



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	New Gulf Operating LLC
Well Name	Dale 1
Doc ID	1060187

All Electric Logs Run

Triple Combo
Borehole sonic Array
Arrayy Compensated Resistivity
Spectral Density Dual Spaced Neutron Microlog

Form	ACO1 - Well Completion
Operator	New Gulf Operating LLC
Well Name	Dale 1
Doc ID	1060187

Tops

Name	Top	Datum
Base Anhydrite	2432	715
Stotler	3643	-476
Topeka	3772	-625
Heebner	4012	-865
Toronto	4029	-892
Lansing	4054	-907
Muncie Creek	4251	-1104
Lansing H	4262	
Stark	4354	-1207
BKC	4477	-1330
Marmaton	4510	-1363
Pawnee	4588	-1441
Cherokee Shale	4633	-1486
Johnson	4710	-1563

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

August 03, 2011

Wink Kopczynski
New Gulf Operating LLC
6310 E. 102nd St.
TULSA, OK 74137

Re: ACO1
API 15-171-20810-00-00
Dale 1
SW/4 Sec.33-17S-34W
Scott County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Wink Kopczynski



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

New Gulf Operating
6310 E 102nd St
Tulsa, Ok 74134
ATTN: Curtis Covey

Dale #1
33-17-34 Scott, KS
Job Ticket: 042690 **DST#: 1**
Test Start: 2011.06.21 @ 18:45:36

GENERAL INFORMATION:

Formation: **KC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:37:16
 Time Test Ended: 03:50:31
 Interval: **4250.00 ft (KB) To 4275.00 ft (KB) (TVD)**
 Total Depth: 4275.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35
 Reference Elevations: 3145.00 ft (KB)
 3135.00 ft (CF)
 KB to GR/CF: 10.00 ft

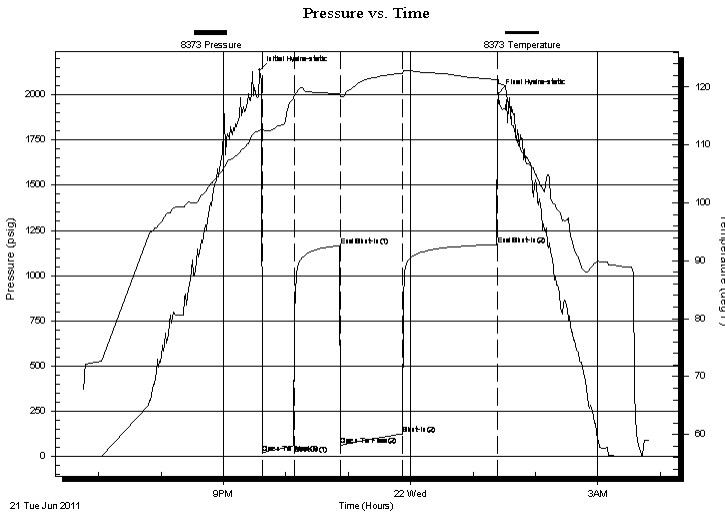
Serial #: 8373

Inside

Press @ Run Depth: 123.75 psig @ 4251.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.06.21 End Date: 2011.06.22 Last Calib.: 2011.06.22
 Start Time: 18:45:36 End Time: 03:50:31 Time On Btm: 2011.06.21 @ 21:35:01
 Time Off Btm: 2011.06.22 @ 01:24:15

TEST COMMENT: IF: Surface blow built to 7 in 30 min.
 IS: No return.
 FF: Surface blow built to 10 in 60 min.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2135.29	112.46	Initial Hydro-static
3	18.90	111.91	Open To Flow (1)
33	58.20	118.07	Shut-In(1)
77	1165.60	118.86	End Shut-In(1)
78	60.01	118.36	Open To Flow (2)
137	123.75	122.43	Shut-In(2)
228	1170.81	121.31	End Shut-In(2)
230	2009.20	121.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw trace of oil 85%w 15%m	1.74
62.00	mcw trace of oil 60%w 40%m	0.87
30.00	w cm oil spots 20%w 80%m	0.42
1.00	free oil 100%o	0.01

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

New Gulf Operating

Dale #1

6310 E 102nd St
Tulsa, Ok 74134

33-17-34 Scott, KS

Job Ticket: 042690

DST#: 1

ATTN: Curtis Covey

Test Start: 2011.06.21 @ 18:45:36

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

34000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	mcw trace of oil 85%w 15%m	1.739
62.00	mcw trace of oil 60%w 40%m	0.870
30.00	w cm oil spots 20%w 80%m	0.421
1.00	free oil 100%o	0.014

Total Length: 217.00 ft Total Volume: 3.044 bbl

Num Fluid Samples: 0

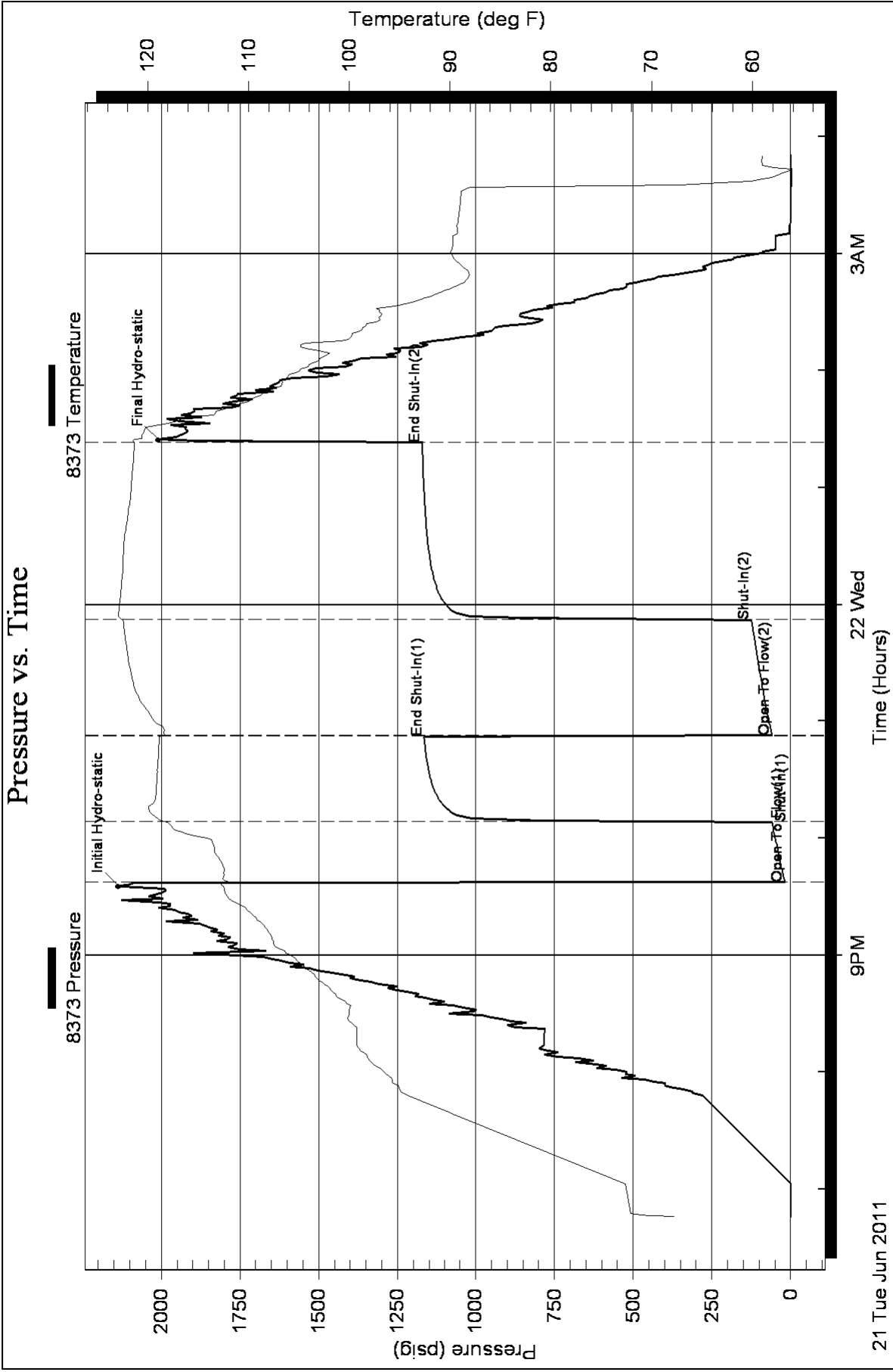
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .25@56=34000





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

New Gulf Operating
6310 E 102nd St
Tulsa, Ok 74134
ATTN: Curtis Covey

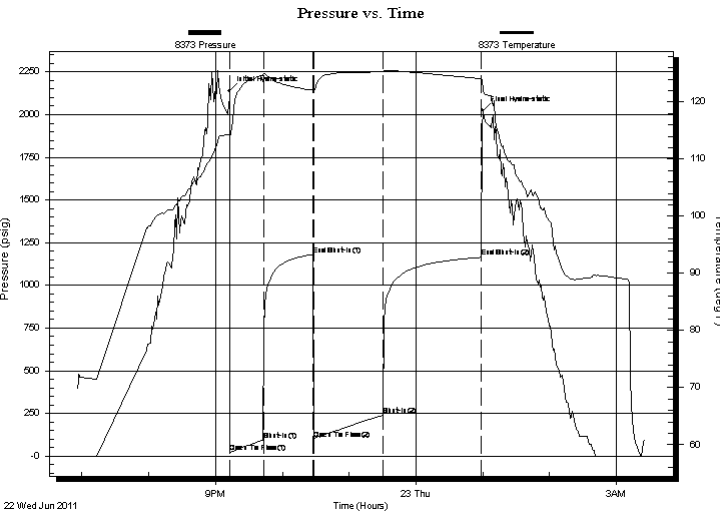
Dale #1
33-17-34 Scott, KS
Job Ticket: 042691 **DST#: 2**
Test Start: 2011.06.22 @ 18:56:04

GENERAL INFORMATION:

Formation: **Lansing K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:12:44
 Time Test Ended: 03:25:43
 Interval: **4352.00 ft (KB) To 4367.00 ft (KB) (TVD)**
 Total Depth: 4367.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35
 Reference Elevations: 3145.00 ft (KB)
 3135.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8373 Inside
 Press @ Run Depth: 239.47 psig @ 4353.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.06.22 End Date: 2011.06.23 Last Calib.: 2011.06.23
 Start Time: 18:56:04 End Time: 03:25:43 Time On Btm: 2011.06.22 @ 21:12:29
 Time Off Btm: 2011.06.23 @ 01:00:13

TEST COMMENT: IF: 1/4 blow BOB in 20 min.
 IS: No return.
 FF: Surface blow BOB in 25 min.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2140.32	114.24	Initial Hydro-static
1	23.14	113.55	Open To Flow (1)
31	94.66	124.70	Shut-In(1)
75	1181.22	122.06	End Shut-In(1)
76	101.09	121.66	Open To Flow (2)
138	239.47	125.25	Shut-In(2)
227	1164.25	124.08	End Shut-In(2)
228	2023.79	121.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 95%w 5%m	1.74
186.00	mcw 80%w 20%m	2.61
186.00	mcw trace of oil 50%w 50%m	2.61

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

New Gulf Operating

Dale #1

6310 E 102nd St
Tulsa, Ok 74134

33-17-34 Scott, KS

Job Ticket: 042691

DST#: 2

ATTN: Curtis Covey

Test Start: 2011.06.22 @ 18:56:04

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

30000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mcw 95%w 5%m	1.739
186.00	mcw 80%w 20%m	2.609
186.00	mcw trace of oil 50%w 50%m	2.609

Total Length: 496.00 ft Total Volume: 6.957 bbl

Num Fluid Samples: 0

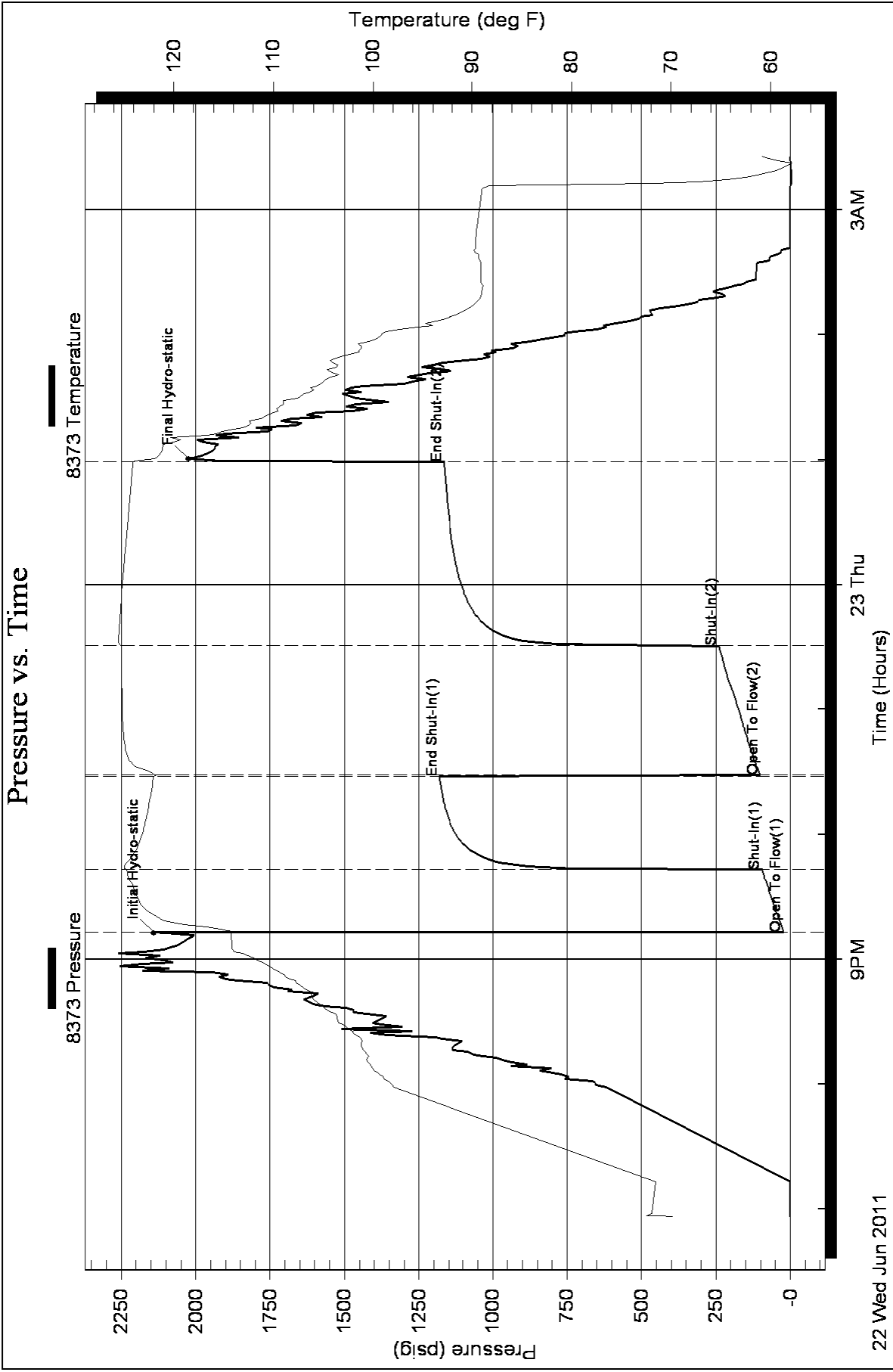
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .27@60=30000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

New Gulf Operating
6310 E 102nd St
Tulsa, Ok 74134
ATTN: Curtis Covey

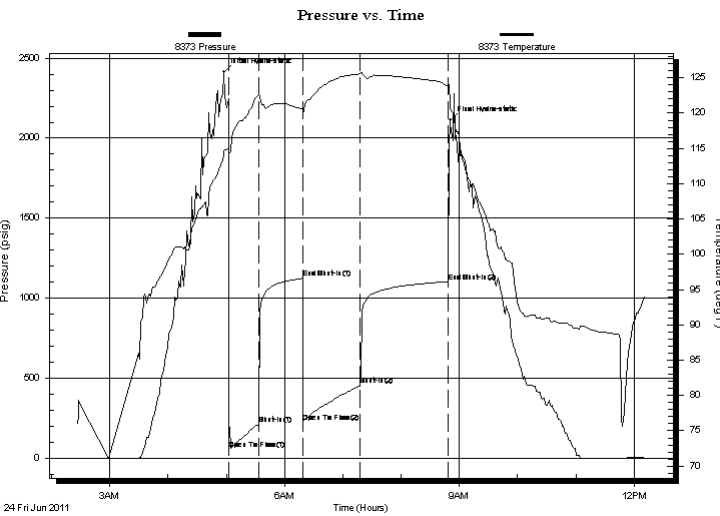
Dale #1
33-17-34 Scott, KS
Job Ticket: 042692 **DST#: 3**
Test Start: 2011.06.24 @ 02:26:52

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:02:47
Time Test Ended: 12:11:47
Interval: **4474.00 ft (KB) To 4573.00 ft (KB) (TVD)**
Total Depth: 4573.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Reference Elevations: 3145.00 ft (KB)
3135.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8373 Inside
Press @ Run Depth: 455.82 psig @ 4475.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.06.24 End Date: 2011.06.24 Last Calib.: 2011.06.24
Start Time: 02:26:52 End Time: 12:11:47 Time On Btm: 2011.06.24 @ 04:57:32
Time Off Btm: 2011.06.24 @ 08:50:31

TEST COMMENT: IF: 1/4 blow BOB in 7 min.
IS: No return.
FF: BOB in 12 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2411.05	114.59	Initial Hydro-static
6	58.22	114.19	Open To Flow (1)
36	213.00	122.60	Shut-In(1)
82	1124.27	120.57	End Shut-In(1)
82	223.62	119.98	Open To Flow (2)
141	455.82	125.57	Shut-In(2)
232	1102.63	123.80	End Shut-In(2)
233	2111.42	121.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	gocmw 20%g 20%o 50%w 10%m	1.74
186.00	gocmw 30%g 20%o 30%w 20%m	2.61
434.00	gocw m 20%g 30%o 20%w 30%m	6.09
226.00	mw co 50%o 30%w 20%m	3.17
0.00	GIP 124	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

New Gulf Operating

Dale #1

6310 E 102nd St
Tulsa, Ok 74134

33-17-34 Scott, KS

Job Ticket: 042692

DST#: 3

ATTN: Curtis Covey

Test Start: 2011.06.24 @ 02:26:52

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

25000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
124.00	gocmw 20%g 20%o 50%w 10%m	1.739
186.00	gocmw 30%g 20%o 30%w 20%m	2.609
434.00	gocw m 20%g 30%o 20%w 30%m	6.088
226.00	mw co 50%o 30%w 20%m	3.170
0.00	GIP 124	0.000

Total Length: 970.00 ft Total Volume: 13.606 bbf

Num Fluid Samples: 0

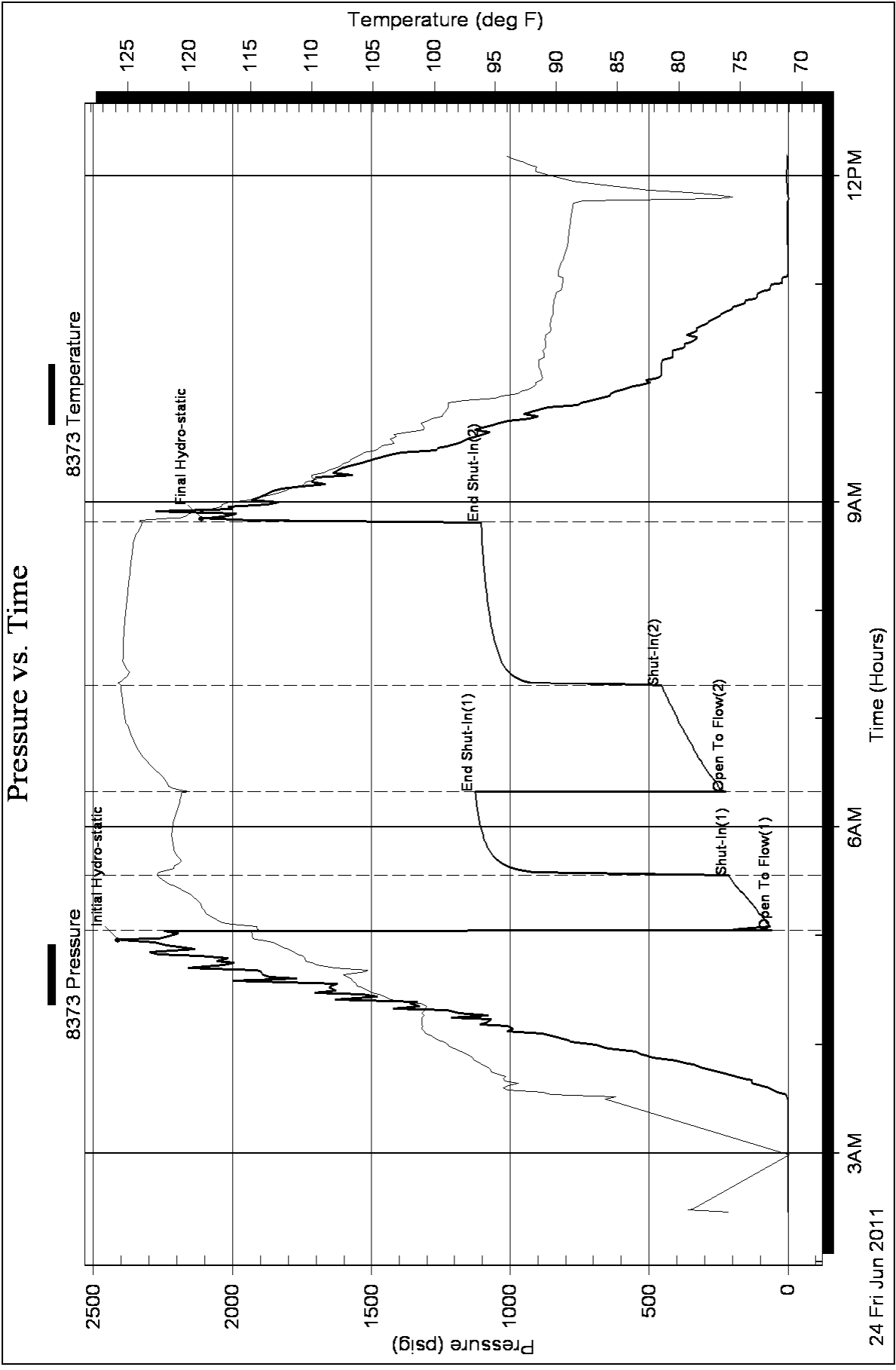
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .24@82=25000





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

New Gulf Operating
6310 E 102nd St
Tulsa, Ok 74134
ATTN: Curtis Covey

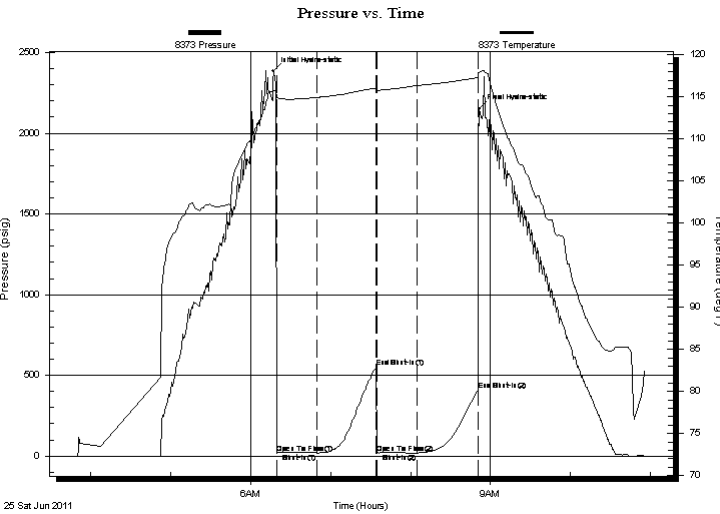
Dale #1
33-17-34 Scott, KS
Job Ticket: 042693 **DST#: 4**
Test Start: 2011.06.25 @ 03:50:30

GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:19:25
Time Test Ended: 10:55:24
Interval: **4568.00 ft (KB) To 4599.00 ft (KB) (TVD)**
Total Depth: 4599.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Reference Elevations: 3145.00 ft (KB)
3135.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8373 Inside
Press @ Run Depth: 19.98 psig @ 4569.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.06.25 End Date: 2011.06.25 Last Calib.: 2011.06.25
Start Time: 03:50:30 End Time: 10:55:24 Time On Btm: 2011.06.25 @ 06:17:25
Time Off Btm: 2011.06.25 @ 08:51:39

TEST COMMENT: IF: Surface blow died in 5 min.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2384.82	115.66	Initial Hydro-static
2	20.79	114.87	Open To Flow (1)
33	20.10	114.94	Shut-In(1)
77	554.20	116.07	End Shut-In(1)
78	19.72	115.73	Open To Flow (2)
108	19.98	116.34	Shut-In(2)
154	408.96	117.29	End Shut-In(2)
155	2150.29	117.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud oil spots 100%m	0.03

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

New Gulf Operating

Dale #1

6310 E 102nd St
Tulsa, Ok 74134

33-17-34 Scott, KS

Job Ticket: 042693

DST#: 4

ATTN: Curtis Covey

Test Start: 2011.06.25 @ 03:50:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud oil spots 100%m	0.028

Total Length: 2.00 ft Total Volume: 0.028 bbl

Num Fluid Samples: 0

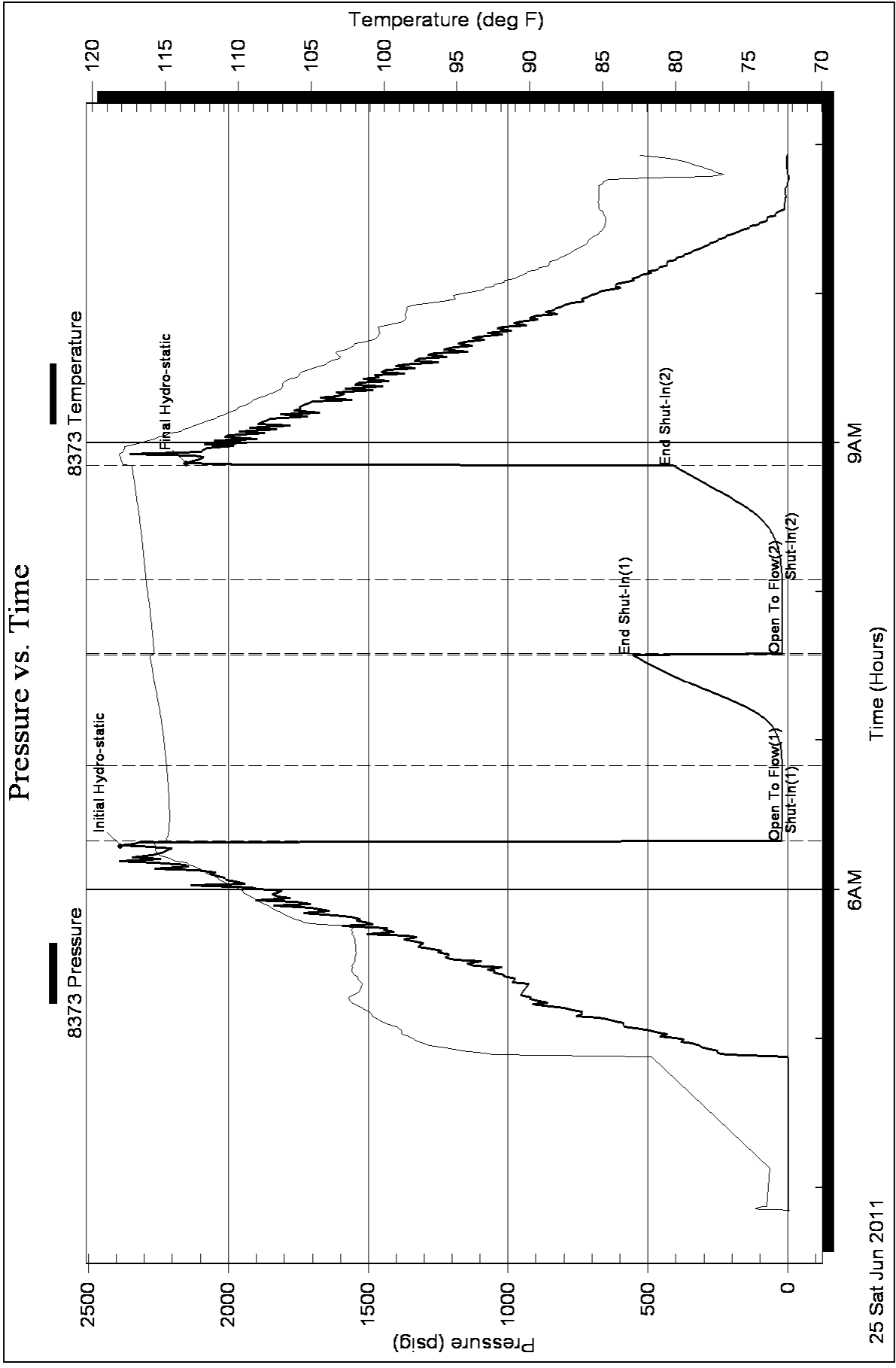
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

New Gulf Operating
6310 E 102nd St
Tulsa, Ok 74134
ATTN: Curtis Covey

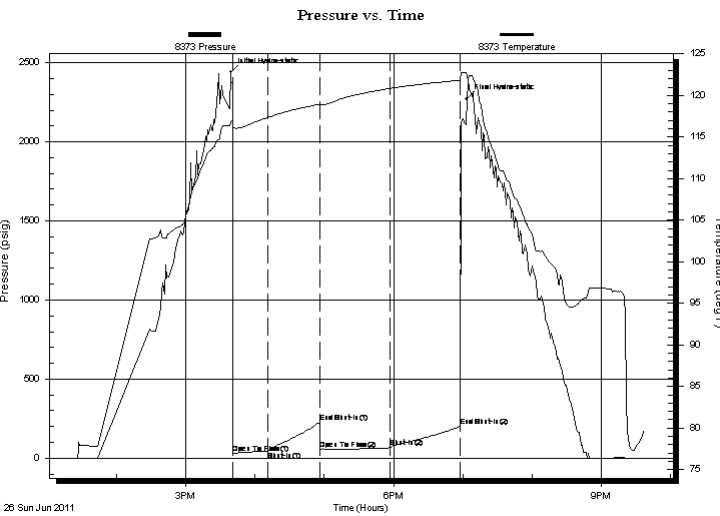
Dale #1
33-17-34 Scott, KS
Job Ticket: 042694 **DST#: 5**
Test Start: 2011.06.26 @ 13:25:50

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:40:30
Time Test Ended: 21:38:44
Interval: 4717.00 ft (KB) To 4793.00 ft (KB) (TVD)
Total Depth: 4793.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Reference Elevations: 3145.00 ft (KB)
3135.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8373 Inside
Press @ Run Depth: 66.62 psig @ 4718.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.06.26 End Date: 2011.06.26 Last Calib.: 2011.06.26
Start Time: 13:25:50 End Time: 21:38:44 Time On Btm: 2011.06.26 @ 15:38:45
Time Off Btm: 2011.06.26 @ 19:03:44

TEST COMMENT: IF: 1/4 blow built to 6 in 30 min.
IS: No return.
FF: Surface blow built to 5 in 60 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2438.75	116.61	Initial Hydro-static
2	29.73	116.24	Open To Flow (1)
32	44.65	117.34	Shut-In(1)
77	225.52	118.96	End Shut-In(1)
78	53.86	118.86	Open To Flow (2)
138	66.62	120.84	Shut-In(2)
200	202.42	121.86	End Shut-In(2)
205	2272.12	122.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	ocm 5%o 95%m	0.87
36.00	ocm 20%o 80%m	0.50

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

New Gulf Operating

Dale #1

6310 E 102nd St
Tulsa, Ok 74134

33-17-34 Scott, KS

Job Ticket: 042694

DST#: 5

ATTN: Curtis Covey

Test Start: 2011.06.26 @ 13:25:50

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	ocm 5%o 95%m	0.870
36.00	ocm 20%o 80%m	0.505

Total Length: 98.00 ft Total Volume: 1.375 bbl

Num Fluid Samples: 0

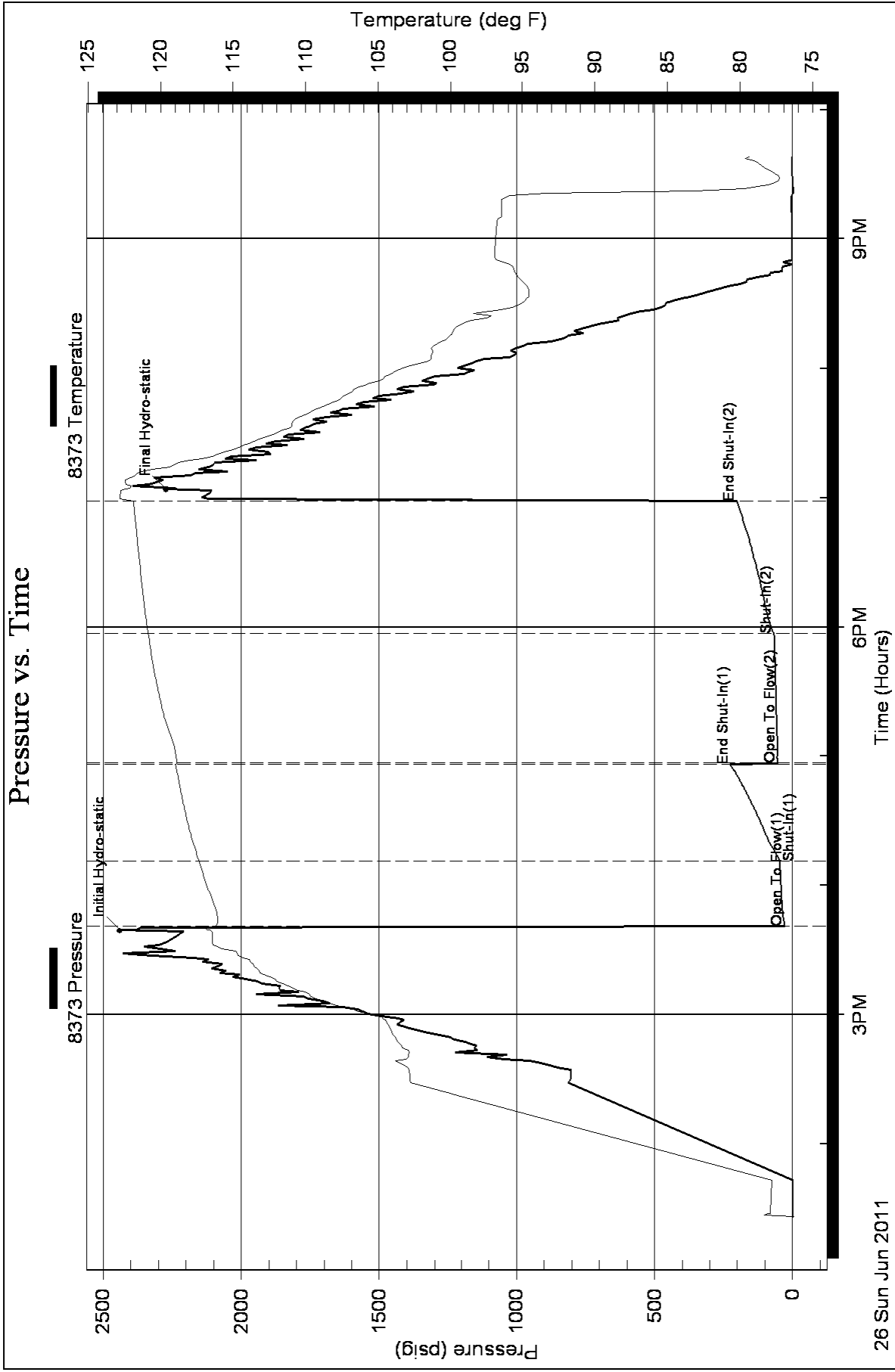
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 28041
LOCATION Oakley
FOREMAN Fuzz G Kelly G

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-15-11	5661	Dale #1	33	175	34W	Scott KS
CUSTOMER New Gulf Operating			vma doc			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			463	Josh G.		
STATE			429	Tim W		
ZIP CODE				miles S	RWD	

JOB TYPE Surf Seal HOLE SIZE 12 1/4 HOLE DEPTH 269' CASING SIZE & WEIGHT 8 5/8 24#
 CASING DEPTH 269' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 15'
 DISPLACEMENT 16.1 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on Val #1. Rig up & circulate
Mix + pump 180 sks Com 390 cc 2 bags. Drop plug
& displace 16.1 BBL. Cement did - circulate in collar

Thanks Fuzz & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE		
5406	45	MILEAGE	1025.00	1025.00
5407A	8.46 Ton	Tow mileage Delivery	5.00	225.00
			1.58	601.50
11045	180 SFS	CLASS 'A' cement	16.80	3024.00
1102	508 #	Calcium chloride	.84	426.72
1118B	338 #	Bentonite	.24	81.12
4432	1	8 5/8 plug (wood cup)	96.00	96.00
		subtotal		5479.34
		less 1590 disc		821.90
				4657.44
		242032		
		8.390		

Flavin 3737

AUTHORIZATION [Signature] TITLE C.S. man DATE _____
 SALES TAX ESTIMATED TOTAL 255.94
4913.38

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

KET NUMBER 30715

LOCATION Oakley Ks

FOREMAN Walt Dinkel

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-29-11	5661	Dale #1	33	17 ^s	34 ^u	Scott
CUSTOMER <u>New Gulf Operating, LLC</u>			Mudloc			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			1N	463	Tosh Gudala - miles Shaw	
STATE			12E	439	Calin	
ZIP CODE			212N	466-7129	Chris	
			W1S			

JOB TYPE Prod-DV-0 HOLE SIZE 7 7/8 HOLE DEPTH 4980' CASING SIZE & WEIGHT 5 1/2-15.5
 CASING DEPTH 4978' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 138-125 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 42'
 DISPLACEMENT 120 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting, Rig up to circ on Val #4, ran Float Equipment -
Cent on #1-2-3-6-9-12-15-18-21-24, 60-62-65-68-71-74-77-80
Dye on Top of E 61 #, ran casing to bottom, circ 1 Hr, Pump 500 gal Mud Flush
Mixed 175 sks Com, 10% salt, 5# Koscal, clear Pump + Lines, release Plug +
Displace 60 BBL water + 60 BBL mud @ 2850#, landed Plug @ 1300#
release Pressure, held open Tool Circ 4 Hrs, mix 30 sks in RA, 20 sks in WA,
mixed 400 sks 60/40 per, 8% Gel, 4# Flo-Seal, release Plug + Displaced 61 BBL
Water @ 900#, Landed Plug @ 1700#, release Pressure, held
Cement Did Circ
Thank You
Walt Dinkel

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	2850 ⁰⁰	2,850 ⁰⁰
5406	45	MILEAGE	5 ⁰⁰	225 ⁰⁰
1126	175 sks	O.W.C.	2145	3759 ⁰⁰
1110A	875#	Koscal	153	463 ⁷⁵
1118B	3256#	Bentonite	124	781 ⁴⁴
1114K	500 gal	Mud Flush	1 ⁰⁰	500 ⁰⁰
1131	450 sks	60/40 per	1435	6,457 ⁵⁰
1107	113 #	Flo-Seal	266	300 ⁵⁸
5407	27.58	Ton mileage Delivery	158	1,961 ¹⁰
4159	1	5 1/2 - AFU Float shoe	413 ⁰⁰	413 ⁰⁰
4130	18	" Centralizers	58 ⁰⁰	1044 ⁰⁰
4104	1	" Basket	276 ⁰⁰	276 ⁰⁰
4283	1	" DV Tool w/ Latch down	3850 ⁰⁰	3850 ⁰⁰
				22,881 ³⁷
				- 3,432 ²¹
				19,449 ¹⁶
				8.3
			SALES TAX	1,258 ⁹⁹
			ESTIMATED TOTAL	20,708 ¹⁵

Ravin 3737

AUTHORIZATION [Signature] TITLE Co. Man DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

DRILLING REPORT

NEW GULF ENERGY
 6310 E. 102nd Street
 Tulsa, Oklahoma 74137
 Office (918) 728-3020

1 DALE
 1400'FSL 1175'FWL
 Section 33-T17S-R34W
 Scott County, Kansas

Drilling Contractor: VAL DRILLING RIG 4 (620-617-2793)
 Larry Hinderliter 620-804-0097 Toolpusher

Geologist: Curtis Covey 316-258-9976 / JoeBaker 316-253-9696
 Comparison Well: New Gulf Energy

Elevation: **GL 3137 KB 3147**

API # 15-171-20810

1 Dale
 33-17S-34W

New Gulf Rep : Danny Birdwell 432-940-6680/ Engineer JoJo Birdwell 432-634-0773/Troy Poole

	SAMPLE TOPS	DATUM	SHOWS
ANHYDRITE	2432	+715	+20
BASE ANHYDRITE	2451	+696	+14
STOTLER	3643	-476	+16
TOPEKA	3772	-625	+13
HEEBNER	4012	-865	+13
TORONTO	4029	-882	+13
LANSING	4054	-907	+19
MUNCIE CREEK	4251	-1104	+14
Lansing H	4262		DST # 1:Ls Gd Porosity, Odor ,Med Fluor.Dk Br Oil, No Gas, Pos Cut/Acid
STARK	4354	-1207	+13 DST # 2 :Ls Gd Vuggy Porosity, Gd Odor, No Free Oil or Gas Med Brn Stain Pos Cut/Pos Acid
BKC	4477	-1330	+10
MARMATON	4510	-1363	DST # 3 (4510-20):Ls Gd Vuggy Frag. Por.,Ft Odor, Med Fluor.Trc Dk free Oil, (4560-70) Dk Staining,
PAWNEE	4588	-1441	+15 DST # 4 Ls Fr-Gd Porosity, Trace Shows Gas Bubbs & Free Oil, Spotted Lt Brn Stain, Fair Odor, Med Fluor. Pos Cut/Resid and Pos Acid Resid.
CHEROKEE SHALE	4633	-1486	+8
JOHNSON	4710	-1563	+19

6/15/11 Spud drill to 269'
 6/16/11 WOC US @ 11:15 am
 6/17/11 2270'
 6/18/11 3200' Displace Mud 3449'
 6/19/11 3815'
 6/20/11 3905' Down for repairs
 6/21/11 4213' Drilling Ahead
 6/22/11 4275' Dst # 1 Lansing H
 6/23/11 4367' Dst # 2 Lansing K

6/24/11 4573' Dst# 3 Marmaton
6/25/11 4599' Dst # 4 Pawnee
6/26/11 4793' Dst # 5 Johnson
6/27/11 4855' Miss

DST # 1 LANSING "H"

4262-4275
30-45-60-90
1st Open: 7" Blow
1st Shut in: No Blow
2nd Open:10' Blow
2nd Shut In: No Blow

Recovery: 1' Free Oil
30' Water Cut Mud 20% Water, 80% Mud
63' Mud Cut Water /Trace of Oil 40% Mud 60% Water
124' Mud Cut Water/Trace of Oil 15% Mud 85% Water

TOTAL FLUID: 217'

IFP/FFP:18-58/60-123
ISP/FSP:1165/1170 #
BHP:121 Rec Chl:34,000 System: 2,400 Chl Rw .26@ 56 deg

DST # 2 LANSING "K"

4352-4367
30-45-60-90
1st Open: BOB in 20"
1st Shut in: No Blow
2nd Open:BOB in 25"
2nd Shut In: No Blow

Recovery:
186' Muddy Water/trace Oil 50% Mud, 50% Wtr
186 Mud Cut Water 20% Mud,80% Wtr
124' Mud Cut Water 5% M, 95% Water

TOTAL FLUID: 496'

IFP/FFP:23-94/101-239#
ISP/FSP:1181-1164#
Rec Chl:30,000 Sys Chl: 3,500 RW .27@ 60 deg 124 deg F

DST # 3 Marmaton Zones

4474-4573
30-45-60-90
1st Open: BOB in 7"
1st Shut in: No Blow
2nd Open:BOB in 12"
2nd Shut In: No Blow

Recovery:
124' GIP
226' Mud Water Cut Oil (20% Mud,30% Wtr, **50% OIL**)
434' Gassy Wtr Cut OIL (20% Gas,20% Wtr.30% Mud.**30% OIL**)
186' Oily Mud Cut Gassy Water (30% Gas, 20% M,30% **20% OIL**)
124' Mud,Gas & Oil Cut Wtr. (10% Mud, 20% Gas 50% Wtr, **20 % OIL**)

RW .24 ohms @ 82 deg

TOTAL FUID: 970'

IFP/FFP:58-213/223-455#
ISP/FSP:1124-1102# Rec Chl:30,000 Sys Chl: 3,500 123 deg F

DST # 4 PAWNEE

4568-4599

30-45-30-45

1st Open: Surface Blow Died in 5 Minutes

1st Shut in: No Blow

2nd Open: No Blow

2nd Shut In: No Blow

Recovery:

2' Mud (Oil Spots)

TOTAL FLUID: 2'

IFP/FFP:20-20/19-19#

ISP/FSP: 554/408#

Rec Chl: NA Sys Chl: 4,700 ppm 117 deg F

DST # 5 JOHNSON

4717-4793

30-45-60-60

1st Open: Surface Building To 5"

1st Shut in: No Blow

2nd Open: Surface Building To 5"

2nd Shut In: No Blow

Recovery:

36' Oil Cut Mud (20% Oil, 80% Mud)

62' Oil Cut Mud (5% Oil, 95% Mud)

TOTAL FLUID 98'

IFP/FFP:29-44/53-66#

ISP/FSP:225/202#

Rec Chl: NA Sys Chl: 4,700 ppm 121 deg F