

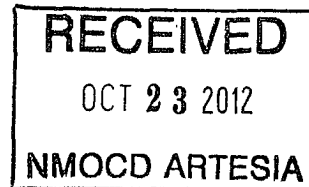
30-015-37993

Occidental Permian Ltd.
Greenway Plaza Suite 110
Houston Tx 77046

Date: October 22, 2012

Attention: Anthony Tschacher
Jennifer Duarte

Re: Occidental Permian Ltd
Tigger 9 State #5
Eddy County, New Mexico



Enclosed, please find the original survey performed on the referenced well by Savanna 415 using Weatherford's AMS tool. Other information required by your office is as follows:

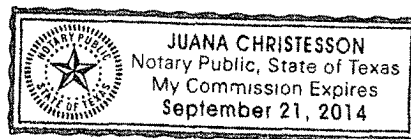
Name & Title Of Surveyor	Surveyed Depths	Dates Performed	Type of Survey
Savanna 415	591' MD to 4711' MD	05/19/2012 05/24/2012	AMS Inc/Azim

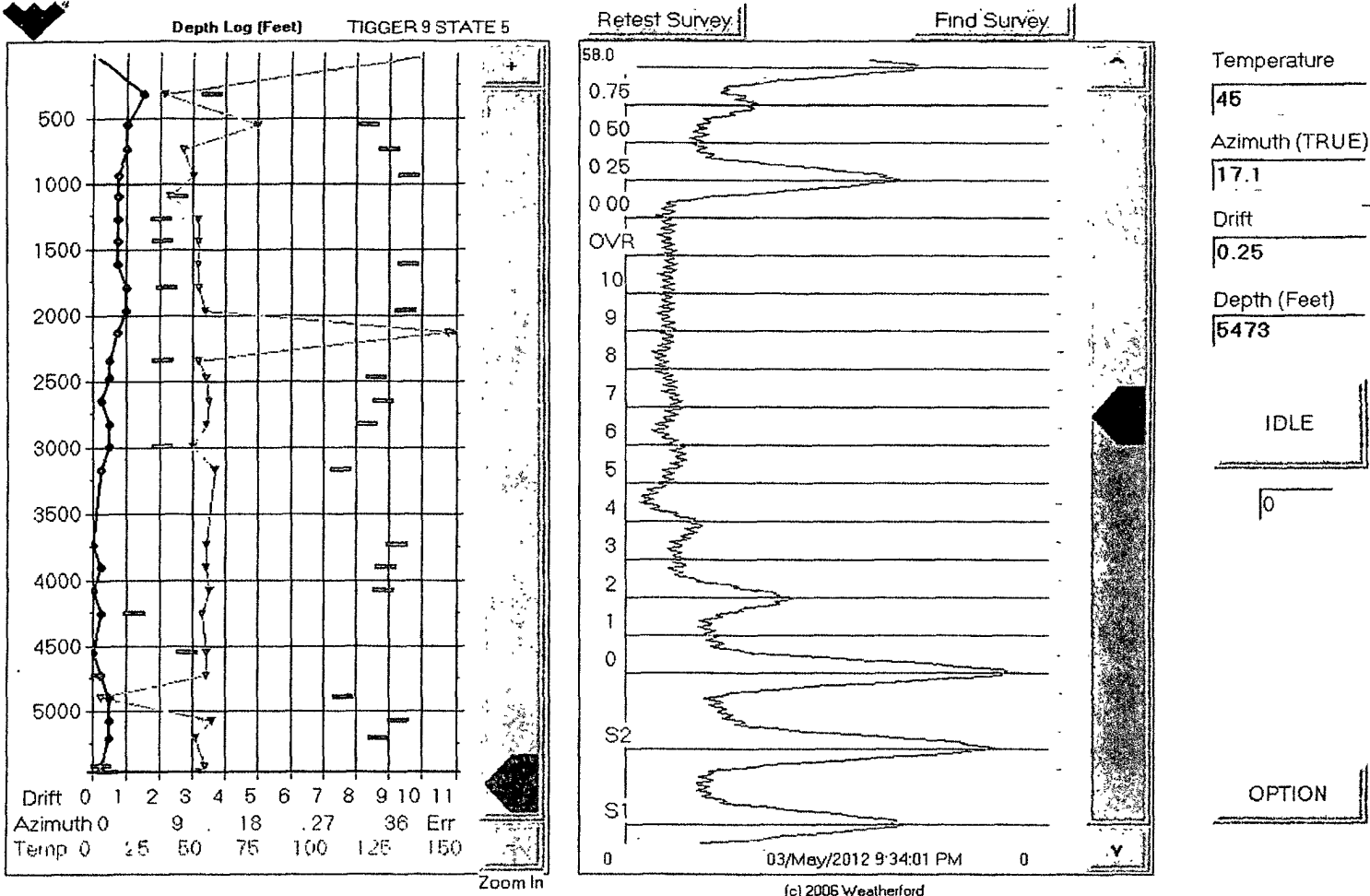
Gordon Wilk

On this, the 22 day of OCT, 2012 before me a notary public, the undersigned officer, personally appeared Gordon Wilk, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.

Juana Christesson
Notary Public





Logging Program System Parameters

04/May/2012

Well Name	TIGGER 9 STATE 5		File Size (KBytes)	10752
Legal SubDivision	TIGGER 9 STATE 5	Notes	MATT KING	
AFE #	1151774	Client Name	OXY	
Creation Date	25/Apr/2012	Acquisition Options ☒ A/D Enabled ☐ Wrap Data Continuously ☐ Automatic Filtering		
Service Order #	4026197			
CSS #	ASK-3292	Depth Scale ☐ Meters ☒ Feet		
DMT #	AMS-024			
Battery #	402938301/DL2	Filter Size	600	Pressure Scale ☒ PSI ☐ kPascals ☐ BAR
Pulser #	4C4E 8386	Declination	7.1	
Transducer #	5K HAMMER UNION	Azimuth Pulse Period	1500 mSec	Tool Type ☐ DMT 3500 ☒ AMS 2000
Pump On Pressure	150	Survey Duration	131 Sec	
Baseline Pressure	1140	Time Till Autostart	30 Sec	RESTART CLEAR LOG DOWNLOAD CANCEL OPTION
Pulse Range	110	Pump Off Time	90 Sec	
Pressure Transducer Full Scale Pressure	5000	Error Msg Timeout	300 Sec	
		Time of Day (HR:MIN)	12:00	

F:\DMTData\TIGGER 9 STATE 5\TIGGER 9 STATE 5.txt

Depthlog Information

Data File Version: 14
Logfile created with DMT Surface Plotter Rev W2.0ig
Legal Subdivision: TIGGER 9 STATE 5
Well Name: TIGGER 9 STATE 5
AFE Number: 1151774
Creation Date: 25/04/12 00:00:25
Number of Surveys: 29
Service Order Number: 4026197
CSS Number: ASK-3292
DMT Number: AMS-024
Battery Number: 402906301/DL21
Pulser Number: 4C4E 8386
Client Name: OXY
Deepest Entry: 5473
Depth is measured in : FEET
Pulse Range: 1250 PSI
Baseline Pressure: 1140 PSI
Full Scale Pressure: 5000 PSI
Client used: PSI
File Size (KBytes): 10752
Survey Comment: "MATT KING"
Transducer Calibration Value: 13355 A/D Counts
Transducer Number: 5K HAMMER UNION
Pump Timeout Delay: 90
System Timeout Delay: 30
Tool Type: AMS 2000
Declination: 7.1
Azimuth Pulse Period: 1500
Azimuth Pulse Width: 500
Histogram Filter Size: 600
Hardware AtoD Rate: 1000 Samples/Sec
Software AtoD Usage Rate: 1000 Samples/Sec

Azimuth Error Codes

Azimuth > 360 is invalid angle or error code.
Error 420 -- MAG FP Number Overrange
Error 421 -- Missing Drift Start Bits
Error 422 -- Missing Drift Angle Bits
Error 423 -- Missing Drift Fraction Bits
Error 424 -- Multiple Drift Angle Bits
Error 425 -- Stuff Bit Error
Error 430 -- Missing Azimuth Stop bit.
Error 431 -- Missing Azimuth Start Bit.
Error 435 -- Parity Error.
Error 440 -- QFLEX Drift Angle too high.
Error 450 -- QFLEX EEROM Parity Error.
Error 460 -- Azimuth Angle too high.
Error 461 -- Temperature Value too high.

Date	Time	Depth	Drift	Azimuth[T]	Temperature	Record#
26/04/12	17:33:26	320	1.50	129.1	30	2
26/04/12	23:09:26	556	1.00	302.1	70	5
27/04/12	02:05:27	737	1.00	324.1	38	7
27/04/12	04:52:27	945	0.75	345.1	42	9
28/04/12	21:30:28	1101	0.75	91.1	32	15
29/04/12	00:12:29	1275	0.75	73.1	44	18
29/04/12	02:21:29	1448	0.75	75.1	44	20
29/04/12	04:49:29	1623	0.75	344.1	44	22
29/04/12	07:41:29	1796	1.00	79.1	44	27
29/04/12	10:04:29	1969	1.00	342.1	47	32
29/04/12	15:07:29	2142	0.75	435.0	151	39
29/04/12	17:07:29	2350	0.50	75.1	44	41
29/04/12	23:32:29	2437	0.50	311.1	48	44
30/04/12	06:46:30	2660	0.25	317.1	49	48
30/04/12	11:00:30	2932	0.50	300.1	48	54
30/04/12	13:47:30	3006	0.50	75.1	42	59
30/04/12	16:40:30	3179	0.25	272.1	51	63
01/05/12	05:11:01	3747	0.00	333.1	43	70
01/05/12	09:17:01	3913	0.25	320.1	48	74
01/05/12	12:21:01	4086	0.00	318.1	49	78
01/05/12	18:43:01	4259	0.25	45.1	46	84
02/05/12	00:44:02	4562	0.00	102.1	48	89
02/05/12	04:31:02	4735	0.25	3.1	48	93
02/05/12	10:12:02	4907	0.50	274.1	4	97
02/05/12	16:14:02	5080	0.50	334.1	50	102
03/05/12	09:28:03	5210	0.50	313.1	43	104
03/05/12	11:42:03	0	0.00	410.0	151	105
03/05/12	17:27:03	5426	0.25	9.1	47	106
03/05/12	21:34:03	5473	0.25	17.1	45	108