



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1084603
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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

1084603

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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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

June 15, 2012

Billy Schmidt
Culbreath Oil & Gas Company, Inc.
1532 S PEORIA AVE
TULSA, OK 74120-6202

Re: ACO1
API 15-179-21298-00-00
COBURN 2-8
NW/4 Sec.08-10S-26W
Sheridan 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,
Billy Schmidt



CONSOLIDATED
Oil Well Services, LLC

Charles Culbreath
918-740-8565
Chance Culbreath
918-906-7062

TICKET NUMBER 33946
LOCATION Oklahoma
FOREMAN Fuzzy

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

FIELD TICKET & TREATMENT REPORT
CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-18-12	2777	Coburn 2-8	8	105	26w	Shondar
CUSTOMER Culbreath O. L. Gas			QUANTITY			
MAILING ADDRESS 1532 S. Peoria Avenue			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Tulsa			458	Miles S		
STATE OKLA			460	Cory D		
ZIP CODE 74120			528	Cody R		

JOB TYPE 2-stage HOLE SIZE 7 1/8 HOLE DEPTH 4110' CASING SIZE & WEIGHT 5 1/2 15.5
CASING DEPTH 4091' DRILL PIPE _____ TUBING _____ OTHER DU @ 2231'
SLURRY WEIGHT 14.5-12.5 SLURRY VOL 1.42-1.89 WATER gal/sk _____ CEMENT LEFT in CASING 41 1/2
DISPLACEMENT 98.3 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Sa Body meeting on Maverick #108 cont 2,3,4,5,6,7,9,11,14
Baskets 10,12,45 DU Tool #45. Rig up and circ 1 hr. Pump 5 BBL water
500 gal mud flush 20 BBL RCL water. Mix 175 SKS OWC w/5* Kol-seal. Wash
pump and lines. Drop plug and displace 43 BBL water 52 BBL mud. Lift press
700* lift @ 1600* Drop DU bomb with 15 min open tool @ Circ 3 hrs.
Pump 2 BBL water, 500 gal mud flush, 2 BBL water. Mix 20 SKS MB, 30 SKS KH
Mix 42 SKS 60/40 & 3 gal 1/4" Flo-seal. Wash pump and lines. Drop plug and
displace 53 BBL water. 600* lift, close DU Tool @ 1500* Cement did
circulate approx 40 BBL to pit.

Thanks Fuzzy crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401P	1	PUMP CHARGE	2700 ⁰⁰	2700 ⁰⁰
5406	55	MILEAGE	5 ⁰⁰	675 ⁰⁰
5407A	28.7 ton	Ton mileage Delivery	1 ⁶⁷	1677 ⁵⁵
4314	28	5 1/2 - scratches (recip)	78 ⁰⁰	2184 ⁰⁰
1126	175 SKS	OWC	22 ⁵⁵	3946 ²⁵
1131	475 SKS	60/40 pos	15 ¹⁰	7172 ⁵⁰
1118B	3268#	Bentonite	.25	817 ⁰⁰
1110A	875#	Kol-seal	1.56	490 ⁰⁰
1107	119#	Flo-seal	2 ⁸²	335 ⁵⁸
1144G	1000 gal	Mud Flush	1 ⁰⁰	1000 ⁰⁰
1142A	2	RCL	39 ¹⁰	78 ²⁰
4159	1	5 1/2 - AFU Float shoe (w)	413 ⁰⁰	413 ⁰⁰
4454	1	5 1/2 - Latchdown Assy	303 ⁰⁰	303 ⁰⁰
4104	2	5 1/2 - Baskets (w)	276 ⁰⁰	552 ⁰⁰
4283	1	5 1/2 - DU Tool (w)	4700 ⁰⁰	4700 ⁰⁰
4130	9	5 1/2 - cent	58 ⁰⁰	522 ⁰⁰
		subtotal		27066 ⁰⁰
		less 10 ⁰⁰		2706 ⁰¹
		subtotal		24359 ⁴¹
		ESTIMATED TOTAL		26041.24

Ravin 3737

AUTHORIZATION [Signature] TITLE [Signature] DATE 249170

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.



DRILL STEM TEST REPORT

Prepared For: **Culbreath Oil & Gas Co Inc**

1532 S Peoria
Tulsa OK 94120

ATTN: Tim Priest

Coburn #2-8

8-10s-26w Sheridan

Start Date: 2012.04.14 @ 16:50:00
End Date: 2012.04.15 @ 02:30:00
Job Ticket #: 46054
DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT



Culbreath Oil & Gas Co Inc

8-10s-26w Sheridan
 Coburn #2-8
 Job Ticket: 46054
 DST#: 1
 Test Start: 2012.04.14 @ 16:50:00

1532 S Peoria
 Tulsa OK 94120
 ATTN: Tim Priest

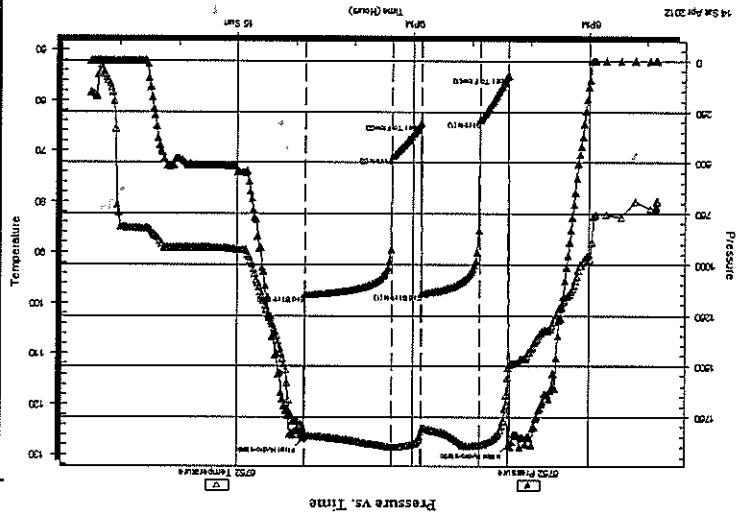
GENERAL INFORMATION:

Formation: LKC "B-D"
 Deviated: No
 Whipstock: 2621.00 ft (KB)
 Time Tool Opened: 19:22:00
 Time Test Ended: 02:30:00
 Interval: 3851.00 ft (KB) To 3883.00 ft (KB) (TVD)
 Total Depth: 3883.00 ft (KB) (TVD)
 Hole Diameter: 7.88 incheshole Condition: Fair
 Reference Elevations: 2621.00 ft (KB)
 2612.00 ft (CF)
 9.00 ft
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jim Svally
 Unit No: 61

Serial #: 6752
 Inside
 Press@RunDepth: 469.77 psig @ 3852.00 ft (KB)
 Start Date: 2012.04.14
 End Date: 2012.04.15
 Start Time: 16:50:05
 End Time: 02:30:00

Capacity: 8000.00 psig
 Last Calib.: 2012.04.15
 Time On Btm: 2012.04.14 @ 19:21:30
 Time Off Btm: 2012.04.14 @ 22:52:00

TEST COMMENT: 30-FIP- BOB in 2 min
 60-SIP- BOB in 20 min
 30-FIP- BOB in 1 min
 90-FSIP- BOB in 12 min



Annotation	Temp (deg F)	Pressure (psig)	Time (Min.)
Initial Hydro-static	112.32	1883.97	0
Open To Flow (1)	112.92	71.97	1
Shut-in(1)	128.06	292.52	30
End Shut-in(1)	124.77	1141.11	90
Open To Flow (2)	125.58	305.09	90
Shut-in(2)	128.54	469.77	120
End Shut-in(2)	126.18	1149.75	210
Final Hydro-static	125.30	1851.12	211

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
1158.00	CO 100%	16.24
0.00	1694 GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT



Culbreath Oil & Gas Co Inc

8-10s-26w Sheridan

1532 S Peoria

Coburn #2-8

Tulsa OK 94120

Job Ticket: 46054

ATTN: Tim Priest

Test Start: 2012.04.14 @ 16:50:00

DST#:1

GENERAL INFORMATION:

Formation: LKC "B-D"
 Deviated: No Whipstock: 2621.00 ft (KB)
 Time Tool Opened: 19:22:00
 Time Test Ended: 02:30:00
 Interval: 3851.00 ft (KB) To 3883.00 ft (KB) (TVD)
 Total Depth: 3883.00 ft (KB) (TVD)
 Hole Diameter: 7.88 incheshole Condition: Fair
 Reference Elevations: 2621.00 ft (KB)
 2612.00 ft (CF)
 9.00 ft
 KB to GR/CF:

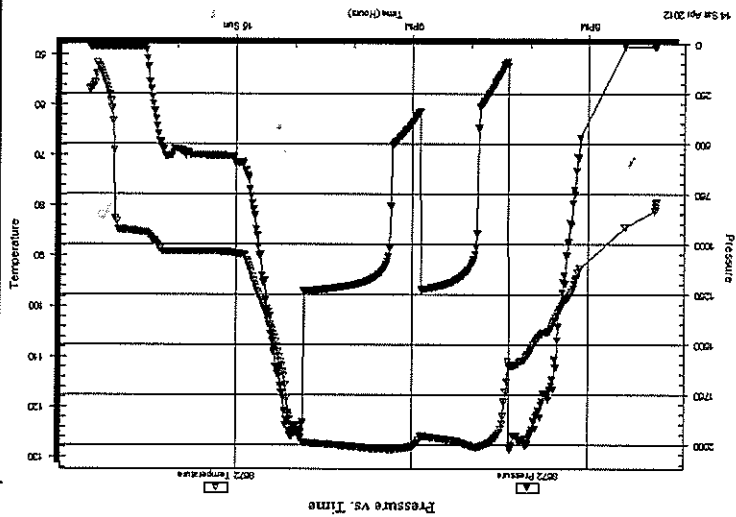
Serial #: 8672

Outside

Press@RunDepth: psig @ 3852.00 ft (KB)
 Start Date: 2012.04.14
 End Date: 2012.04.15
 Start Time: 16:50:50
 End Time: 02:30:15

Capacity: 8000.00 psig
 Last Calib.: 2012.04.15
 Time On Btm: 2012.04.15
 Time Off Btm:

TEST COMMENT: 30-I-FP- BOB in 2 min
 60-I-FP- BOB in 20 min
 30-F-FP- BOB in 1 min
 90-F-SIP- BOB in 12 min



Recovery

Length (ft)	Description	Volume (bbl)
1158.00	CO 100%	16.24
0.00	1694 GIP	0.00

Gas Rates

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

PRESSURE SUMMARY

Time (Min.)
 Pressure (psig)
 Temp (deg F)
 Annotation

TOOL DIAGRAM

DRILL STEM TEST REPORT



Culbreath Oil & Gas Co Inc

8-10s-26w Sheridan

1532 S Peoria
Tulsa OK 94120

Coburn #2-8

ATTN: Tim Priest

Job Ticket: 46054

DST#: 1

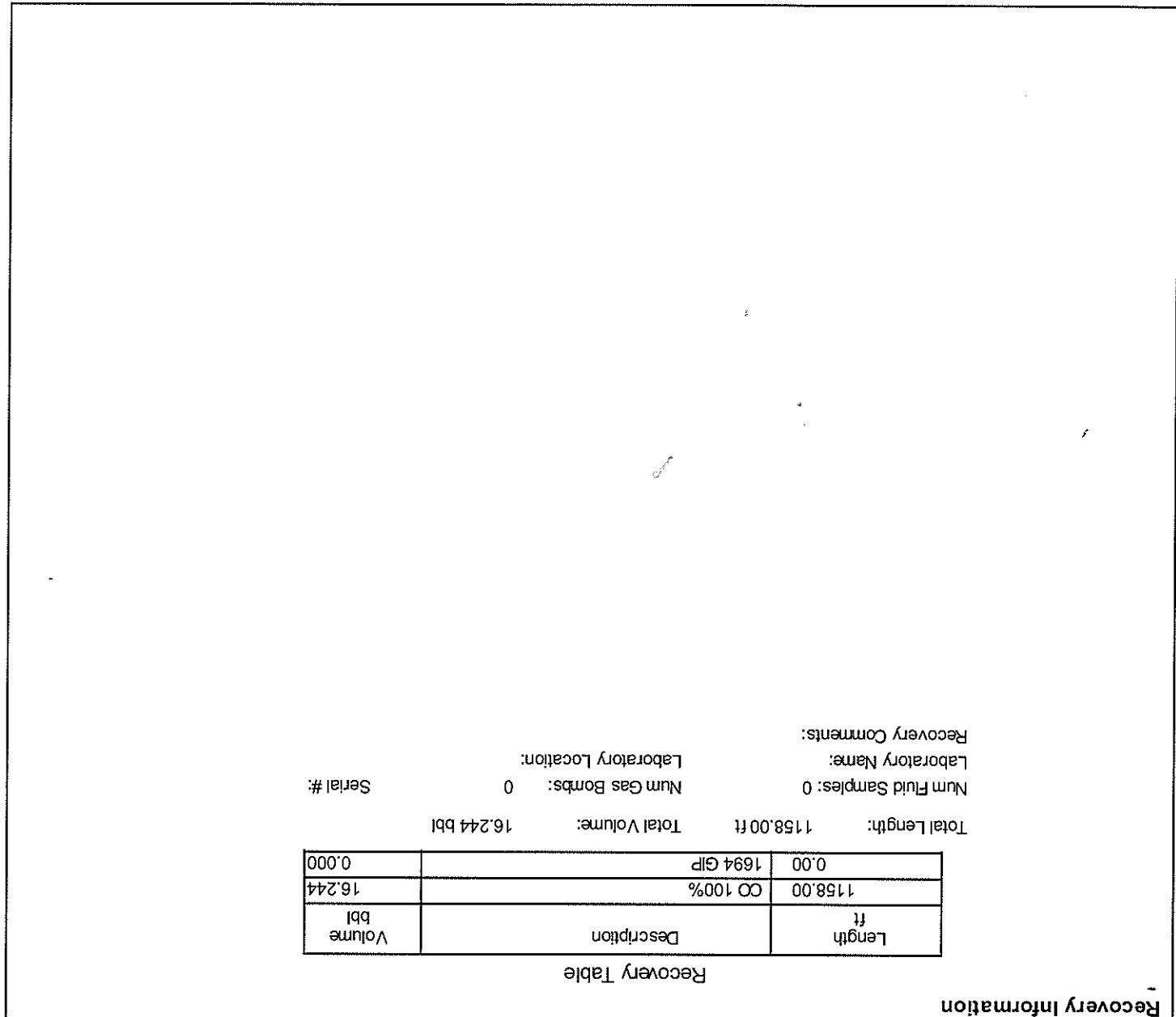
Test Start: 2012.04.14 @ 16:50:00

Tool Information

Drill Pipe: Length: 3836.00 ft Diameter: 3.80 inches Volume: 53.81 bbl
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 2.75 inches Volume: 0.00 bbl
 Drill Collar: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl
 Total Volume: 53.81 bbl
 Tool Chased 0.00 ft
 String Weight: Initial 56000.00 lb Final 62000.00 lb
 Weight set on Packer: 25000.00 lb
 Weight to Pull Looser: 64000.00 lb
 Drill Pipe Above KB: 5.00 ft
 Depth to Top Packer: 3851.00 ft
 Depth to Bottom Packer: ft
 Interval betw een Packers: 32.00 ft
 Tool Length: 52.00 ft
 Number of Packers: 2 Diameter: 6.75 inches
 Tool Comments:

Tool Description Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Shut In Tool	5.00			3836.00	
Hydraulic tool	5.00			3841.00	
Packer	5.00			3846.00	20.00
Packer	5.00			3851.00	
Stubb	1.00			3852.00	
Recorder	0.00	6752	Inside	3852.00	
Recorder	0.00	8672	Outside	3852.00	
Perforations	28.00			3880.00	
Bullnose	3.00			3883.00	32.00
Total Tool Length:					52.00
Bottom Of Top Packer					
Bottom Packers & Anchor					



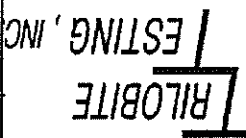
Recovery Information

Length ft	Description	Volume bbl
1158.00	CO 100%	16,244
0.00	1694 GIP	0.000
Total Length: 1158.00 ft		Total Volume: 16,244 bbl
Num Fluid Samples: 0		Num Gas Bombs: 0
Laboratory Name:		Laboratory Location:
Recovery Comments:		Serial #:

Recovery Table

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:
Mud Weight: 9.00 lb/gal	Cushion Length:	ft
Viscosity: 50.00 sec/qt	Cushion Volume:	bbl
Water Loss: 7.14 in ³	Gas Cushion Type:	psig
Resistivity: ohm.m	Gas Cushion Pressure:	
Salinity: 1700.00 ppm		
Filter Cake: inches		



DRILL STEM TEST REPORT

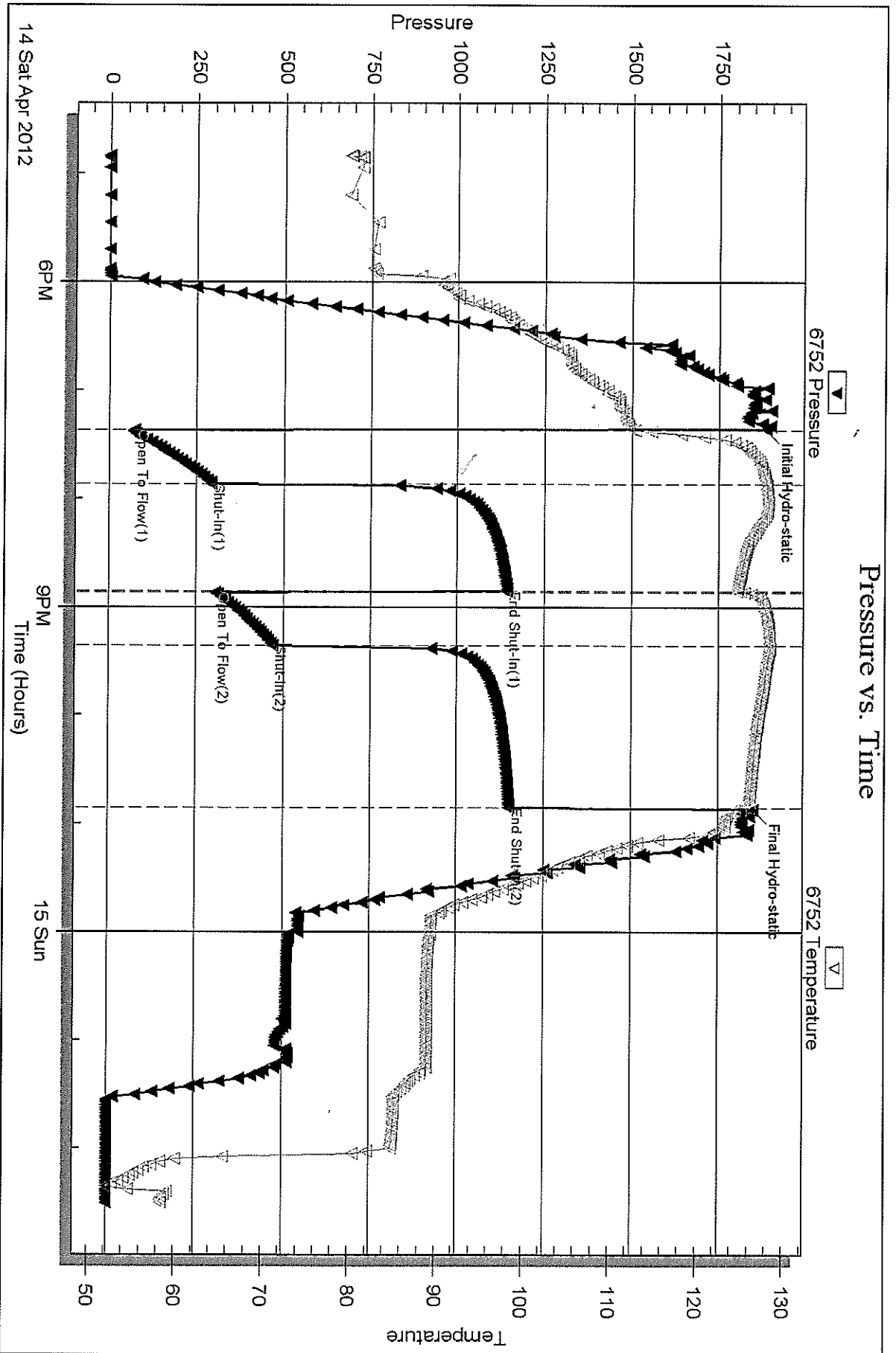
FLUID SUMMARY

Culbreath Oil & Gas Co Inc
 1532 S Peoria
 Tulsa OK 94120

8-10s-26w Sheridan
 Coburn #2-8
 Job Ticket: 46054
 DST#: 1

ATTN: Tim Priest
 Test Start: 2012.04.14 @ 16:50:00

Pressure vs. Time

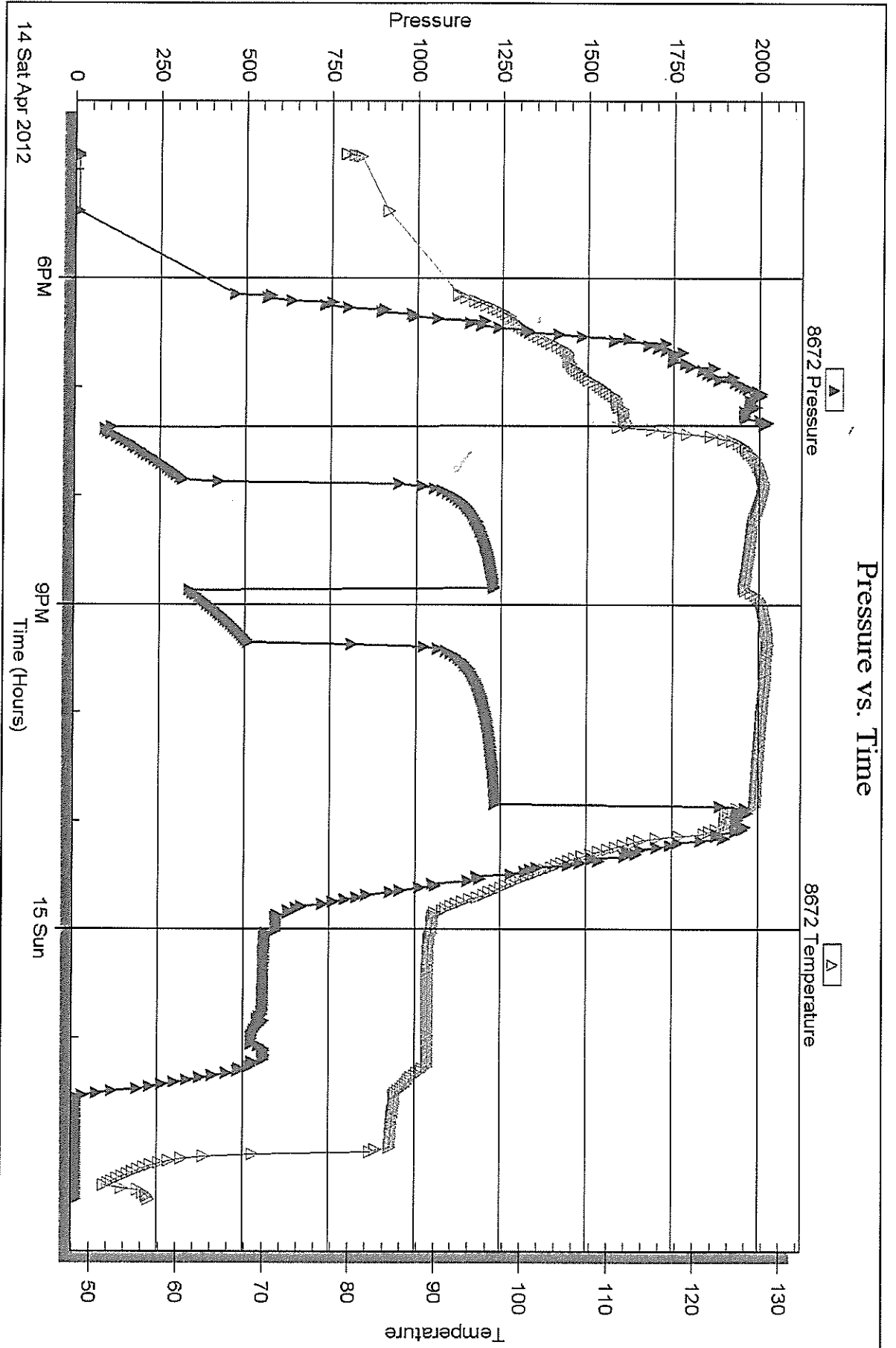


Serial #: 8672

Outside Culbreath Oil & Gas Co Inc

Coburn #2-8

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Culbreath Oil & Gas Co Inc**

1532 S Peoria
Tulsa OK 94120

ATTN: Tim Priest

Coburn #2-8

8-10s-26w Sheridan

Start Date: 2012.04.15 @ 09:52:00

End Date: 2012.04.15 @ 17:17:00

Job Ticket #: 46055
DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT



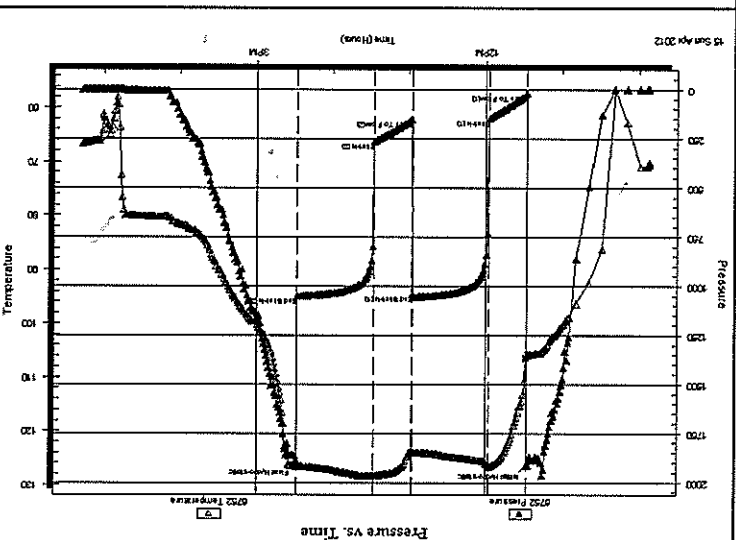
8-10s-26w Sheridan
 1532 S Peoria
 Tulsa OK 94120
 Oulbreath Oil & Gas Co Inc
Coburn #2-8
 Job Ticket: 46055
 DST#:2
 ATTN: Tim Priest
 Test Start: 2012.04.15 @ 09:52:00

GENERAL INFORMATION:
 Formation: LKC "E-F"
 Deviated: No Whipstock: 2621.00 ft (KB)
 Time Tool Opened: 11:28:00
 Time Test Ended: 17:17:00
 Interval: 3886.00 ft (KB) To 3918.00 ft (KB) (TVD)
 Total Depth: 3918.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 Reference Elevations: 2621.00 ft (KB)
 2612.00 ft (CF)
 9.00 ft
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 61

Serial #: 6752
 Inside
 Press@RunDepth: 263.88 psig @ 3887.00 ft (KB)
 Start Date: 2012.04.15
 End Date: 2012.04.15
 Capacity: 8000.00 psig
 Last Calib.: 2012.04.15
 Time On Btm: 17:16:59
 Time Off Btm: 2012.04.15 @ 14:28:30
TEST COMMENT:
 30-FFP- BOB in 10 min
 60-ISIP- No Blow
 30-FFP- BOB in 12 min
 60-FSIP- No Blow

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1911.49	106.05	Initial Hydro-static
1	20.47	105.58	Open To Flow (1)
30	147.24	126.62	Shut-in(1)
90	1043.18	123.94	End Shut-in(1)
91	153.05	123.86	Open To Flow (2)
120	263.88	128.33	Shut-in(2)
181	1052.10	126.49	End Shut-in(2)
181	1889.28	126.62	Final Hydro-static



Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcfd)

Recovery

Length (ft)	Description	Volume (bbl)
107.00	O&MCW 10%o 40% m 50%w	1.50
496.00	Oil Speck MW 15% m 85%w	6.96

* Recovery from multiple tests

DRILL STEM TEST REPORT



Oilbreath Oil & Gas Co Inc

8-10s-26w Sheridan
 Coburn #2-8
 Job Ticket: 46055
 DST#: 2
 1532 S Peoria
 Tulsa OK 94120
 ATTN: Tim Priest
 Test Start: 2012.04.15 @ 09:52:00

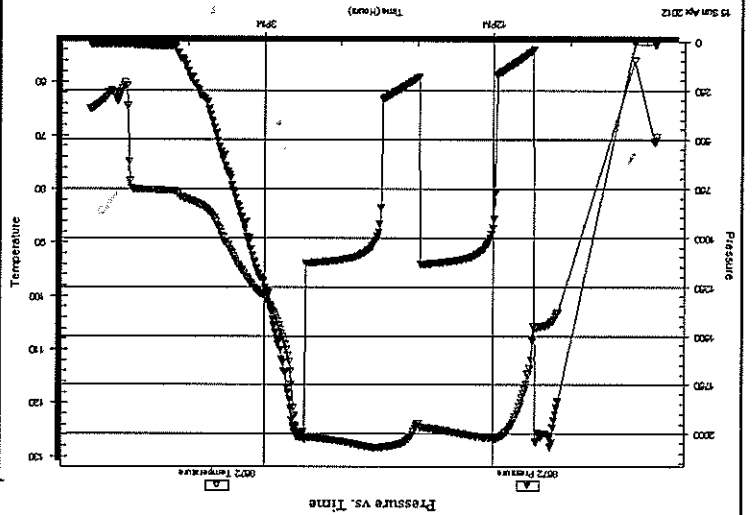
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 Reference Elevations: 2621.00 ft (KB)
 2612.00 ft (CF)
 9.00 ft
 KB to GR/CF:

Serial #: 8672
 Outside
 Press@RunDepth: 3887.00 ft (KB) @
 Start Date: 2012.04.15
 End Date: 2012.04.15
 Start Time: 09:52:35
 End Time: 17:17:14

TEST COMMENT: 30-FFP- BOB in 10 min
 60-ISIP- No Blow
 30-FFP- BOB in 12 min
 60-FSIP- No Blow

Capacity: 8000.00 psig
 Last Calib.: 2012.04.15
 Time On Btm: 17:17:14
 Time Off Btm:



Recovery

Length (ft)	Description	Volume (bbl)
107.00	O&MCW 10%o 40% m 50%w	1.50
496.00	Oil Speck MW 15% m 85%w	6.96

Recovery from multiple tests

Gas Rates

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

PRESSURE SUMMARY

Time (Min.)
 Pressure (psig)
 Temp (deg F)
 Annotation

Triobite Testing, Inc

Ref. No: 46055

Printed: 2012.04.19 @ 13:48:46



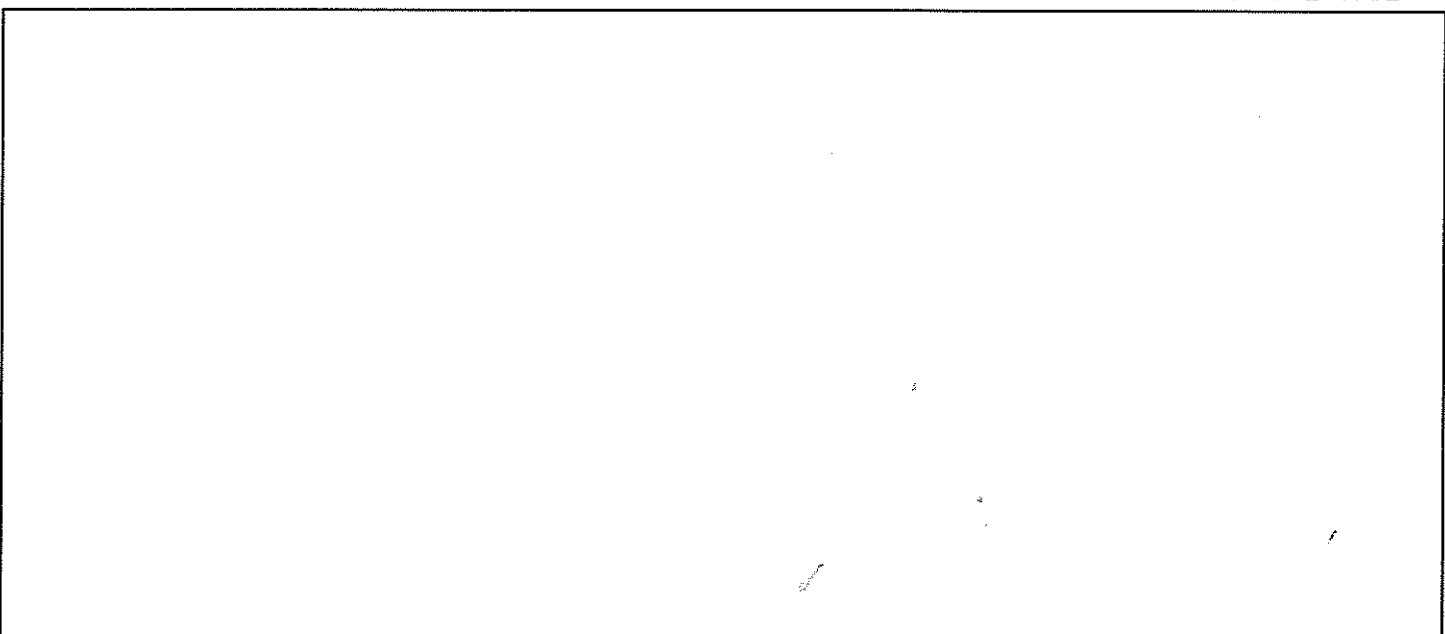
DRILL STEM TEST REPORT

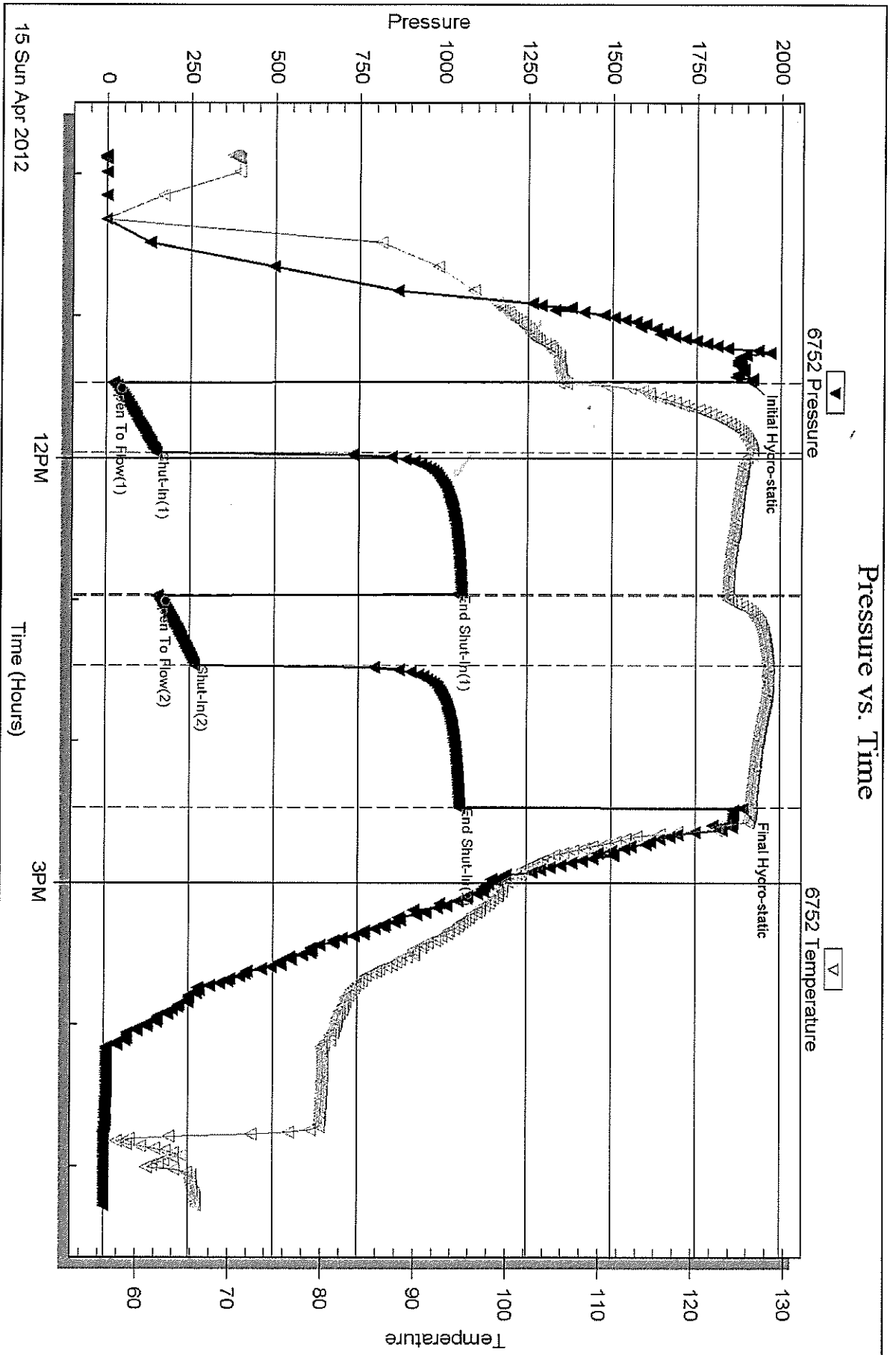
8-10s-26w Sheridan
 Coburn #2-8
 Job Ticket: 46055
 DST#: 2
 CULBREATH OIL & GAS CO INC
 1532 S Peoria
 Tulsa OK 94120
 ATTN: Tim Priest
 Test Start: 2012.04.15 @ 09:52:00

Tool Information

Drill Pipe:	Length: 3897.00 ft	Diameter: 3.80 inches	Volume: 54.66 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 2500.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 64000.00 lb
Drill Pipe Above KB:		Total Volume: 54.66 bbl		Tool Chased 0.00 ft
Depth to Top Packer:		31.00 ft		String Weight: Initial 58000.00 lb
Depth to Bottom Packer:		3886.00 ft		Final 60000.00 lb
Interval betw een Packers:		32.00 ft		
Tool Length:		52.00 ft		
Number of Packers:		2		
Diameter:		6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3871.00	
Hydraulic tool	5.00			3876.00	
Packer	5.00			3881.00	20.00
Packer	5.00			3886.00	
Stub	1.00			3887.00	
Recorder	0.00	6752	Inside	3887.00	
Recorder	0.00	8672	Outside	3887.00	
Perforations	28.00			3915.00	
Bullnose	3.00			3918.00	32.00
Total Tool Length:					52.00





FLUID SUMMARY

DRILL STEM TEST REPORT



8-10s-26w Sheridan
Coburn #2-8
 Job Ticket: 46055 DST#: 2
 ATTN: Tim Priest
 1532 S Peoria
 Tulsa OK 94120
 Oulbreath Oil & Gas Co Inc
 Test Start: 2012.04.15 @ 09:52:00

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 50.00 sec/qt
 Water Loss: 7.16 in³
 Resistivity: ohm.m
 Salinity: 1700.00 ppm
 Filter Cake: inches
 Cushion Type:
 Cushion Length: ft
 Cushion Volume: bbl
 Gas Cushion Type:
 Gas Cushion Pressure: psig
 Oil API: deg API
 Water Salinity: 80000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
107.00	O&MCW 10%o 40%m 50%w	1.501
496.00	Oil Speck MW 15% m 85%w	6.958

Total Length: 603.00 ft Total Volume: 8.459 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

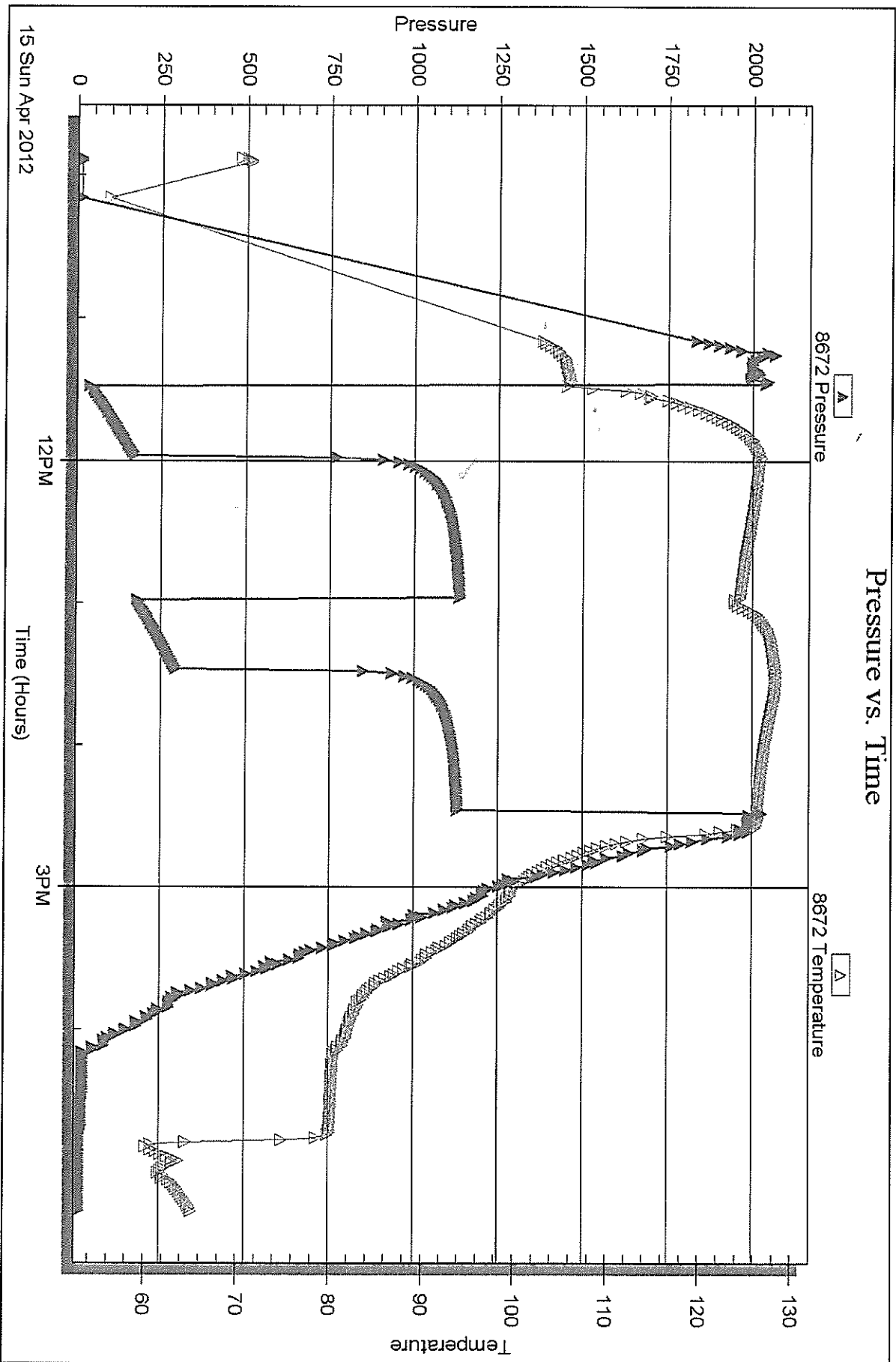
Recovery Comments: RW 0.11 @ 58f

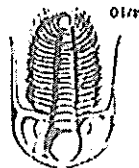
Serial #: 8672

Outside Culbreath Oil & Gas Co Inc

Coburn #2-8

DST Test Number: 2





RILOBITE TESTING INC.
P.O. Box 1733 • Hays, Kansas 67601

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APR 1 9 2012

Test Ticket NO. 46055

Well Name & No.	Coburn 2-8		
Company	Culpeath Oil & Gas Co. LP		
Address	1532 S. Peoria Tulsa OK 74120		
Co. Rep / Geo.	T. Priest		
Location: Sec.	8	Typ.	103
Location: Rge.	26 W		
Location: Co.	Sheridan		
Location: State	KS		
Test No.	2	Elevation	2621
Date	4-15-12		
KB	2612		

Interval Tested	3886-3918	Zone Tested	LRC "E-F"
Anchor Length	32	Drill Pipe Run	3897
Top Packer Depth	3881	Drill Collars Run	50
Bottom Packer Depth	3886	WL Pipe Run	7.2
Total Depth	3918	Chlorides ppm System	1700
Blow Description	IFP - BOB 10 min ISIP - No Blow FFP - BOB 12 min FFIP - NO Blow		

Rec	107	Feet of	0 + MCW	%gas	10	%oil	50	%water	40
Rec	496	Feet of	0.15 speck MW	%gas		%oil	85	%water	15
Rec	603	Feet of		%gas		%oil		%water	

Rac Total	BHT 136	Gravity	1150
(A) Initial Hydrostatic	1911	Test	1150
(B) First Initial Flow	20	Jars	
(C) First Final Flow	147	Safety Joint	
(D) Initial Shut-In	1043	Circ Sub	
(E) Second Initial Flow	153	Hourly Standby	
(F) Second Final Flow	263	Mileage	18755
(G) Final Shut-In	1052	Sampler	
(H) Final Hydrostatic	1889	Straddle	
Initial Open	30	Shale Packer	250
Initial Shut-In	60	Extra Packer	
Final Flow	30	Extra Recorder	
Final Shut-In	60	Day Standby	
Sub Total	1587.50	MP/DST Disc1	
Total	1587.50	Sub Total	0

T-On Location 09:50
 T-Started 09:52
 T-Open 11:38 (128)
 T-Pulled 14:38 (1428)
 T-Out 17:17

Comments

Approved By _____
 Our Representative _____
 Rilobite Testing Inc. shall not be liable for damaged or lost property or personnel of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



DRILL STEM TEST REPORT

Prepared For: **Culbreath Oil & Gas Co Inc**

1532 S Peoria
Tulsa OK 94120

ATTN: Tim Prest

Coburn #2-8

8-10s-26w Sheridan

Start Date: 2012.04.16 @ 05:14:00
End Date: 2012.04.16 @ 11:20:00
Job Ticket #: 46056
DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT



Culbreath Oil & Gas Co Inc

8-10s-26w Sheridan

1532 S Peoria
Tulsa OK 94120

Coburn #2-8

ATTN: Tim Priest

Test Start: 2012.04.16 @ 05:14:00

Job Ticket: 46056

DST#:3

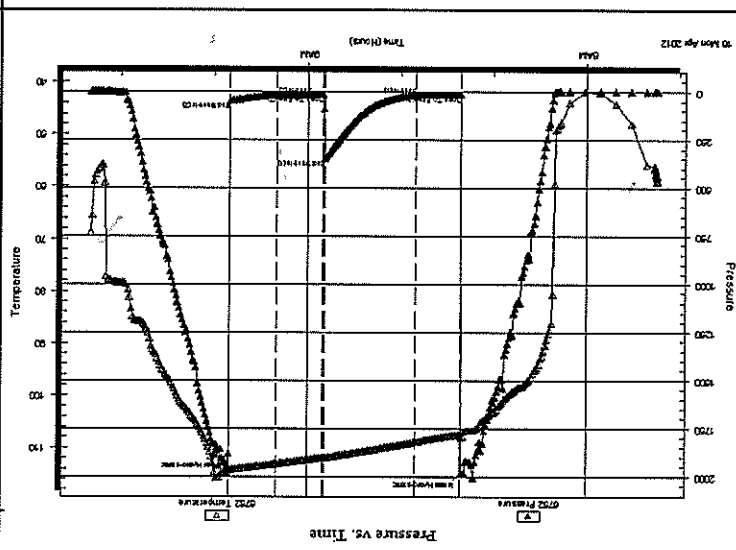
GENERAL INFORMATION:

Formation: LKC "1 & J"
 Deviated: No Whipstock: 2621.00 ft (KB)
 Time Tool Opened: 07:21:00
 Time Test Ended: 11:20:00
 Interval: 3976.00 ft (KB) To 4020.00 ft (KB) (TVD)
 Total Depth: 4020.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 Reference Elevations: 2621.00 ft (KB)
 2612.00 ft (CF)
 9.00 ft
 KB to GR/CF:

Serial #: 6752
 Inside
 Press@RunDepth: 17.84 psig @ 3977.00 ft (KB)
 Start Date: 2012.04.16
 End Date: 2012.04.16
 Capacity: 8000.00 psig
 Last Calib.:
 Time On Btm: 2012.04.16 @ 07:20:30
 Time Off Btm: 2012.04.16 @ 09:50:30
 TEST COMMENT: 30-FRP- 1/2" Blow
 60-ISFP- No Blow
 30-FRP- No Blow
 30-FSFP- No Blow

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1981.13	108.07	Initial Hydro-static
1	16.15	107.75	Open To Flow (1)
30	16.98	108.92	Shut-in(1)
89	348.78	111.98	End Shut-in(1)
90	17.62	111.94	Open To Flow (2)
120	17.84	113.13	Shut-in(2)
150	47.79	114.23	End Shut-in(2)
150	1882.56	114.72	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
1.00	MUD	0.01

Gas Rate (Mcfd)	Pressure (psig)	Choke (inches)

Gas Rates

Triobite Testing, Inc

Ref. No: 46056

Printed: 2012.04.19 @ 13:47:23

TOOL DIAGRAM

DRILL STEM TEST REPORT



Culbreath Oil & Gas Co Inc

8-10s-26w Sheridan

1532 S Peoria
Tulsa OK 94120

Coburn #2-8

ATTN: Tim Priest

Test Start: 2012.04.16 @ 05:14:00

Job Ticket: 46056

DST#: 3

Tool Information

Drill Pipe: Length: 3961.00 ft Diameter: 3.80 inches Volume: 55.56 bbl Tool Weight: 2500.00 lb
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 2.75 inches Volume: 0.00 bbl Weight set on Packer: 25000.00 lb
 Drill Collar: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl Weight to Pull Looser: 62000.00 lb
 Tool Chased 0.00 ft
 Drill Pipe Above KB: 5.00 ft
 Depth to Top Packer: 3976.00 ft
 Depth to Bottom Packer: ft
 Interval betw een Packers: 44.00 ft
 Tool Length: 64.00 ft
 Number of Packers: 2 Diameter: 6.75 inches
 Tool Comments:

Tool Description Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Shut In Tool	5.00			3961.00	
Hydraulic tool	5.00			3966.00	
Packer	5.00			3971.00	20.00
Bottom Of Top Packer					
Packer	5.00			3976.00	
Stubb	1.00			3977.00	
Recorder	0.00	6752	Inside	3977.00	
Recorder	0.00	8651	Outside	3977.00	
Perforations	8.00			3985.00	
Change Over Sub	1.00			3986.00	
Blank Spacing	30.00			4016.00	
Change Over Sub	1.00			4017.00	
Bullnose	3.00			4020.00	44.00
Bottom Packers & Anchor					
Total Tool Length:	64.00				

Recovery Information

Length ft	Description	Volume bbl
1.00	MUD	0.014
Total Length:		1.00 ft
Total Volume:		0.014 bbl

Num Fluid Samples: 0
 Num Gas Bombs: 0
 Laboratory Name:
 Laboratory Location:
 Recovery Comments:
 Serial #:

Recovery Table

Mud and Cushion Information

Mud Type:	Gel Chem
Mud Weight:	9.00 lb/gal
Viscosity:	50.00 sec/qt
Water Loss:	7.18 in ³
Resistivity:	ohm.m
Salinity:	2400.00 ppm
Filter Cake:	inches
Cushion Type:	
Cushion Length:	ft
Cushion Volume:	bbl
Gas Cushion Type:	
Gas Cushion Pressure:	psig
Oil API:	
Water Salinity:	ppm
deg API	



DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath Oil & Gas Co Inc
 8-10s-26w Sheridan
 Coburn #2-8
 Job Ticket: 46056
 DST#:3
 ATTN: Tim Priest
 Test Start: 2012.04.16 @ 05:14:00
 1532 S Peoria
 Tulsa OK 94120

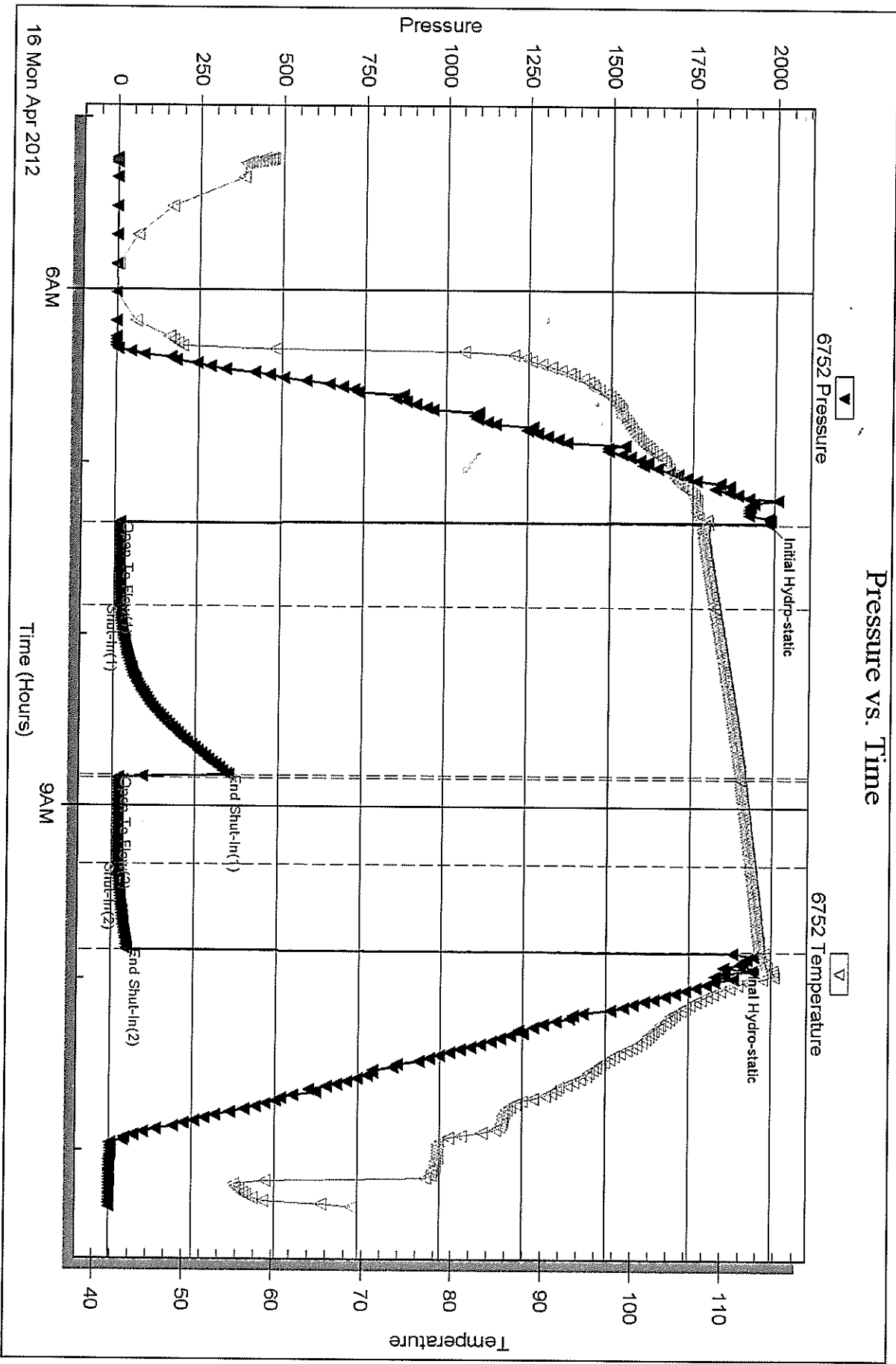
Serial #: 6752

Inside Oilbreath Oil & Gas Co Inc

Coburn #2-8

DST Test Number: 3

Pressure vs. Time

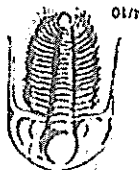


16 Mon Apr 2012

Trilobite Testing, Inc

Ref. No: 46056

Printed: 2012.04.19 @ 13:47:24



TRIOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED APR 17 2012

Test Ticket NO. 46056

Well Name & No.	Coburn 2-8		
Company	Calbreath Oilfields Co Inc		
Address	1532 Peoria Twp, Piest		
Co. Rep / Geo.	Tdm Piest		
Location: Sec.	8	Twp.	10 S
Location: Rge.	26 W		
Location: Co.	Sheridan		
Location: State	KS		
Test No.	3	Elevation	2621
Date	4-16-12		

Interval Tested	Anchor Length	Top Packer Depth	Bottom Packer Depth	Total Depth	Blow Description
3976 - 4020	44	3971	3976	4020	IFP - 1/2 in Blow
					FSIP - No Blow
					GFIP - No Blow
					FSIP - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
1					100% mud

Rec Total	BHT	Gravly	API RM	F Chlorides	T-On Location	T-Started	T-Open	T-Pulled	T-Off	Comments
1	114	1981	1250	04.44	05:14	07:20	09:50	11:20		

Rec	Feet of	%gas	%oil	%water	%mud
1					100% mud

Approved By _____
 Our Representative _____
 Triplicate Testing Inc. shall not be liable for damaged or destroyed equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



DRILL STEM TEST REPORT

Prepared For: **Culbreath Oil & Gas Co Inc**

1532 S Peoria
Tulsa OK 94120

ATTN: Tim Priest

Coburn #2-8

8-10s-26w Sheridan

Start Date: 2012.04.16 @ 18:05:00
End Date: 2012.04.17 @ 01:52:00
Job Ticket #: 46057
DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT



Culbreath Oil & Gas Co Inc
 1532 S Peoria
 Tulsa OK 94120
 ATTN: Tim Priest

8-10s-26w Sheridan
Coburn #2-8
 Job Ticket: 46057
 DST#: 4
 Test Start: 2012.04.16 @ 18:05:00

GENERAL INFORMATION:

Formation: LKC "K"
 Deviated: No Whipstock: 2621.00 ft (KB)
 Time Tool Opened: 20:01:00
 Time Test Ended: 01:52:00
 Interval: 4020.00 ft (KB) To 4039.00 ft (KB) (TVD)
 Total Depth: 4039.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 Reference Elevations: 2621.00 ft (KB)
 2612.00 ft (CF)
 9.00 ft
 KB to GR/CF:

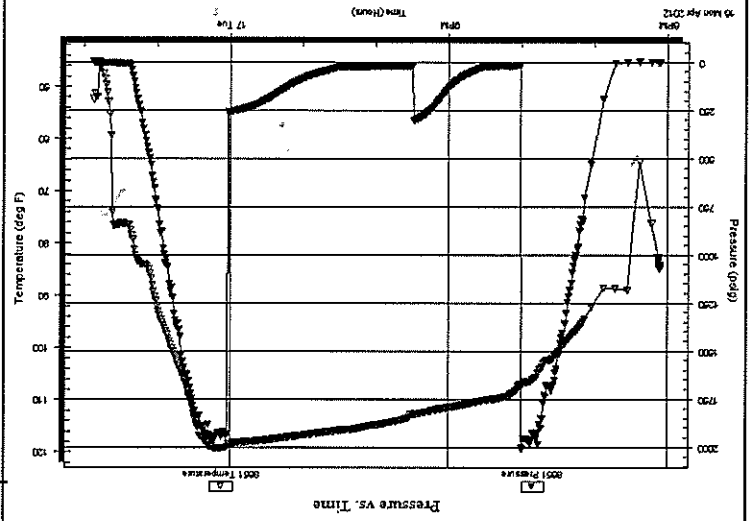
Serial #: 8651

Outside
 Press@RunDepth: 4021.00 ft (KB)
 Start Date: 2012.04.16
 Start Time: 18:05:35
 Capacity: 8000.00 psig
 Last Calib.: 2012.04.17
 Time On Btm: 01:51:59
 Time Off Btm: 2012.04.17

TEST COMMENT:

30-ISIP, 3" Blow
 60-ISIP, No Blow
 60-FFP, 3 1/2" Blow
 90-FSIP, No Blow

PRESSURE SUMMARY



Recovery

Length (ft)	Description	Volume (bbl)
25.00	OCM 25% @ 75% m	0.35

* Recovery from multiple tests

Gas Rates

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

TOOL DIAGRAM

DRILL STEM TEST REPORT



Culbreath Oil & Gas Co Inc

8-10s-26w Sheridan

1532 S Peoria

Coburn #2-8

Tulsa OK 94120

Job Ticket: 46057

ATTN: Tim Priest

Test Start: 2012.04.16 @ 18:05:00

DST#:4

Tool Information

Drill Pipe: Length: 4023.00 ft Diameter: 3.80 inches Volume: 56.43 bbl Tool Weight: 2500.00 lb
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 2.75 inches Volume: 0.00 bbl Weight set on Packer: 25000.00 lb
 Drill Collar: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl Weight to Pull Loose: 95000.00 lb
 Drill Pipe Above KB: 23.00 ft Total Volume: 56.43 bbl Tool Chased 0.00 ft
 Depth to Top Packer: 4020.00 ft String Weight: Initial 60000.00 lb Final 61000.00 lb
 Depth to Bottom Packer: ft
 Interval betw een Packers: 19.00 ft
 Tool Length: 39.00 ft
 Number of Packers: 2 Diameter: 6.75 inches
 Tool Comments:

Tool Description Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4005.00	
Hydraulic tool	5.00			4010.00	
Packer	5.00			4015.00	20.00
Bottom Of Top Packer					
Packer	5.00			4020.00	
Stub	1.00			4021.00	
Recorder	0.00	6752	Inside	4021.00	
Recorder	0.00	8651	Outside	4021.00	
Perforations	15.00			4036.00	
Bullnose	3.00			4039.00	19.00
Total Tool Length:	39.00				

Serial #: 6752

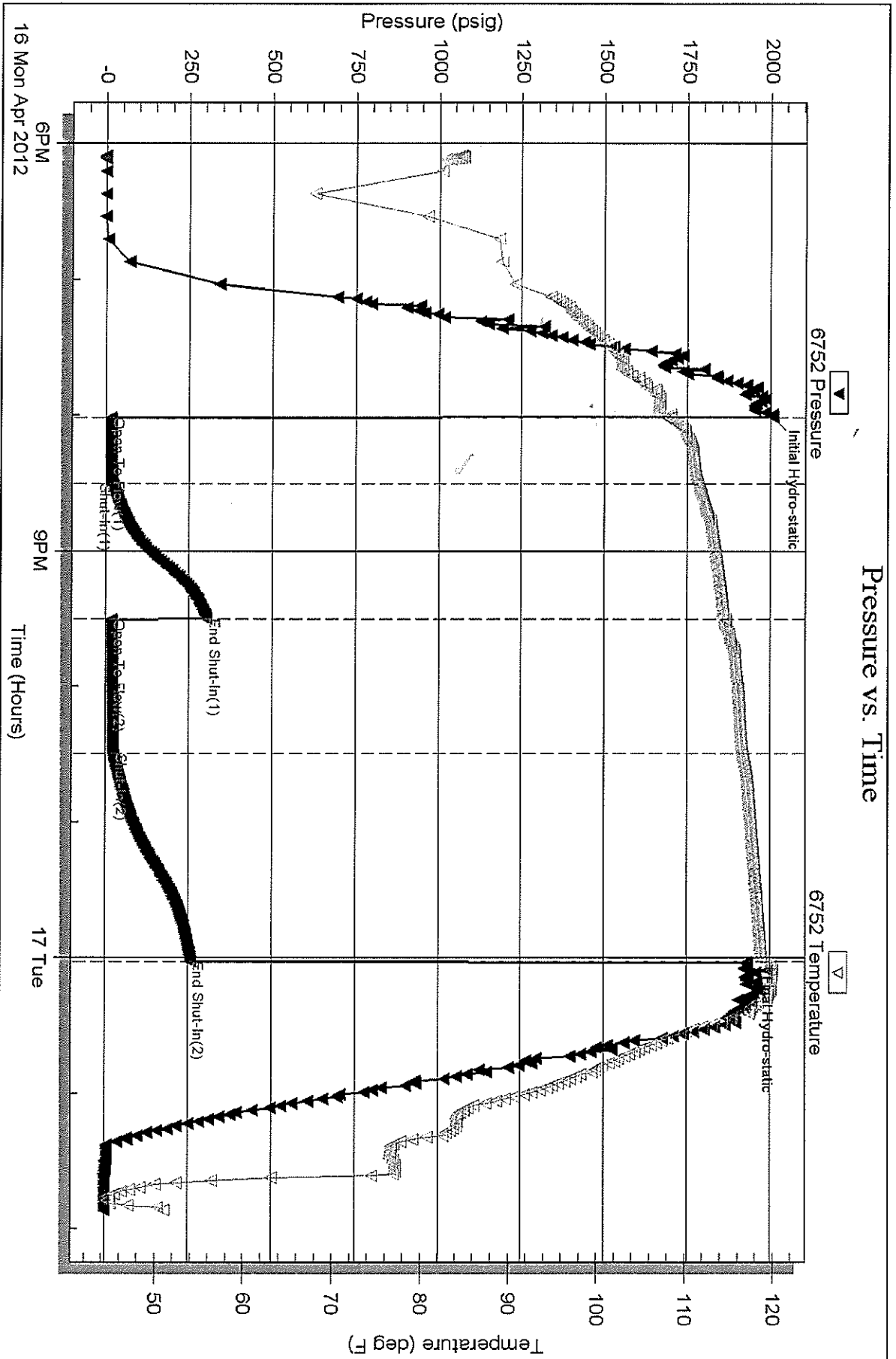
Inside

Culbreath Oil & Gas Co Inc

Coburn #2-8

DST Test Number: 4

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 46057

Printed: 2012.04.19 @ 13:45:59

DRILL STEM TEST REPORT

8-10s-26w Sheridan
 Culbreath Oil & Gas Co Inc
Coburn #2-8
 1532 S Peoria
 Tulsa OK 94120
 Job Ticket: 46057
 DST#: 4
 ATTN: Tim Priest
 Test Start: 2012.04.16 @ 18:05:00



Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 55.00 sec/qt
 Water Loss: 7.18 in³
 Resistivity: ohm.m
 Salinity: 3200.00 ppm
 Filter Cake: inches
 Cushion Type: Oil API
 Cushion Length: ft
 Water Salinity: ppm
 Cushion Volume: bbl
 Gas Cushion Type: Gas Cushion Pressure: psig

Recovery Information

Recovery Table

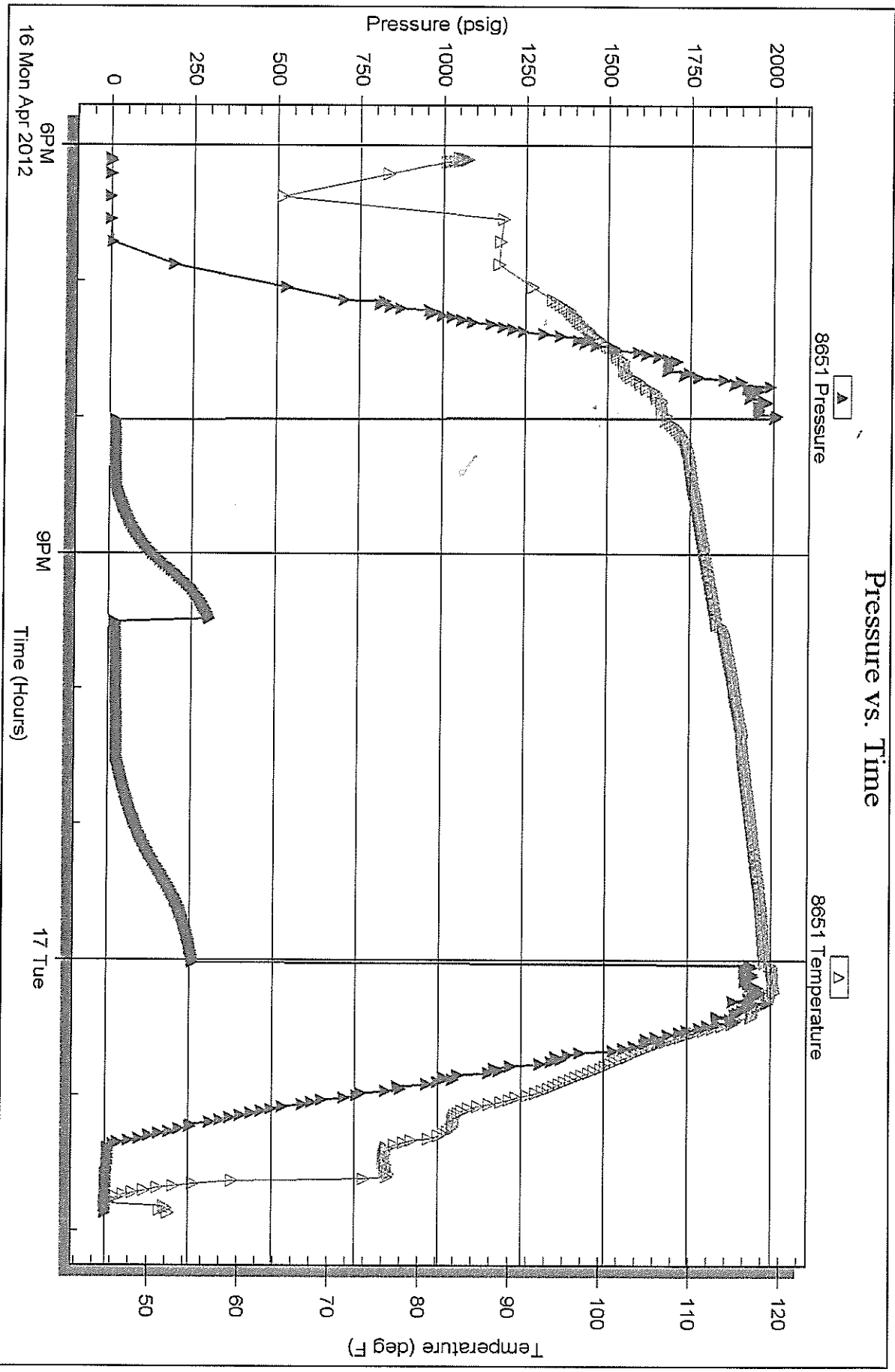
Length ft	Description	Volume bbl
25.00	OCM 25% 0.75% m	0.351
Total Length: 25.00 ft		Total Volume: 0.351 bbl
Num Fluid Samples: 0		Num Gas Bombs: 0
Laboratory Name:		Laboratory Location:
Recovery Comments: 310 GIP		Serial #:

Serial #: 8651

Outside Cullbreath Oil & Gas Co Inc

Coburn #2-8

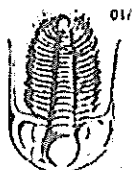
DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 46057

Printed: 2012.04.19 @ 13:45:59



TRIOBRITE TESTING INC.
P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 17 2012

Test Ticket
NO. 46057

Well Name & No.	Coburn 2-8		
Company	Culbertson Oil & Gas Co. Inc. OK 94120		
Address	1532 Peoria Tulsa OK 94120		
Co. Rep / Geo.	Tim Priest		
Location: Sec.	Twp.	Rge.	Co.
8	10	26	Sheridan
Rig	108		
Test No.	4		
Date	4-16-12		

Interval Tested	Zone Tested	Mud Wt.	Vis	WL	Chlorides ppm System
4020 - 4039	4KC "K"	91	55	7.2	3200
19	4023	91	55	7.2	3200
4015	4023	91	55	7.2	3200
4020	4023	91	55	7.2	3200
4039	4023	91	55	7.2	3200

Blow Description
 IFP - 3 1/2 Blow
 ISIP - No Blow
 IFP - 3 1/2 Blow
 ISIP - No Blow
 IFP - No Blow
 ISIP - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
Rec	25	75			
Rec	310				
Rec	310				
Rec	310				
Rec	310				

Rec Total	BHT	Gravity	API RW	F Chlorides ppm
2005	118	1.50	1.50	17.46
(A) Initial Hydrostatic	15			18.105
(B) First Initial Flow	19			20.100
(C) First Final Flow	303			00.101
(D) Initial Shut-in	16			01.52
(E) Second Initial Flow	23			
(F) Second Final Flow	256			
(G) Final Shut-in	1928			
(H) Final Hydrostatic				

Initial Open	Initial Shut-in	Final Flow	Final Shut-in
30	60	60	90
118	118	118	118

Approved By _____
 Our Representative _____
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