

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1184310

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

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: _____

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

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 <i>(Attach Additional Sheets)</i>	☐ Yes	☐ No	☐ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes	☐ No	Name	Top	Datum
Cores Taken	☐ Yes	☐ No			
Electric Log Run	☐ Yes	☐ No			
List All E. Logs Run:					

CASING RECORD ☐ New ☐ 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				

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 (Amount and Kind of Material Used)		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

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>		METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5)</i> ☐ Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	O'Brien Resources, LLC
Well Name	Peck 1 1
Doc ID	1184310

All Electric Logs Run

Composite
Density-Neutron-Micro
Induction
Neutron-Sonic-Micro
Sonic

Form	ACO1 - Well Completion
Operator	O'Brien Resources, LLC
Well Name	Peck 1 1
Doc ID	1184310

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	20	272	Class A	200	3%CC + 2%Gel

ALLIED OIL & GAS SERVICES, LLC 061836

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Crestview, TX

DATE <i>1-4-14</i>	SEC. <i>1</i>	TWP. <i>14S</i>	RANGE <i>29W</i>	CALLED OUT	ON LOCATION	JOB START <i>9:50 AM</i>	JOB FINISH <i>10:00 AM</i>
LEASE <i>Rock</i>	WELL# <i>1</i>	LOCATION <i>Pigman 2K 1w Sinto</i>			COUNTY <i>Lone</i>	STATE <i>TX</i>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR *Marcel Drilling #103*

TYPE OF JOB *Grout*

HOLE SIZE *12 1/4* T.D.

CASING SIZE *5 1/8* DEPTH *273*

TUBING SIZE DEPTH

DRILL PIPE *4 1/2* DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15 ft*

PERFS.

DISPLACEMENT *16.43 bbls Freshwater*

EQUIPMENT

PUMP TRUCK CEMENTER *Justin Chambers*

366 HELPER *Ben Newell*

BULK TRUCK

396/306 DRIVER *Edi CORONADO*

BULK TRUCK

DRIVER

REMARKS:

Grout 5 bbls Freshwater ahead
with 200 lbs cement
Displace 16.43 bbls Freshwater
to 2nd in
Cement dpt 45' below
Plug Down 9:15 AM
Plug Down

CHARGE TO: *O'Brien Resources*

STREET

CITY STATE ZIP

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *V. Jeremy Stuckey*

SIGNATURE *[Signature]*

Thank You!

OWNER

CEMENT

AMOUNT ORDERED *200 SKS class A*

3-100 271 gal

COMMON	<i>200 SKS</i>	@	<i>17.90</i>	<i>3580.00</i>
POZMIX		@		<i>93.60</i>
GEL	<i>400A</i>	@	<i>23.40</i>	<i>9360.00</i>
CHLORIDE	<i>564 #</i>	@	<i>804</i>	<i>451.20</i>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>216.66 x 2.45</i>	@		<i>532.31</i>
MILEAGE	<i>9.88 x 90 x 2.60</i>	@		<i>1027.52</i>
TOTAL				<i>5689.63</i>

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE *1512.25*

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

HVM *40* @ *7.70* *308.00*

LVM *40* @ *4.40* *176.00*

TOTAL *1996.25*

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

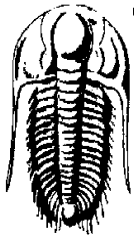
TOTAL

SALES TAX (If Any)

TOTAL CHARGES *7685.88-1200.00 = 6485.88*

DISCOUNT *20% = 1297.18* IF PAID IN 30 DAYS
w/15 time 3 hr @ 400 hr = 1200.00

5188.71



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources LLC

P.O.Box 6149
Shreveport LA 71136

ATTN: Kurt Talbott

1-18-29 Lane Co KS

Peck 1 #1

Job Ticket: 54725

DST#: 1

Test Start: 2014.01.10 @ 09:53:15

GENERAL INFORMATION:

Formation: **H-I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:21:45

Time Test Ended: 17:37:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

Interval: 4086.00 ft (KB) To 4185.00 ft (KB) (TVD)

Reference Elevations: 2724.00 ft (KB)

Total Depth: 4185.00 ft (KB) (TVD)

2714.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8846 Outside

Press@RunDepth: 370.98 psig @ 4155.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.10

End Date:

2014.01.10

Last Calib.: 2014.01.10

Start Time: 09:53:15

End Time:

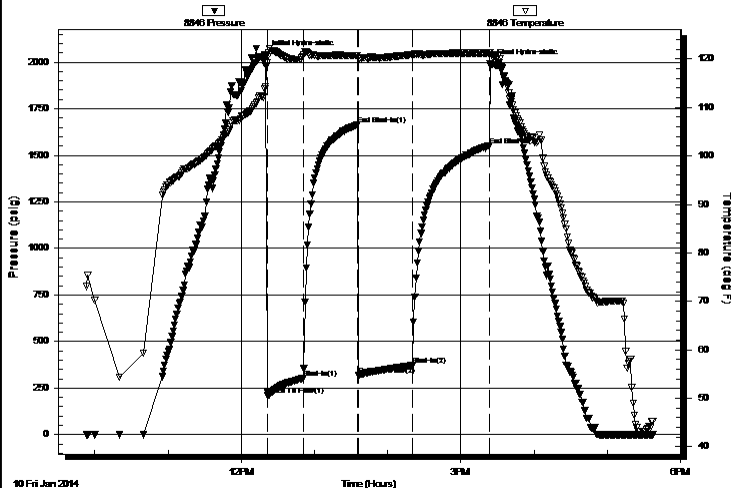
17:37:15

Time On Btm: 2014.01.10 @ 12:20:00

Time Off Btm: 2014.01.10 @ 15:24:00

TEST COMMENT: IF:BOB in 1 min.
IS:No return blow
FF:BOB in 10 min.
FS:No return blow

Pressure vs. Time



PRESSURE SUMMARY

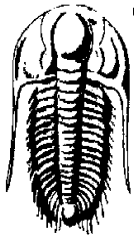
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2038.41	114.30	Initial Hydro-static
2	212.36	120.46	Open To Flow (1)
31	302.68	120.78	Shut-In(1)
76	1665.56	120.66	End Shut-In(1)
76	317.34	120.28	Open To Flow (2)
121	370.98	120.88	Shut-In(2)
184	1552.81	121.24	End Shut-In(2)
184	1992.45	121.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
744.00	mud 100% m	10.44

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources LLC

1-18-29 Lane Co KS

P.O.Box 6149
Shreveport LA 71136

Peck 1 #1

Job Ticket: 54725

DST#: 1

ATTN: Kurt Talbott

Test Start: 2014.01.10 @ 09:53:15

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: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
744.00	mud 100% m	10.436

Total Length: 744.00 ft

Total Volume: bbl

Num Fluid Samples: 0

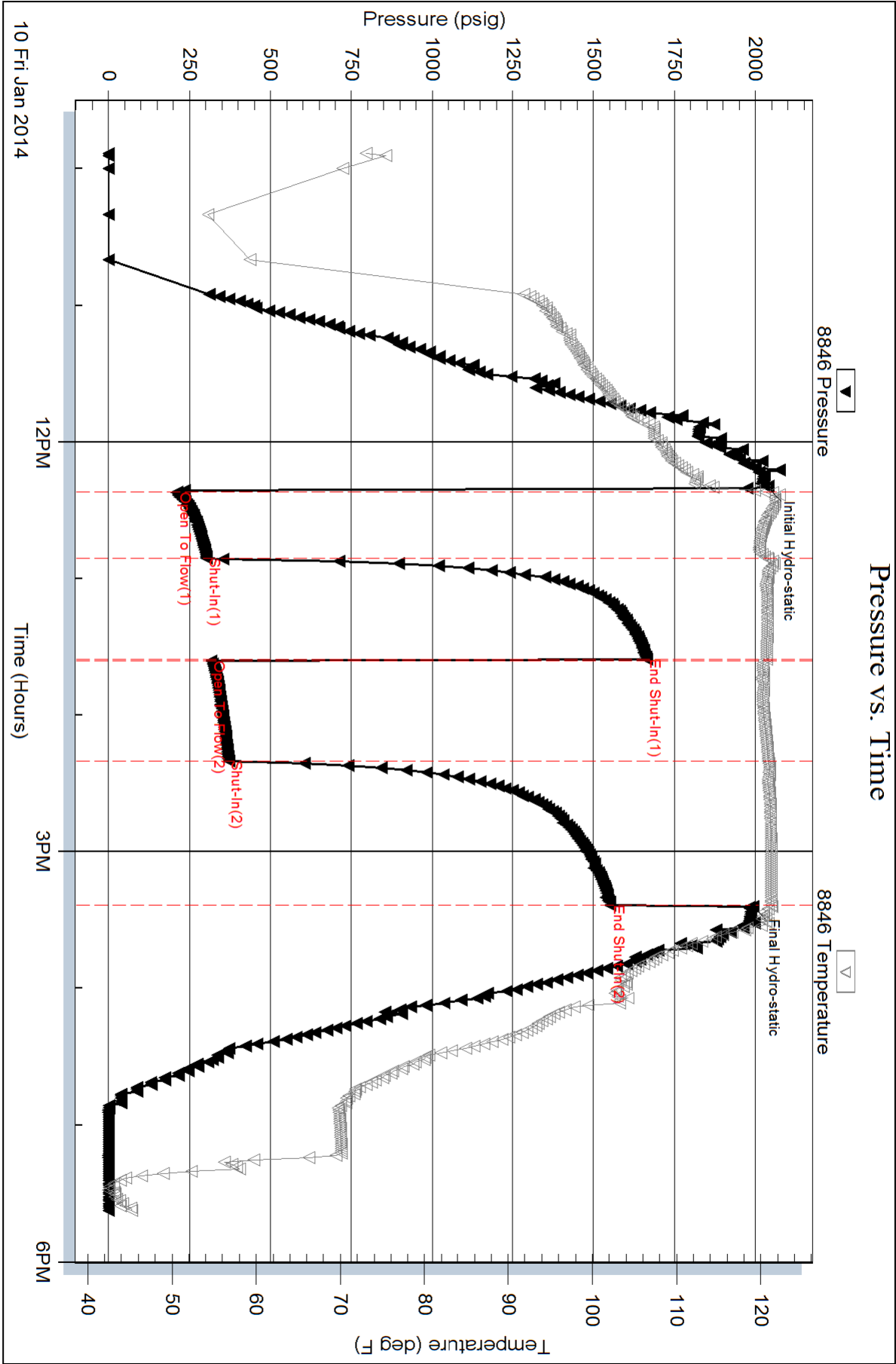
Num Gas Bombs: 0

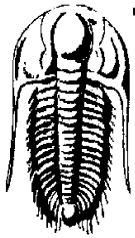
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources LLC

P.O.Box 6149
Shreveport LA 71136

ATTN: Kurt Talbott

1-18-29 Lane Co KS

Peck 1 #1

Job Ticket: 54564

DST#: 4

Test Start: 2014.01.13 @ 22:10:00

GENERAL INFORMATION:

Formation: **Cherokee-Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:05:48

Time Test Ended: 06:39:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III

Unit No: 62

Interval: 4458.00 ft (KB) To 4535.00 ft (KB) (TVD)

Total Depth: 4535.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2724.00 ft (KB)

2714.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8357 Inside

Press@RunDepth: 58.28 psig @ 4459.00 ft (KB)

Start Date: 2014.01.13

End Date:

2014.01.14

Start Time: 22:10:05

End Time:

06:39:29

Capacity: 8000.00 psig

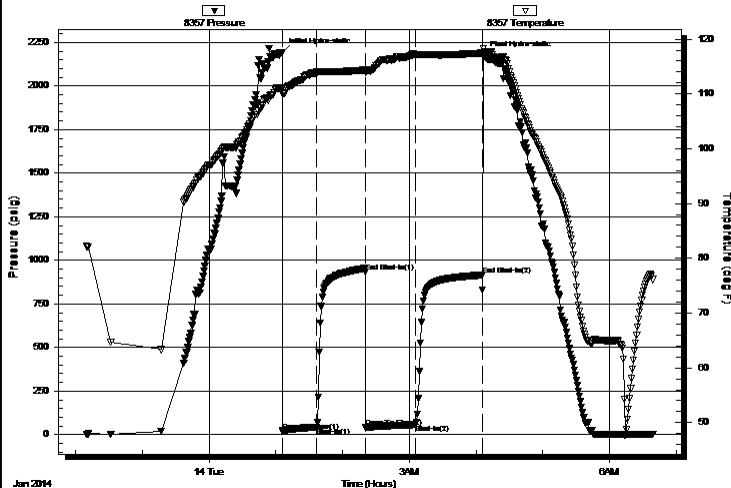
Last Calib.: 2014.01.14

Time On Btm: 2014.01.14 @ 01:05:42

Time Off Btm: 2014.01.14 @ 04:06:36

TEST COMMENT: IF: 2 1/2 in. Blow
IS: Bled off-No return
FF: Blow after 30 min. open-built to 1/2 in. Blow
FS: Bled off-No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2193.21	110.91	Initial Hydro-static
1	20.45	109.94	Open To Flow (1)
31	43.06	113.60	Shut-In(1)
75	934.34	114.36	End Shut-In(1)
75	42.95	113.98	Open To Flow (2)
121	58.28	117.17	Shut-In(2)
180	915.44	117.46	End Shut-In(2)
181	2176.31	118.30	Final Hydro-static

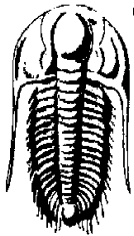
Recovery

Length (ft)	Description	Volume (bbl)
30.00	Ocm 10o 90m	0.15
60.00	Ocm 5o 95m	0.84

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources LLC

1-18-29 Lane Co KS

P.O.Box 6149
Shreveport LA 71136

Peck 1 #1

Job Ticket: 54564

DST#: 4

ATTN: Kurt Talbott

Test Start: 2014.01.13 @ 22:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 7.20 in³

Resistivity: 0.00 ohm.m

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Ocm 10o 90m	0.148
60.00	Ocm 5o 95m	0.842

Total Length: 90.00 ft

Total Volume: 0.990 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

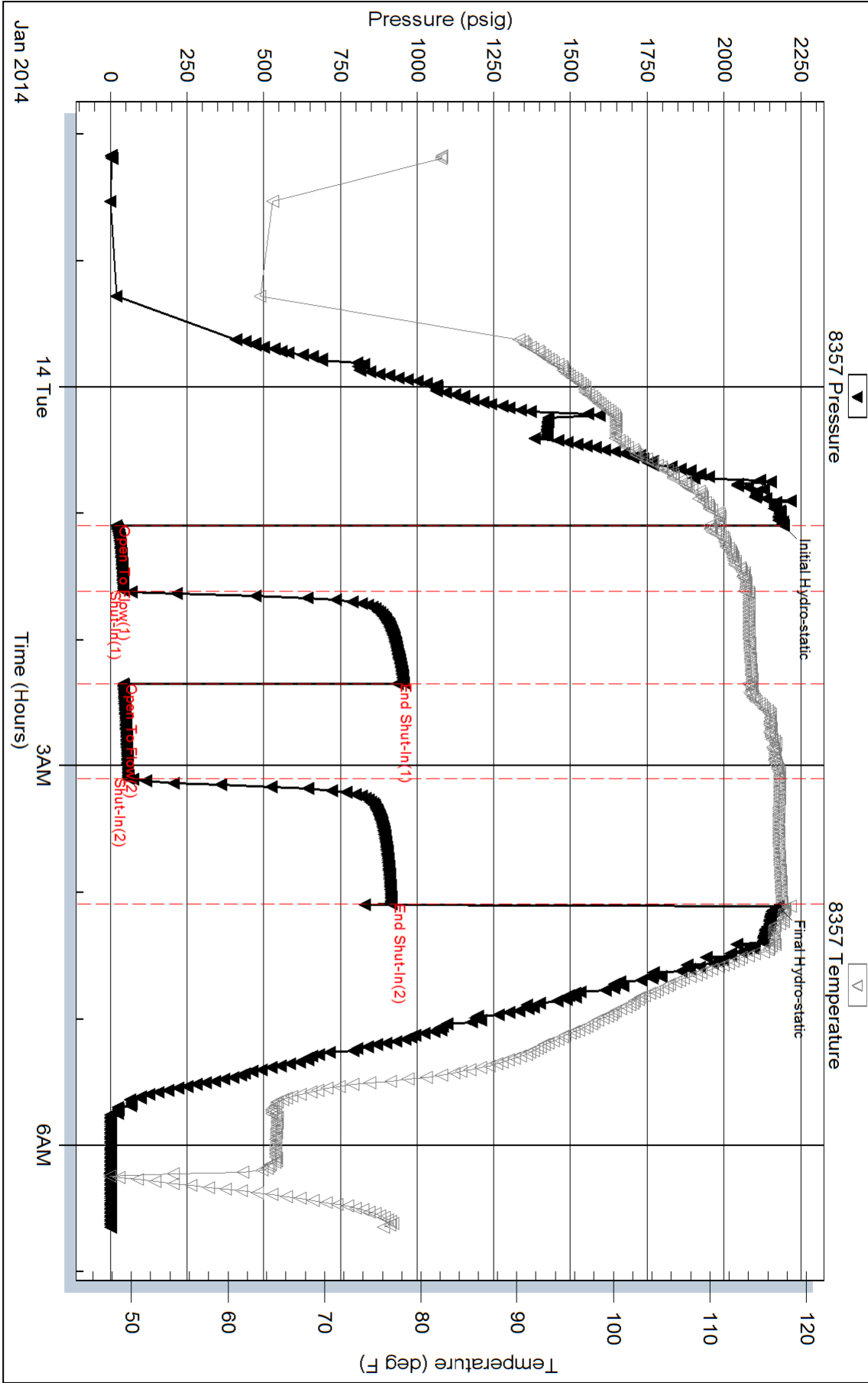
Serial #:

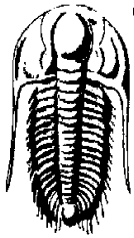
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources LLC

P.O.Box 6149
Shreveport LA 71136

ATTN: Kurt Talbott

1-18-29 Lane Co KS

Peck 1 #1

Job Ticket: 54563

DST#: 3

Test Start: 2014.01.12 @ 21:29:00

GENERAL INFORMATION:

Formation: **Pawnee-Myric Station**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:05:00

Time Test Ended: 04:52:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III

Unit No: 62

Interval: 4380.00 ft (KB) To 4460.00 ft (KB) (TVD)

Total Depth: 4460.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2724.00 ft (KB)

2714.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8357 Inside

Press@RunDepth: 27.99 psig @ 4383.00 ft (KB)

Start Date: 2014.01.12

End Date:

2014.01.13

Start Time: 21:29:05

End Time:

04:52:29

Capacity: 8000.00 psig

Last Calib.: 2014.01.13

Time On Btm: 2014.01.13 @ 00:04:48

Time Off Btm: 2014.01.13 @ 02:21:06

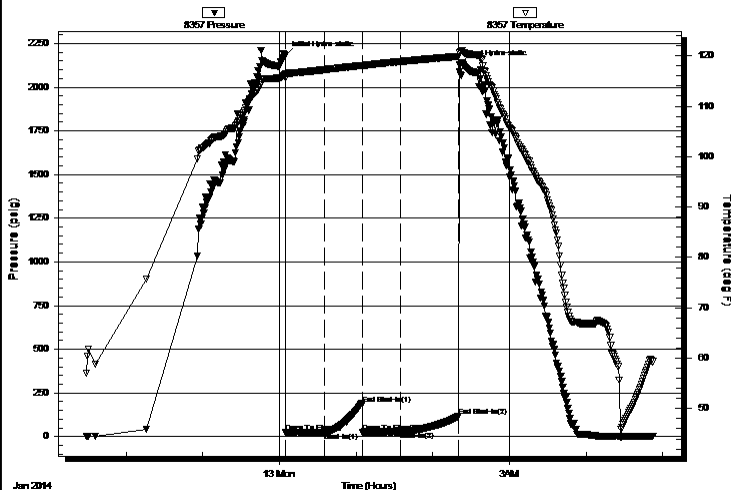
TEST COMMENT: IF: 1/2 in. Blow - Died in 28 1/2 min.

IS: No return

FF: No blow - Flushed tool- Good surge

FS: No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2179.50	116.47	Initial Hydro-static
1	23.72	115.71	Open To Flow (1)
31	26.64	117.23	Shut-In(1)
60	185.00	118.10	End Shut-In(1)
61	27.00	118.04	Open To Flow (2)
90	27.99	118.86	Shut-In(2)
136	117.24	119.88	End Shut-In(2)
137	2127.01	120.65	Final Hydro-static

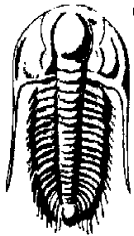
Recovery

Length (ft)	Description	Volume (bbl)
5.00	Ocm 4o 96m	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources LLC

1-18-29 Lane Co KS

P.O.Box 6149
Shreveport LA 71136

Peck 1 #1

Job Ticket: 54563

DST#: 3

ATTN: Kurt Talbott

Test Start: 2014.01.12 @ 21:29:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 7.60 in³

Resistivity: 0.00 ohm.m

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Ocm 4o 96m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

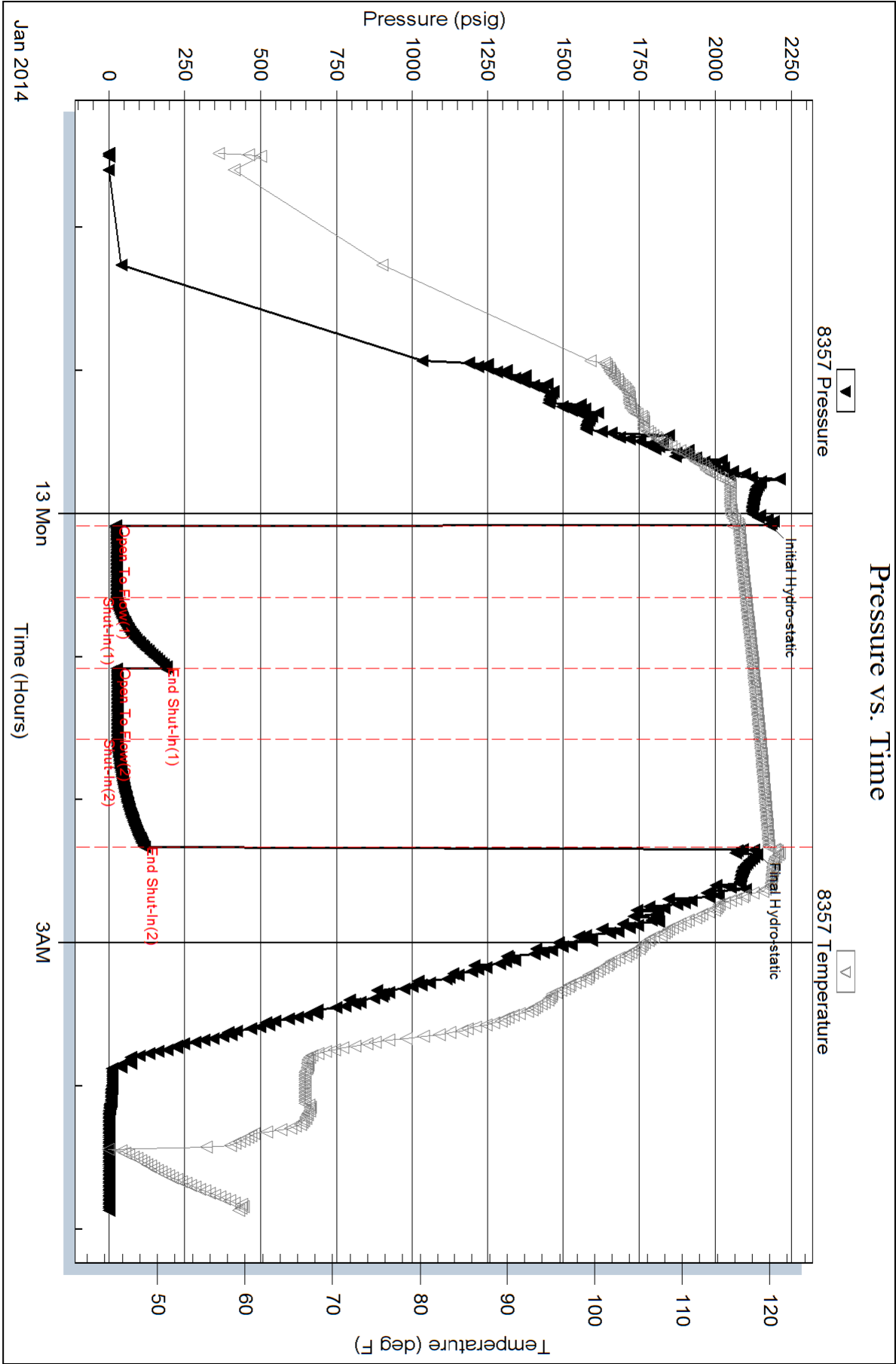
Num Gas Bombs: 0

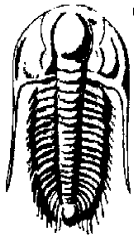
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

O'Brien Resources LLC

P.O.Box 6149
Shreveport LA 71136

ATTN: Kurt Talbott

1-18-29 Lane Co KS

Peck 1 #1

Job Ticket: 56726

DST#: 2

Test Start: 2014.01.11 @ 08:58:15

GENERAL INFORMATION:

Formation: **K-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:54:00

Time Test Ended: 17:13:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4192.00 ft (KB) To 4270.00 ft (KB) (TVD)

Reference Elevations: 2724.00 ft (KB)

Total Depth: 4270.00 ft (KB) (TVD)

2714.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8737 Inside

Press@RunDepth: 2020.88 psig @ 4258.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.11

End Date:

2014.01.11

Last Calib.: 2014.01.11

Start Time: 08:58:15

End Time:

17:13:00

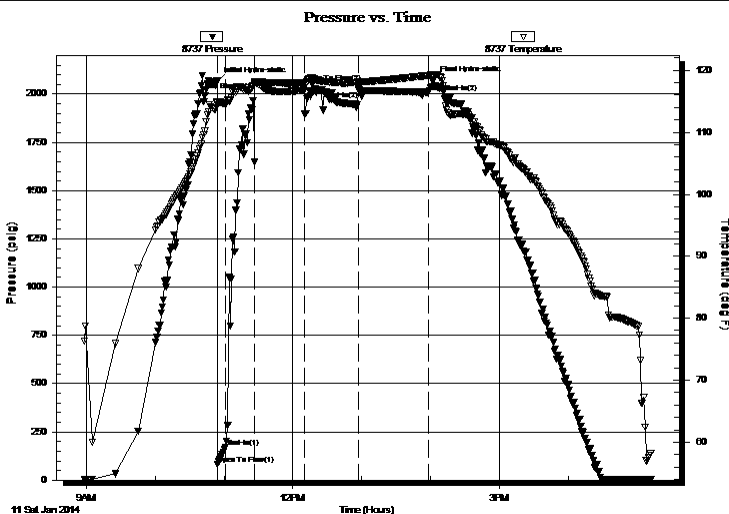
Time On Btm: 2014.01.11 @ 10:53:45

Time Off Btm: 2014.01.11 @ 14:02:15

TEST COMMENT: IF:BOB in 3 min.
IS:No return blow
FF:BOB in 1 min.
FS:No return blow

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2066.98	115.01	Initial Hydro-static
1	83.04	114.45	Open To Flow (1)
8	172.04	114.57	Shut-In(1)
33	2065.00	118.09	End Shut-In(1)
76	2057.00	116.79	Open To Flow (2)
124	2020.88	118.09	Shut-In(2)
185	2009.69	119.18	End Shut-In(2)
189	2067.69	119.29	Final Hydro-static



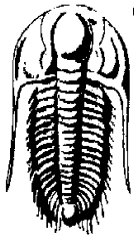
Recovery

Length (ft)	Description	Volume (bbl)
434.00	mcw 50%m 50%w	6.09
3534.00	mud 100%m	49.57

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources LLC

1-18-29 Lane Co KS

P.O.Box 6149
Shreveport LA 71136

Peck 1 #1

Job Ticket: 56726

DST#: 2

ATTN: Kurt Talbott

Test Start: 2014.01.11 @ 08:58:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.58 in³

Resistivity: 0.00 ohm.m

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

0 deg API

Water Salinity: 18000 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
434.00	mcw 50%m 50%w	6.088
3534.00	mud 100%m	49.573

Total Length: 3968.00 ft Total Volume: 55.661 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .354@76.3*=18,000 ppm

Pressure vs. Time

