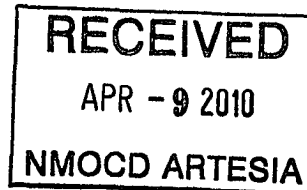


30 015 36373

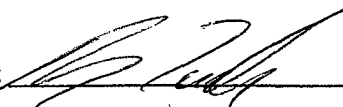
OPERATOR: Oxy USA, Inc.
WELL/LEASE: Goodnight 35 Federal 2H
COUNTY: Eddy



RIG #370

STATE OF NEW MEXICO
DEVIATION REPORT

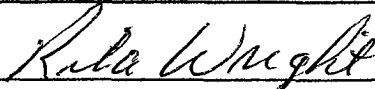
250	0.25	4135	3
500	0.5	4229	3
571	0.25	4323	3
663	0	4418	3
755	1	4512	2.5
846	0	5172	3
938	0.5	5267	2.75
1032	1	5344	2.75
1126	1		
1221	1		
1315	0.75		
2163	1.5		
2257	1.5		
2351	1.5		
2446	1.5		
2540	2		
2823	3		
3097	3.5		
3192	2.5		
3286	2.5		
3380	2.5		
3475	2.75		
3664	3		
4041	3.25		

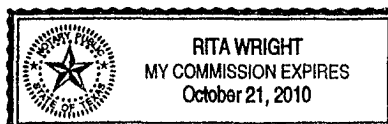
BY: 

STATE OF TEXAS

County Of Jim wells

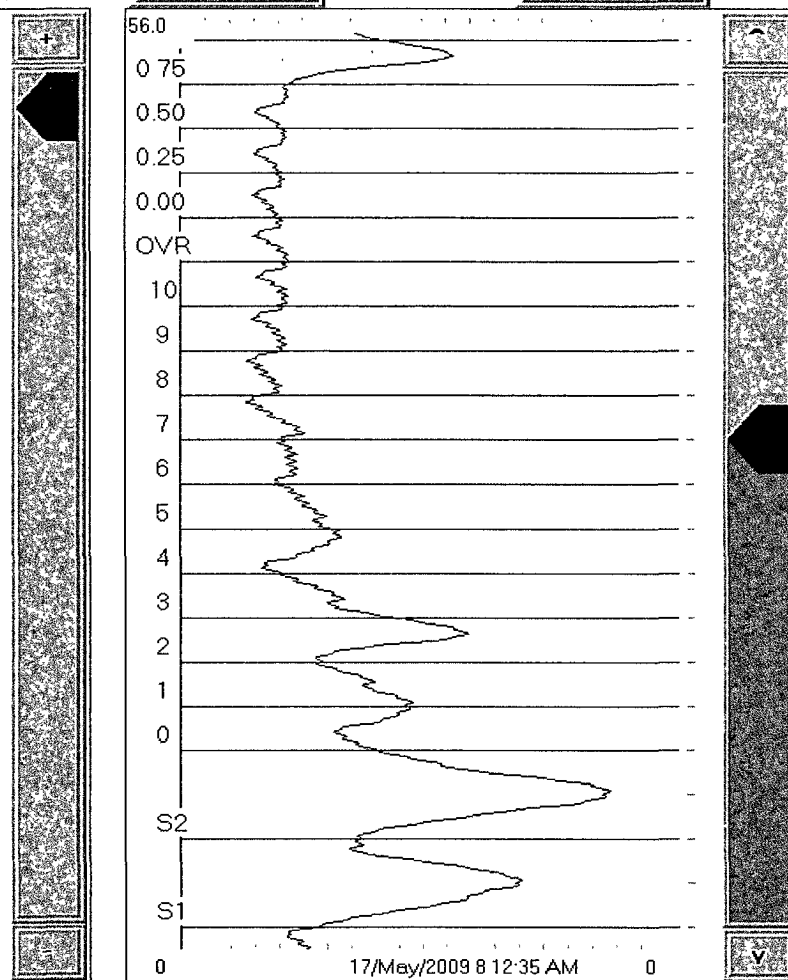
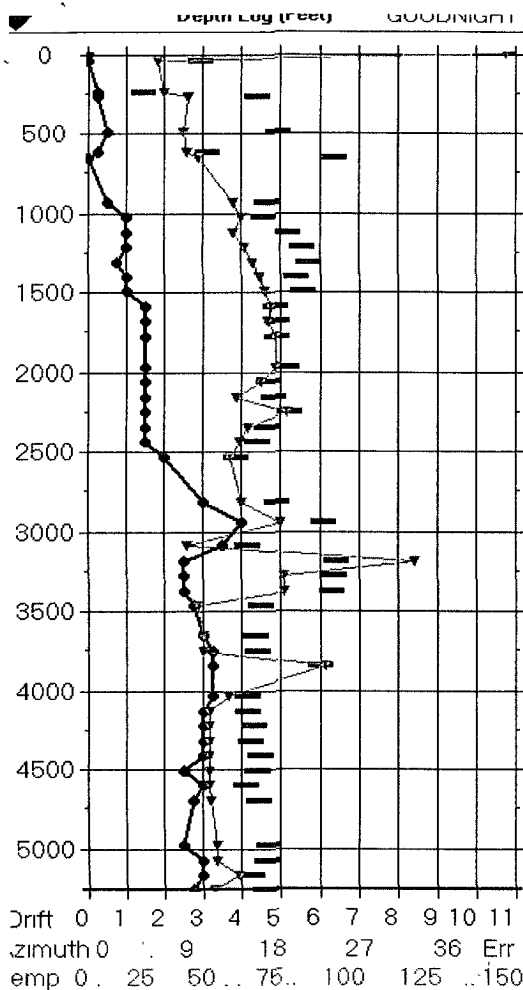
The foregoing instrument was acknowledged before me on 1-22-10, by Brian Tucker on behalf of Helmerich & Payne IDC.


Notary Public for Jim Wells County, Texas
My Commission Expires: 10-21-10



72

Date	Time	Depth	Drift	Azimuth[T]	Temperature	Record#
11/05/09	20:55:11	52	0.00	106.9	26	2
11/05/09	23:09:11	250	0.25	52.9	28	4
12/05/09	02:31:12	500	0.50	177.9	35	6
13/05/09	15:46:13	625	0.25	111.9	36	12
13/05/09	17:04:13	663	0.00	229.9	40	14
13/05/09	18:41:13	938	0.50	167.9	53	17
13/05/09	19:26:13	1032	1.00	163.9	56	18
13/05/09	20:07:13	1126	1.00	186.9	53	20
13/05/09	20:45:13	1221	1.00	200.9	57	21
13/05/09	21:24:13	1315	0.75	205.9	60	22
13/05/09	22:04:13	1409	1.00	193.9	62	23
13/05/09	22:52:13	1503	1.00	200.9	64	24
13/05/09	23:35:13	1598	1.50	174.9	66	25
14/05/09	00:44:14	1692	1.50	175.9	65	26
14/05/09	02:01:14	1786	1.50	175.9	68	27
14/05/09	04:14:14	1975	1.50	185.9	68	29
14/05/09	05:19:14	2069	1.50	168.9	63	30
14/05/09	07:02:14	2163	1.50	173.9	54	32
14/05/09	08:13:14	2257	1.50	187.9	72	33
14/05/09	09:16:14	2351	1.50	166.9	58	34
14/05/09	10:10:14	2446	1.50	158.9	55	35
14/05/09	10:53:14	2540	2.00	139.9	52	36
14/05/09	13:29:14	2823	3.00	175.9	56	40
14/05/09	15:31:14	2950	4.00	219.9	70	42
15/05/09	13:20:15	277	0.25	157.9	37	46
16/05/09	10:01:16	3097	3.50	148.9	36	51
16/05/09	10:48:16	3192	2.50	230.9	118	52
16/05/09	11:22:16	3286	2.50	229.9	71	53
16/05/09	11:58:16	3380	2.50	226.9	71	54
16/05/09	12:42:16	3475	2.75	160.9	40	55
16/05/09	14:22:16	3664	3.00	156.9	42	59
16/05/09	15:07:16	3758	3.25	158.9	42	60
16/05/09	16:05:16	3852	3.25	215.9	86	62
16/05/09	18:07:16	4041	3.25	149.9	51	66
16/05/09	18:54:16	4135	3.00	148.9	44	67
16/05/09	19:46:16	4229	3.00	155.9	44	68
16/05/09	20:42:16	4323	3.00	152.9	44	69
16/05/09	21:35:16	4418	3.00	160.9	44	70
16/05/09	22:27:16	4512	2.50	158.9	44	71
16/05/09	23:27:16	4606	3.00	147.9	44	72
17/05/09	00:54:17	4700	2.75	159.9	45	73
17/05/09	04:19:17	4983	2.50	168.9	47	75
17/05/09	05:18:17	5078	3.00	166.9	47	76
17/05/09	06:22:17	5172	3.00	153.9	55	77
17/05/09	07:48:17	0	0.00	410.0	151	78
17/05/09	08:12:17	5267	2.75	165.9	46	79



Temperature

46

Azimuth (TRUE)

165.9

Drift

2.75

Depth (Feet)

5267

START

0

OPTION

Zoom In

(c) 2006 Weatherford

Logging Program System Parameters

17/May/2009

Well Name

GOODNIGHT 35 FEDERA

File Size (KBytes)

12032

Legal SubDivision

GOODNIGHT 35 FEDERA

Notes

05-11-09 PI 1000 IC 1100 MF

AFE #

Apply ambient
pressure to
transducer and
press Calibrate

Client Name

OXY

Creation Date

11/May/2009

Service Order #

4016858

12711

CSS #

WOL 3289

Calibrate

DMT #

AMS-025

Battery #

13814 / 14.71 D

Filter Size

600

Pulser #

4C-112

Declination

7.9

Transducer #

HAMMER UNION 5K P

Azimuth Pulse Period

1500

mSec

Pump On Pressure

150

Survey Duration

131

seconds

Baseline Pressure

0

Time Till Autostart (Seconds)

300

Pulse Range

5000

Pump Off Time (Seconds)

95

Pressure Transducer
Full Scale Pressure

5000

Error Msg Timeout (Seconds)

300

Time of Day (HR:MIN)

16:44

Acquisition Options

☒ A/D Enabled

☐ Wrap Data Continuously

☐ Automatic Filtering

RESTART

Depth Scale

☐ Meters

☒ Feet

Pressure Scale

☒ PSI

☐ kPascals

☐ BAR

CLP LOG

DOWNLOAD

Tool Type

☐ DMT 3500

☒ AMS 2000

CANCEL

OPTION