

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs 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 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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	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> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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OCT 12 2016

PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1004542	1718	10/09/2016
INVOICE NUMBER			
92245507			

Pratt (620) 672-1201
 B VESS OIL CORPORATION
 I 1700 WATERFRONT PKWY BLDG 500
 L WICHITA
 L KS US 67206
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Earl Sutor 11
 O LOCATION
 B COUNTY Rooks
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40970702	86779		Net - 30 days	11/08/2016

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 10/03/2016 to 10/03/2016				
0040970702				
171814133A Cement-New Well Casing/Pi 10/03/2016				
Cement 8 5/8 Surface				
Common Cement	175.00	BAG	7.20	1,260.00 T
Celloflake	44.00	EA	1.67	73.26 T
Calcium Chloride	330.00	EA	0.47	155.92 T
"Unit Mileage Chg (PU, cars one way)"	100.00	MI	2.03	202.50
Heavy Equipment Mileage	200.00	MI	3.38	675.00
"Proppant & Bulk Del. Chgs., per ton mil	825.00	EA	1.12	928.12
Blending & Mixing Service Charge	175.00	BAG	0.63	110.25
Depth Charge; 0-500'	1.00	EA	450.00	450.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	78.76	78.76

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	3,933.81
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	104.24
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	4,038.05
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



10244 NE Hwy. 61
 P.O. Box 8613
 Pratt, Kansas 67124
 Phone 620-672-1201

FIELD SERVICE TICKET
 1718 14133 A

DATE _____ TICKET NO. _____

DATE OF JOB: 10/3/16	DISTRICT	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:			
CUSTOMER: Vess Oil Corporation		LEASE: Earl Sudar				WELL NO. 11				
ADDRESS		COUNTY: Rooks		STATE: KS						
CITY		STATE		SERVICE CREW: Scott, Matt, Megan						
AUTHORIZED BY: Dylan Klaus		JOB TYPE: 8 5/8 Surface Pipe crew								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
86779	.25					ARRIVED AT JOB	10/3/16	AM	PM	1:30
75768 75768	.2					START OPERATION	10/3/16	AM	PM	3:05
						FINISH OPERATION	10/3/16	AM	PM	3:15
						RELEASED	10/3/16	AM	PM	4:00
						MILES FROM STATION TO WELL				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP100	Common	SK	175		2800 ⁰⁰
CC109	Calcium chloride	lb	330		346 ⁵⁰
CC102	Cellulose	lb	44		162 ⁸⁰
E100	Unit Mileage Pickup	Mi	100		450 ⁰⁰
E101	Heavy Equipment Mileage	Mi	700		1500 ⁰⁰
E113	Prop + Bulk Delivery	Ton	825		2062 ⁵⁰
CE200	Depth Charge 0-500'	4lb.	1		1000 ⁰⁰
CE240	Blending + Mixing Charge	SK	175		245 ⁰⁰
5003	Service Supervisor 11/8/8bis	EA	1		175 ⁰⁰
SUB TOTAL					8741 ⁸⁰

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL		3938 ⁸¹	

SERVICE REPRESENTATIVE:	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
FIELD SERVICE ORDER NO. _____	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer <i>Wessell Corporation</i>		Lease No.		Date <i>11/3/16</i>	
Lease <i>East 5th St</i>		Well # <i>11</i>			
Field Order # <i>11133 A</i>	Station <i>Pratt, KS</i>	Casing <i>5 5/8</i>	Depth <i>219</i>	County <i>Pottawatomie</i>	State <i>KS</i>
Type Job <i>5 5/8 Surface Pipe</i>			Formation <i>CMW</i>	Legal Description <i>12 103 20W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<i>5 5/8</i>							
Depth <i>219</i>	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press <i>500</i>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <i>5 5/8</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative			Station Manager <i>Kenneth C. Miller</i>			Treater <i>Scott C. ...</i>		
Service Units	<i>78950</i>	<i>78957</i>	<i>81779</i>	<i>70099</i>	<i>71040</i>			
Driver Names	<i>SCOTT</i>	<i>MATT</i>	<i>NICOLA</i>					

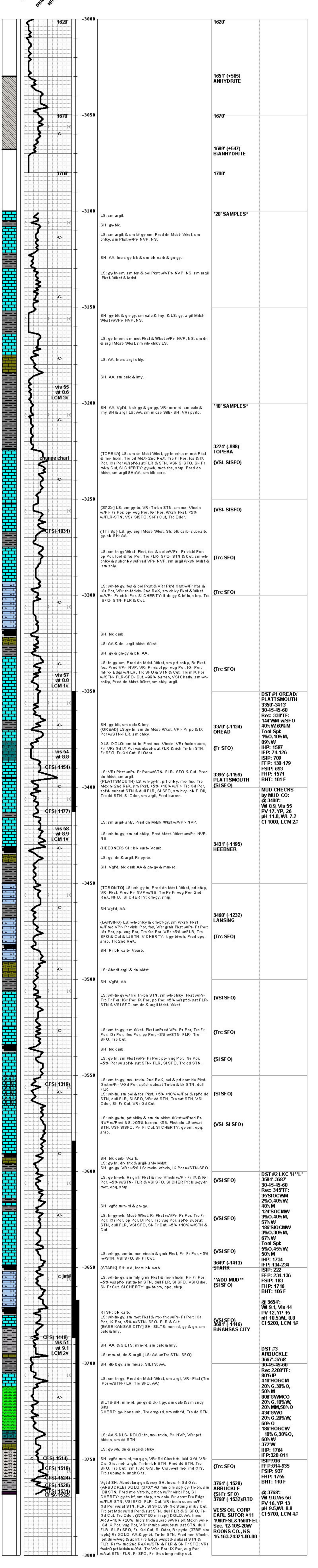
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1:30</i>					<i>No location Safety Working Pump</i>
					<i>Front Circulation</i>
<i>3:05</i>	<i>100</i>			<i>5</i>	<i>Pump 110 gpm</i>
<i>3:07</i>	<i>150</i>		<i>5</i>	<i>4.5</i>	<i>Mix 175 lbs cement 126 gpm</i>
<i>3:12</i>	<i>50</i>		<i>57.71</i>	<i>5</i>	<i>Shot displacement</i>
<i>3:13</i>	<i>150</i>		<i>5</i>	<i>5</i>	<i>Restart Circulation to Surface</i>
<i>3:15</i>	<i>200</i>		<i>7.9</i>		<i>Shut down</i>
					<i>Job Complete</i>

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY <u>VESS OIL CORPORATION</u>	ELEVATIONS
LEASE <u>EARL SUTOR #11</u>	KB <u>2236'</u> GL <u>2228'</u>
FIELD <u>MARCOTTE</u>	Measurements Are All
LOCATION <u>1980' FSL & 1560' FEL</u>	From <u>KB</u>
SECTION <u>12</u> TOWNSHIP <u>10S</u> RANGE <u>20W</u>	API <u>15-163-24321-00-00</u>
COUNTY <u>ROOKS</u> STATE <u>KANSAS</u>	
CONTRACTOR <u>Discovery Drilling Rig #1</u>	CASING
SPUD <u>10/03/2016</u> COMP <u>10/10/2016</u>	SURFACE <u>8 5/8" 23#/FT set @ 219.41' KB</u>
RTD <u>3768' (-1532)</u> LTD <u>n/a</u>	<u>w/175 sx common 2% gel 3% CC</u>
ELECTRICAL SURVEYS	PRODUCTION <u>5 1/2" 15.5#/FT set @ 3768' KB + DV tool- see remarks</u>
<u>No Open Hole E-logs</u>	

FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
			09/29/2016- Dig reserve pits.
Anhydrite		1651' (+585)	09/30/2016- MURU Discovery Drilling, Rig #1.
Base Anhydrite		1689' (+547)	10/03/2016- SPUD 12 1/4" hole @ 10:45 AM. Ran 5 lbs new 8 5/8" 23# casing and set @ 219.41' KB.
Topseka		3224' (-988)	Cemented w/175 sx common, 2% gel 3% CC- cement did circulate @ 3:15 PM. WOC 8 hrs.
Oread		3370' (-1134)	Drilling out plug @ 11:15 PM.
Plattsmouth		3395' (-1159)	10/04/2016- Depth @ 7:00 AM: 900'
Heebner		3431' (-1195)	Mud Vis 26m Mud Wt 9.8 ppg
Lansing		3468' (-1232)	10/05/2016- Depth @ 7:00 AM: 2165'
Stak		3649' (-1413)	Mud Vis 27, Mud Wt 9.5 ppg
Base Kansas City		3681' (-1446)	10/06/2016- Depth @ 7:00 AM: 2915'
Arbuckle		3764' (-1528)	Mud Vis 28, Mud Wt 9.8 ppg
RTD		3768' (-1532)	DST #1- Oread/Plattsmouth
			10/07/2016- Depth @ 7:00 AM: 3390' CFS
			Mud Vis 54, Mud Wt 8.8 ppg
			DST #2- LKC HL
			10/09/2016- Depth @ 7:00 AM: 3687'
			Mud Vis 51, Mud Wt 9.1 ppg
			DST #3- LKC HL
			10/10/2016- Depth @ 7:00 AM: 3768'
			Mud Vis 60, Mud Wt 9.2 ppg
			DST #3- Arbuckle

REMARKS:
 PRODUCTION CASING JOB (by R.L. Martin): RIH w/87 jts new 5 1/2", 15.5# J-55 Casing, Packer shoe set 2' off bottom @ 2766' w/2000 psi, 19' maker it set @ 3411.8'. DV tool set in Anhydrite @ 1681.77'. Cemented first stage w/150 sx AA2 (10% salt, 0.8% FL, 0.2% defoamer, 6% alk gilsonite), good lift, pressure held throughout 500-700 psi. Bumped the plug @ 12:45 AM 10/11/2016 @ 1500 psi- held.
 10/11/2016- Circulated between stages for 2 hours. Cemented second stage w/240 sx A-Con blend (3% CC, 0.25% alk cellflake), 30 sx in Rathole & 15 sx in Mousehole. Plug down @ 4:15 AM @ 1500 psi- held. Cement did circulate (cirt 50 sx to pit). Released rig @ 4:45 AM on 10/11/2016.
 Respectfully submitted,
 Roger L. Martin, Geologist





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Vess Oil Corporation

12-10s-20w Rooks

1700 Waterfront Pkw y
Bldg 500
Wichita Ks 67206-6619

Earl Sutor #11

Job Ticket: 64745

DST#: 1

ATTN: Dylan Klaus, Roger M

Test Start: 2016.10.07 @ 15:51:00

GENERAL INFORMATION:

Formation: **Oread / Plattsmouth**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:01:25

Time Test Ended: 23:07:39

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 77

Interval: 3350.00 ft (KB) To 3413.00 ft (KB) (TVD)

Reference Elevations: 2236.00 ft (KB)

Total Depth: 3413.00 ft (KB) (TVD)

2228.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 179.27 psig @ 3356.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.07

End Date:

2016.10.07

Last Calib.: 2016.10.07

Start Time: 15:51:00

End Time:

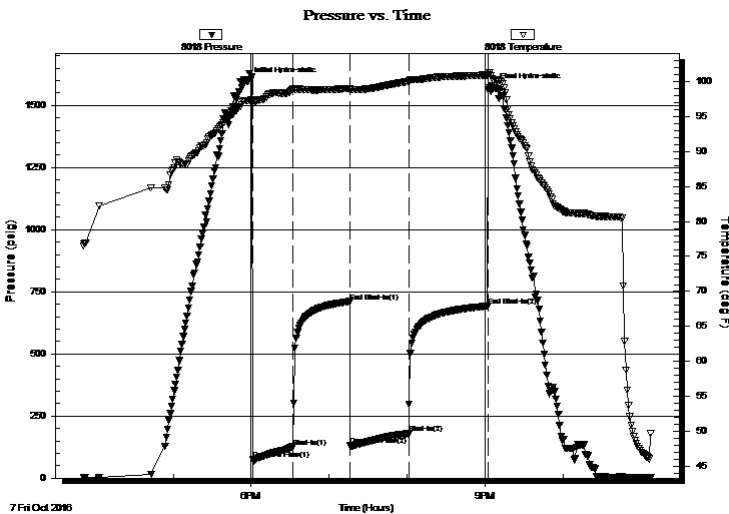
23:07:39

Time On Btm: 2016.10.07 @ 17:57:40

Time Off Btm: 2016.10.07 @ 21:06:39

TEST COMMENT: 30-IFP-w k to a gd bl 1/2"to 7"bl
45-ISIP-no bl
45-FFP-w k to a fr bl 1/4"to 5"bl
60-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1596.95	97.23	Initial Hydro-static
4	74.17	96.96	Open To Flow (1)
35	125.83	98.83	Shut-In(1)
79	708.56	98.96	End Shut-In(1)
79	130.48	98.76	Open To Flow (2)
124	179.27	100.00	Shut-In(2)
185	692.85	100.90	End Shut-In(2)
189	1570.52	100.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	Water	1.32
144.00	WM40%W60%M w/show of oil	1.16
0.00	Fluid sample in tool 1%O10%M89%W	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vess Oil Corporation
 1700 Waterfront Pkw y
 Bldg 500
 Wichita Ks 67206-6619
 ATTN: Dylan Klaus, Roger M

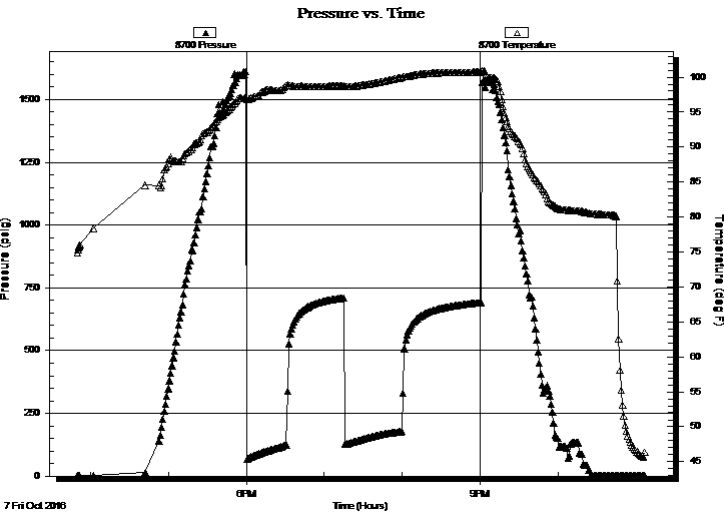
12-10s-20w Rooks
Earl Sutor #11
 Job Ticket: 64745 **DST#: 1**
 Test Start: 2016.10.07 @ 15:51:00

GENERAL INFORMATION:

Formation: **Oread / Plattsmouth**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:01:25
 Time Test Ended: 23:07:39
 Interval: **3350.00 ft (KB) To 3413.00 ft (KB) (TVD)**
 Total Depth: 3413.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ray Schwager
 Unit No: 77
 Reference Elevations: 2236.00 ft (KB)
 2228.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8700 Outside
 Press@RunDepth: psig @ 3356.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.10.07 End Date: 2016.10.07 Last Calib.: 2016.10.07
 Start Time: 15:50:06 End Time: 23:06:45 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IFP-w k to a gd bl 1/2"to 7"bl
 45-ISIP-no bl
 45-FFP-w k to a fr bl 1/4"to 5"bl
 60-FSIP-no bl



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

Recovery		
Length (ft)	Description	Volume (bbl)
186.00	Water	1.32
144.00	WM40%W60%M w /show of oil	1.16
0.00	Fluid sample in tool 1%O10%M89%W	0.00

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vess Oil Corporation

12-10s-20w Rooks

1700 Waterfront Pkw y
Bldg 500

Earl Sutor #11

Wichita Ks 67206-6619

Job Ticket: 64745

DST#: 1

ATTN: Dylan Klaus, Roger M

Test Start: 2016.10.07 @ 15:51:00

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:

88000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
186.00	Water	1.317
144.00	WM40%W60%M w/show of oil	1.159
0.00	Fluid sample in tool 1%O10%M89%W	0.000

Total Length: 330.00 ft Total Volume: 2.476 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: slid tool approx 15' to bottom after tool opened
RW .11@55F

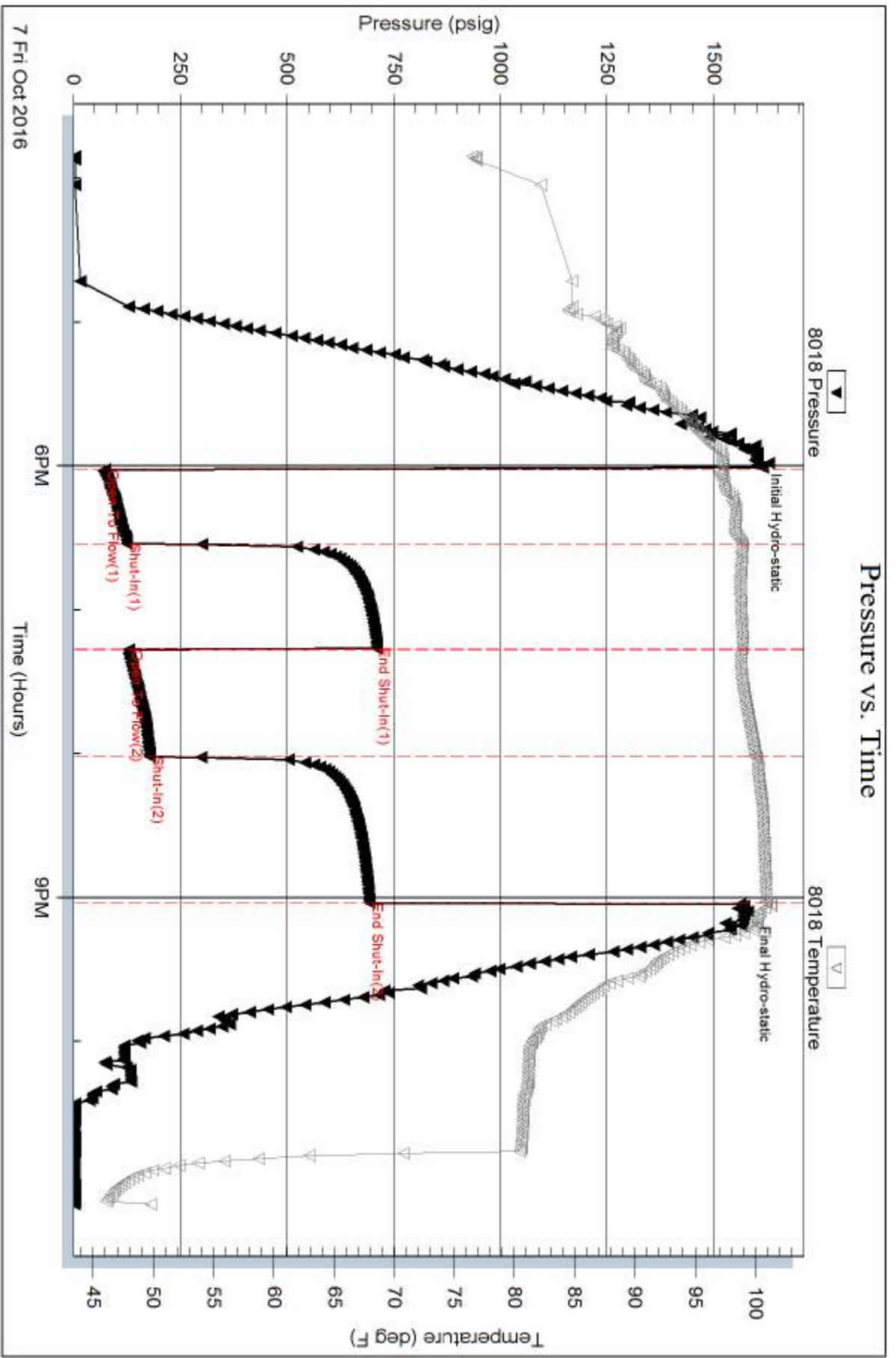
Serial #: 8018

Inside

Vess Oil Corporation

Earl Sutor #11

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 64745

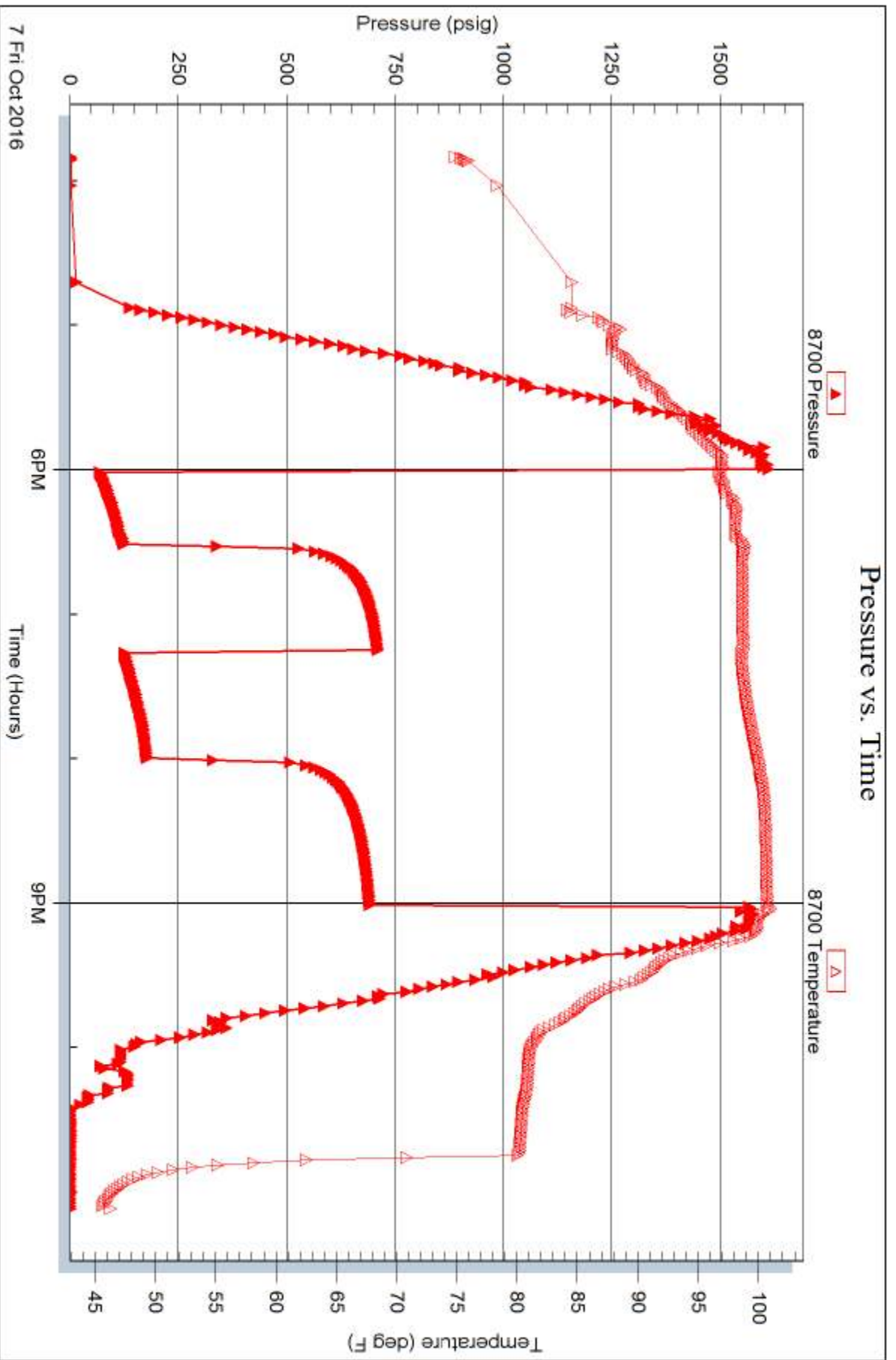
Printed: 2016.10.08 @ 07:56:45

Serial #: 8700

Outside Vess Oil Corporation

Earl Sutor #11

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 64745

Printed: 2016.10.08 @ 07:56:45



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Vess Oil Corporation
1700 Waterfront Pkw y
Bldg 500
Wichita Ks 67206-6619
ATTN: Dylan Klaus, Roger M

12-10s-20w Rooks
Earl Sutor #11
Job Ticket: 64746 **DST#: 2**
Test Start: 2016.10.09 @ 00:30:17

GENERAL INFORMATION:

Formation: **LKC H-L**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:48:27
Time Test Ended: 08:22:11
Interval: **3584.00 ft (KB) To 3687.00 ft (KB) (TVD)**
Total Depth: 3413.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Ray Schwager
Unit No: 77
Reference Elevations: 2236.00 ft (KB)
2228.00 ft (CF)
KB to GR/CF: 8.00 ft

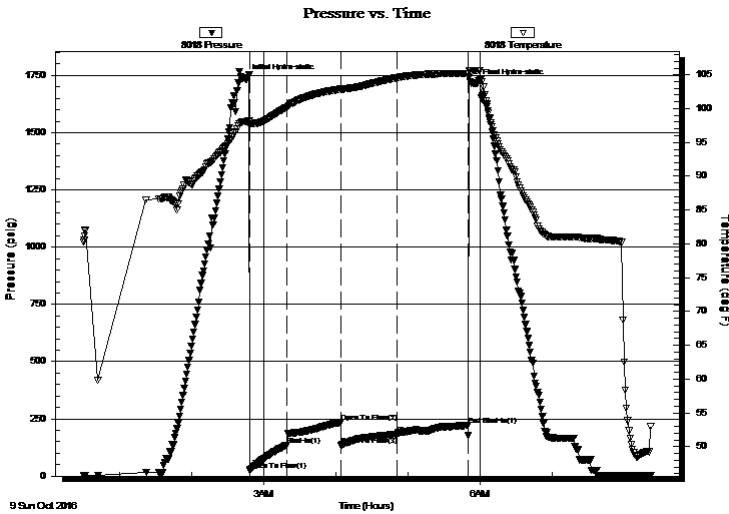
Serial #: 8018

Inside

Press@RunDepth: 134.27 psig @ 3590.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.10.09 End Date: 2016.10.09 Last Calib.: 2016.10.09
Start Time: 00:30:17 End Time: 08:22:11 Time On Btm: 2016.10.09 @ 02:45:27
Time Off Btm: 2016.10.09 @ 05:56:26

TEST COMMENT: 30-IFP-w k to a gd bl 1/2"to 9"bl
45-ISIP-no bl bk
45-FFP-w k bl thru-out 1/4"to 3"bl
60-FSIP-no bl bk

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1734.38	98.11	Initial Hydro-static
3	23.94	97.52	Open To Flow (1)
34	134.27	100.19	Shut-In(1)
79	234.46	102.87	Open To Flow (2)
79	135.59	102.84	Open To Flow (3)
126	182.53	104.56	Shut-In(2)
185	221.72	105.18	End Shut-In(1)
191	1716.02	105.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	SOCMW 3%O30%M67%W	1.32
124.00	SOCMW 3%O40%M57%W	0.88
35.00	SOCWM 2%O40%W48%M	0.49
0.00	Tool Sample 5%O45%W50%M	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Vess Oil Corporation
1700 Waterfront Pkw y
Bldg 500
Wichita Ks 67206-6619
ATTN: Dylan Klaus, Roger M

12-10s-20w Rooks
Earl Sutor #11
Job Ticket: 64746 **DST#: 2**
Test Start: 2016.10.09 @ 00:30:17

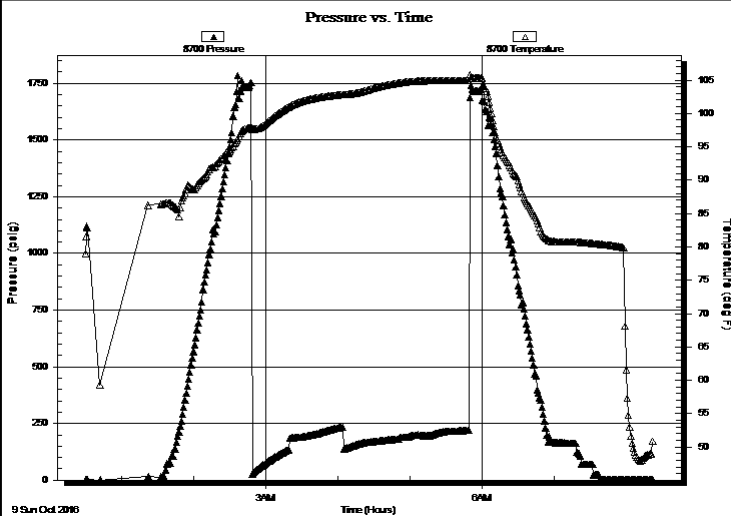
GENERAL INFORMATION:

Formation: **LKC H-L**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:48:27
Time Test Ended: 08:22:11
Interval: 3584.00 ft (KB) To 3687.00 ft (KB) (TVD)
Total Depth: 3413.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Ray Schwager
Unit No: 77
Reference Elevations: 2236.00 ft (KB)
2228.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8700 Outside

Press@RunDepth: psig @ 3590.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.10.09 End Date: 2016.10.09 Last Calib.: 2016.10.09
Start Time: 00:30:25 End Time: 08:22:19 Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IFP-w k to a gd bl 1/2" to 9" bl
45-ISIP-no bl bk
45-FFP-w k bl thru-out 1/4" to 3" bl
60-FSIP-no bl bk



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
186.00	SOCMW 3%O30%M67%W	1.32
124.00	SOCMW 3%O40%M57%W	0.88
35.00	SOCWM 2%O40%W48%M	0.49
0.00	Tool Sample 5%O45%W50%M	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vess Oil Corporation

12-10s-20w Rooks

1700 Waterfront Pkw y
Bldg 500

Earl Sutor #11

Wichita Ks 67206-6619

Job Ticket: 64746

DST#: 2

ATTN: Dylan Klaus, Roger M

Test Start: 2016.10.09 @ 00:30:17

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:

63000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.75 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
186.00	SOCMW 3%O30%M67%W	1.317
124.00	SOCMW 3%O40%M57%W	0.878
35.00	SOCWM 2%O40%W48%M	0.491
0.00	Tool Sample 5%O45%W50%M	0.000

Total Length: 345.00 ft

Total Volume: 2.686 bbf

Num Fluid Samples: 0

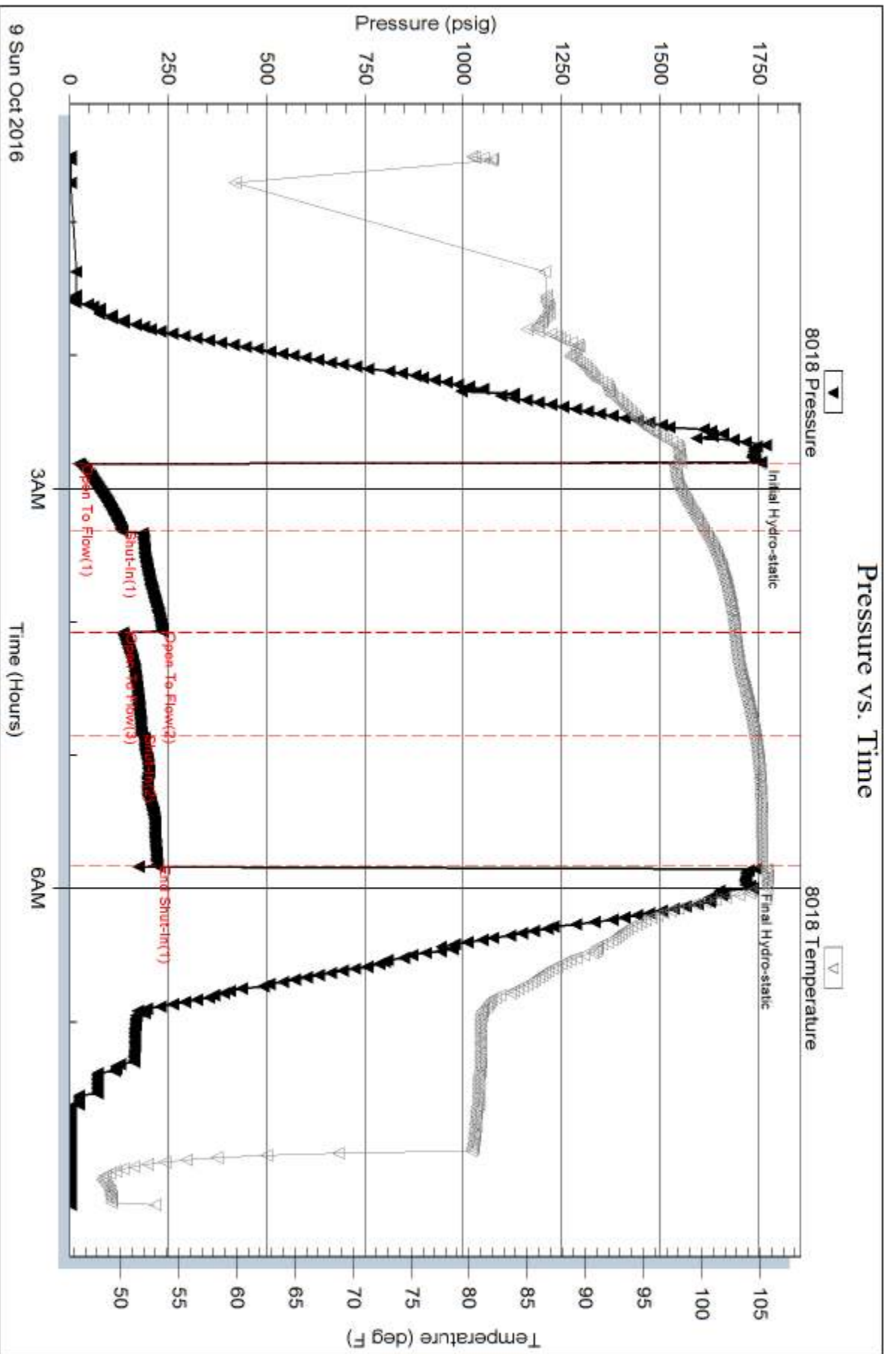
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .14@60F

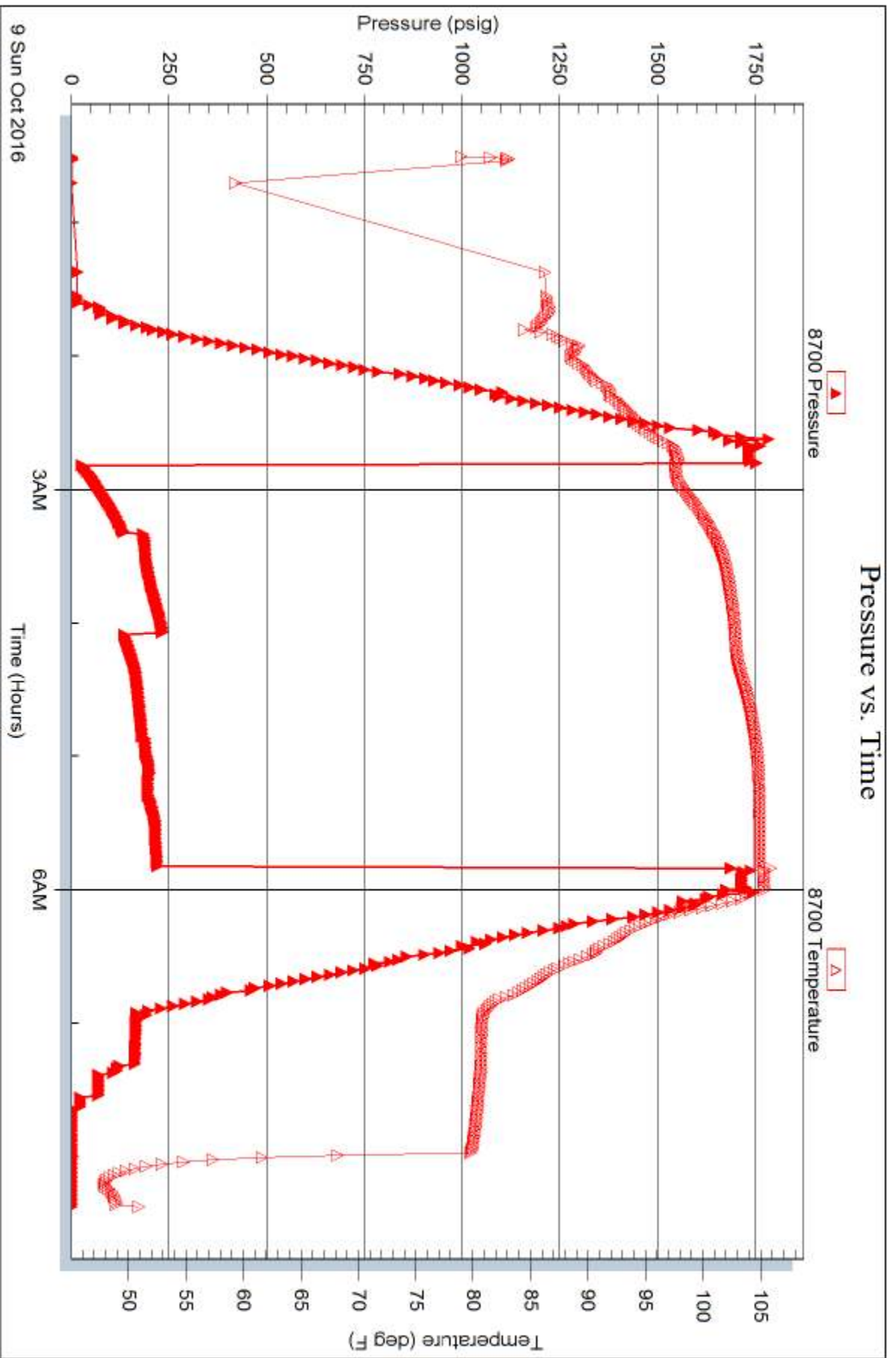


Serial #: 8700

Outside Vess Oil Corporation

Earl Sutor #11

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 64746

Printed: 2016.10.09 @ 13:17:15



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Vess Oil Corporation
 1700 Waterfront Pkw y
 Bldg 500
 Wichita Ks 67206-6619
 ATTN: Dylan Klaus, Roger M

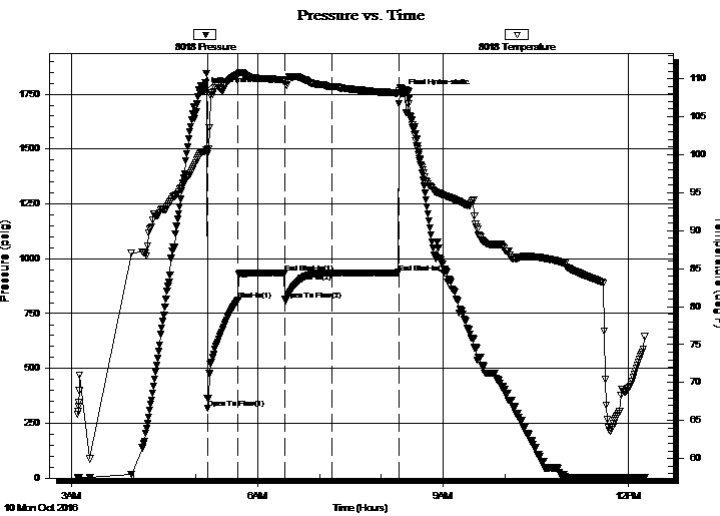
12-10s-20w Rooks
Earl Sutor #11
 Job Ticket: 64747 **DST#: 3**
 Test Start: 2016.10.10 @ 03:05:38

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:11:48
 Time Test Ended: 12:15:33
 Interval: **3667.00 ft (KB) To 3768.00 ft (KB) (TVD)**
 Total Depth: 3768.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 77
 Reference Elevations: 2236.00 ft (KB)
 2228.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8018 Inside
 Press@RunDepth: 934.64 psig @ 3673.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.10.10 End Date: 2016.10.10 Last Calib.: 2016.10.10
 Start Time: 03:05:38 End Time: 12:15:33 Time On Btm: 2016.10.10 @ 05:09:03
 Time Off Btm: 2016.10.10 @ 08:20:17

TEST COMMENT: 30-IFP-strg bl in 30 sec
 45-ISIP-surface bl bk
 45-FFP-strg bl in 2 min
 60-FSIP-surface bl bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1763.83	100.40	Initial Hydro-static
3	319.84	100.45	Open To Flow (1)
33	810.95	110.49	Shut-In(1)
77	935.89	109.80	End Shut-In(1)
78	814.07	109.73	Open To Flow (2)
124	934.64	108.94	Shut-In(2)
188	936.79	108.16	End Shut-In(2)
192	1754.57	108.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
372.00	Water	3.07
186.00	HO&GCW 10%G30%O60%W	2.61
434.00	GWO 20%G20%W60%O	6.09
806.00	GW&MCO20%G10%W20%M50%O	11.31
410.00	HO&GCM20%G30%O50%M	5.75
0.00	80'GIP	0.00

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

Vess Oil Corporation
 1700 Waterfront Pkw y
 Bldg 500
 Wichita Ks 67206-6619
 ATTN: Dylan Klaus, Roger M

12-10s-20w Rooks
Earl Sutor #11
 Job Ticket: 64747 **DST#: 3**
 Test Start: 2016.10.10 @ 03:05:38

GENERAL INFORMATION:

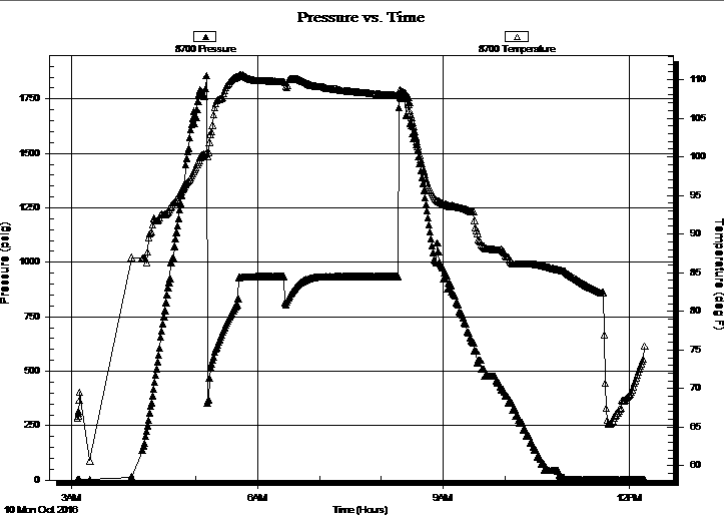
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 05:11:48 Tester: Ray Schwager
 Time Test Ended: 12:15:33 Unit No: 77

Interval: 3667.00 ft (KB) To 3768.00 ft (KB) (TVD) Reference Elevations: 2236.00 ft (KB)
 Total Depth: 3768.00 ft (KB) (TVD) 2228.00 ft (CF)
 Hole Diameter: 7.85 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8700 Outside

Press@RunDepth: psig @ 3673.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.10.10 End Date: 2016.10.10 Last Calib.: 2016.10.10
 Start Time: 03:05:32 End Time: 12:15:27 Time On Btm: Time Off Btm:

TEST COMMENT: 30-IFP-strg bl in 30 sec
 45-ISIP-surface bl bk
 45-FFP-strg bl in 2 min
 60-FSIP-surface bl bk



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
372.00	Water	3.07
186.00	HO&GCW 10%G30%O60%W	2.61
434.00	GWO 20%G20%W60%O	6.09
806.00	GW&MCO20%G10%W20%M50%O	11.31
410.00	HO&GCM20%G30%O50%M	5.75
0.00	80'GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vess Oil Corporation

12-10s-20w Rooks

1700 Waterfront Pkw y
Bldg 500
Wichita Ks 67206-6619

Earl Sutor #11

Job Ticket: 64747

DST#: 3

ATTN: Dylan Klaus, Roger M

Test Start: 2016.10.10 @ 03:05:38

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:

37000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
372.00	Water	3.065
186.00	HO&GCW 10%G30%O60%W	2.609
434.00	GWO 20%G20%W60%O	6.088
806.00	GW&MCO20%G10%W20%M50%O	11.306
410.00	HO&GCM20%G30%O50%M	5.751
0.00	80'GIP	0.000

Total Length: 2208.00 ft Total Volume: 28.819 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

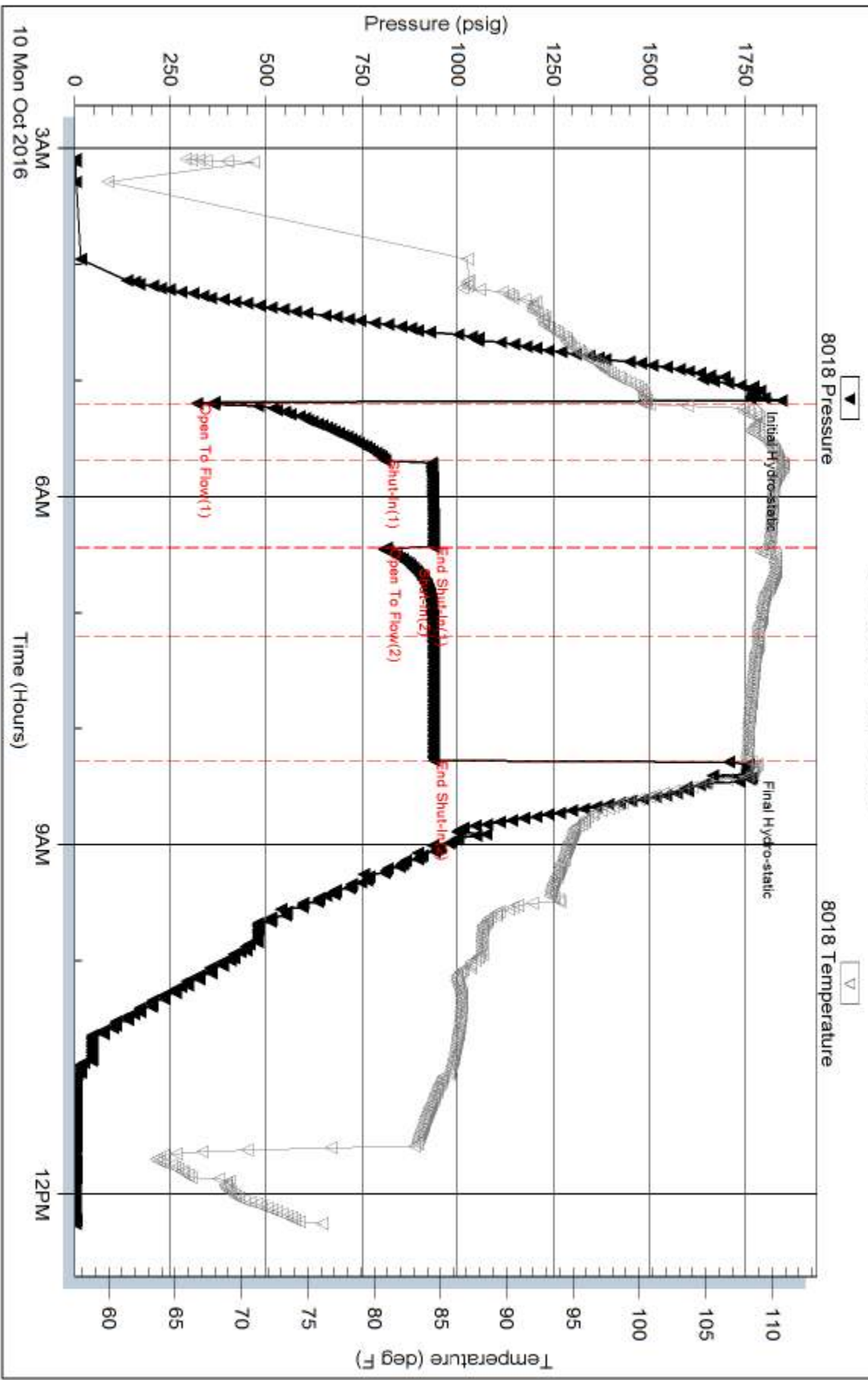
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .2@65F Tool Sample 40%O60%W

Pressure vs. Time

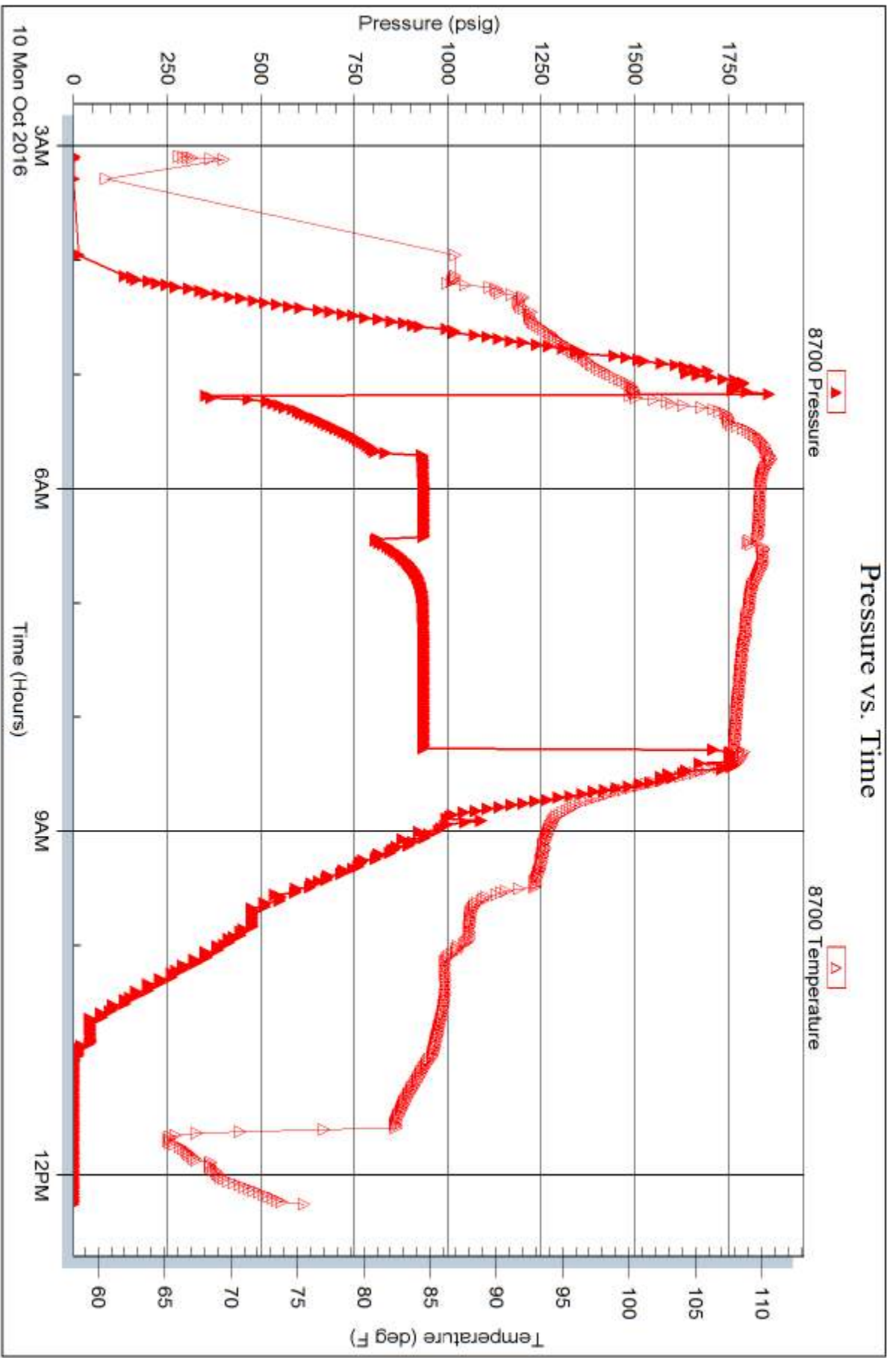


Serial #: 8700

Outside Vess Oil Corporation

Earl Sutor #11

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 64747

Printed: 2016.10.10 @ 14:20:38

CONFIDENTIAL

Earl Sutor #11 – API #15-163-24321-00009

90'E E/2 NW SE

Elevation: 2228' GL

E/2 E/2 NW SE Sec. 12-10S-20W

2236' KB

1980' FSL & 1560' FEL

Rooks County, KS

	Earl Sutor #11							
Estimated Tops	Samples		Log Tops					
Zone:	Depth	(Datum)	Depth	(Datum)	Depth	(Datum)	Depth	(Datum)
Anhydrite	1651	(+585)						
Base Anhydrite	1689	(+547)						
Topeka	3224	(-988)						
Oread	3370	(-1134)						
Plattsmouth								
Heebner	3431	(-1195)						
Lansing	3468	(-1232)						
Stark	3649	(-1413)						
B/KC	3681	(-1446)						
Arbuckle	3764	(-1528)						
RTD	3768	(-1532)						

CONFIDENTIAL

DST #1

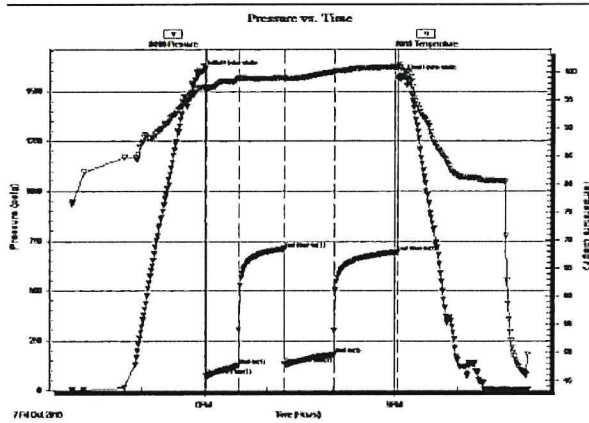
GENERAL INFORMATION:

Formation: Oread / Plattsmouth
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:01:25
 Time Test Ended: 23:07:39
 Interval: 3350.00 ft (KB) To 3413.00 ft (KB) (TVD)
 Total Depth: 3413.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ray Schwager
 Unit No: 77
 Reference Elevations: 2236.00 ft (KB)
 2228.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8018

Inside
 Press@RunDepth: 179.27 psig @ 3356.00 ft (KB)
 Start Date: 2016.10.07 End Date: 2016.10.07
 Start Time: 15:51:00 End Time: 23:07:39
 Capacity: 8000.00 psig
 Last Calib.: 2016.10.07
 Time On Btm: 2016.10.07 @ 17:57:40
 Time Off Btm: 2016.10.07 @ 21:06:39

TEST COMMENT: 30-IFP-wk to a gd bl 1/2" to 7" bl
 45-ISIP-no bl
 45-FFP-wk to a fr bl 1/4" to 5" bl
 60-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1596.95	97.23	Initial Hydro-static
4	74.17	96.96	Open To Flow (1)
35	125.83	98.83	Shut-In(1)
79	708.56	98.96	End Shut-In(1)
79	130.48	98.76	Open To Flow (2)
124	179.27	100.00	Shut-In(2)
185	692.85	100.90	End Shut-In(2)
189	1570.52	100.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	Water	1.32
144.00	WM40%W60%Mw/show of oil	1.16
0.00	Fluid sample in tool 1%O10%M89%W	0.00

Gas Rates

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

CONFIDENTIAL

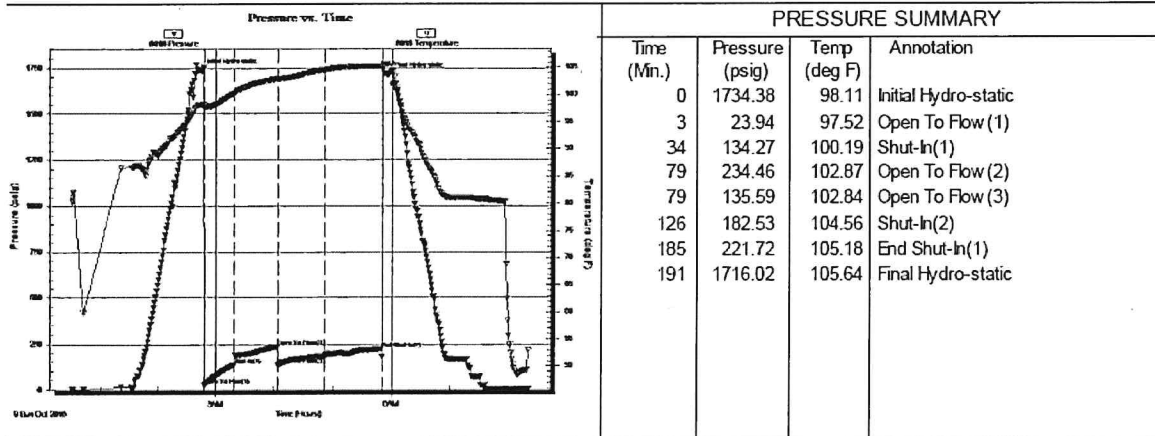
DST #2

GENERAL INFORMATION:

Formation: LKC H-L
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:48:27
 Time Test Ended: 08:22:11
 Interval: 3584.00 ft (KB) To 3687.00 ft (KB) (TVD)
 Total Depth: 3413.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 77
 Reference Elevations: 2236.00 ft (KB)
 2228.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8018 Inside
 Press@RunDepth: 134.27 psig @ 3590.00 ft (KB)
 Start Date: 2016.10.09 End Date: 2016.10.09
 Start Time: 00:30:17 End Time: 08:22:11
 Capacity: 8000.00 psig
 Last Calib.: 2016.10.09
 Time On Btm: 2016.10.09 @ 02:45:27
 Time Off Btm: 2016.10.09 @ 05:56:26

TEST COMMENT: 30-IFP-w k to a gd bl 1/2" to 9" bl
 45-ISIP-no bl bk
 45-FFP-w k bl thru-out 1/4" to 3" bl
 60-FSIP-no bl bk



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1734.38	98.11	Initial Hydro-static
3	23.94	97.52	Open To Flow (1)
34	134.27	100.19	Shut-In (1)
79	234.46	102.87	Open To Flow (2)
79	135.59	102.84	Open To Flow (3)
126	182.53	104.56	Shut-In (2)
185	221.72	105.18	End Shut-In (1)
191	1716.02	105.64	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
186.00	SOCMW 3%O30%M67%W	1.32
124.00	SOCMW 3%O40%M57%W	0.88
35.00	SOCWM 2%O40%W48%M	0.49
0.00	Tool Sample 5%O45%W50%M	0.00

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mc/d)

CONFIDENTIAL

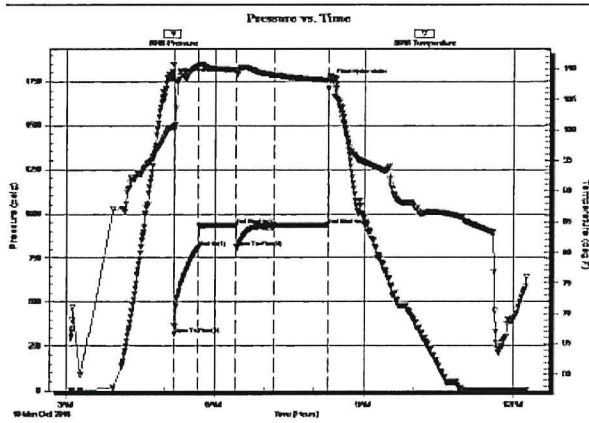
DST #3

GENERAL INFORMATION:

Formation: Arbuckle
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:11:48
 Time Test Ended: 12:15:33
 Interval: 3667.00 ft (KB) To 3768.00 ft (KB) (TVD)
 Total Depth: 3768.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 77
 Reference Elevations: 2236.00 ft (KB)
 2228.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8018 Inside
 Press@RunDepth: 934.64 psig @ 3673.00 ft (KB)
 Start Date: 2016.10.10 End Date: 2016.10.10
 Start Time: 03:05:38 End Time: 12:15:33
 Capacity: 8000.00 psig
 Last Calib.: 2016.10.10
 Time On Btm: 2016.10.10 @ 05:09:03
 Time Off Btm: 2016.10.10 @ 08:20:17

TEST COMMENT: 30-IFP-strg bl in 30 sec
 45-ISIP-surface bl bk
 45-FFP-strg bl in 2 min
 60-FSIP-surface bl bk



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1763.83	100.40	Initial Hydro-static
3	319.64	100.45	Open To Flow (1)
33	810.95	110.49	Shut-In(1)
77	935.89	109.80	End Shut-in(1)
78	814.07	109.73	Open To Flow (2)
124	934.64	108.94	Shut-In(2)
188	936.79	108.16	End Shut-in(2)
192	1754.57	108.67	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
372.00	Water	3.07
186.00	HO&GCW 10%G30%O60%W	2.61
434.00	GWO 20%G20%W60%O	6.09
806.00	GW&MCO20%G10%W20%M50%O	11.31
410.00	HO&GCM20%G30%O50%M	5.75
0.00	80'GIP	0.00

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



OCT 24 2016

PAGE	CUST	YARD #	INVOICE DATE
1 of 1	1004542	1718	10/18/2016
INVOICE NUMBER			
92251885			

Pratt (620) 672-1201
 B VESS OIL CORPORATION
 I 1700 WATERFRONT PKWY BLDG 500
 L WICHITA
 L KS US 67206
 T
 O **ATTN:** ACCOUNTS PAYABLE

J LEASE NAME Earl Suitor 11
O LOCATION
B COUNTY Rooks
S STATE KS
I JOB DESCRIPTION Cement-New Well Casing/Pi
T
E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40973084	27463		Net - 30 days	11/17/2016

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 10/11/2016 to 10/11/2016				
0040973084				
171813441A Cement-New Well Casing/Pi 10/11/2016				
Cement 5 1/2 Longstring				
AA2 Cement	150.00	EA	8.16	1,224.00 T
60/40 POZ	50.00	EA	5.76	288.00 T
A-Con Blend Common	235.00	EA	8.64	2,030.40 T
C-41P	29.00	EA	1.92	55.68 T
Salt	678.00	EA	0.24	162.72 T
FLA-322	113.00	EA	3.60	406.80 T
Gilsonite	900.00	EA	0.32	289.44 T
Mud Flush	500.00	EA	0.72	360.00 T
Celloflake	59.00	EA	1.78	104.78 T
Calcium Chloride	663.00	EA	0.50	334.15 T
"Two Stage Cement Collar, 5 1/2" (Blue)	1.00	EA	2,160.00	2,160.00
"Cmt. Shoe Packer Type, 5 1/2" (Blue) "	1.00	EA	1,344.00	1,344.00
"Turbolizer, 5 1/2" (Blue)"	8.00	EA	52.80	422.40
"5 1/2" Basket (Blue)"	2.00	EA	139.20	278.40
"Unit Mileage Chg (PU, cars one way)"	100.00	MI	2.16	216.00
Heavy Equipment Mileage	300.00	MI	3.60	1,080.00
"Proppant & Bulk Del. Chgs., per ton mil	2,025.00	EA	1.20	2,430.00
Blending & Mixing Service Charge	435.00	BAG	0.67	292.32
Plug Container Util. Chg.	1.00	EA	120.00	120.00
Depth Charge; 3001-4000'	1.00	EA	1,036.80	1,036.80
"Service Supervisor, first 8 hrs on loc.	1.00	EA	84.01	84.01

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	14,719.90
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	367.92
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	15,087.82
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 13441 A

DATE _____ TICKET NO. _____

DATE OF JOB: 10-11-16		DISTRICT: Pratt		NEW WELL <input type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:				
CUSTOMER: V-SS OIL CORPORATION				LEASE: Earl Switzer		WELL NO.: 11				
ADDRESS:				COUNTY: Rooks		STATE: KS				
CITY:				STATE:		SERVICE CREW: [unclear]				
AUTHORIZED BY:				JOB TYPE: C&W 5% D.V. Logging						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
27463	4.5						10-10-16			4:30
						ARRIVED AT JOB				8:00
19860	.5					START OPERATION	10-11-16			12:00
						FINISH OPERATION				4:15
19918	.5					RELEASED				5:15
						MILES FROM STATION TO WELL				100

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Roger Martin*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA-2 2mi	SK	150		2,550.00
CP101	A. con blank	SK	235		4,230.00
CP103	60/40 P02	SK	50		600.00
CC105	C-411	lb	29		116.00
CC111	Salt	lb	678		339.00
CC201	Gilsumin	lb	900		603.00
CC129	FTA 322	lb	113		847.50
CC102	Collofink	lb	59		218.30
CC109	Automer Chloride	lb	663		696.15
CF451	Two Stage emul tool 5 1/2	EA	1		4,500.00
CF1051	emul pack 5 1/2	EA	1		2,800.00
CF1651	7-11/16 1/2 5 1/2	EA	8		880.00
CF1901	BASEX 5 1/2	EA	2		580.00
CC151	MAR F1454	SAI	500		750.00

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: *Mike Muttal*
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Roger Martin*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer VASS OIL CORPORATION	Lease No.	Date 10-11-16
Lease EART SHUTOR	Well # 11	
Field Order # 13401	Station PRATT	Casing 5 1/2
		Depth 3770.26
Type Job CAW 5 1/2 TWO STAG LONG STRING	Formation	County ROCKS
		State KS
		Legal Description 12-105-300

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
3 1/2				CAW 150 SLS AA-2			5 Min.	
Depth 3770.26	Depth	From	To	Pre Pad	Max		10 Min.	
Volume 89.7	Volume	From	To	Pad	Min		15 Min.	
Max Press 2000	Max Press	From	To	Frac	Avg		HHP Used	
Well Connection	Annulus Vol.	From	To				Annulus Pressure	
Plug Depth 3770.24	Packer Depth	From	To	Flush 88.6	Gas Volume		Total Load	

Customer Representative ROSE, MARTIN	Station Manager Kevin Guidry	Treater Mik Mattal
Service Units 37586	19889	19918
Driver Names MATTAL	McGraw	ERNEST

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00 AM					ON LOCATION / SAFETY MEETING
9:10					Run 5 1/2 casing w/ PACER 5400
					Tubing on 2, 3, 4, 8, 10, 12, 16, 50
					Packer on 6.47 DV tool 48
					DV @ 1681.77
10:33					Casing on bottom
10:45					Hook to casing / Break Circ w Rig
12:05	2,000				Set PACER 5400
12:09	350		12	5	Pump 500 gallons mud flush
12:12	350		36	5	Mix 150 SLS AA-2 CAW
12:20			3	4	WASH PUMP + Lines; release plug
12:25	200		49	6.5	START DISPLACEMENT (water)
12:34	200			6	START MUD DISPLACEMENT
12:36	400		60	6	LIKE PRESSURE
12:39	600		80	3	Slow rate
12:41	1500		88.6		Plug down, released + hold
12:45					DROP OPENING TOOL
12:59	1300				Open P.V. Tool
1:10					Circulate w. Rig

TREATMENT REPORT

Customer: *Voss Oil Corporation* Lease No. _____ Date: *10-11-16*
Lease: *East Sulfur* Well # _____
Field Order # _____ Station: *PIOTT* Casing _____ Depth _____ County _____ State _____
Type Job: *NEW 5 1/2 DV long string* Formation _____ Legal Description _____

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid <i>MIX 235 SLS</i>	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative _____ Station Manager _____ Treater _____

Service Units _____
Driver Names _____

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:42	300			6	MIX 235 SLS A-CO1
4:03			3	4	WASH Pump + LSS / release plug
4:07	400			5.5	START Displacement
4:13	500		30	3	SLOW RATE
4:05	1,500		40		Plug DOWN released + held
					circulated cement TO PIT
				7.5	Plug RAT + mouse hole

JOB COMPLETE
Thank You!
Mike Mottal
Mike, Shawn, Rocky

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WELL DRILLING RECORD

Lease: Earl Sutor

Well: #11

Location: 90'E E/2 NW SE
E/2 E/2 NW SE Sec. 12-10S-20W
1980' FSL & 1560' FEL
Rooks County, KS

Elevation: 2228' GL
2236' KB

Estimated Tops	Earl Sutor #11				Earl Sutor #10			
	Samples		Log Tops		Prognosis KB 2236'		KB 2237'	
Zone:	Depth	(Datum)	Depth	(Datum)	Depth	(Datum)	Depth	(Datum)
Anhydrite	1651	(+585)						
Base Anhydrite	1689	(+547)						
Topeka	3224	(-988)						
Oread	3370	(-1134)						
Plattsmouth								
Heebner	3431	(-1195)						
Lansing	3468	(-1232)						
Stark	3649	(-1413)						
B/KC	3681	(-1446)						
Arbuckle	3764	(-1528)						
RTD	3768	(-1532)						

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DST #1

GENERAL INFORMATION:

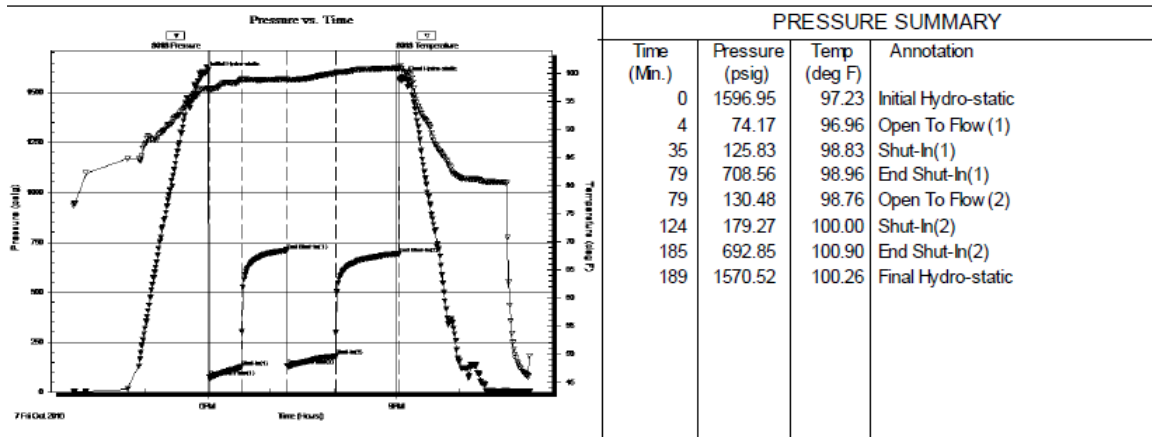
Formation: Oread / Plattsmouth
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:01:25
 Time Test Ended: 23:07:39
 Interval: 3350.00 ft (KB) To 3413.00 ft (KB) (TVD)
 Total Depth: 3413.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ray Schwager
 Unit No: 77
 Reference Elevations: 2236.00 ft (KB)
 2228.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 179.27 psig @ 3356.00 ft (KB)
 Start Date: 2016.10.07 End Date: 2016.10.07
 Start Time: 15:51:00 End Time: 23:07:39
 Capacity: 8000.00 psig
 Last Calib.: 2016.10.07
 Time On Btm: 2016.10.07 @ 17:57:40
 Time Off Btm: 2016.10.07 @ 21:06:39

TEST COMMENT: 30-IFP-w k to a gd bl 1/2" to 7" bl
 45-ISIP-no bl
 45-FFP-w k to a fr bl 1/4" to 5" bl
 60-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1596.95	97.23	Initial Hydro-static
4	74.17	96.96	Open To Flow (1)
35	125.83	98.83	Shut-In(1)
79	708.56	98.96	End Shut-In(1)
79	130.48	98.76	Open To Flow (2)
124	179.27	100.00	Shut-In(2)
185	692.85	100.90	End Shut-In(2)
189	1570.52	100.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	Water	1.32
144.00	WM40%W60%M w/show of oil	1.16
0.00	Fluid sample in tool 1%O10%M89%W	0.00

Gas Rates

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

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DST #2

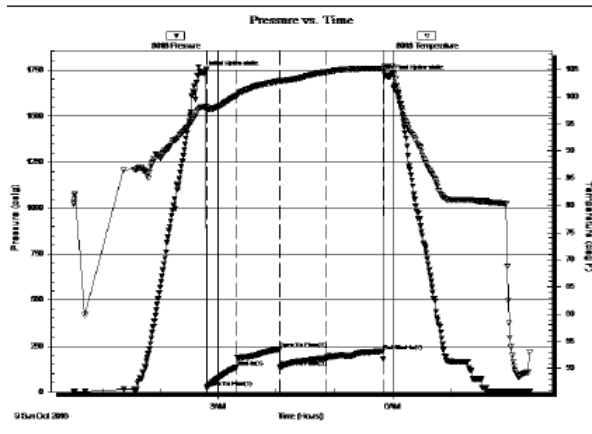
GENERAL INFORMATION:

Formation: LKC H-L
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:48:27
 Time Test Ended: 08:22:11
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 77
 Interval: 3584.00 ft (KB) To 3687.00 ft (KB) (TVD)
 Total Depth: 3413.00 ft (KB) (TVD)
 Reference Elevations: 2236.00 ft (KB)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 KB to GR/CF: 8.00 ft
 2228.00 ft (CF)

Serial #: 8018

Inside
 Press@RunDepth: 134.27 psig @ 3590.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.10.09 End Date: 2016.10.09 Last Calib.: 2016.10.09
 Start Time: 00:30:17 End Time: 08:22:11 Time On Btm: 2016.10.09 @ 02:45:27
 Time Off Btm: 2016.10.09 @ 05:56:26

TEST COMMENT: 30-IFP-w k to a gd bl 1/2" to 9" bl
 45-ISP-no bl bk
 45-FFP-w k bl thru-out 1/4" to 3" bl
 60-FSIP-no bl bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1734.38	98.11	Initial Hydro-static
3	23.94	97.52	Open To Flow (1)
34	134.27	100.19	Shut-In(1)
79	234.46	102.87	Open To Flow (2)
79	135.59	102.84	Open To Flow (3)
126	182.53	104.56	Shut-In(2)
185	221.72	105.18	End Shut-In(1)
191	1716.02	105.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	SOCMW 3%O30%M67%W	1.32
124.00	SOCMW 3%O40%M57%W	0.88
35.00	SOCWM 2%O40%W48%M	0.49
0.00	Tool Sample 5%O45%W50%M	0.00

Gas Rates

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

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DST #3

GENERAL INFORMATION:

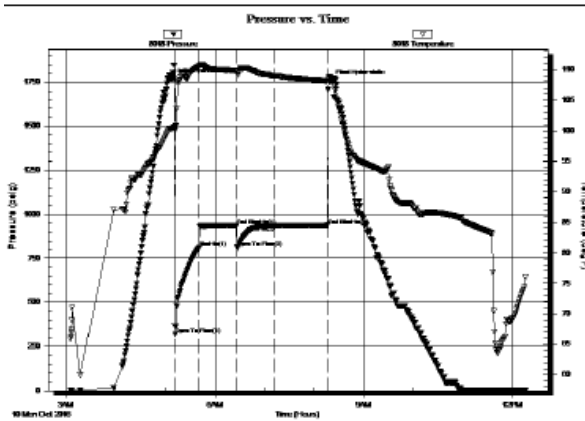
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:11:48
 Time Test Ended: 12:15:33
 Interval: 3667.00 ft (KB) To 3768.00 ft (KB) (TVD)
 Total Depth: 3768.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 77
 Reference Elevations: 2236.00 ft (KB)
 2228.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 934.64 psig @ 3673.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.10.10 End Date: 2016.10.10 Last Calib.: 2016.10.10
 Start Time: 03:05:38 End Time: 12:15:33 Time On Btm: 2016.10.10 @ 05:09:03
 Time Off Btm: 2016.10.10 @ 08:20:17

TEST COMMENT: 30-IFP-strg bl in 30 sec
 45-ISIP-surface bl bk
 45-FFP-strg bl in 2 min
 60-FSIP-surface bl bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1763.83	100.40	Initial Hydro-static
3	319.84	100.45	Open To Flow (1)
33	810.95	110.49	Shut-In(1)
77	935.89	109.80	End Shut-In(1)
78	814.07	109.73	Open To Flow (2)
124	934.64	108.94	Shut-In(2)
188	936.79	108.16	End Shut-In(2)
192	1754.57	108.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
372.00	Water	3.07
186.00	HO&GCW 10%G30%O60%W	2.61
434.00	GWO 20%G20%W60%O	6.09
806.00	GW&MCO20%G10%W20%M50%O	11.31
410.00	HO&GCM20%G30%O50%M	5.75
0.00	80'GIP	0.00

Gas Rates

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

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