



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1071734
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

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

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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

1071734

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

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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

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

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

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: 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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY VESS OIL CORPORATION
LEASE YOUNGER #2
FIELD Codell
LOCATION 1040' FSL & 330' FWL
SECTION 7 TOWNSHIP 10S RANGE 16W
COUNTY ROOKS STATE KANSAS

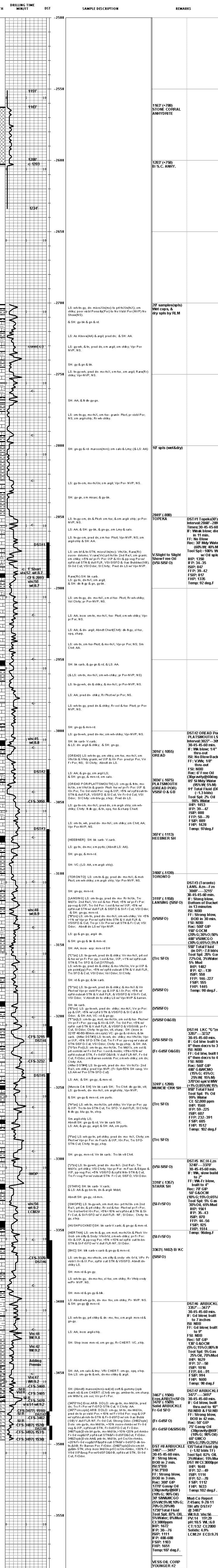
ELEVATIONS
KB 1961' GL 1953'
Measurements Are All
From KB: 1961'
API 15-163-23982-00-00

CONTRACTOR Maverick Drilg. Rig #108
SPUD 9-20-11 COMP 9-29-11
RTD 3497'(-1536) LTD 3493'(-1532)
LOG-TECH: DIL, ELECTRICAL SURVEYS
CNL/CDL, MEL

CASING
SURFACE 9&5/8" set @ 233' KB
w/ 160 sx - circ.
PRODUCTION 5&1/2" set @
3473' w/150 sx.

FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
ANHYDRITE/S.C.	1169' (+802)	1163' (+788)	09-20-11 MIRU; Spud Well; Set 8&5/8" csg @ 233' w/160 sx. Tally 223; Plug down @ 9:30 PM
BASE ANHY/S.C.	1161' (+770)	1203' (+758)	09-21-11 DRLS @ 320'
TOPEKA	2852' (-891)	2849' (-888)	09-22-11 DRLS @ 2110'
OREAD	3020' (-1059)	3016' (-1055)	09-23-11 RTD 2883' Running short trip; Ran DST #1
PLATSMOUTH POR	3040' (-1079)	3038' (-1075)	09-24-11 RTD 3050' Ran DST #2
HEEBNER SH	3077' (-1116)	3074' (-1113)	09-25-11 RTD 3215' Ran DST #3
TORONTO	3102' (-1141)	3100' (-1139)	09-26-11 RTD 3229' Ran DST #4
LANSING	3120' (-1159)	3119' (-1158)	09-27-11 RTD 3477' Ran DST #5; Preparing for DST #6
MUNCIE CREEK SH	3251' (-1290)	3249' (-1288)	Ran DST #7
B/KC	3362' (-1401)	3353' (-1402)	09-29-11 RTD 3497' Ran DST #8;
EROS ARBUCKLE DOLO	3469' (-1508)	3470' (-1509)	
SOLID ARBUCKLE DOLO	3797' (-1536)	3793' (-1532)	
LTD/RTD			

REMARKS:
TIH to condition; TOH w/DP; LogTech ran DI, ND, ML, LTD 3493'.
TIH w/DP. Condition hole for 90 min. TOH & layed down DP.
TIH w/formation packer shoes, shoes joint latch down plug and total of 84 lbs 5&1/2" 15.5W J-55 API Boomerang casing.
Tagged solid bottom 5 times @ 3497' Pulled up and set casing 22' off bottom at 3473'.
Circ 1 hr. Allied cement w/500 gal mud flush, 150 cc ASC w/10% salt, 2% gel, 1/4M/K floccula. Displaced w/81.5 BF/W. Plug landed w/1500 psi and held. Good returns throughout.
Set slips, Ran 3 centralizers and 2 baskets (1 above the LKC and 1 below the FC). 1169' Rath hole plug w/50 cc.
Respectfully submitted,
Roger L. Martin, Geologist (Well-site)



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



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

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

Sam Brownback, Governor

January 12, 2012

Patrick T. Canaday
Vess Oil Corporation
1700 WATERFRONT PKWY BLDG 500
WICHITA, KS 67206-6619

Re: ACO1
API 15-163-23982-00-00
Younger 2
SW/4 Sec.07-10S-16W
Rooks County, Kansas

Dear Production Department:

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

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

Respectfully,
Patrick T. Canaday

ATTACHMENT TO ACO-1

Younger #2
50' N NW SW SW
 Sec 7-10S-16W
 Rooks County, KS

		SAMPLES	LOG TOPS
ANHYDRITE	Rig Est	1161 (+800)	1159 +802
BASE ANH		1191 (+770)	1192 +769
TOPEKA		2849 (-888)	2852 -891
OREAD		3016 (-1055)	3020 -1059
PLATTS POR		3036 (-1075)	3040 -1079
HEEBNER		3074 (-1113)	3077 -1116
TORONTO		3100 (-1139)	3102 -1141
LANSING		3119 (-1158)	3120 -1159
Muncie CREEK		3249 (-1288)	3251 -1290
STARK		3318 (-1357)	3319 -1358
BKC		3363 (-1402)	3362 -1401
Eros ARB		3467 (-1506)	
ARBUCKLE		3470 (-1509)	3468 -1507
RTD		3497 (-1536)	3497 -1536
LTD		3493 (-1532)	3493 -1532

DST #1 2868-93' **Zone: TOPEKA**
Times: 30-45-30-45
1st open: Weak (dead in 11 min)
2nd open: no blow
Rec.: 30' MW (40% mus, 60% wtr) Cl – 18,000 ppm
 Tool – 100% wtr w/oil specks
IHP: 1350 **FHP: 1335**
IFP: 34-35 **FFP: 39-42**
ISIP: 847 **FSIP: 819** **TEMP: 92F**

DST #2 3027-50' **Zone: Plattsmouth**
Times: 30-45-45-60
1st open: Weak – 1/4" blow
2nd open: Very Weak – 1/8" blow
Rec.: 6' FO; 85' MW (5% mud, 95% wtr) Cl – 24,000 ppm
IHP: 1453 **FHP: 1428**
IFP: 39-47 **FFP: 50-70**
ISIP: 888 **FSIP: 889** **TEMP: 97F**

DST #3 3069-3215' **Zone: Tor – G upper**

Times: 30-45-45-60
1st open: Strong (BOB – 13 min)
2nd open: Strong (BOB – 30 min)
Rec.: 500' GIP; 150' G&OCM (20% gas, 30% oil, 50% mud); 400'
VSIMCGO (5% mud, 30% gas, 65% oil)
Tool – 3% wtr, 5% mud, 20% gas, 72% oil
IHP: 1482 FHP: 1445
IFP: 42-139 FFP: 146-227
ISIP: 558 FSIP: 555 TEMP: 96F

DST #4 3207-3232' Zone: G zone
Times: 30-45-45-60
1st open: Good (built to 8" then dec to 3")
2nd open: Good (built to 6" then dec to 4")
Rec.: 560' GIP; 480' G&WCMO (15% gas, 25% wtr, 15% mud, 45% oil); 370'
Oil spkd MW (15% mud, 85% wtr) CI – 52,999 ppm
IHP: 1560 FHP: 1512
IFP: 59-225 FFP: 232-391
ISIP: 607 FSIP: 605 TEMP: 102F

DST #5 3240 – 3370" Zone: H - L zones
Times: 30-45-45-60
1st open: Weak (built to 2")
2nd open: Good (built to 4")
Rec.: 70' GIP; 55' G&OCM (10% gas, 15% oil, 75% mud)
Tool – 5% gas, 30% oil, 65% mud
IHP: 1561 FHP: 1514
IFP: 35-43 FFP: 44-56
ISIP: 870 FSIP: 925 TEMP: 96F

DST #6 3357 – 3477' Zone: Arbuckle – 7'p
Times: 30-45-45-60
1st open: Good (built to 7")
2nd open: Good (built to 9")
Rec.: 50' GIP; 130' G&OCM (5% gas, 15% oil, 80% mud)
Tool – 5% gas, 25% oil, 75% mud
IHP: 1629 FHP: 1600
IFP: 37-58 FFP: 64-91
ISIP: 1016 FSIP: 994 TEMP: 98F

DST #7 3477 – 3487' Zone: Arbuckle – 17' p

Times: 30-45-45-60
1st open: Good (built to 10"); NO BOB
2nd open: Good (BOB 42 min)
Rec.: 50' GIP; 75' GO (10% gas, 90% oil – 38 grav – 60F);
60' G&MCO (10% gas, 70% oil, 20% mud); TF – 135'
Tool – 3% wtr – Cl – 3000 ppm; 15% mud, 82% oil
IHP: 1648 FHP: 1633
IFP: 32-49 FFP: 52-78
ISIP: 1114 FSIP: 1112 TEMP: 102F

DST #8 3487 – 3497' Zone: Arbuckle – 27' p
Times: 30-45-45-60
1st open: Strong BOB 2 min
2nd open: Strong BOB 3 min
Rec.: 300' GIP; 1770' GO (10% gas, 90% oil – 38 grav – 60F);
30' SLW&MCGO (5% wtr, 5% mud, 10% gas, 80% oil); TF–1730'
Tool – 5% wtr – Cl – 3000 ppm; 8% mud, 87% oil
IHP: 1672 FHP: 1651
IFP: 76-388 FFP: 400-688
ISIP: 1111 FSIP: 1103 TEMP: 107F



DRILL STEM TEST REPORT

Prepared For: **Vess Oil Corporation**

1700 Waterfront Parkway Bldg
500 Witchia Kansas 67206+
6619

ATTN: Roger Martin

35/10S/19W Rooks

Casey #3

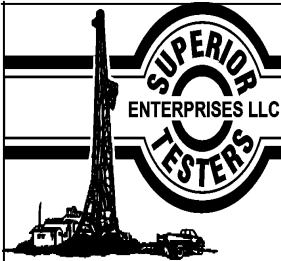
Start Date: 2011.10.07 @ 06:49:00

End Date: 2011.10.07 @ 13:05:00

Job Ticket #: 18682 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2011.10.07 @ 01:21:01



DRILL STEM TEST REPORT

Vess Oil Corporation

Casey #3

1700 Waterfront Parkway Bldg
500 Witchia Kansas 67206+
6619
ATTN: Roger Martin

35/10S/19W Rooks

Job Ticket: 18682

DST#: 1

Test Start: 2011.10.07 @ 06:49:00

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:26:30

Time Test Ended: 13:05:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345/Great Bend/190

Interval: 3092.00 ft (KB) To 3117.00 ft (KB) (TVD)

Reference Elevations: 2140.00 ft (KB)

Total Depth: 3117.00 ft (KB) (TVD)

2133.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6666 Outside

Press @ Run Depth: 59.83 psia @ 3114.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.10.07 End Date: 2011.10.07

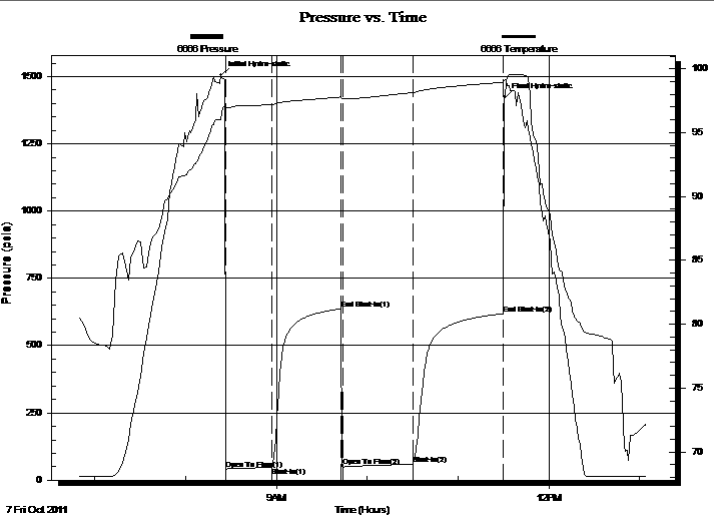
Last Calib.: 2011.10.07

Start Time: 06:49:00 End Time: 13:05:00

Time On Btm: 2011.10.07 @ 08:23:30

Time Off Btm: 2011.10.07 @ 11:31:00

TEST COMMENT: 1ST Opening 30 Minutes very weak blow/blow blew 0.50 inches into bucket of water
1ST Shut-In 45 Minutes no blow back
2ND Opening 45 Minutes open tool/blow dead at first/then blew for 7 minutes and died
2ND Shut-In 60 Minutes no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1505.55	96.05	Initial Hydro-static
3	40.49	96.85	Open To Flow (1)
34	48.21	97.20	Shut-In(1)
79	636.84	97.78	End Shut-In(1)
81	50.19	97.64	Open To Flow (2)
127	59.83	98.14	Shut-In(2)
186	618.28	98.94	End Shut-In(2)
188	1422.18	99.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Lightly Oil cut Watery Mud	0.63
0.00	20% Oil 30% Water 50% Mud	0.00
0.00	Chlorides 35,000.0	0.00
0.00	Resistivity was .20 @ 78 degrees	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Vess Oil Corporation
 1700 Waterfront Parkway Bldg
 500 Witchia Kansas 67206+
 6619
 ATTN: Roger Martin

Casey #3
35/10S/19W Rooks
 Job Ticket: 18682 **DST#: 1**
 Test Start: 2011.10.07 @ 06:49:00

GENERAL INFORMATION:

Formation: **Topeka**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 08:26:30
 Tester: Dylan E Ellis
 Time Test Ended: 13:05:00
 Unit No: 3345/Great Bend/190
 Interval: **3092.00 ft (KB) To 3117.00 ft (KB) (TVD)**
 Reference Elevations: 2140.00 ft (KB)
 Total Depth: 3117.00 ft (KB) (TVD)
 2133.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 7.00 ft

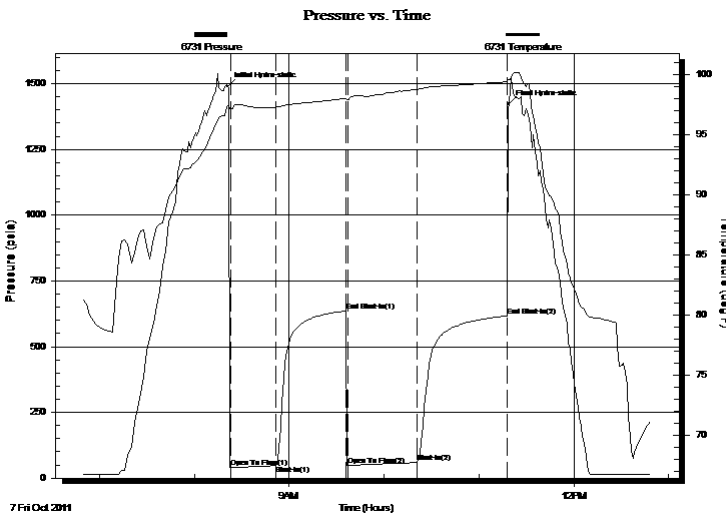
Serial #: 6731

Inside

Press @ Run Depth: 617.15 psia @ 3113.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.10.07 End Date: 2011.10.07 Last Calib.: 2011.10.07
 Start Time: 06:49:00 End Time: 12:49:00 Time On Btm: 2011.10.07 @ 08:21:00
 Time Off Btm: 2011.10.07 @ 11:19:00

TEST COMMENT: 1ST Opening 30 Minutes very weak blow/blow blew 0.50 inches into bucket of water
 1ST Shut-In 45 Minutes no blow back
 2ND Opening 45 Minutes open tool/blow dead at first/then blew for 7 minutes and died
 2ND Shut-In 60 Minutes no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1489.90	97.43	Initial Hydro-static
2	40.27	97.21	Open To Flow (1)
31	47.19	97.32	Shut-In(1)
75	637.24	98.03	End Shut-In(1)
76	47.66	97.93	Open To Flow (2)
120	59.59	98.80	Shut-In(2)
177	617.15	99.42	End Shut-In(2)
178	1422.55	99.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Lightly Oil cut Watery Mud	0.63
0.00	20% Oil 30% Water 50% Mud	0.00
0.00	Chlorides 35,000.0	0.00
0.00	Resistivity was .20 @ 78 degrees	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Vess Oil Corporation
 1700 Waterfront Parkway Bldg
 500 Witchia Kansas 67206+
 6619
 ATTN: Roger Martin

Casey #3
35/10S/19W Rooks
 Job Ticket: 18682 **DST#: 1**
 Test Start: 2011.10.07 @ 06:49:00

Tool Information

Drill Pipe:	Length: 3084.00 ft	Diameter: 3.80 inches	Volume: 43.26 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 37000.00 lb
			<u>Total Volume: 43.26 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3092.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	54.00 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			3064.00	
Shut-In Tool	5.00			3069.00	
Hydroic Tool	5.00			3074.00	
Jars	6.00			3080.00	
Safety Joint	2.00			3082.00	
Packer	5.00			3087.00	29.00 Bottom Of Top Packer
Packer	5.00			3092.00	
Perforations	20.00			3112.00	
Recorder	1.00	6731	Inside	3113.00	
Recorder	1.00	6666	Outside	3114.00	
Bullnose	3.00			3117.00	25.00 Bottom Packers & Anchor

Total Tool Length: 54.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Vess Oil Corporation

Casey #3

1700 Waterfront Parkway Bldg
 500 Witchia Kansas 67206+
 6619
 ATTN: Roger Martin

35/10S/19W Rooks

Job Ticket: 18682 **DST#: 1**
 Test Start: 2011.10.07 @ 06:49:00

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:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 4.80 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 1500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

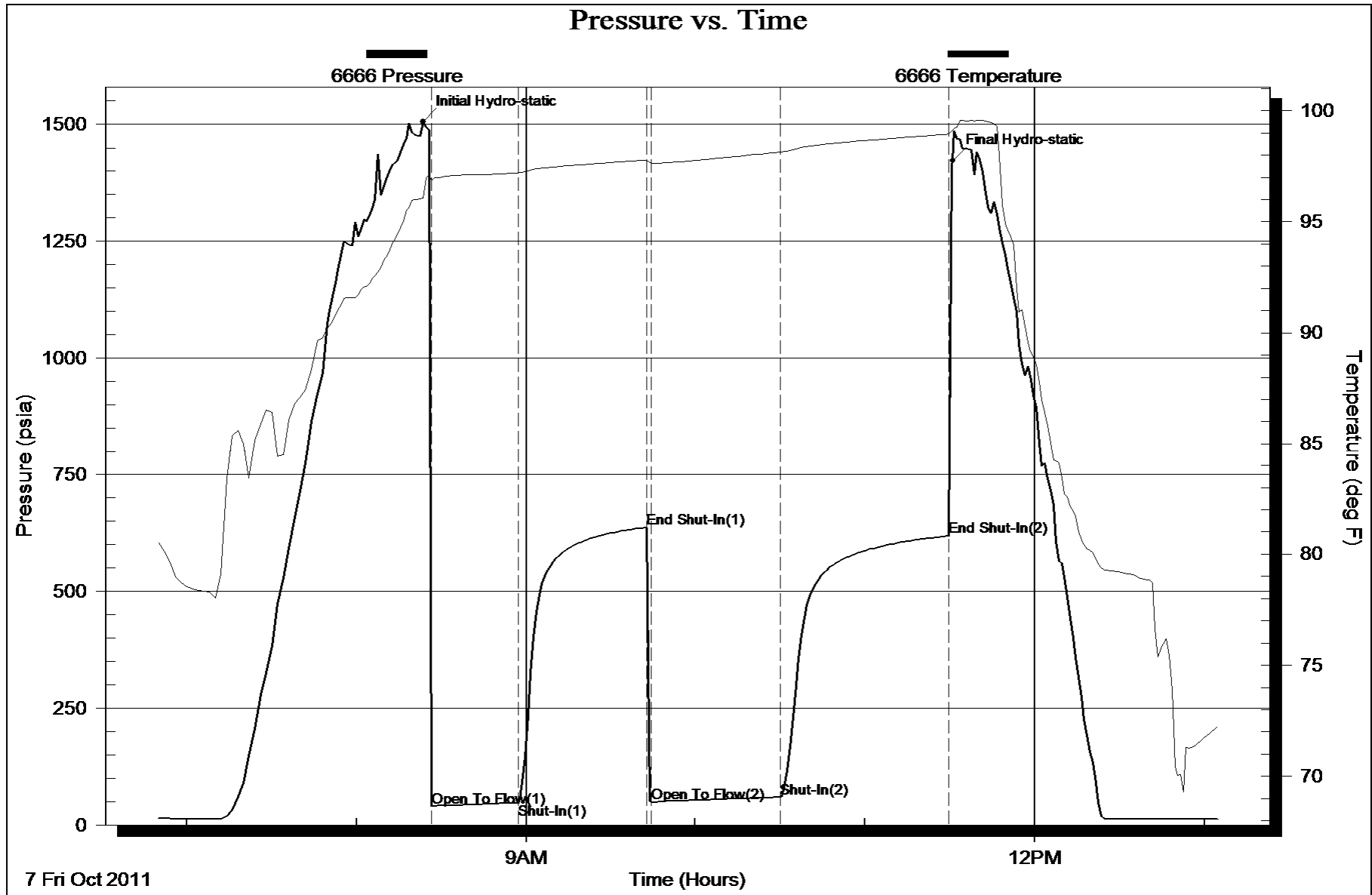
Length ft	Description	Volume bbl
45.00	Lightly Oil cut Watery Mud	0.631
0.00	20% Oil 30% Water 50% Mud	0.000
0.00	Chlorides 35,000.0	0.000
0.00	Resistivity was .20 @ 78 degrees	0.000

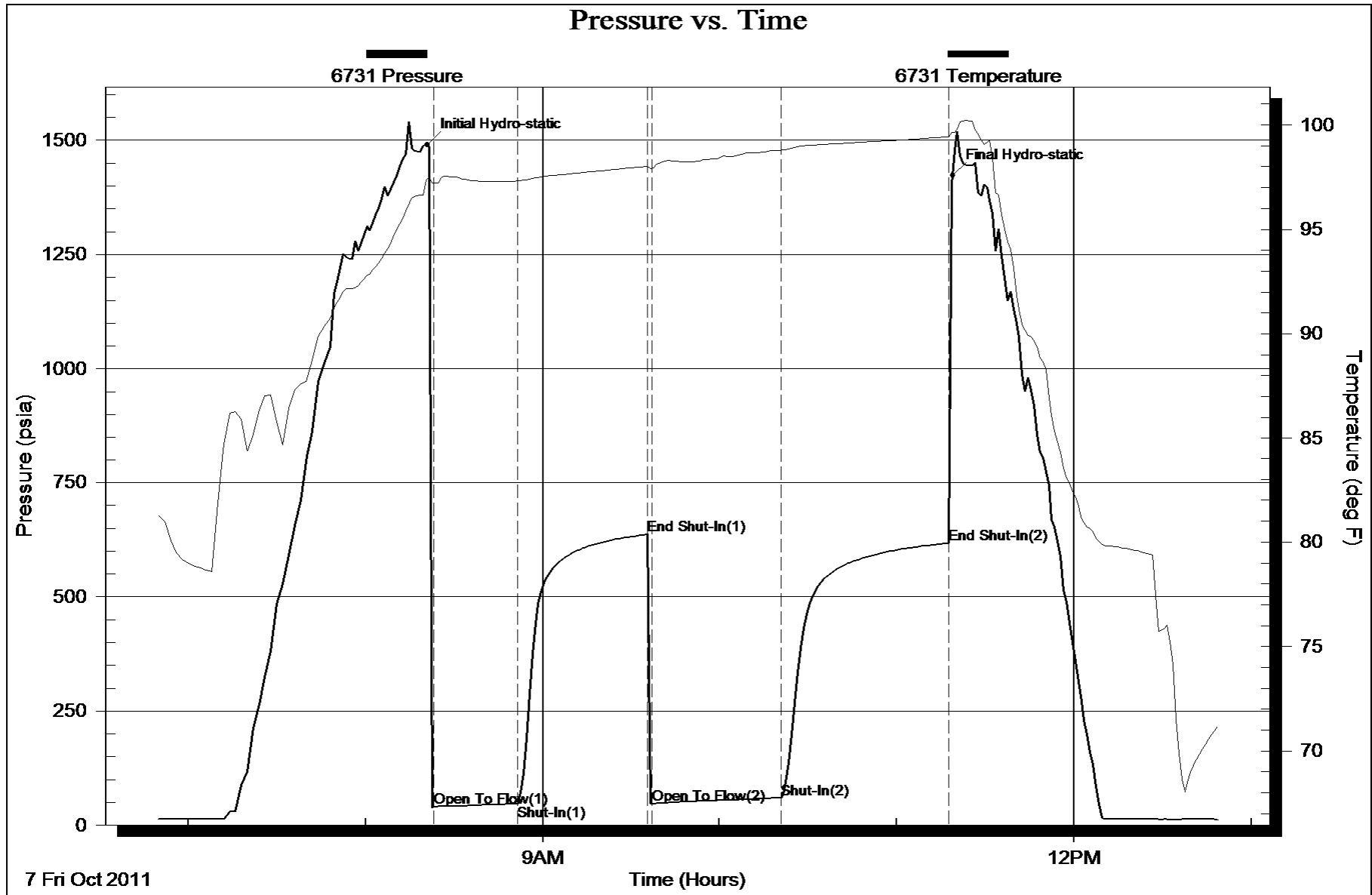
Total Length: 45.00 ft Total Volume: 0.631 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Vess Oil Corporation**

1700 Waterfront Parkway Bldg
500 Witchia Kansas 67206+
6619

ATTN: Roger Martin

35/10S/19W Rooks

Casey #3

Start Date: 2011.10.08 @ 01:30:00

End Date: 2011.10.08 @ 00:00:00

Job Ticket #: 18683 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2011.10.08 @ 09:07:32



DRILL STEM TEST REPORT

Vess Oil Corporation

Casey #3

1700 Waterfront Parkway Bldg
500 Witchia Kansas 67206+
6619
ATTN: Roger Martin

35/10S/19W Rooks

Job Ticket: 18683

DST#: 2

Test Start: 2011.10.08 @ 01:30:00

GENERAL INFORMATION:

Formation: **Oread-Toronto-Lansin**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345/Great Bend/190

Interval: 3210.00 ft (KB) To 3400.00 ft (KB) (TVD)

Reference Elevations: 2140.00 ft (KB)

Total Depth: 3400.00 ft (KB) (TVD)

2133.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6666 Outside

Press @ RunDepth: 859.02 psia @ 3396.39 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.10.09

End Date: 2011.10.09

Last Calib.: 2011.10.09

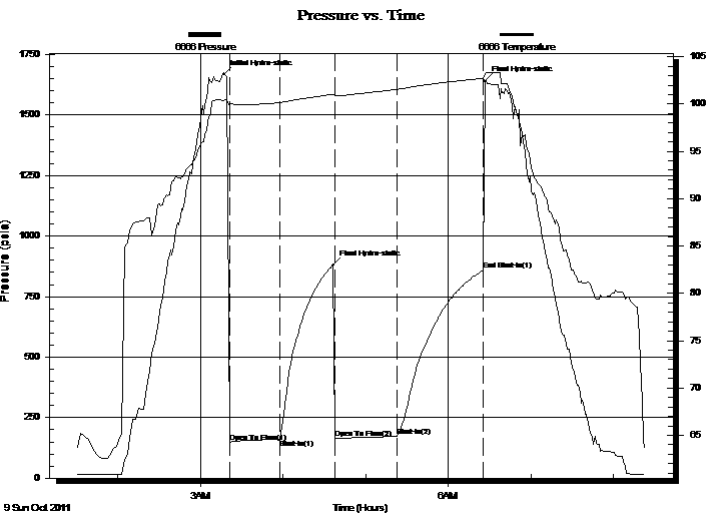
Start Time: 01:31:00

End Time: 08:22:30

Time On Btm: 2011.10.09 @ 03:17:00

Time Off Btm: 2011.10.09 @ 04:36:30

TEST COMMENT: 1ST Opening 30 Minutes good blow/blow blew 10.50 inches into bucket of water
1ST Shut-In 45 Minutes no blow back
2ND Opening 45 Minutes opened tool/blow dead/stayed dead through out open/w eak surface blow
2ND Shut-In 60 Minutes no blow back



PRESSURE SUMMARY

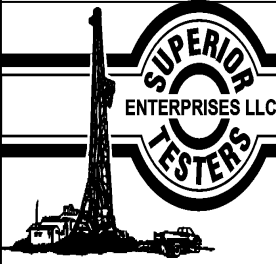
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1668.85	100.41	Initial Hydro-static
5	149.01	100.06	Open To Flow (1)
41	161.10	100.14	Shut-In(1)
80	879.33	101.03	Final Hydro-static
81	163.77	100.86	Open To Flow (2)
126	173.00	101.55	Shut-In(2)
189	859.02	102.72	End Shut-In(1)
190	1642.13	103.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
108.00	Oil cut Mud 10% Oil 90% Mud	1.51

Gas Rates

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



DRILL STEM TEST REPORT

Vess Oil Corporation

Casey #31700 Waterfront Parkway Bldg
500 Wichita Kansas 67206+
6619
ATTN: Roger Martin**35/10S/19W Rooks**

Job Ticket: 18683

DST#: 2

Test Start: 2011.10.08 @ 01:30:00

GENERAL INFORMATION:Formation: **Oread-Toronto-Lansin**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345/Great Bend/190

Interval: **3210.00 ft (KB) To 3400.00 ft (KB) (TVD)**

Reference Elevations: 2140.00 ft (KB)

Total Depth: 3400.00 ft (KB) (TVD)

2133.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6731**Inside**

Press @ Run Depth: 856.90 psia @ 3395.39 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.10.09

End Date:

2011.10.09

Last Calib.: 2011.10.09

Start Time: 01:31:00

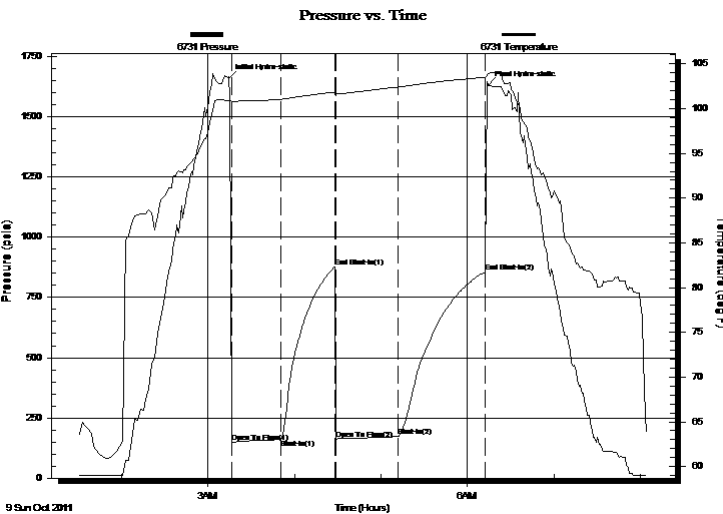
End Time:

08:04:30

Time On Btm: 2011.10.09 @ 03:14:30

Time Off Btm: 2011.10.09 @ 06:14:30

TEST COMMENT: 1ST Opening 30 Minutes good blow/blow blew 10.50 inches into bucket of water
1ST Shut-In 45 Minutes no blow back
2ND Opening 45 Minutes opened tool/blow dead/stayed dead through out open/w eak surface blow
2ND Shut-In 60 Minutes no blow back

**PRESSURE SUMMARY**

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1660.16	100.87	Initial Hydro-static
2	148.03	100.75	Open To Flow (1)
36	159.77	101.03	Shut-In(1)
74	878.19	101.84	End Shut-In(1)
75	162.79	101.68	Open To Flow (2)
118	172.03	102.41	Shut-In(2)
178	856.90	103.50	End Shut-In(2)
180	1631.16	103.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
108.00	Oil cut Mud 10% Oil 90% Mud	1.51

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Vess Oil Corporation
 1700 Waterfront Parkway Bldg
 500 Witchia Kansas 67206+
 6619
 ATTN: Roger Martin

Casey #3
35/10S/19W Rooks
 Job Ticket: 18683 **DST#: 2**
 Test Start: 2011.10.08 @ 01:30:00

Tool Information

Drill Pipe:	Length: 3210.00 ft	Diameter: 3.80 inches	Volume: 45.03 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	35000.00 lb
			<u>Total Volume: 45.03 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	3210.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	189.39 ft				
Tool Length:	218.39 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			3182.00	
Shut-In Tool	5.00			3187.00	
Hydroic Tool	5.00			3192.00	
Jars	6.00			3198.00	
Safety Joint	2.00			3200.00	
Packer	5.00			3205.00	29.00 Bottom Of Top Packer
Packer	5.00			3210.00	
Perforations	5.00			3215.00	
Change Over Sub	0.75			3215.75	
Drill Pipe	156.89			3372.64	
Change Over Sub	0.75			3373.39	
Perforations	21.00			3394.39	
Recorder	1.00	6731	Inside	3395.39	
Recorder	1.00	6666	Outside	3396.39	
Bullnose	3.00			3399.39	189.39 Bottom Packers & Anchor

Total Tool Length: 218.39



DRILL STEM TEST REPORT

FLUID SUMMARY

Vess Oil Corporation

Casey #3

1700 Waterfront Parkway Bldg
500 Witchia Kansas 67206+
6619

35/10S/19W Rooks

Job Ticket: 18683

DST#: 2

ATTN: Roger Martin

Test Start: 2011.10.08 @ 01:30:00

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:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 1900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
108.00	Oil cut Mud 10% Oil 90% Mud	1.515

Total Length: 108.00 ft Total Volume: 1.515 bbl

Num Fluid Samples: 0

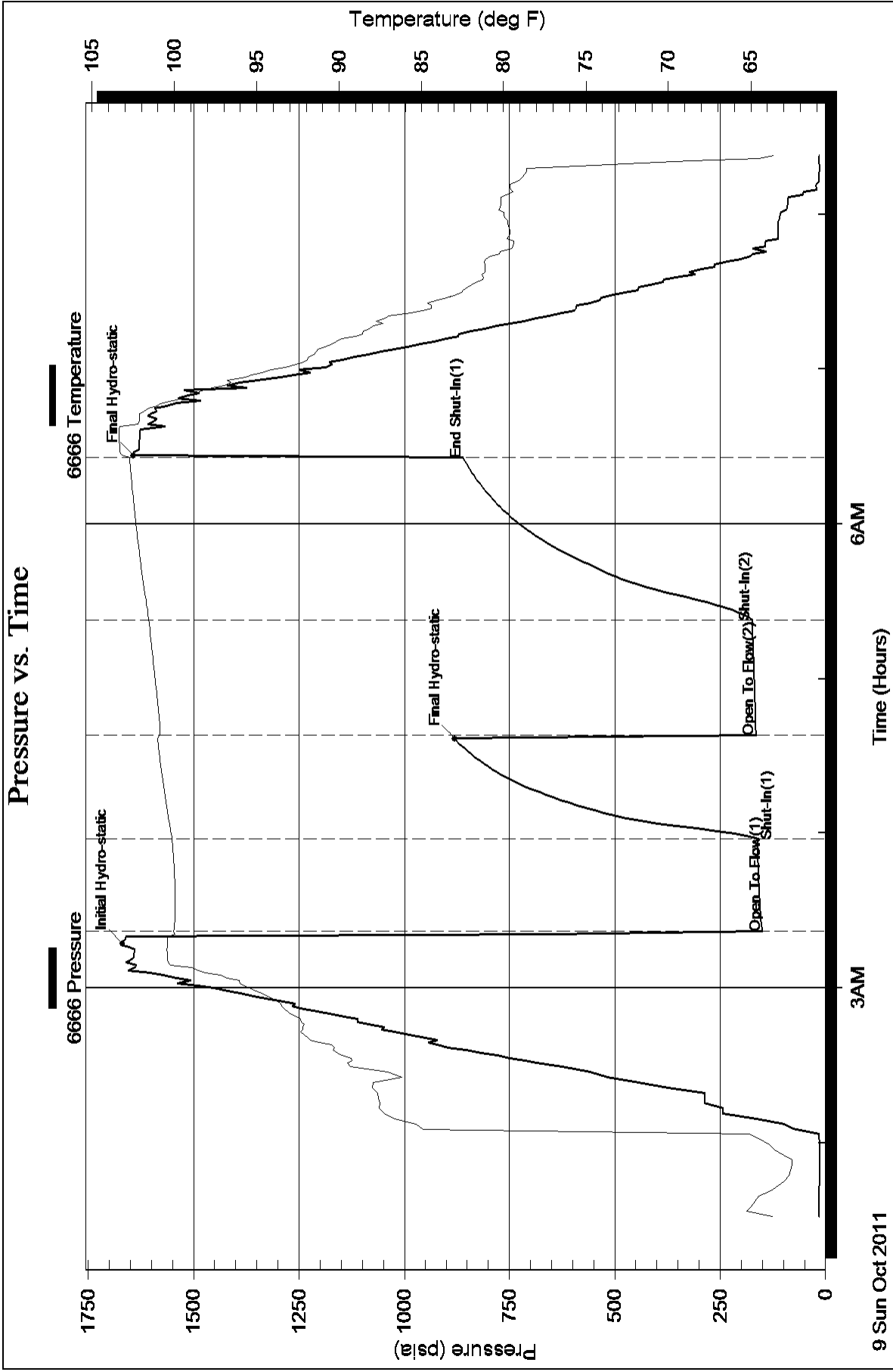
Num Gas Bombs: 0

Serial #:

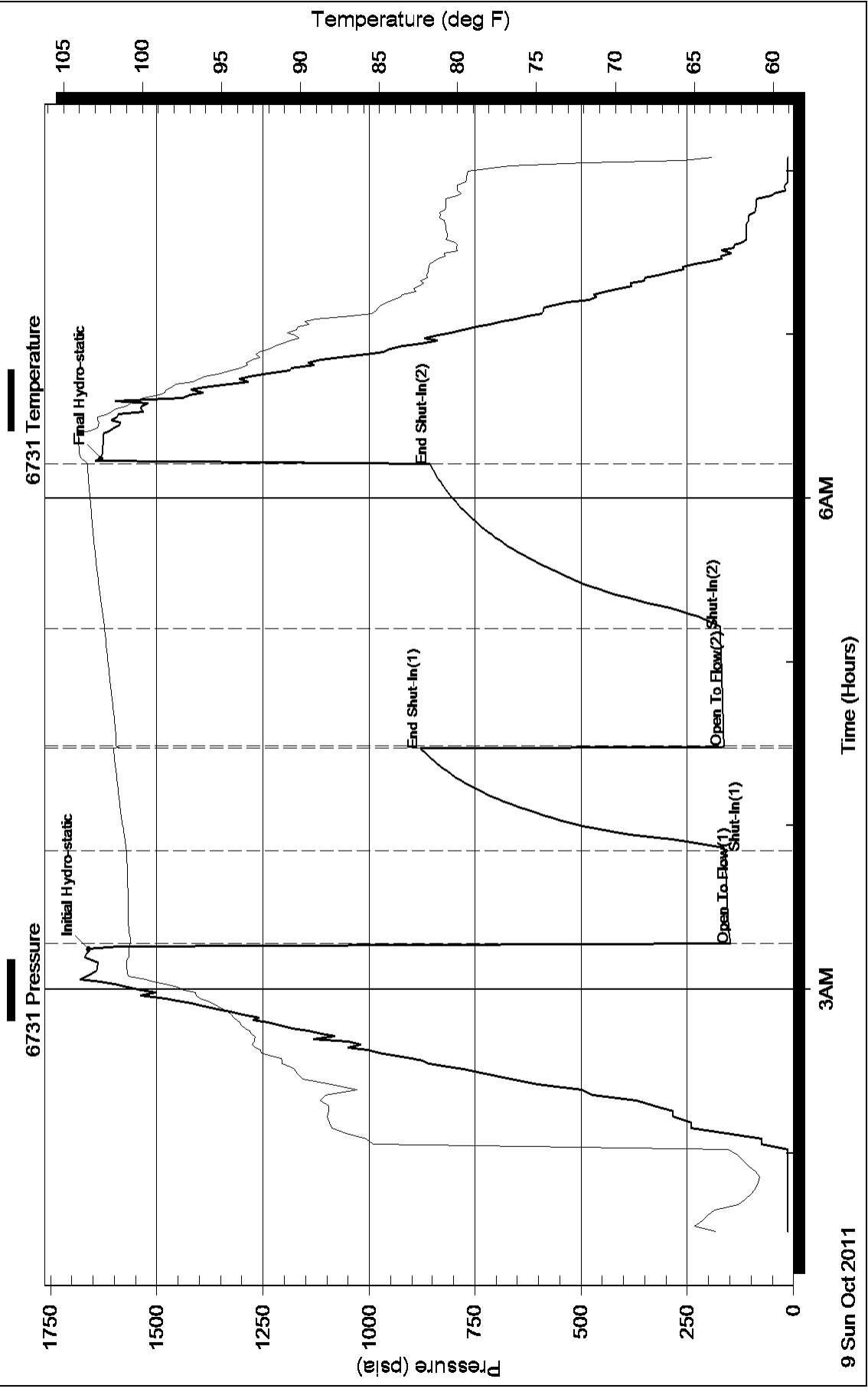
Laboratory Name:

Laboratory Location:

Recovery Comments:



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Vess Oil Corporation**

1700 Waterfront Parkway Bldg
500 Witchia Kansas 67206+
6619

ATTN: Roger Martin

35/10S/19W Rooks

Casey #3

Start Date: 2011.10.09 @ 04:49:00

End Date: 2011.10.09 @ 11:29:00

Job Ticket #: 18684 DST #: 3

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2011.10.09 @ 00:05:19

Vess Oil Corporation
Casey #3
35/10S/19W Rooks
DST # 3
Lansing " G " Zone
2011.10.09



DRILL STEM TEST REPORT

Vess Oil Corporation

Casey #3

1700 Waterfront Parkway Bldg
500 Witchia Kansas 67206+
6619
ATTN: Roger Martin

35/10S/19W Rooks

Job Ticket: 18684

DST#: 3

Test Start: 2011.10.09 @ 04:49:00

GENERAL INFORMATION:

Formation: **Lansing " G " Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:45:00

Time Test Ended: 11:29:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E. Ellis

Unit No: 3345/Great Bend/190

Interval: 3396.00 ft (KB) To 3420.00 ft (KB) (TVD)

Reference Elevations: 2140.00 ft (KB)

Total Depth: 3420.00 ft (KB) (TVD)

2133.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6666 Outside

Press @ RunDepth: 69.84 psia @ 3417.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.10.09

End Date: 2011.10.09

Last Calib.: 2011.10.09

Start Time: 04:49:00

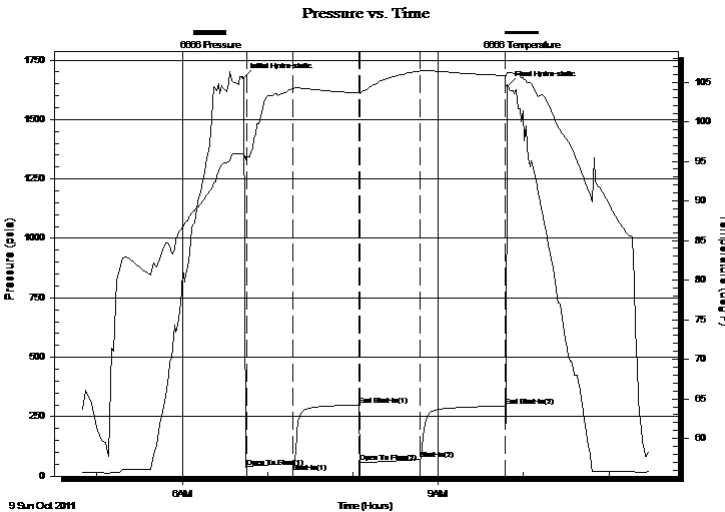
End Time: 11:29:00

Time On Btm: 2011.10.09 @ 06:43:00

Time Off Btm: 2011.10.09 @ 09:49:00

TEST COMMENT: 1ST Opening 30 Minutes very weak but building blow/blow blow 3 inches into bucket of water
1ST Shut-In 45 Minutes no blow back
2ND Opening 45 Minutes very weak but building blow/blow blew 1.50 inches into water
2ND Shut-In 60 Minutes no blow back

PRESSURE SUMMARY



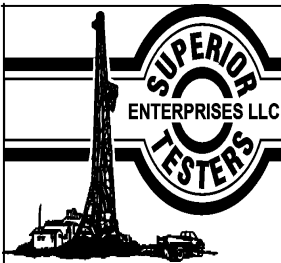
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1675.37	95.90	Initial Hydro-static
2	39.07	95.55	Open To Flow (1)
35	54.73	104.17	Shut-In(1)
81	299.38	103.62	End Shut-In(1)
82	56.66	103.62	Open To Flow (2)
124	69.84	106.39	Shut-In(2)
184	294.61	105.83	End Shut-In(2)
186	1642.40	106.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
4.00	Clean Free Oil 100%	0.06
68.00	Oil and Mud cut Water	0.95
0.00	15% Oil 15% Mud 70% Water	0.00
0.00	Top shut-in tool sample look in comments	0.00
0.00	Chlorides were 30,000.0	0.00
0.00	Resistivity was .22 @ 86 degrees	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Vess Oil Corporation

Casey #3

1700 Waterfront Parkway Bldg
500 Witchia Kansas 67206+
6619
ATTN: Roger Martin

35/10S/19W Rooks

Job Ticket: 18684

DST#: 3

Test Start: 2011.10.09 @ 04:49:00

GENERAL INFORMATION:

Formation: **Lansing " G " Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:45:00

Time Test Ended: 11:29:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E. Ellis

Unit No: 3345/Great Bend/190

Interval: 3396.00 ft (KB) To 3420.00 ft (KB) (TVD)

Reference Elevations: 2140.00 ft (KB)

Total Depth: 3420.00 ft (KB) (TVD)

2133.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6731

Inside

Press @RunDepth: 295.14 psia @ 3416.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.10.09

End Date:

2011.10.09

Last Calib.:

2011.10.09

Start Time: 04:49:00

End Time:

11:27:00

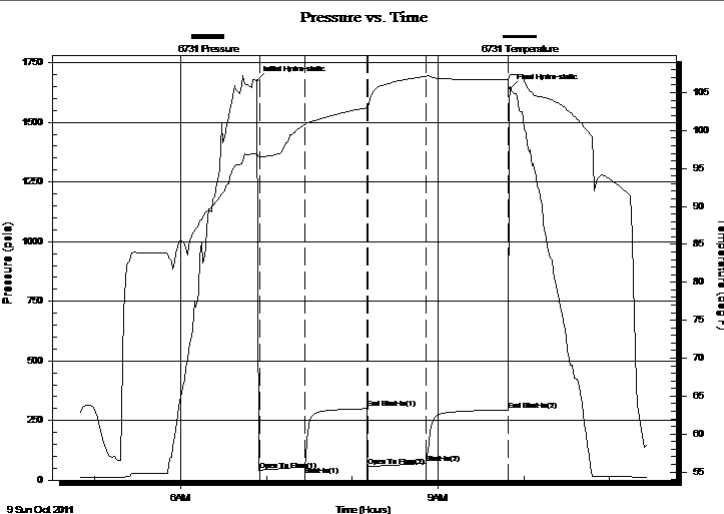
Time On Btm:

2011.10.09 @ 06:53:30

Time Off Btm:

2011.10.09 @ 09:50:30

TEST COMMENT: 1ST Opening 30 Minutes very weak but building blow/blow blow 3 inches into bucket of water
1ST Shut-In 45 Minutes no blow back
2ND Opening 45 Minutes very weak but building blow/blow blew 1.50 inches into water
2ND Shut-In 60 Minutes no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1673.90	96.88	Initial Hydro-static
2	40.26	96.53	Open To Flow (1)
33	55.96	100.81	Shut-In(1)
77	299.78	102.99	End Shut-In(1)
78	58.14	103.11	Open To Flow (2)
118	70.64	107.17	Shut-In(2)
176	295.14	106.77	End Shut-In(2)
177	1641.31	107.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
4.00	Clean Free Oil 100%	0.06
68.00	Oil and Mud cut Water	0.95
0.00	15% Oil 15% Mud 70% Water	0.00
0.00	Top shut-in tool sample look in comments	0.00
0.00	Chlorides were 30,000.0	0.00
0.00	Resistivity was .22 @ 86 degrees	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Vess Oil Corporation
 1700 Waterfront Parkway Bldg
 500 Witchia Kansas 67206+
 6619
 ATTN: Roger Martin

Casey #3
35/10S/19W Rooks
 Job Ticket: 18684 **DST#: 3**
 Test Start: 2011.10.09 @ 04:49:00

Tool Information

Drill Pipe:	Length: 3391.00 ft	Diameter: 3.80 inches	Volume: 47.57 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 31000.00 lb
			<u>Total Volume: 47.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	3396.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	53.00 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			3368.00	
Shut-In Tool	5.00			3373.00	
Hydroic Tool	5.00			3378.00	
Jars	6.00			3384.00	
Safety Joint	2.00			3386.00	
Packer	5.00			3391.00	29.00 Bottom Of Top Packer
Packer	5.00			3396.00	
Perforations	19.00			3415.00	
Recorder	1.00	6731	Inside	3416.00	
Recorder	1.00	6666	Outside	3417.00	
Bullnose	3.00			3420.00	24.00 Bottom Packers & Anchor

Total Tool Length: 53.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Vess Oil Corporation

Casey #3

1700 Waterfront Parkway Bldg
500 Witchia Kansas 67206+
6619

35/10S/19W Rooks

Job Ticket: 18684

DST#: 3

ATTN: Roger Martin

Test Start: 2011.10.09 @ 04:49:00

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:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 4.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
4.00	Clean Free Oil 100%	0.056
68.00	Oil and Mud cut Water	0.954
0.00	15% Oil 15% Mud 70% Water	0.000
0.00	Top shut-in tool sample look in comments	0.000
0.00	Chlorides were 30,000.0	0.000
0.00	Resistivity was .22 @ 86 degrees	0.000

Total Length: 72.00 ft Total Volume: 1.010 bbl

Num Fluid Samples: 0

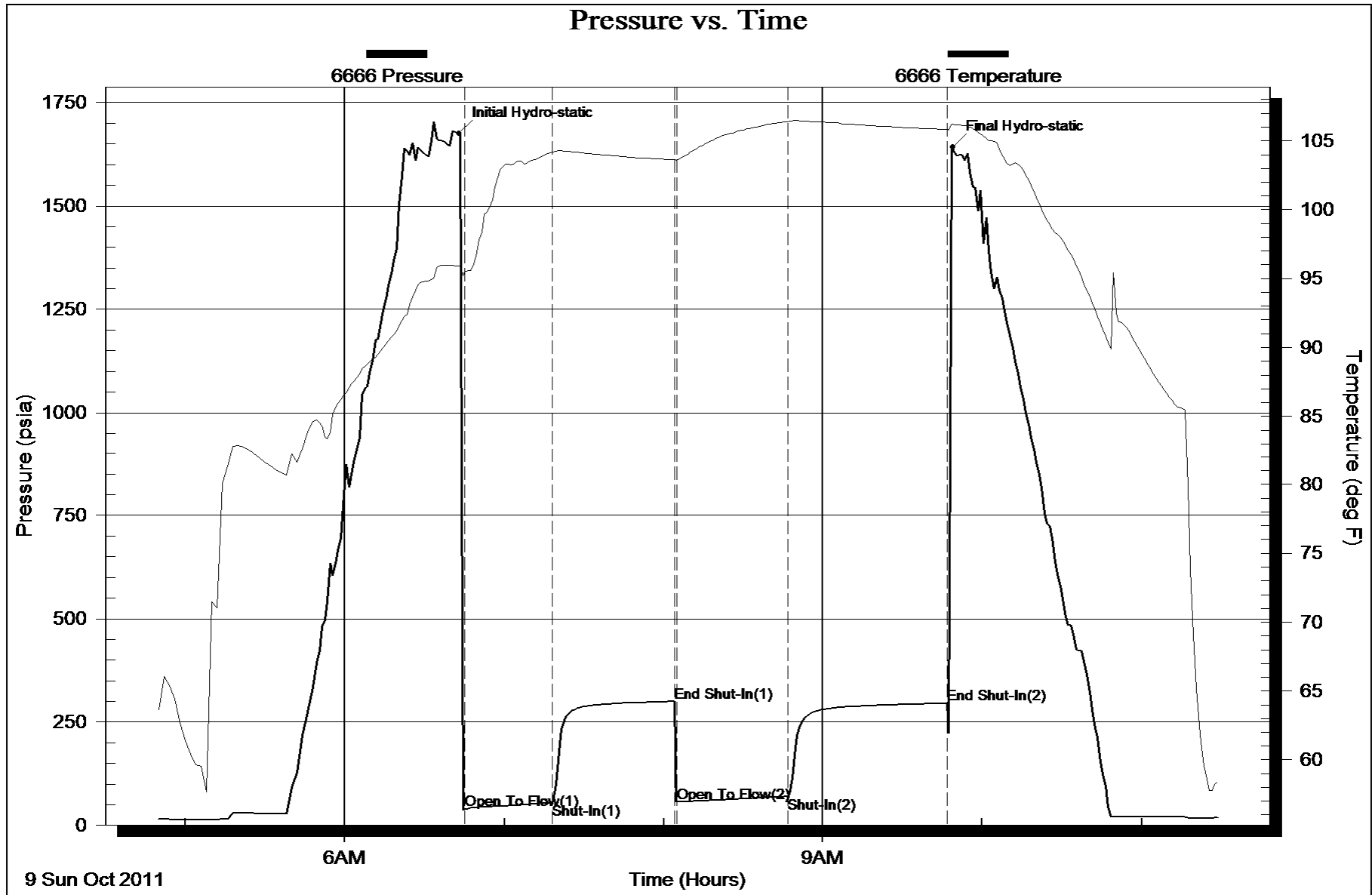
Num Gas Bombs: 0

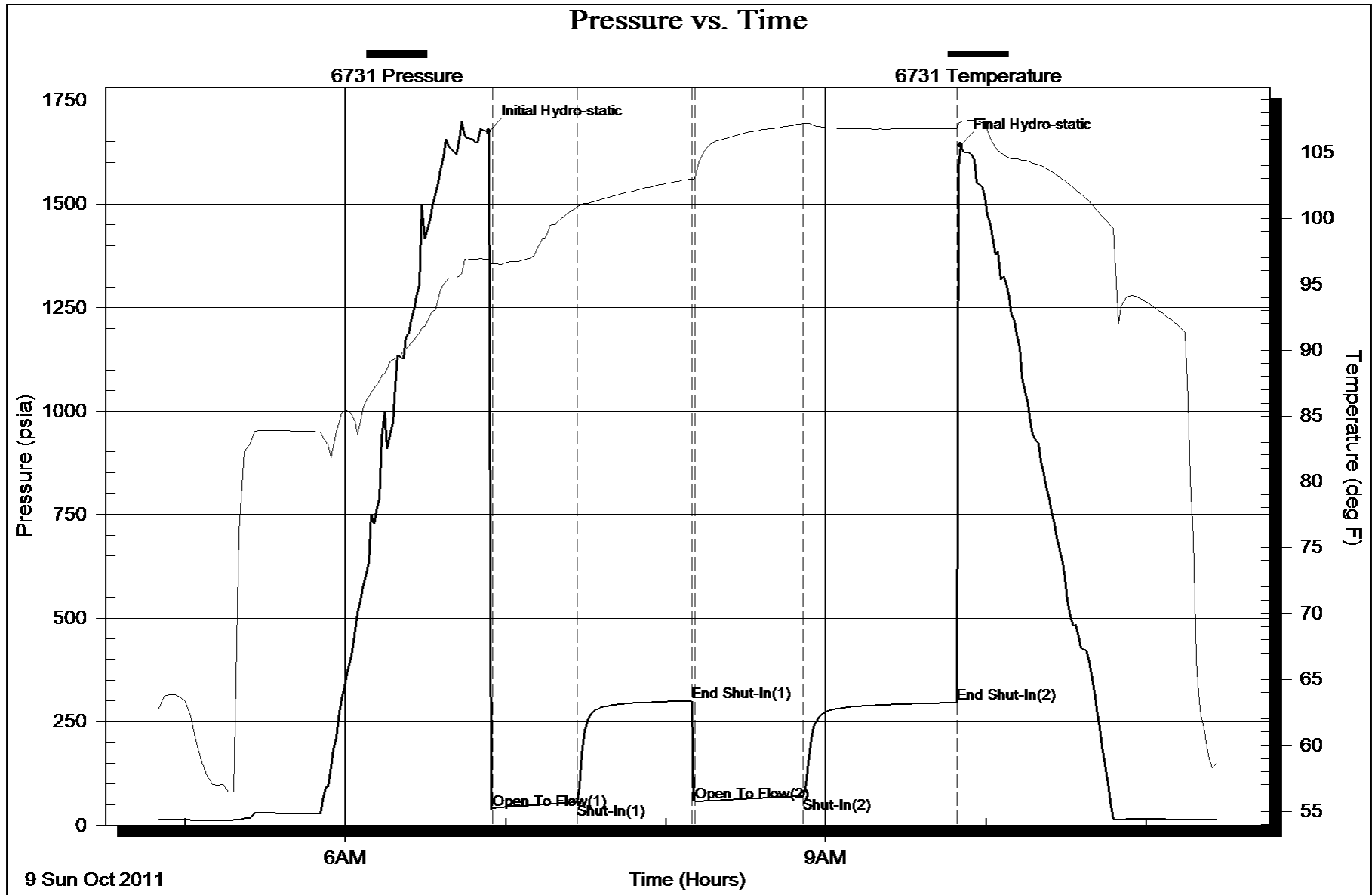
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Top of the shut-in tool sample was light muddy oil cut water. 10% Mud, 30% Oil, 60% water.







DRILL STEM TEST REPORT

Prepared For: **Vess Oil Corporation**

1700 Waterfront Parkway Bldg
500 Witchia Kansas 67206+
6619

ATTN: Roger Martin

35/10S/19W Rooks

Casey #3

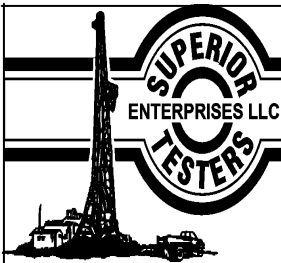
Start Date: 2011.10.10 @ 05:02:00

End Date: 2011.10.10 @ 11:33:30

Job Ticket #: 18685 DST #: 4

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2011.10.09 @ 23:55:00



DRILL STEM TEST REPORT

Vess Oil Corporation

Casey #3

1700 Waterfront Parkway Bldg
 500 Witchia Kansas 67206+
 6619
 ATTN: Roger Martin

35/10S/19W Rooks

Job Ticket: 18685

DST#: 4

Test Start: 2011.10.10 @ 05:02:00

GENERAL INFORMATION:

Formation: **Lansing Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:39:30

Time Test Ended: 11:33:30

Interval: 3447.00 ft (KB) To 3576.00 ft (KB) (TVD)

Total Depth: 3576.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345/Great Bend/190

Reference Elevations: 2140.00 ft (KB)

2133.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6666 Outside

Press @ Run Depth: 101.96 psia @ 3572.28 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.10.10

End Date: 2011.10.10

Last Calib.: 2011.10.10

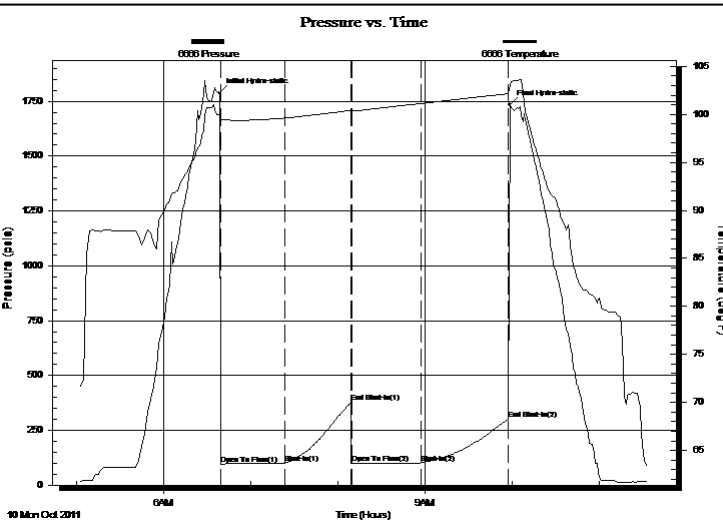
Start Time: 05:02:00

End Time: 11:33:30

Time On Btm: 2011.10.10 @ 06:38:30

Time Off Btm: 2011.10.10 @ 09:58:30

TEST COMMENT: 1ST Opening 30 Minutes weak blow/blow made 3/8 inch into water/backed off to surface blow
 1ST Shut-In 45 Minutes no blow back
 2ND Opening 45 Minutes opened tool/blow was dead/stayed dead through out the w hole open
 2ND Shut-In 60 Minutes no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1787.86	99.88	Initial Hydro-static
1	95.72	99.53	Open To Flow (1)
45	99.73	99.61	Shut-In(1)
91	375.99	100.41	End Shut-In(1)
92	99.63	100.35	Open To Flow (2)
139	101.96	101.13	Shut-In(2)
199	301.89	102.15	End Shut-In(2)
200	1734.78	103.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud with a trace of Oil on top	0.14
0.00	100% Mud/ Trace of Oil	0.00
0.00	Tool Sample-Oil cut Mud	0.00
0.00	20% Oil 80% Mud	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Vess Oil Corporation
 1700 Waterfront Parkway Bldg
 500 Witchia Kansas 67206+
 6619
 ATTN: Roger Martin

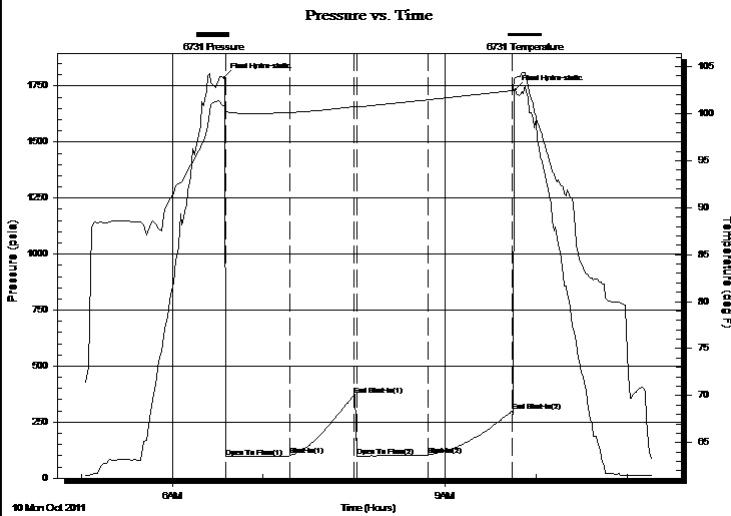
Casey #3
35/10S/19W Rooks
 Job Ticket: 18685 **DST#: 4**
 Test Start: 2011.10.10 @ 05:02:00

GENERAL INFORMATION:

Formation: **Lansing Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:39:30
 Time Test Ended: 11:33:30
 Interval: **3447.00 ft (KB) To 3576.00 ft (KB) (TVD)**
 Total Depth: 3576.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dylan E Ellis
 Unit No: 3345/Great Bend/190
 Reference Elevations: 2140.00 ft (KB)
 2133.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6731 Inside
 Press @ Run Depth: 299.32 psia @ 3571.28 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.10.10 End Date: 2011.10.10 Last Calib.: 2011.10.10
 Start Time: 05:02:00 End Time: 11:16:30 Time On Btm:
 Time Off Btm: 2011.10.10 @ 06:34:00

TEST COMMENT: 1ST Opening 30 Minutes weak blow/blow made 3/8 inch into water/backed off to surface blow
 1ST Shut-In 45 Minutes no blow back
 2ND Opening 45 Minutes opened tool/blow was dead/stayed dead through out the w hole open
 2ND Shut-In 60 Minutes no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1785.59	100.81	Final Hydro-static
2	95.01	100.26	Open To Flow (1)
44	100.04	100.11	Shut-In(1)
86	370.69	100.75	End Shut-In(1)
88	98.40	100.71	Open To Flow (2)
135	102.74	101.47	Shut-In(2)
190	299.32	102.44	End Shut-In(2)
192	1733.46	103.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud with a trace of Oil on top	0.14
0.00	100% Mud/ Trace of Oil	0.00
0.00	Tool Sample-Oil cut Mud	0.00
0.00	20% Oil 80% Mud	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Vess Oil Corporation
 1700 Waterfront Parkway Bldg
 500 Witchia Kansas 67206+
 6619
 ATTN: Roger Martin

Casey #3
35/10S/19W Rooks
 Job Ticket: 18685 **DST#: 4**
 Test Start: 2011.10.10 @ 05:02:00

Tool Information

Drill Pipe:	Length: 3430.00 ft	Diameter: 3.80 inches	Volume: 48.11 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 32000.00 lb
		Total Volume: 48.11 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3447.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	128.28 ft			
Tool Length:	157.28 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: The first open ran longer time because the safety chain had got stuck in the elevators and had a hard time getting it to come loose in a safe manorly fashion.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3419.00	
Shut-In Tool	5.00			3424.00	
Hydroic Tool	5.00			3429.00	
Jars	6.00			3435.00	
Safety Joint	2.00			3437.00	
Packer	5.00			3442.00	29.00 Bottom Of Top Packer
Packer	5.00			3447.00	
Perforations	5.00			3452.00	
Change Over Sub	0.75			3452.75	
Drill Pipe	93.78			3546.53	
Change Over Sub	0.75			3547.28	
Perforations	23.00			3570.28	
Recorder	1.00	6731	Inside	3571.28	
Recorder	1.00	6666	Outside	3572.28	
Bullnose	3.00			3575.28	128.28 Bottom Packers & Anchor

Total Tool Length: 157.28



DRILL STEM TEST REPORT

FLUID SUMMARY

Vess Oil Corporation

Casey #3

1700 Waterfront Parkway Bldg
500 Witchia Kansas 67206+
6619
ATTN: Roger Martin

35/10S/19W Rooks

Job Ticket: 18685

DST#: 4

Test Start: 2011.10.10 @ 05:02:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 5.20 in³
Resistivity: ohm.m
Salinity: 2000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud with a trace of Oil on top	0.140
0.00	100% Mud/ Trace of Oil	0.000
0.00	Tool Sample-Oil cut Mud	0.000
0.00	20% Oil 80% Mud	0.000

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

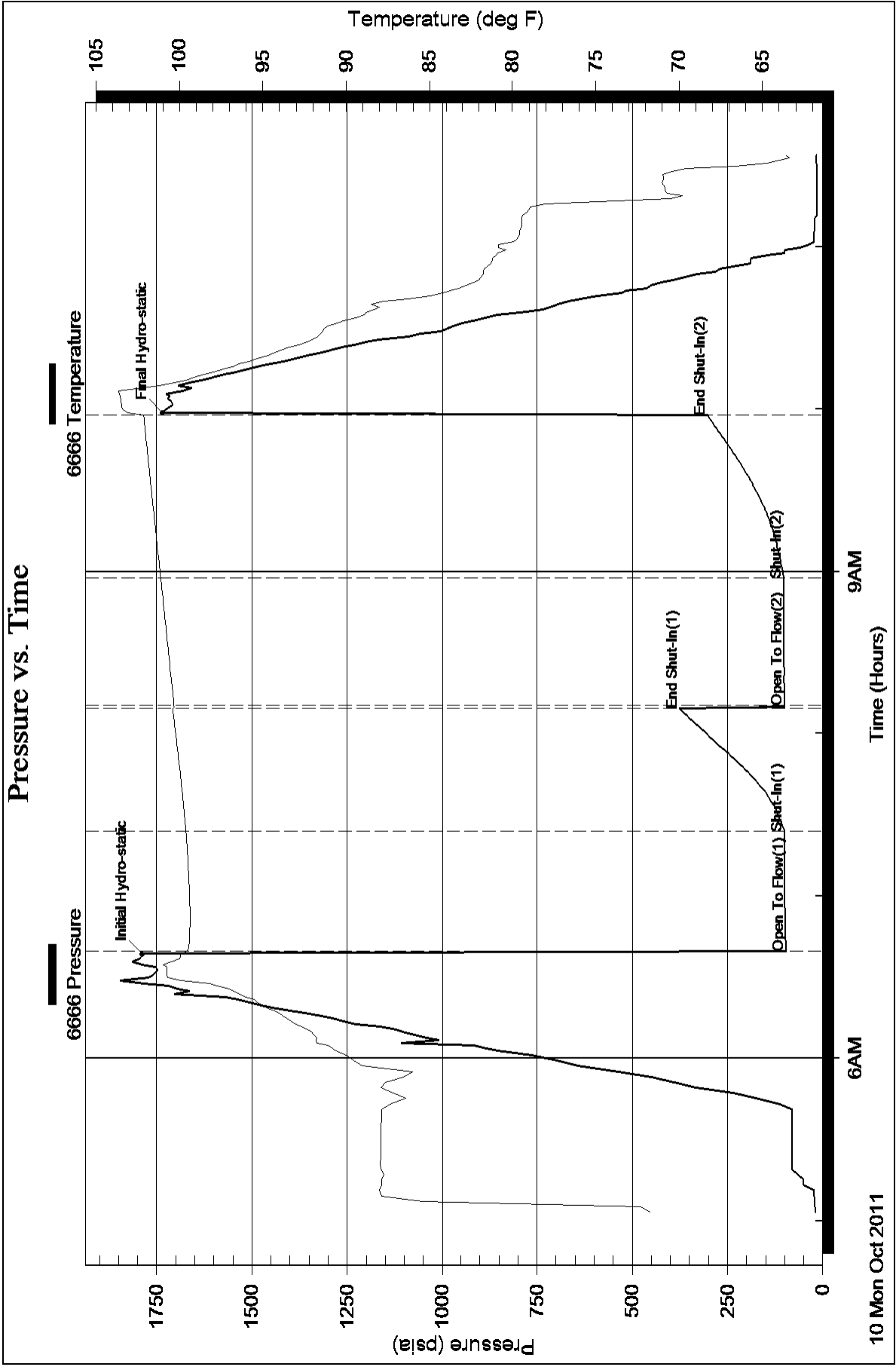
Serial #:

Laboratory Name:

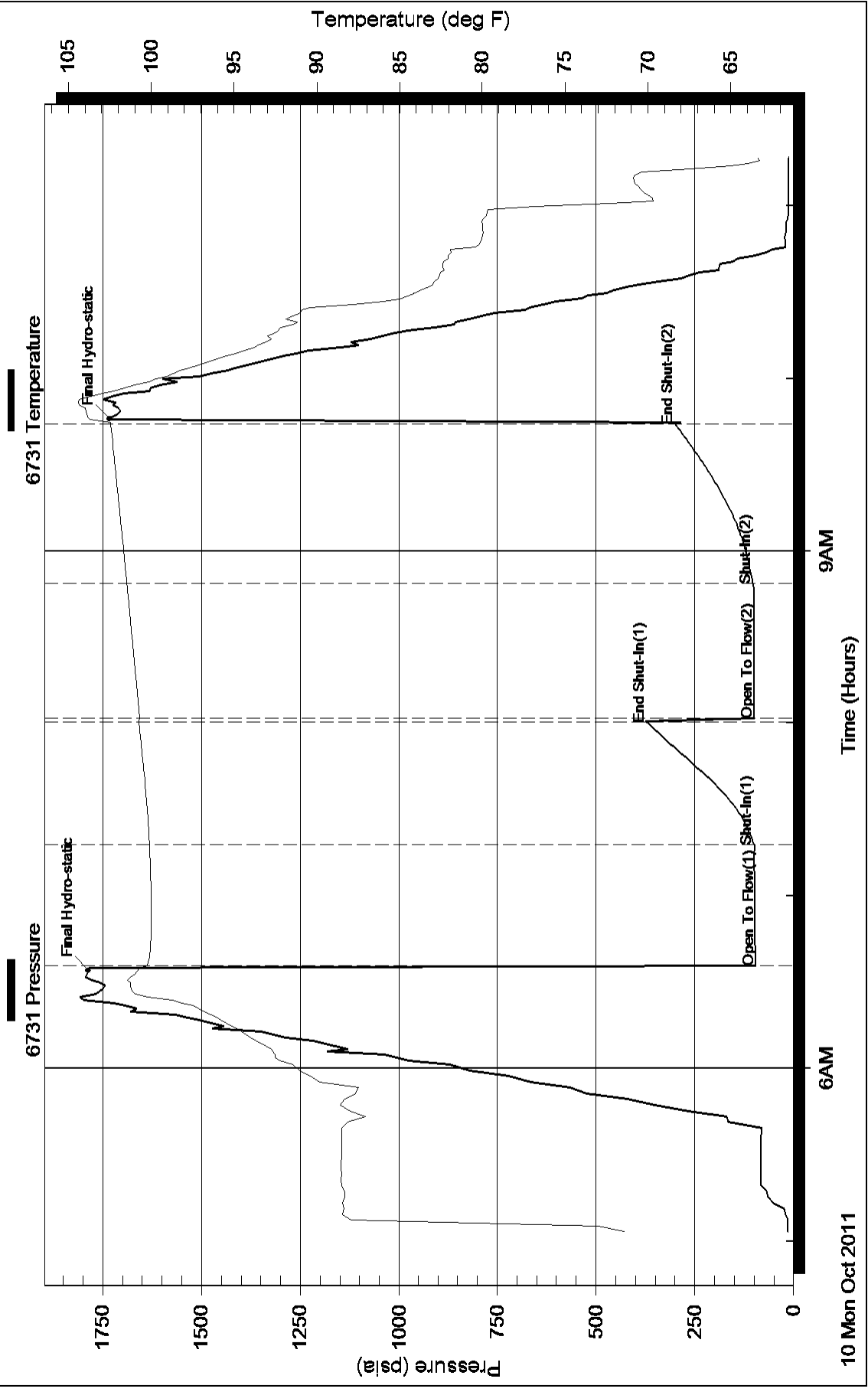
Laboratory Location:

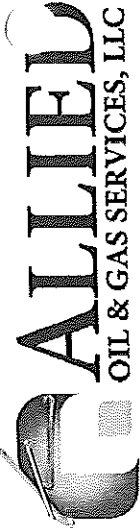
Recovery Comments:

Pressure vs. Time



Pressure vs. Time





24 S. Lincoln Street
P.O. Box 31
Russell, KS 67665-2906
Voice: (817) 546-7282
Fax: (817) 246-3361

OCT 24 2011

INVOICE

Invoice Number: 128900
Invoice Date: Oct 12, 2011
Page: 1

Bill To:
Vess Oil Corp.
1700 Waterfront Parkway
Bldg. #500
Wichita, KS 67226

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms
Vess	Casey #3	Net 30 Days
Job Location	Camp Location	Service Date
KS2-02	Russell	Oct 12, 2011
		Due Date
		11/11/11

Quantity	Item	Description	Unit Price	Amount
3.00	MAT	Gel	21.25	63.75
180.00	MAT	ASC	19.00	3,420.00
500.00	MAT	Gel WFR -2	1.10	550.00
183.00	SER	Handling	2.25	411.75
20.00	SER	Mileage	20.13	402.60
1.00	SER	Production String	2,225.00	2,225.00
20.00	SER	Heavy Vehicle Mileage	7.00	140.00
20.00	SER	Light Vehicle Mileage	4.00	80.00
6.00	EQP	5 1/2 Rotating Scratchers	53.00	318.00
1.00	EQP	5 1/2 Float shoe	245.00	245.00
1.00	EQP	5 1/2 Latch Down Plug Assem.	194.00	194.00
8.00	EQP	5 1/2 Centralizers	34.00	272.00
2.00	EQP	5 1/2 Baskets	236.00	472.00
1.00	EQP	5 1/2 Port Collar	1,820.00	1,820.00
1.00	CEMENTER	Glenn Ginther		
1.00	OPER ASSIST	Woody O'Neil		
1.00	OPER ASSIST	Cody Hoss		

Subtotal	10,614.10
Sales Tax	463.35
Total Invoice Amount	11,077.45
Payment/Credit Applied	(2309.60)
TOTAL	11,077.45

\$2309.60

ONLY IF PAID ON OR BEFORE
Nov 6, 2011

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

8767.85

ALLIED CEMENTING CO., LLC. 038314

Federal I.D.# 20-5975804

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

SERVICE POINT:

Russell, KS

DATE <u>10-12-2011</u>	SEC. <u>35</u>	TWP. <u>10 S</u>	RANGE <u>19 W</u>	CALLLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>CASEY</u>	WELL # <u>3</u>	LOCATION <u>ZURICH KS 7325 Van 1/4 W</u>			COUNTY <u>Beck</u>	STATE <u>KANSAS</u>	

CONTRACTOR AAVERICK DRUG, Rig #198 OWNER
 TYPE OF JOB PRODUCTION STAKING
 HOLE SIZE 7 9/16 I.D. 3640'
 CASING SIZE 5 1/2 NEW DEPTH 3638
 TUBING SIZE 15.50# CSG. DEPTH 180'
 DRILL PIPE FOOT CABLE @ DEPTH 180'
 TOOL ATCH Down Plug @ DEPTH 3596'
 PRES. MAX 1500# MINIMUM 1000
 MEAS. LINE SHOE JOINT 4 1/2
 CEMENT LEFT IN CSG. 4135

CEMENT AMOUNT ORDERED 180 SK ASC, 102500 222 GEL
500 Gal - WATER - MAG. FLUSH
 COMMON @
 POZMIX @
 GEL 3 @ 21.25 63.75
 CHLORIDE @
 ASC 180 @ 19.00 3420.00
WFR-2 500 Gal WFR-2 @ 11.00 5500.00

EQUIPMENT
 PUMP TRUCK CEMENTER Calvin
 # 417 HELPER Meady
 BULK TRUCK # 410 DRIVER Cody

BULK TRUCK DRIVER # 1480
 REMARKS: POAT COLLAR ON STAKE 50
Ray 810 ITS NEW 15.5# CSG. SET @ 3638
Circulate 1 HR. on location. Pump Flush &
Cement w/ 135 SK ASC. Cleop-helm. Release
Latex Down Plug & Displace 8525 GAL #20
LAND Plug @ 1500 #. Release Pressure
& Plug (HEAD)
15.5# Hauscholtz
30 SK @ Barabore

CHARGE TO: Vess Oil Corporation
 STREET _____ STATE _____ ZIP _____

HANDLING <u>167</u>		
MILEAGE <u>41/24/11</u>		
TOTAL <u>98487.10</u>		
DEPTH OF JOB		
PUMP TRUCK CHARGE		
EXTRA FOOTAGE @ <u>2.00</u>		<u>190.00</u>
MILEAGE @ <u>2.00</u>		<u>222.50</u>
MANIFOLD		
Rotating Head @ <u>9.00</u>		<u>801.00</u>
TOTAL <u>24457.00</u>		

PLUG & FLOAT EQUIPMENT
 RR 10 - Rotating Scratches 53.00 316.00
 RR 1 - Float shoe @ 248.00
 RR 1 - Latex Down Plug Assy @ 194.00
 RR 8 - Cement Baskets @ 341.00 2728.00
 RR 2 - Baskets @ 236.00 472.00
 RR 1 - PORT Collar @ 1620.00

TOTAL 3321.00
 SALES TAX (if any) _____
 TOTAL CHARGES 10,614.10 IF PAID IN 30 DAYS
 DISCOUNT 208

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 Roger Martin
 SIGNATURE [Signature]

ALLIED CEMENTING CO., LLC. 035818

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell, KS

DATE <u>10-4-11</u>	SEC. <u>35</u>	TWP. <u>10S</u>	RANGE <u>19W</u>	CALLED OUT	ON LOCATION	JOB START <u>3:45pm</u>	JOB FINISH <u>4:15pm</u>	
LEASE <u>Cesey</u>	WELL # <u>3</u>	LOCATION <u>N of Hwy's to River RD</u>	COUNTY <u>Peoria</u>	STATE <u>KS</u>				
OLD OR <u>NEW</u> (Circle one)	LOCATION <u>4 W 4 1/2 N 1 W N 1 to</u>							

CONTRACTOR Maverick #108

OWNER

TYPE OF JOB Surface

HOLE SIZE T.D. 225

CASING SIZE 8 5/8

TUBING SIZE

DRILL PIPE

TOOL

PRES. MAX

MEAS. LINE

CEMENT LEFT IN CSG. 15ft

PERFS.

DISPLACEMENT 13.31

EQUIPMENT

PUMP TRUCK CEMENTER Heath

409 HELPER Todd

BULK TRUCK DRIVER Ron

410

BULK TRUCK DRIVER

#

REMARKS:

Run 5 joints of 8 5/8 casing & landing joint

Est circulation with mud pump

Mixed 160sc & Disp with 13.31 bbl H2O

Cement did circulate!!
THANKS!!

CHARGE TO: Vess Oil Corp

STREET

CITY STATE ZIP

CEMENT

AMOUNT ORDERED 160 sk com

3% CC 2% Gel

COMMON 160 @ 16.25 2600.00

POZMIX

GEL 3 @ 21.25 63.75

CHLORIDE 5 @ 58.20 291.00

ASC

HANDLING 160 @ 2.25 376.00

MILEAGE 14 sk/haul @ 13.14 184.80

TOTAL 3572.55

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 1125.00

EXTRA FOOTAGE @ 7.00 70.00

MILEAGE 20 10 @ 7.00 140.00

MANIFOLD @ 4.00 40.00

CVA 21 10 @ 4.00 84.00

TOTAL 1235.00

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

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.

SALES TAX (If Any)

TOTAL CHARGES 4662.55 4752.55

DISCOUNT

IF PAID IN 30 DAYS

PRINTED NAME Jeremy Stuckey

SIGNATURE 