.00	1.80	71.57	2549.44	15.65	15.65	38.36	0.11	11830497.52	1605675.81	N 32° 35' 23.76" W 104° 10' 15.51"	
	2750.00	1.80	72.14	2749.34	17.60	17.60	44.33	0.01	11830499.48	1605681.78	N 32° 35' 23.81" W 104° 10' 15.44"	
	2950.00	1.80	71.87	2949.24	18.54	18.54	50.31	0.00	11830501.52	1605687.75	N 32° 35' 23.83" W 104° 10' 15.37"	
	3036.00	1.71	73.15	3034.20	20.33	20.33	52.79	0.12	11830502.20	1605690.23	N 32° 35' 23.84" W 104° 10' 15.34"	
	3216.00	1.69	68.14	3218.11	22.25	22.25	58.23	0.13	11830504.12	1605695.67	N 32° 35' 23.86" W 104° 10' 15.28"	
	3359.00	1.89	54.47	3359.01	25.08	25.08	63.40	0.25	11830509.85	1605700.84	N 32° 35' 23.88" W 104° 10' 15.22"	
	3567.00	1.89	35.87	3566.02	28.94	28.94	67.27	0.37	11830510.81	1605703.71	N 32° 35' 23.92" W 104° 10' 15.17"	
	3759.00	2.50	20.25	3757.78	36.17	36.17	71.17	0.34	11830517.04	1605705.60	N 32° 35' 23.96" W 104° 10' 15.13"	
	3930.00	2.42	30.34	3928.62	41.54	41.54	74.81	0.05	11830523.40	1605712.25	N 32° 35' 24.05" W 104° 10' 15.08"	
	4120.00	2.42	29.64	4119.45	45.49	45.49	78.82	0.02	11830530.35	1605716.25	N 32° 35' 24.11" W 104° 10' 15.03"	
	4300.00	2.42	38.85	4298.29	54.78	54.78	83.07	0.21	11830539.62	1605720.51	N 32° 35' 24.18" W 104° 10' 14.93"	
	4481.00	2.42	31.14	4479.13	61.01	61.01	87.44	0.18	11830542.87	1605724.87	N 32° 35' 24.24" W 104° 10' 14.83"	
	4661.00	2.50	31.45	4658.97	67.81	67.81	91.45	0.05	11830549.47	1605728.83	N 32° 35' 24.30" W 104° 10' 14.80"	
	4799.00	2.68	23.45	4793.83	73.02	73.02	94.24	0.30	11830554.85	1605731.87	N 32° 35' 24.36" W 104° 10' 14.85"	
	4858.00	2.29	24.40	4855.77	75.40	75.40	95.33	0.63	11830557.33	1605732.78	N 32° 35' 24.38" W 104° 10' 14.84"	
	5056.00	1.10	37.07	5053.06	80.00	80.00	99.12	0.63	11830562.45	1605735.54	N 32° 35' 24.43" W 104° 10' 14.81"	
	5207.00	0.70	240.06	5199.67	81.27	81.27	99.19	1.21	11830563.12	1605735.61	N 32° 35' 24.44" W 104° 10' 14.81"	
	5337.00	0.70	259.40	5334.67	83.71	83.71	96.80	0.18	11830563.58	1605734.09	N 32° 35' 24.43" W 104° 10' 14.82"	
	5472.00	0.48	295.07	5469.06	80.80	80.80	95.34	0.31	11830568.65	1605732.77	N 32° 35' 24.43" W 104° 10' 14.84"	
	5652.00	-1.10	222.48	5649.84	79.84	79.84	93.49	0.59	11830581.70	1605730.92	N 32° 35' 24.42" W 104° 10' 14.86"	
	5832.00	1.59	200.55	5829.58	75.79	75.79	91.28	0.53	11830587.84	1605728.71	N 32° 35' 24.38" W 104° 10' 14.80"	
	6013.00	1.71	205.47	6010.40	70.55	70.55	89.07	0.13	11830592.41	1605726.50	N 32° 35' 24.33" W 104° 10' 14.91"	
	6193.00	1.41	207.38	6190.43	66.16	66.16	85.90	0.17	11830598.02	1605724.33	N 32° 35' 24.29" W 104° 10' 14.94"	
	6373.00	1.41	213.38	6370.37	62.25	62.25	84.06	0.08	11830594.41	1605722.06	N 32° 35' 24.25" W 104° 10' 14.96"	
End MWD Surveys	6555.00	-1.01	241.04	6552.23	59.72	59.72	82.02	0.26	11830641.53	1605719.45	N 32° 35' 24.22" W 104° 10' 15.00"	

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 99.000% Confidence 2.7955 sigma
 Survey Program:

Description	MD From (ft)	MD To (ft)	EQU Freq (ft)	Survey Tool Type	Borehole / Survey
0.000	16.500	Act Stns		SLB_BUND-TREND-Depth Only	Original Hole / Government AB Federal 14 MWD 0' to 6555'
16.500	16.500	Act Stns		SLB_BUND-TREND-Depth Only	Original Hole / Government AB Federal 14 MWD 0' to 6555'
16.500	155.000	Act Stns		SLB_BUND-TREND	Original Hole / Government AB Federal 14 MWD 0' to 6555'
155.000	6555.000	Act Stns		SLB_MWD-STD	Original Hole / Government AB Federal 14 MWD 0' to 6555'