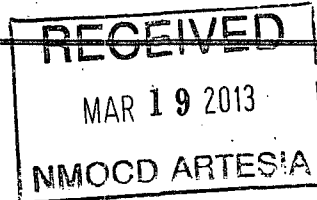


Schlumberger

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

January 26, 2013

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



Attention: Anthony T Tschacher

Re:

CLIENT: Occidental Permian Ltd
WELL: TIGGER 9 STATE # 4
FIELD: YESO
RIG: Savanna 415
COUNTY: Eddy
API NO: 30-015-40075
JOB NO: NM-OXY-0036

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>
Michael Putnam FST-T	TIGGER 9 STATE # 4 Original Hole	551.70 Ft to 5201.12 Ft	January 23, 2013 to January 26, 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,

Mike Johns
Field Service Manager

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

Schlumberger

Reservoir Development

Drilling & Measurements (Extreme Engineering)

6724 Corporation Pkwy Suite 100

Fort Worth, TX 76126

Phone: (817) 717-1820

Fax: (817) 546-7551

I, Michael Putnam certify that; I am employed by Drilling & Measurements (formerly Extreme), a division of Schlumberger Technology Corporation; that I did on the day(s) of January 23, 2013 through January 26, 2013, conduct or supervise the taking of the SlimPulse surveys from a depth of 551.7.00 feet to a depth of 5201.12.00 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 TIGGER 9 STATE # 4 Well (Original Hole) API No. 30-015-40075 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.

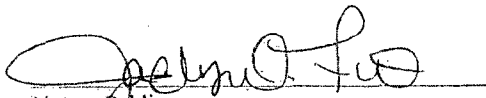

Michael Putnam
FST-T



Before me, Jaclyn D. Ferro, on this day personally appeared Michael John Putnam 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 January, 2013 (year).




Notary Public

my commission expires
July 18, 2015

TIGGER 9 STATE # 4 MWD 0' to 5201.118' Survey Report

(Def Survey)

RECEIVED

MAR 19 2013

NMOCD ARTESIA

Report Date: January 26, 2013 - 05:17 PM
 Client: NM, Eddy (NAD83 EZ) 2012
 Field: OXY (TIGGER 9 STATE # 4) SAV 415 / TIGGER 9 STATE # 4
 Structure / Slot: TIGGER 9 STATE # 4
 Well: Original Hole
 Borehole: NM-OXY-0038 / 30-015-40075
 UWI / API#: TIGGER 9 STATE # 4 MWD 0' to 5201.118'
 Survey Name: January 26, 2013
 Survey Date: 18.661° / 63.506° / 3.074° / 0.012
 Tort / AHD / DDI / ERD Ratio: NAD83 New Mexico State Plane, Eastern Zone, US Feet
 Coordinate Reference System: N 32° 50' 36.96000", W 104° 4' 24.80000"
 Location Lat / Long: N 670732.933 RUS, E 621136.667 RUS
 Location Grid N/E Y/X:
 CRS Grid Convergence Angle: 0.14092070°
 Grid Scale Factor: 0.99991638

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: 3579.700 ft above Unknown
 Seabed / Ground Elevation: 3585.700 ft above Unknown
 Magnetic Declination: 7.988°
 Total Field Strength: 48748.798 nT
 Magnetic Dip Angle: 60.597°
 Declination Date: January 26, 2013
 Magnetic Declination Model: BGGM 2012
 North Reference: Grid North
 Grid Convergence Used: 0.141°
 Total Corr Mag North-Grid North: 7.847°
 Local Coord Referenced To: Well Head

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	670732.93	621136.67	N 32 50 36.96	W 104 4 24.60
Assumed Vertical	463.00	0.00	0.00	463.00	0.00	0.00	0.00	0.00	670732.93	621136.67	N 32 50 36.96	W 104 4 24.60
Begin MWD	551.70	1.10	42.01	551.69	0.63	0.63	0.57	1.24	670733.57	621137.24	N 32 50 36.97	W 104 4 24.59
Surveys	871.11	2.29	57.77	871.05	2.76	2.70	3.30	1.06	670735.09	621140.02	N 32 50 36.99	W 104 4 24.56
	764.29	3.16	76.45	764.12	4.35	4.35	7.43	1.32	670737.26	621144.09	N 32 50 37.00	W 104 4 24.51
	855.66	2.81	70.96	855.37	5.67	5.67	11.99	0.49	670738.60	621148.66	N 32 50 37.02	W 104 4 24.46
	945.70	2.68	68.54	945.31	7.16	7.16	16.04	0.19	670740.09	621152.70	N 32 50 37.03	W 104 4 24.41
	1037.43	2.29	72.54	1036.95	8.50	8.50	19.78	0.47	670741.43	621156.45	N 32 50 37.04	W 104 4 24.37
	1111.18	1.80	77.64	1110.66	9.19	9.19	22.32	0.71	670742.12	621158.98	N 32 50 37.05	W 104 4 24.34
	1198.76	1.41	87.26	1198.20	9.53	9.53	24.74	0.54	670742.47	621161.40	N 32 50 37.05	W 104 4 24.31
	1241.49	1.41	86.16	1240.91	9.59	9.59	25.79	0.06	670742.53	621162.45	N 32 50 37.05	W 104 4 24.30
	1327.03	1.32	11.23	1326.44	10.63	10.63	27.03	1.94	670743.56	621163.69	N 32 50 37.06	W 104 4 24.28
	1415.62	1.10	95.04	1415.01	11.56	11.56	28.08	1.63	670744.49	621164.74	N 32 50 37.07	W 104 4 24.27
	1538.61	0.88	86.75	1537.99	11.47	11.47	30.20	0.20	670744.41	621166.06	N 32 50 37.07	W 104 4 24.25
	1668.51	0.70	107.65	1667.88	11.25	11.25	31.95	0.24	670744.19	621168.51	N 32 50 37.07	W 104 4 24.23
	1755.74	0.40	85.55	1755.10	11.12	11.12	32.78	0.42	670744.05	621169.42	N 32 50 37.07	W 104 4 24.22
	1842.16	0.40	81.77	1841.52	11.18	11.18	33.36	0.03	670744.12	621170.02	N 32 50 37.07	W 104 4 24.21
	1928.63	0.22	78.36	1927.99	11.27	11.27	33.82	0.21	670744.20	621170.48	N 32 50 37.07	W 104 4 24.20
	2058.63	0.48	58.28	2057.98	11.61	11.61	34.53	0.21	670744.54	621171.19	N 32 50 37.07	W 104 4 24.19
	2146.16	0.70	88.93	2145.51	11.81	11.81	35.37	0.43	670744.75	621172.04	N 32 50 37.08	W 104 4 24.19
	2276.90	0.70	306.24	2276.24	12.30	12.30	35.53	1.01	670745.23	621172.19	N 32 50 37.08	W 104 4 24.18
	2358.82	0.70	297.78	2358.16	12.83	12.83	34.68	0.13	670745.70	621171.34	N 32 50 37.09	W 104 4 24.19
	2446.70	0.70	274.64	2446.05	13.12	13.12	33.67	0.32	670746.06	621170.33	N 32 50 37.09	W 104 4 24.20
	2533.08	0.62	268.14	2532.41	13.15	13.15	32.68	0.13	670746.08	621169.34	N 32 50 37.09	W 104 4 24.22
	2661.88	0.48	296.35	2661.20	13.37	13.37	31.50	0.23	670746.30	621168.16	N 32 50 37.09	W 104 4 24.23
	2705.20	0.40	284.75	2705.52	13.49	13.49	31.18	0.27	670746.42	621167.85	N 32 50 37.09	W 104 4 24.23
	2793.24	0.31	288.75	2792.56	13.64	13.64	30.66	0.11	670746.57	621167.33	N 32 50 37.09	W 104 4 24.24
	2880.15	0.40	271.65	2879.47	13.73	13.73	30.14	0.16	670746.66	621166.80	N 32 50 37.10	W 104 4 24.25
	2966.62	0.48	290.86	2965.94	13.86	13.86	29.50	0.19	670746.80	621166.16	N 32 50 37.10	W 104 4 24.25
	3054.11	0.22	261.77	3053.43	13.97	13.97	28.99	0.35	670746.90	621165.65	N 32 50 37.10	W 104 4 24.26
	3140.62	0.22	270.56	3139.94	13.95	13.95	28.66	0.04	670746.88	621165.32	N 32 50 37.10	W 104 4 24.26
	3227.63	0.31	287.96	3226.94	14.02	14.02	28.27	0.14	670746.95	621164.93	N 32 50 37.10	W 104 4 24.27
	3358.50	0.22	323.64	3357.81	14.33	14.33	27.78	0.14	670747.27	621164.45	N 32 50 37.10	W 104 4 24.27
	3444.75	0.09	348.03	3444.06	14.53	14.53	27.67	0.17	670747.47	621164.33	N 32 50 37.10	W 104 4 24.28
	3531.63	0.40	314.06	3530.94	14.81	14.81	27.44	0.38	670747.74	621164.10	N 32 50 37.11	W 104 4 24.28
	3618.18	0.40	247.26	3617.48	14.90	14.90	26.94	0.51	670747.84	621163.81	N 32 50 37.11	W 104 4 24.28
	3705.48	0.70	296.97	3704.78	15.03	15.03	26.19	0.81	670747.96	621162.85	N 32 50 37.11	W 104 4 24.29
	3791.73	0.86	298.15	3791.03	15.58	15.58	25.13	0.21	670748.51	621161.80	N 32 50 37.11	W 104 4 24.30
	3876.68	0.70	312.43	3877.90	16.25	16.25	24.15	0.31	670749.19	621160.82	N 32 50 37.12	W 104 4 24.32
	3966.18	0.70	296.26	3965.46	16.85	16.85	23.28	0.23	670749.78	621159.94	N 32 50 37.13	W 104 4 24.33
	4053.08	0.62	290.46	4052.36	17.25	17.25	22.36	0.12	670750.18	621159.03	N 32 50 37.13	W 104 4 24.34
	4172.44	0.40	306.06	4171.71	17.72	17.72	21.42	0.22	670750.65	621158.08	N 32 50 37.13	W 104 4 24.35
	4258.79	0.62	310.94	4258.06	18.20	18.20	20.82	0.26	670751.14	621157.49	N 32 50 37.14	W 104 4 24.36
	4346.26	0.62	333.05	4345.52	18.94	18.94	20.25	0.27	670751.87	621156.92	N 32 50 37.15	W 104 4 24.36
	4433.56	0.48	282.16	4432.82	19.43	19.43	19.68	0.56	670752.37	621156.34	N 32 50 37.15	W 104 4 24.37
	4563.85	0.40	308.04	4562.90	19.83	19.83	18.79	0.16	670752.76	621155.45	N 32 50 37.16	W 104 4 24.38
	4650.72	0.40	299.87	4649.98	20.17	20.17	18.29	0.07	670753.10	621154.95	N 32 50 37.16	W 104 4 24.39
	4737.21	0.48	300.97	4736.46	20.50	20.50	17.71	0.09	670753.44	621154.38	N 32 50 37.16	W 104 4 24.39
	4824.08	0.48	313.93	4823.33	20.94	20.94	17.14	0.12	670753.88	621153.81	N 32 50 37.17	W 104 4 24.40
	4909.88	0.48	335.24	4909.12	21.52	21.52	16.73	0.21	670754.45	621153.40	N 32 50 37.17	W 104 4 24.40
	4997.54	0.40	303.34	4996.78	22.02	22.02	16.32	0.29	670754.95	621152.99	N 32 50 37.18	W 104 4 24.41
	5125.36	0.40	281.23	5124.60	22.35	22.35	15.51	0.12	670755.29	621152.18	N 32 50 37.18	W 104 4 24.42
End MWD Surveys	5201.12	0.40	254.56	5200.36	22.33	22.33	15.00	0.24	670755.27	621151.66	N 32 50 37.18	W 104 4 24.42

Survey Type: Def Survey

Survey Error Model: ISOWSA 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	14.000	1/14.000	SLB_BUND-TREND-Depth Only	Original Hole / TIGGER 9 STATE # 4 MWD 0' to 5201.118'
	14.000	463.000	1/98.425	SLB_BUND-TREND	Original Hole / TIGGER 9 STATE # 4 MWD 0' to 5201.118'
	463.000	463.000	Act Sins	SLB_BUND-TREND	Original Hole / TIGGER 9 STATE # 4 MWD 0' to 5201.118'
	463.000	5201.118	1/4738.118	SLB_MWD-STD	Original Hole / TIGGER 9 STATE # 4 MWD 0' to 5201.118'