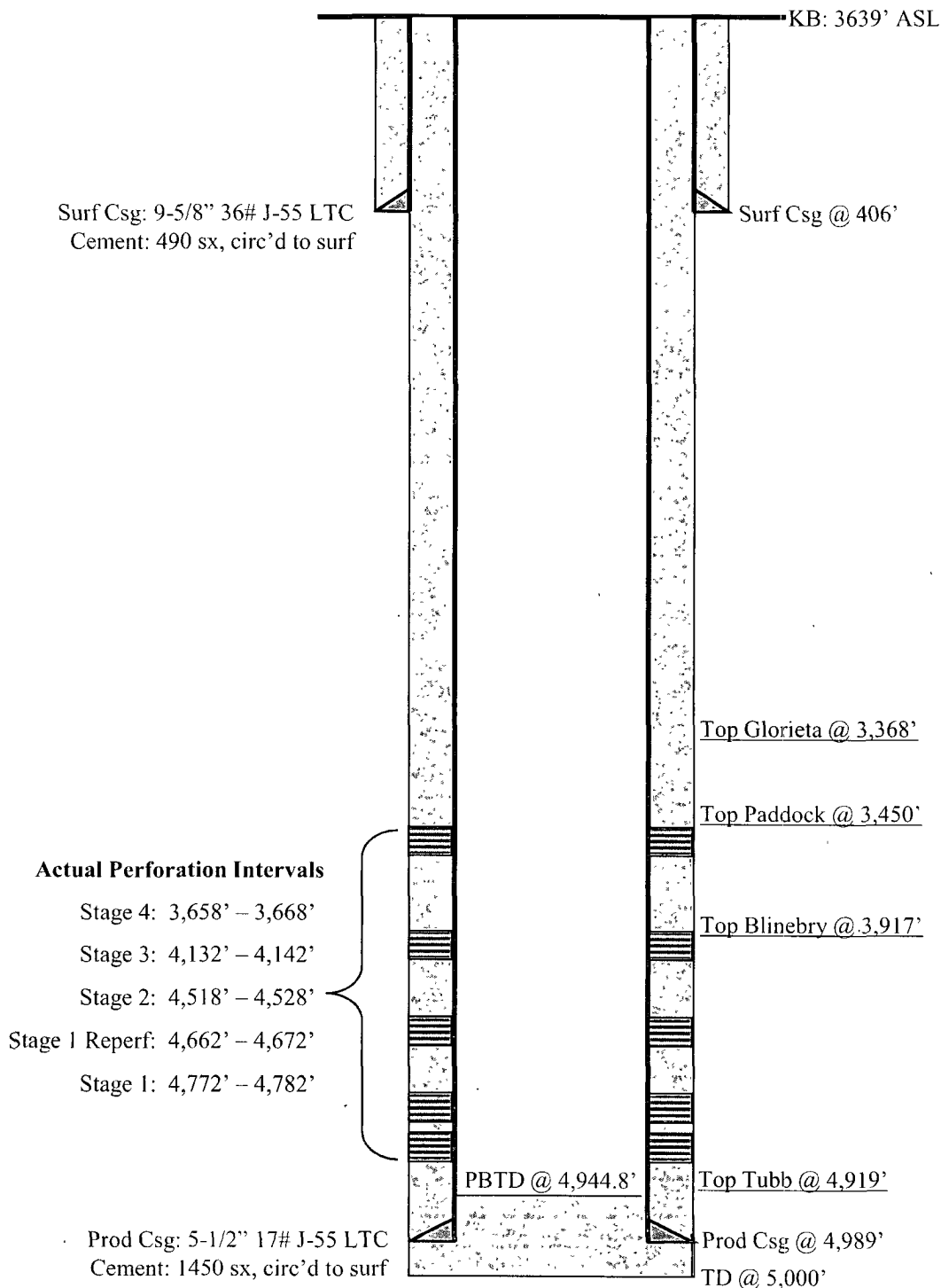


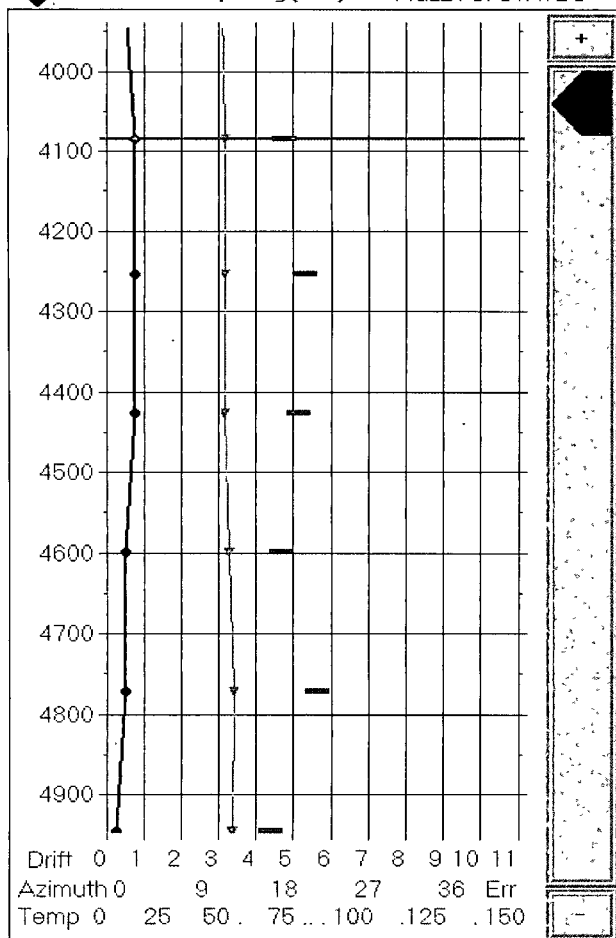
Occidental Oil & Gas Corp – Permian Primary – North NM/Terrell RMT

Well: Piglet 21 State #2		API: 30-015-39498	
State: New Mexico	County: Eddy	T18S R28E, Sec 21	915' FSL & 2283' FEL
Field: Empire	TD: 5,000'	PBTD: 4,944.8'	KB: 3,639' ASL
Casing Size:	Grade/Weight:	Depth:	Cement:
9-5/8"	J-55 LTC / 36#	406'	490 sx, circ'd to surf
5-1/2"	J-55 LTC / 17#	4,989'	1450 sx, circ'd to surf



Depth Log (Feet)

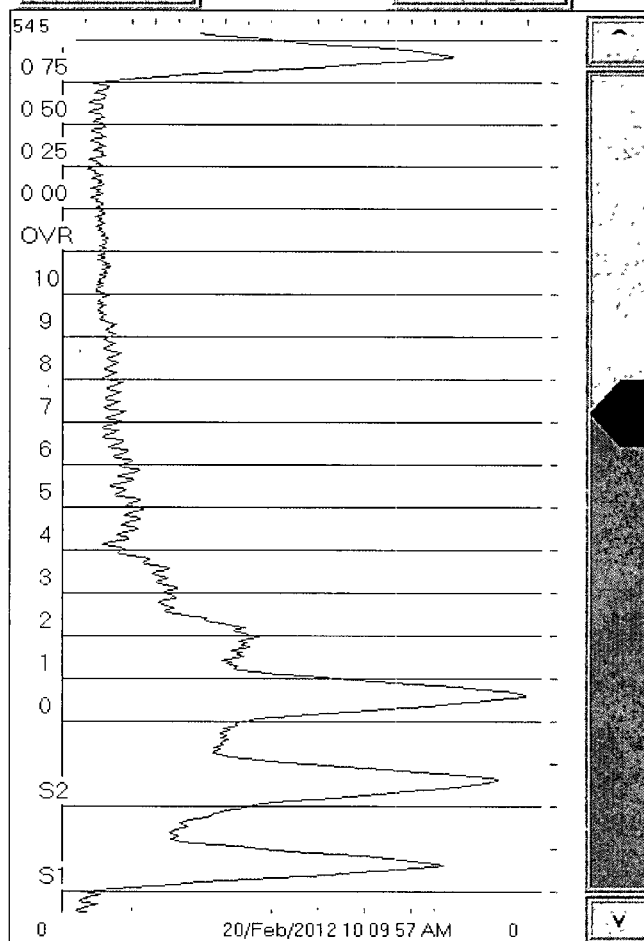
PIGLET 21 STATE 2



Zoom In

Retest Survey

Find Survey



(c) 2006 Weatherford

Temperature

44

Azimuth (TRUE)

172.2

Drift

0.75

Depth (Feet)

4085

IDLE

0

OPTION

Logging Program System Parameters

21/Feb/2012

Well Name

PIGLET 21 STATE 2

File Size (KBytes)

768

Legal SubDivision

PIGLET 21 STATE 2

AFE #

1140869

Creation Date

16/Feb/2012

Service Order #

4025620

CSS #

ASK 3295

DMT #

AMS-098

Battery #

403158645/DL3

Pulser #

4C4E 127

Transducer #

5K HAMMER UNION

Pump On Pressure

150

Baseline Pressure

1980

Pulse Range

250

Pressure Transducer
Full Scale Pressure

5000

Apply ambient
pressure to
transducer and
press Calibrate

13407

Calibrate

Filter Size

600

Declination

7.2

Azimuth Pulse Period

1000

mSec

Survey Duration

131

Sec

Time Till Autostart

30

Sec

Pump Off Time

95

Sec

Error Msg Timeout

300

Sec

Time of Day (HR:MIN)

15:56

Client Name

operator

Acquisition Options

☒ A/D Enabled☐ Wrap Data Continuously☐ Automatic Filtering

Depth Scale

☐ Meters☒ Feet

Pressure Scale

☒ PSI☐ kPascals☐ BAR

Tool Type

☐ DMT 3500☒ AMS 2000

RESTART

CLR LOG

DOWNLOAD

CANCEL

OPTION

Depthlog Information

Data File Version: 14

Logfile created with DMT Surface Plotter Rev W2.01g

Legal Subdivision: PIGLET 21 STATE 2

Well Name: PIGLET 21 STATE 2

AFE Number: 1140869

Creation Date: 16/02/12 00:00:16

Number of Surveys: 28

Service Order Number: 4025620

CSS Number: ASK 3295

DMT Number: AMS-098

Battery Number: 403158645/DL32

Pulser Number: 4C4E 127

Client Name: operator

Deepest Entry: 4948

Depth is measured in : FEET

Pulse Range: 2230 PSI

Baseline Pressure: 1980 PSI

Full Scale Pressure: 5000 PSI

Client used: PSI

File Size (KBytes): 768

Survey Comment: ""

Transducer Calibration Value: 13407 A/D Counts

Transducer Number: 5K HAMMER UNION

Pump Timeout Delay: 95

System Timeout Delay: 30

Tool Type: AMS 2000

Declination: 7.2

Azimuth Pulse Period: 1000

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 Overage

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#
17/02/12	20:47:17	412	1.00	357.1	19	3
17/02/12	23:09:17	592	0.50	15.2	25	6
18/02/12	01:54:18	786	0.25	336.1	32	8
18/02/12	04:46:18	972	0.00	287.1	33	11
18/02/12	06:45:18	1147	0.25	158.2	37	13
18/02/12	09:20:18	1320	0.50	172.2	41	15
18/02/12	11:54:18	1490	0.75	172.2	40	17
18/02/12	14:26:18	1667	0.75	173.2	42	21
18/02/12	17:10:18	1839	0.75	184.2	42	22
18/02/12	21:36:18	2010	0.50	173.2	40	24
19/02/12	02:45:19	2183	0.50	201.2	40	27
19/02/12	05:10:19	2359	0.50	189.2	42	29
19/02/12	07:34:19	2530	0.50	197.2	42	30
19/02/12	10:02:19	2703	0.25	165.2	42	33
19/02/12	13:29:19	2876	0.50	169.2	43	36
19/02/12	16:25:19	3049	0.50	189.2	42	39
19/02/12	19:17:19	3222	0.50	182.2	44	41
19/02/12	21:48:19	3392	0.75	181.2	44	43
20/02/12	00:22:20	3365	0.50	198.2	44	45
20/02/12	03:01:20	3737	0.25	177.2	45	47
20/02/12	06:26:20	3912	0.50	169.2	43	50
20/02/12	10:09:20	4085	0.75	172.2	44	52
20/02/12	15:05:20	4255	0.75	191.2	44	56
20/02/12	18:19:20	4427	0.75	185.2	44	58
20/02/12	22:34:20	4600	0.50	169.2	46	60
21/02/12	03:18:21	0	0.00	410.0	151	61
21/02/12	03:23:21	4772	0.50	203.2	48	62
21/02/12	15:38:21	4948	0.25	159.2	47	64