

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

5/4/12

Operator: License # 5135
Name: John O. Farmer, Inc.
Address: P.O. Box 352
City/State/Zip: Russell, KS 67665
Purchaser: _____
Operator Contact Person: Marge Schulte
Phone: (785) 483-3145, Ext. 214
Contractor: Name: Discovery Drilling Company, Inc.
License: 31548
Wellsite Geologist: Brad J. Hutchison

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

4-8-10 4-14-10
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 163-23,864-00-00
County: _____ Rooks
NW SE NW SW Sec. 30 Twp. 8S S. R. 16 East West
1705 feet from (S) / N (circle one) Line of Section
900 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)

Lease Name: Chesney-Hutton Well #: 1
Field Name: Hrabe

Producing Formation: _____
Elevation: Ground: 1864' Kelly Bushing: 1872'

Total Depth: 3400' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 939 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 PANS 51040
(Data must be collected from the Reserve Pit)

Chloride content 16,000 ppm Fluid volume 240 bbls
Dewatering method used hauled free fluids

Location of fluid disposal if hauled offsite: _____

Operator Name: John O. Farmer, Inc.

Lease Name: Mudd #2 (SWD) License No.: 5135

Quarter NW/4 Sec. 27 Twp. 12 S. R. 15 East West

County: Russell Docket No.: D-28,909

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: John O. Farmer, Inc.
Title: President Date: 5-4-10

Subscribed and sworn to before me this 4th day of May, 2010.

Notary Public: Margaret A. Schulte

Date Commission Expires: _____



KCC Office Use ONLY
Y Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received

UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
MAY 05 2010

CONSERVATION DIVISION
WICHITA, KS

Operator Name: John O. Farmer, Inc. Lease Name: Chesney-Hutton Well #: 1
 Sec. 30 Twp. 8S S. R. 16 East West County: Rooks

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Micro-Resistivity Log, Array Induction Shallow Focused Log, Compact Photo Density/Compensated Neutron/Micro-Resistivity Log	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1150'</td> <td>(+722)</td> </tr> <tr> <td>Topeka</td> <td>2762'</td> <td>(-890)</td> </tr> <tr> <td>Heebner</td> <td>2981'</td> <td>(-1109)</td> </tr> <tr> <td>Toronto</td> <td>3001'</td> <td>(-1129)</td> </tr> <tr> <td>Lansing</td> <td>3022'</td> <td>(-1150)</td> </tr> <tr> <td>Base/KC</td> <td>3267'</td> <td>(-1395)</td> </tr> <tr> <td>Conglomerate</td> <td>3343'</td> <td>(-1471)</td> </tr> <tr> <td>L.T.D.</td> <td>3398'</td> <td>(-1526)</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Anhydrite	1150'	(+722)	Topeka	2762'	(-890)	Heebner	2981'	(-1109)	Toronto	3001'	(-1129)	Lansing	3022'	(-1150)	Base/KC	3267'	(-1395)	Conglomerate	3343'	(-1471)	L.T.D.	3398'	(-1526)
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CASING RECORD <input checked="" 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
Surface	12-1/4"	8-5/8"	23#	939'	Common	350	3% C.C., 2% gel

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				

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
---------------	------	--------	-----------	--

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

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

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	



Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

DRILLER'S LOG

Operator: John O. Farmer, Inc. LIC# 5135
PO Box 352
Russell, KS 67665

Contractor: Discovery Drilling Co., Inc. LIC#31548
PO Box 763
Hays, KS 67601

Lease: Chesney ~~B-#1~~ Hutton #1

Location: 55' N & 90' W of SE / NW / SW
Sec. 30 / 8S / 16W
Rooks Co., KS

Loggers Total Depth: 3398'
Rotary Total Depth: 3400'
Commenced: 4/8/2010
Casing: 8 5/8" @ 938.51' w / 350 sks

API#15- 163-23, 864-00-00
Elevation: 1864' GL / 1872' KB
Completed: 4/14/2010
Status: D & A

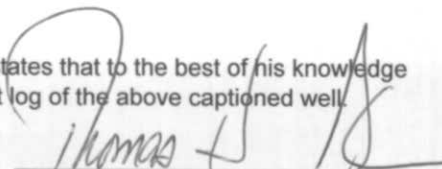
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DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	0'	Shale	1187'
Dakota Sand	597'	Shale & Lime	1669'
Shale	628'	Shale	2157'
Cedar Hill Sand	663'	Shale & Lime	2616'
Red Bed Shale	848'	Lime & Shale	2987'
Anhydrite	1151'	RTD	3400'
Base Anhydrite	1187'		

STATE OF KANSAS)
) ss
COUNTY OF ELLIS)

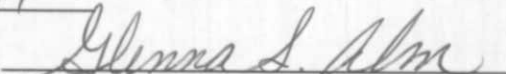
Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

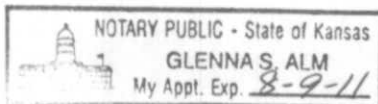

Thomas H. Alm

Subscribed and sworn to before me on 4-19-10

My Commission expires: 8-9-11

(Place stamp or seal below)


Notary Public



RECEIVED
KANSAS CORPORATION COMMISSION

MAY 05 2010

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO. LLC. 33903

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell Kc

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
4-9-10	30	8	16			6:45pm	7:30pm
LEASE		WELL #1		LOCATION		COUNTY	STATE
<u>Hutton</u>				<u>Planville 5 Feet to River Company</u>		<u>Rooks</u>	<u>Kc</u>
OLD OR NEW (Circle one)							
				<u>From your sign to North 3rd to North 1st</u>			

CONTRACTOR D-covery Drilling & Rig #1
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 939'
 CASING SIZE 8 5/8 23' DEPTH 939'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 42.25'
 CEMENT LEFT IN CSG. 42.25'
 PERFS. _____
 DISPLACEMENT 57 11 BBL

OWNER _____
 CEMENT AMOUNT ORDERED 350 com 3% cc 2% Gel
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER John Robert
 # 417 HELPER Matt
 BULK TRUCK _____
 # 481 DRIVER Ren
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:

Est Circulation
Abx 350 sk cement
D-proc w/ 57.11 BBL H₂O
Cement did circulate!
Thank You!

CHARGE TO: John O. Farmer
 STREET _____
 CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., 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 _____
 SIGNATURE [Signature]

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 MANIFOLD _____ @ _____
 _____ @ _____

PLUG & FLOAT EQUIPMENT

_____ @ _____
8 5/8 Rubber Plug @ _____
8 5/8 Baffle Plate @ _____
 _____ @ _____
 _____ @ _____

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

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TOTAL _____

TOTAL _____

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KANSAS CORPORATION COMMISSION

MAY 05 2010

CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **John O Farmer Oil., Inc.**

370 W. Wichita Ave
Russell KS 67665

ATTN: Brad

30 8S 16 Rooks KS

Hutton
Chesney #1

Start Date: 2010.04.12 @ 17:43:34

End Date: 2010.04.12 @ 22:17:04

Job Ticket #: 38532 DST #: 1

KCC

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KANSAS CORPORATION COMMISSION

MAY 05 2010

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

John O Farmer Oil., Inc.

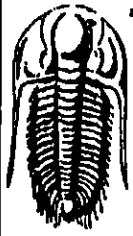
Chesney B #1

30 8S 16 Rooks KS

DST # 1

LKC "C,D"

2010.04.12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

John O Farmer Oil., Inc.

Chesney B #1

370 W. Wichita Ave
Russell KS 67665

30 8S 16 Rooks KS

Job Ticket: 38532

DST#: 1

ATTN: Brad

Test Start: 2010.04.12 @ 17:43:34

GENERAL INFORMATION:

Formation: **LKC "C,D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:11:34

Time Test Ended: 22:17:04

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: **3032.00 ft (KB) To 3100.00 ft (KB) (TVD)**

Reference Elevations: 1871.00 ft (KB)

Total Depth: 3100.00 ft (KB) (TVD)

1862.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 9.00 ft

Serial #: 8319

Inside

Press@RunDepth: 30.52 psig @ 3035.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.04.12

End Date:

2010.04.12

Last Calib.:

2010.04.12

Start Time: 17:43:39

End Time:

22:17:03

Time On Btm

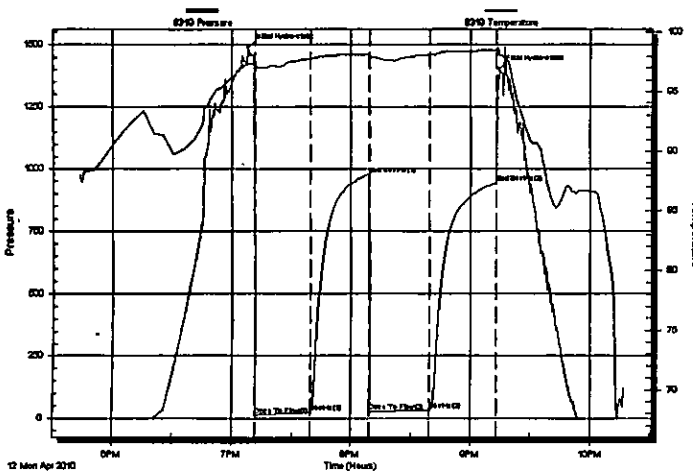
2010.04.12 @ 19:08:04

Time Off Btm

2010.04.12 @ 21:14:34

TEST COMMENT: IF-very weak surface blow
ISI-No blow
FF-very weak surface blow died in 11min
FSI-No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1487.38	97.37	Initial Hydro-static
4	12.93	96.50	Open To Flow (1)
32	23.62	97.83	Shut-In(1)
61	979.68	98.18	End Shut-In(1)
62	26.63	97.66	Open To Flow (2)
92	30.52	98.12	Shut-In(2)
125	944.00	98.48	End Shut-In(2)
127	1402.90	98.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Oilspotted mud	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer Oil, Inc.

Chesney B #1

370 W. Wichita Ave
Russell KS 67665

30 8S 16 Rooks KS

ATTN: Brad

Job Ticket: 38532

DST#: 1

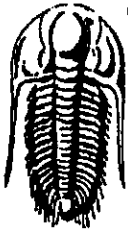
Test Start: 2010.04.12 @ 17:43:34

Tool Information

Drill Pipe:	Length: 2986.00 ft	Diameter: 3.80 inches	Volume: 41.89 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3032.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.00 ft			
Tool Length:	88.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3013.00	
Shut In Tool	5.00			3018.00	
Hydraulic tool	5.00			3023.00	
Packer	4.00			3027.00	20.00 Bottom Of Top Packer
Packer	5.00			3032.00	
Stubb	1.00			3033.00	
Perforations	1.00			3034.00	
Change Over Sub	1.00			3035.00	
Recorder	0.00	8319	Inside	3035.00	
Recorder	0.00	8369	Inside	3035.00	
Blank Spacing	31.00			3066.00	
Change Over Sub	1.00			3067.00	
Perforations	30.00			3097.00	
Bullnose	3.00			3100.00	68.00 Bottom Packers & Anchor
Total Tool Length:	88.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer Oil, Inc.

Chesney B #1

370 W. Wichita Ave
Russell KS 67665

30 8S 16 Rooks KS

Job Ticket: 38532

DST#: 1

ATTN: Brad

Test Start: 2010.04.12 @ 17:43:34

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	Oilspotted mud	0.148

Total Length: 30.00 ft

Total Volume: 0.148 bbl

Num Fluid Samples: 0

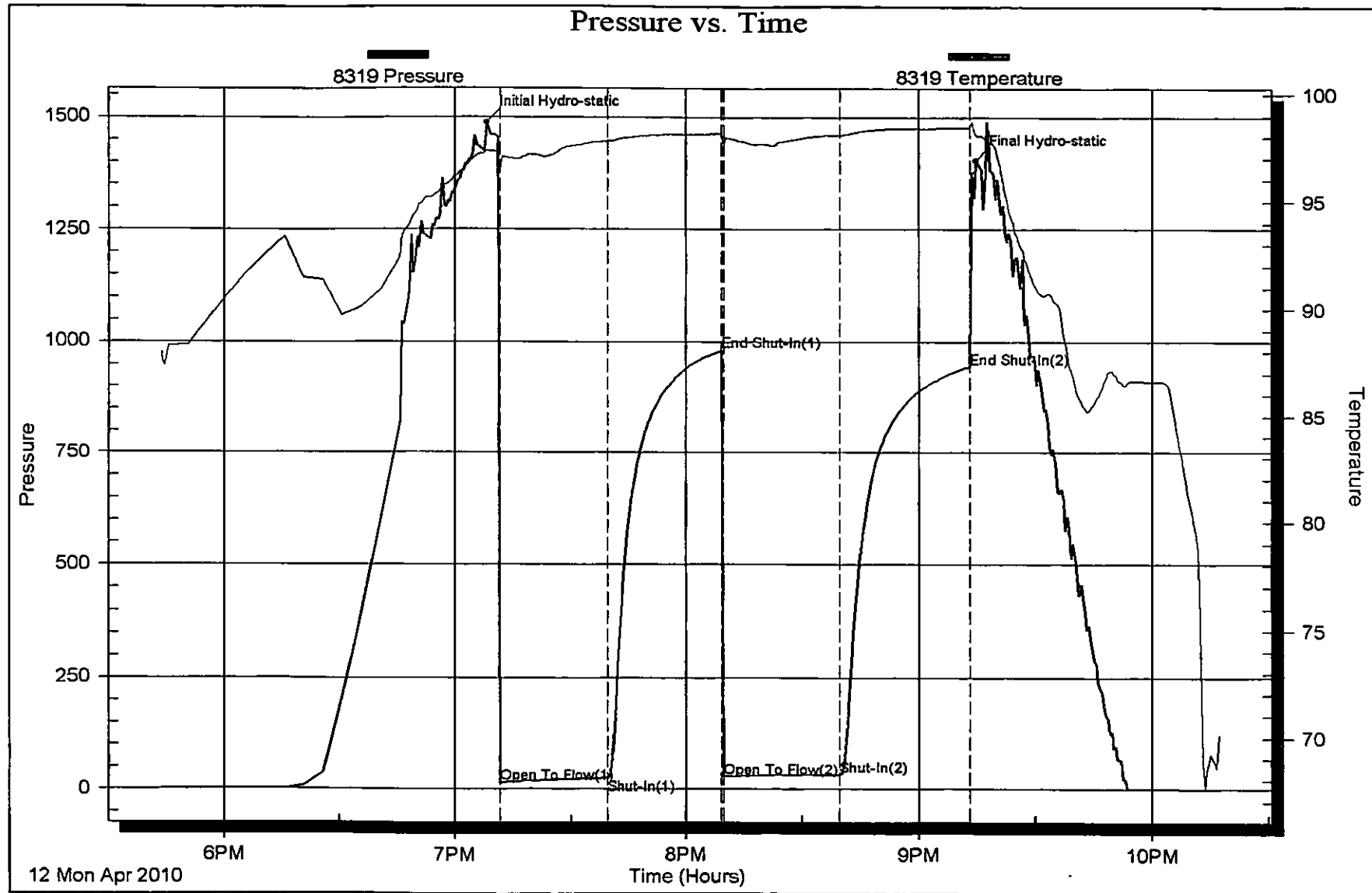
Num Gas Bombs: 0

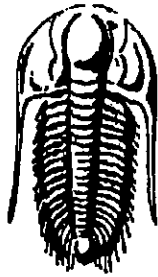
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **John O Farmer Oil., Inc.**

370 W. Wichita Ave
Russell KS 67665

ATTN: Brad

30 8S 16 Rooks KS

Chesney B #1

Start Date: 2010.04.13 @ 05:00:06

End Date: 2010.04.13 @ 10:56:06

Job Ticket #: 38533 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

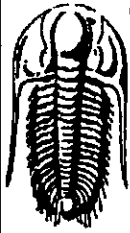
John O Farmer Oil., Inc.

Chesney B #1

30 8S 16 Rooks KS

DST # 2

2010.04.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

John O Farmer Oil., Inc.
370 W. Wichita Ave
Russell KS 67665
ATTN: Brad

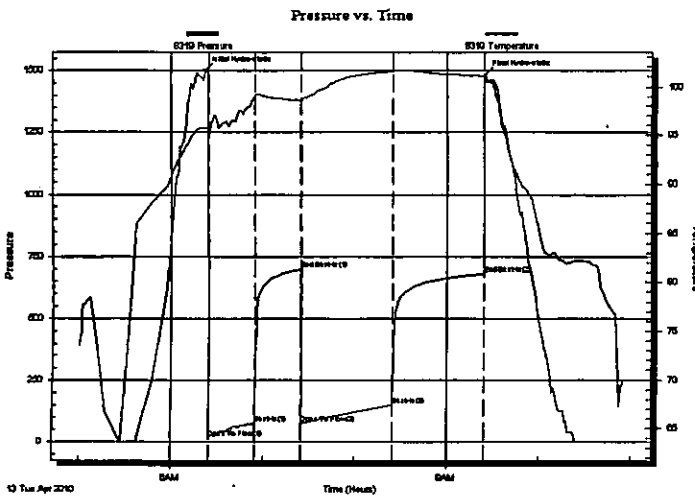
Chesney B #1
30 8S 16 Rooks KS
Job Ticket: 38533 DST#: 2
Test Start: 2010.04.13 @ 05:00:06

GENERAL INFORMATION:

Formation: _____
Deviated: No Whipstock ft (KB) Test Type: Conventional Bottom Hole
Time Tool Opened: 06:24:06 Tester: Brett Dickinson
Time Test Ended: 10:56:06 Unit No: 47
Interval: 3098.00 ft (KB) To 3150.00 ft (KB) (TVD) Reference Elevations: 1871.00 ft (KB)
Total Depth: 3150.00 ft (KB) (TVD) 1862.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: _____ KB to GR/CF: 9.00 ft

Serial #: 8319 Inside
Press@RunDepth: 149.40 psig @ 3101.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.04.13 End Date: 2010.04.13 Last Calib.: 2010.04.13
Start Time: 05:00:11 End Time: 10:56:05 Time On Btm: 2010.04.13 @ 06:21:36
Time Off Btm: 2010.04.13 @ 09:25:05

TEST COMMENT: IF-7.25in blow
ISI-No blow
FF-8in Blow
FSI- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1501.99	95.74	Initial Hydro-static
3	16.54	94.90	Open To Flow (1)
33	73.74	98.93	Shut-In(1)
63	698.63	98.60	End Shut-In(1)
64	75.53	98.48	Open To Flow (2)
123	149.40	101.50	Shut-In(2)
183	679.79	101.07	End Shut-In(2)
184	1485.49	100.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	water	1.41
120.00	WCM 40%W 60%M	1.68
45.00	Oil spotted WCM 45%W 55%M	0.63

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer Oil., Inc.

Chesney B #1

370 W. Wichita Ave
Russell KS 67665

30 8S 16 Rooks KS

Job Ticket: 38533

DST#: 2

ATTN: Brad

Test Start: 2010.04.13 @ 05:00:06

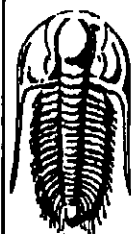
Tool Information

Drill Pipe:	Length: 3080.00 ft	Diameter: 3.80 inches	Volume: 43.20 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 2500.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3098.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3079.00	
Shut In Tool	5.00			3084.00	
Hydraulic tool	5.00			3089.00	
Packer	4.00			3093.00	20.00 Bottom Of Top Packer
Packer	5.00			3098.00	
Stubb	1.00			3099.00	
Perforations	1.00			3100.00	
Change Over Sub	1.00			3101.00	
Recorder	0.00	8319	Inside	3101.00	
Recorder	0.00	8369	Inside	3101.00	
Blank Spacing	31.00			3132.00	
Change Over Sub	1.00			3133.00	
Perforations	14.00			3147.00	
Bullnose	3.00			3150.00	52.00 Bottom Packers & Anchor

Total Tool Length: 72.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer Oil, Inc.

Chesney B #1

370 W. Wichita Ave
Russell KS 67665

30 8S 16 Rooks KS

Job Ticket: 38533

DST#: 2

ATTN: Brad

Test Start: 2010.04.13 @ 05:00:06

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

112000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.15 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	water	1.410
120.00	WCM 40%W 60%M	1.683
45.00	Oil spotted WCM 45%W 55%M	0.631

Total Length: 285.00 ft

Total Volume: 3.724 bbl

Num Fluid Samples: 0

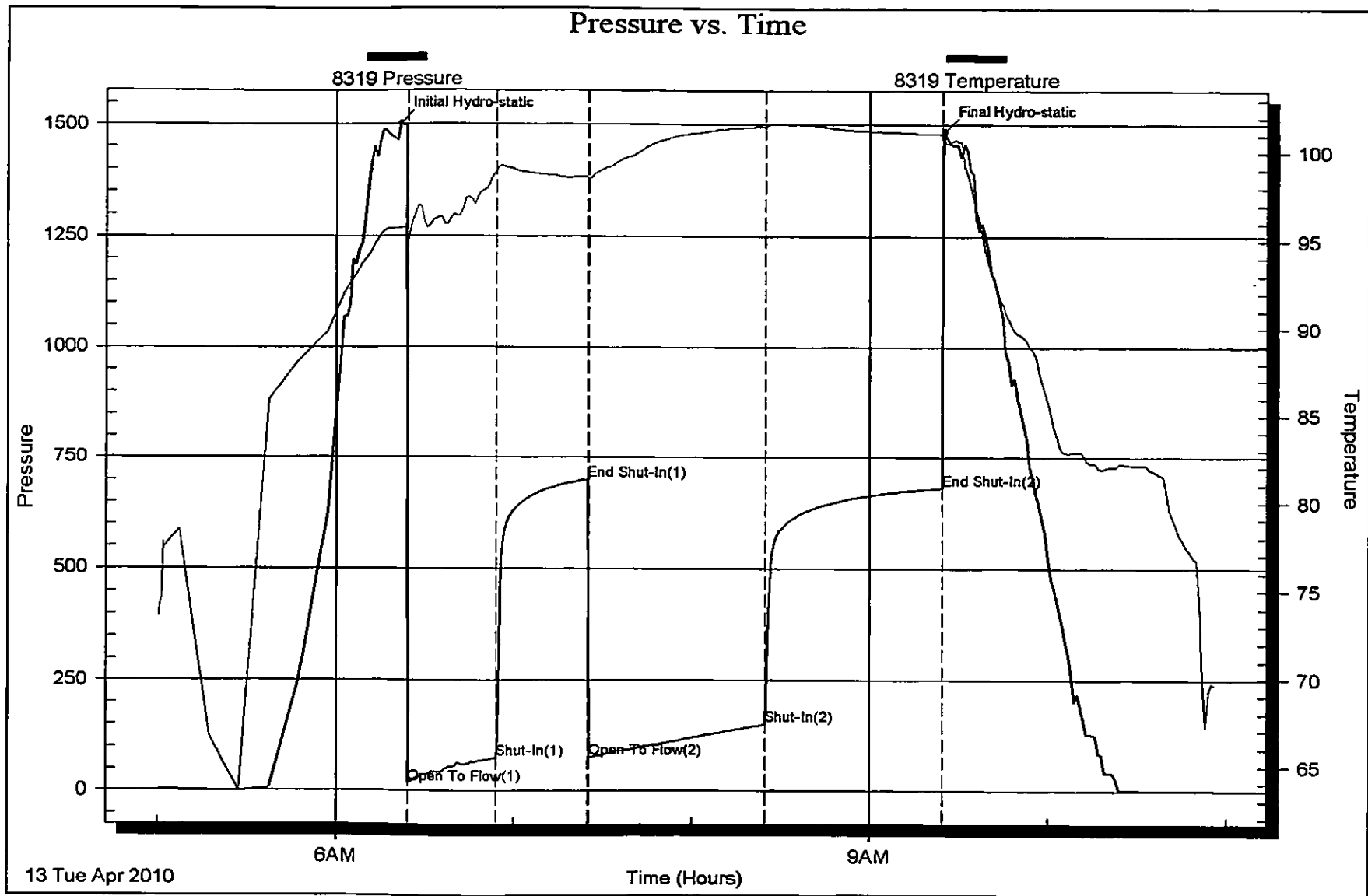
Num Gas Bombs: 0

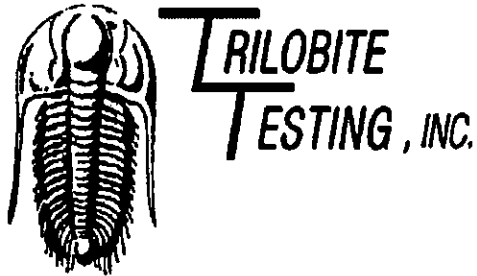
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **John O Farmer Oil., Inc.**

370 W. Wichita Ave
Russell KS 67665

ATTN: Brad

30 8S 16 Rooks KS

Chesney B #1

Start Date: 2010.04.13 @ 20:05:57

End Date: 2010.04.14 @ 01:57:27

Job Ticket #: 38534 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

John O Farmer Oil, Inc.

Chesney B #1

370 W. Wichita Ave
Russell KS 67665

30 8S 16 Rooks KS

Job Ticket: 38534

DST#: 3

ATTN: Brad

Test Start: 2010.04.13 @ 20:05:57

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock ft (KB)

Time Tool Opened: 22:23:57

Time Test Ended: 01:57:27

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: 3170.00 ft (KB) To 3250.00 ft (KB) (TVD)

Reference Elevations: 1871.00 ft (KB)

Total Depth: 3250.00 ft (KB) (TVD)

1862.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 9.00 ft

Serial #: 8319

Inside

Press@RunDepth: 30.04 psig @ 3173.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.04.13

End Date:

2010.04.14

Last Calib.: 2010.04.14

Start Time: 20:06:02

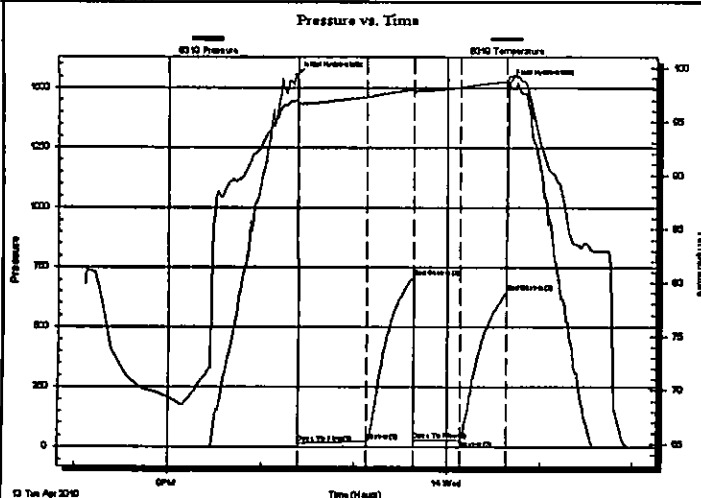
End Time:

01:57:26

Time On Btm: 2010.04.13 @ 22:22:27

Time Off Btm: 2010.04.14 @ 00:39:26

TEST COMMENT: IF-3/4in blow died back to 1/4in blow
IS- No blow
FF- No blow
FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1553.42	96.99	Initial Hydro-static
2	16.40	96.58	Open To Flow (1)
46	25.35	97.29	Shut-In (1)
76	710.66	97.97	End Shut-In (1)
76	28.23	97.66	Open To Flow (2)
106	30.04	98.17	Shut-In (2)
136	644.18	98.71	End Shut-In (2)
137	1522.31	99.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer Oil., Inc.

Chesney B #1

370 W. Wichita Ave
Russell KS 67665

30 8S 16 Rooks KS

Job Ticket: 38534

DST#: 3

ATTN: Brad

Test Start: 2010.04.13 @ 20:05:57

Tool Information

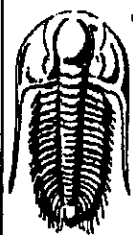
Drill Pipe:	Length: 3143.00 ft	Diameter: 3.80 inches	Volume: 44.09 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 46000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3170.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	100.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3151.00	
Shut In Tool	5.00			3156.00	
Hydraulic tool	5.00			3161.00	
Packer	4.00			3165.00	20.00 Bottom Of Top Packer
Packer	5.00			3170.00	
Stubb	1.00			3171.00	
Perforations	1.00			3172.00	
Change Over Sub	1.00			3173.00	
Recorder	0.00	8319	Inside	3173.00	
Recorder	0.00	8369	Inside	3173.00	
Blank Spacing	63.00			3236.00	
Change Over Sub	1.00			3237.00	
Perforations	10.00			3247.00	
Bullnose	3.00			3250.00	80.00 Bottom Packers & Anchor

Total Tool Length: 100.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer Oil, Inc.

Chesney B #1

370 W. Wichita Ave
Russell KS 67665

30 8S 16 Rooks KS

Job Ticket: 38534

DST#: 3

ATTN: Brad

Test Start: 2010.04.13 @ 20:05:57

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil APT

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.89 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
20.00	Mud	0.098

Total Length: 20.00 ft

Total Volume: 0.098 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

