

**Reservoir Development**

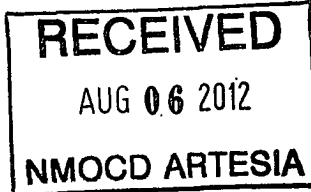
Drilling & Measurements (Extreme Engineering)  
6724 Corporation Pkwy Suite 100  
Fort Worth, TX 76126  
Phone: (817) 717-1820  
Fax: (817) 546-7551

30-015-39850

June 22, 2012

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

Attention: Luis Tarazona



Re:

CLIENT: Occidental Permian Ltd  
WELL: Rogers ~~23 FEE~~ #6  
FIELD: Permian Basin  
RIG: Savanna 415  
COUNTY: Eddy  
API NO: 30-015-39850  
JOB NO: NM-OXY-0003

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 &amp; 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	Rogers 23 FEE #6 Original Hole	1086.00 Ft to 3507.00 Ft	June 18, 2012 to June 22, 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,

Joseph Osle  
Field Service Manager

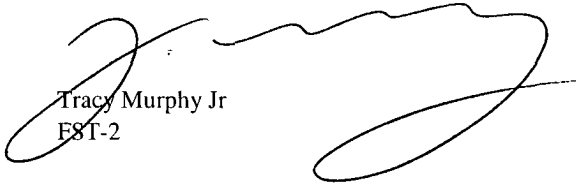
CC: Occidental Permian Ltd  
Enclosures: [2]  
County of Eddy  
State of New Mexico

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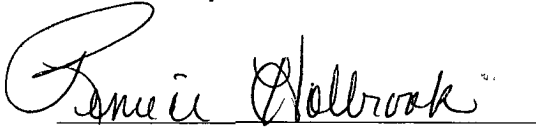
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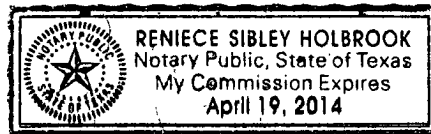
I, Tracy Murphy Jr certify that; I am employed by Drilling & Measurements (formerly Extreme), a division of Schlumberger Technology Corporation; that I did on the day(s) of June 18, 2012 through June 22, 2012, conduct or supervise the taking of the SlimPulse surveys from a depth of 1086.00 feet to a depth of 3507.00 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 Occidental Permian Ltd for the Rogers 23 FEE #6 Well (Original Hole) API No. 30-015-39850 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  
EST-2

Before me, Tracy Murphy Jr., on this day personally appeared in person, 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 24th day of June, (year) 2012.

  
Notary Public



# Rogers 23 FEE #6 MWD 1087' to 3507' Survey Report

(Non-Def Survey)

Report Date:	June 22, 2012 - 11 26 AM	Survey / DLS Computation:	Minimum Curvature / Lubinski
Client:	OXY Permian	Vertical Section Azimuth:	0 000 ° (Gnd North)
Field:	Eddy (NAD27) 2011	Vertical Section Origin:	0.000 ft, 0 000 ft
Structure / Slot:	OXY Permian (Rogers 23 FEE #6) Savanna 415 / Rogers 23 FEE #6	TVD Reference Datum:	RKB
Well:	Rogers 23 FEE #6	TVD Reference Elevation:	3324 000 ft above Unknown
Borehole:	Original Hole	Seabed / Ground Elevation:	3310 000 ft above Unknown
UWI / API#:	NM-OXY-0003 / 30-015-39849	Magnetic Declination:	7 968 °
Survey Name:	Rogers 23 FEE #6 MWD 0' to 3507'	Total Field Strength:	48724 797 nT
Survey Date:	June 22, 2012	Magnetic Dip Angle:	80 454 °
Tort / AHD / DDI / ERD Ratio:	7 040 ° / 64 440 ft / 2 657 / 0 018	Declination Date:	June 22, 2012
Coordinate Reference System:	NAD27 Universal Transverse Mercator, Zone 13 North, US Feet	Magnetic Declination Model:	BGGM 2011
Location Lat / Long:	N 32° 43' 56 22384", W 104° 21' 3 73392"	North Reference:	Gnd North
Location Grid N/E Y/X:	N 11881881 085 ftUS, E 1839916.566 ftUS	Grid Convergence Used:	-0.010 °
CRS Grid Convergence Angle:	0 35091430 °	Total Corr Mag North->Grid North:	7 978 °
Grid Scale Factor:	0 99964559	Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Tie-in	855 53	1 29	72 52	855 42	3 03	3 03	12 29	0 12	11881884 11	1839928 85	N 32 43 56 25	W 104 21 3 59
Begin MWD Survey	1087 00	1 23	77 49	1086 83	4 35	4 35	17 20	0 05	11881885 43	1839933 76	N 32 43 56 27	W 104 21 3 53
	1259 00	1 41	73 89	1258 79	5 33	5 33	21 03	0 12	11881886 42	1839937 59	N 32 43 56 28	W 104 21 3 49
	1432 00	1 23	76 88	1431 74	6 34	6 34	24 89	0 11	11881887 43	1839941 45	N 32 43 56 29	W 104 21 3 44
	1602 00	1 41	88 74	1601 70	6 81	6 81	28 76	0 19	11881887 89	1839945 31	N 32 43 56 29	W 104 21 3 40
	1814 00	1 58	80 74	1813 62	7 33	7 33	34 25	0 13	11881888 41	1839950 80	N 32 43 56 29	W 104 21 3 33
	1949 00	1 32	80 74	1948 58	7 88	7 88	37 62	0 19	11881888 96	1839954 17	N 32 43 56 30	W 104 21 3 29
	2122 00	1 23	75 65	2121 54	8 66	8 66	41 39	0 08	11881889 74	1839957 94	N 32 43 56 31	W 104 21 3 25
	2295 00	0 97	70 99	2294 51	9 60	9 60	44 57	0 16	11881890 68	1839961 12	N 32 43 56 32	W 104 21 3 21
	2467 00	0 97	72 13	2466 48	10 52	10 52	47 33	0 01	11881891 60	1839963 88	N 32 43 56 33	W 104 21 3 18
	2643 00	1 14	105 88	2642 45	10 50	10 50	50 43	0 36	11881891 58	1839966 98	N 32 43 56 32	W 104 21 3 14
	2811 00	0 79	119 15	2810 43	9 48	9 48	53 05	0 25	11881890 56	1839969 60	N 32 43 56 31	W 104 21 3 11
	2986 00	0 88	143 67	2985 41	7 81	7 81	54 90	0 21	11881888 89	1839971 45	N 32 43 56 30	W 104 21 3 09
	3154 00	0 79	133 13	3153 39	5 98	5 98	56 51	0 11	11881887 06	1839973 06	N 32 43 56 28	W 104 21 3 07
	3333 00	0 70	129 70	3332 38	4 43	4 43	58 25	0 06	11881885 52	1839974 80	N 32 43 56 26	W 104 21 3 05
End MWD Survey	3507 00	0 88	128 20	3506 36	2 93	2 93	60 12	0 10	11881884 01	1839976 67	N 32 43 56 25	W 104 21 3 03

Survey Type: Non-Def Survey

Survey Error Model: ISCWSA Rev 0 \*\*\* 3-D 95 000% Confidence 2.7955 sigma  
 Survey Program:

Description	MD From (ft)	MD To (ft)	EQU Freq (ft)	Survey Tool Type	Borehole / Survey
	0 000	14 000	Act Sins	SLB_NSG+SSHOT-Depth Only	Original Hole / Rogers 23 FEE #6 MWD 0' to 3507'
	14 000	14 000	Act Sins	SLB_NSG+SSHOT-Depth Only	Original Hole / Rogers 23 FEE #6 MWD 0' to 3507'
	14 000	855 530	Act Sins	SLB_NSG+SSHOT	Original Hole / Rogers 23 FEE #6 MWD 0' to 3507'
	855 530	863 000	Act Sins	SLB_NSG+SSHOT	Original Hole / Rogers 23 FEE #6 MWD 0' to 3507'
	863 000	3507 000	Act Sins	SLB_MWD-STD	Original Hole / Rogers 23 FEE #6 MWD 0' to 3507'