

Occidental Permian Ltd.
5 Greenway Plaza Suite 110
Houston Tx 77046

Date: May 24, 2012

Attention: Carlos Mercado
Jennifer Duarte

Re: Occidental Permian Ltd
Roo 22 State #7
Eddy County, New Mexico

15-39653

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.

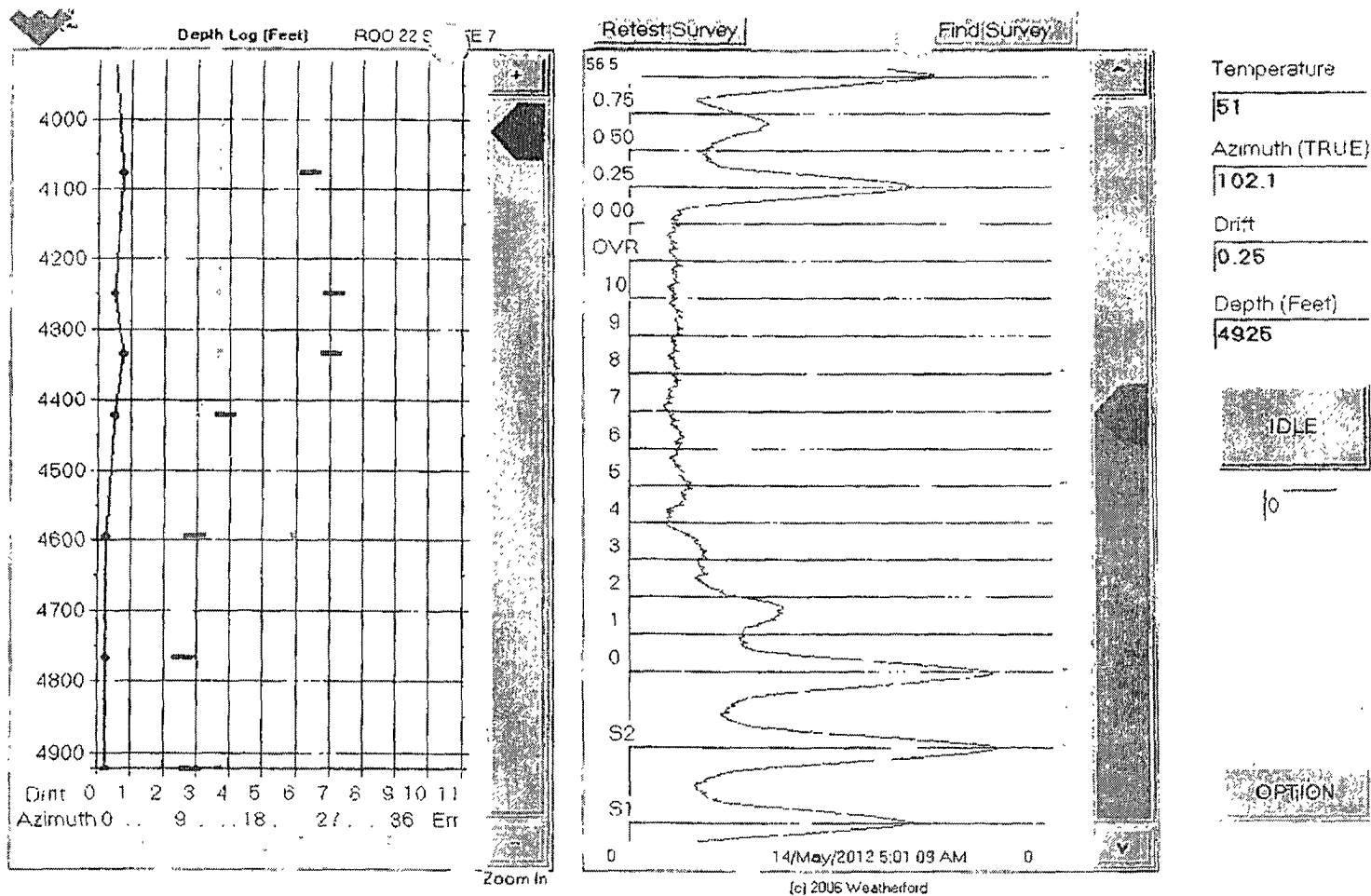
Name & Title Of Surveyor	Surveyed Depths	Dates Performed	Type of Survey
Savanna 415	312' MD to 4925' MD	04/05/2012 04/10/2012	AMS Inc/Azim

On this, the 25 day of May, 2012, before me a notary public, the undersigned officer, personally appeared Carlos Mercado, 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

Kaye L. Harrison
Notary Public





Logging Program System Parameters

14/May/2012

Well Name	ROO 22 STATE 7	File Size (KBytes)	5376
Legal SubDivision	ROO 22 STATE 7	Notes	MATT KING
AFE #	1140881	Client Name	OOX
Creation Date	08/May/2012	Apply ambient pressure to transducer and press Calibrate Calibrate	
Service Order #	4026298	Acquisition Options ☒ A/D Enabled ☐ Wrap Data Continuously ☐ Automatic Filtering	
CSS #	ASK-3292	RESTART	
DMT #	AMS 024	Depth Scale ☐ Meters ☒ Feet	
Battery #	402938301/DL1	Pressure Scale ☒ PSI ☐ kPascals ☐ BAR	
Pulsar #	4C4E-8386	DOWNLOAD	
Transducer #	5K HAMMER UNION	Tool Type ☐ DMT 3500 ☒ AMS 2000	
Pump On Pressure	150	CANCEL	
Baseline Pressure	490	OPTION	
Pulse Range	140	Filter Size	600
Pressure Transducer Full Scale Pressure	5000	Declination	71
		Azimuth Pulse Period	1500 mSec
		Survey Duration	131 Sec
		Time Till Autostart	30 Sec
		Pump Off Time	90 Sec
		Error Msg Timeout	300 Sec
		Time of Day (HR:MIN)	17:27

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Depthlog Information

Data File Version: 14
Logfile created with DMT Surface Plotter Rev W2.01g
Legal Subdivision: ROO 22 STATE 7
Well Name: ROO 22 STATE 7
AFE Number: 1140881
Creation Date: 08/05/12 00:00:08
Number of Surveys: 26
Service Order Number: 4026298
CSS Number: ASK-3292
DMT Number: AMS 024
Battery Number: 402938301/DL11
Pulser Number: 404E 83P6
Client Name: OXY
Deepest Entry: 4925
Depth is measured in : FEET
Pulse Range: 630 PSI
Baseline Pressure: 490 PSI
Full Scale Pressure: 5000 PSI
Client used: PSI
File Size (KBytes): 5376
Survey Comment: "MATT KING"
Transducer Calibration Value: 13395 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 #P 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 EEPROM Parity Error.
Error 460 -- Azimuth Angle too high.
Error 461 -- Temperature Value too high.

Date	Time	Depth	Drift	Azimuth(T)	Temperature	Record#
09/05/12	01:31:09	312	1.25	145.1	26	2
09/05/12	09:54:09	801	1.00	135.1	34	12
09/05/12	12:32:09	966	0.75	276.1	39	18
09/05/12	15:00:09	1139	0.50	278.1	42	20
09/05/12	17:32:09	1355	0.50	260.1	46	22
09/05/12	18:58:09	1485	0.50	251.1	47	24
09/05/12	21:19:09	1658	0.50	228.1	47	28
09/05/12	23:28:09	1830	0.50	231.1	48	32
10/05/12	02:20:10	2003	0.75	254.1	48	36
10/05/12	05:34:10	2176	0.75	252.1	47	40
10/05/12	08:25:10	2349	0.50	259.1	47	42
10/05/12	11:01:10	2522	0.50	248.1	46	45
10/05/12	13:48:10	2695	0.25	254.1	47	48
10/05/12	23:25:10	2868	0.75	191.1	46	50
11/05/12	04:56:11	3040	0.75	250.1	79	55
11/05/12	09:44:11	3213	0.75	177.1	46	59
11/05/12	16:12:11	3386	0.50	192.1	48	66
11/05/12	21:12:11	3559	0.75	250.1	80	71
12/05/12	01:55:12	3732	1.00	186.1	46	75
12/05/12	06:14:12	3905	0.50	222.1	55	80
12/05/12	13:41:12	4078	0.75	231.1	50	83
12/05/12	19:57:12	4251	0.50	256.1	51	86
12/05/12	23:21:12	4336	0.75	253.1	51	88
13/05/12	03:11:13	4424	0.50	139.1	42	90
13/05/12	10:57:13	4596	0.25	106.1	83	92
13/05/12	18:43:13	4769	0.25	93.1	42	94
14/05/12	05:01:14	4925	0.25	102.1	51	98
14/05/12	16:37:14	0	0.00	410.0	151	99