



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1172145
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: _____

1172145

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
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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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ALLIED OIL & GAS SERVICES, LLC 056996

Federal Tax I.D.# 20-5976004

BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell, KS

DATE <u>8.22.13</u>	SEC. <u>24</u>	TWP. <u>10</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00 AM</u>	JOB FINISH <u>4:00 AM</u>
CHASE <u>Tonant</u>	WELL# <u>B-3</u>	LOCATION <u>Runch, KS</u>			COUNTY <u>Rooks</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>3W 4.5 W across cattle guard 4 1/2 W into</u>					

CONTRACTOR LD Drilling #1 OWNER _____

TYPE OF JOB Surface

HOLE SIZE 8 1/2 TD. 236.15'

CASINO SIZE 8 1/2 DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 15'

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 14.08 ^{hbl} / ^{h2o}

CEMENT AMOUNT ORDERED	<u>160sk com</u>		
	<u>31.00</u>	<u>21 gal</u>	
COMMON	<u>160sk</u>	@ <u>17.90</u>	\$ <u>2,864.00</u>
POZMIX		@	\$
GEL	<u>3sk</u>	@ <u>23.40</u>	\$ <u>70.20</u>
CHLORIDE	<u>10sk</u>	@ <u>34.40</u>	\$ <u>344.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>173.51 ^{hbl} / ^{h2o}</u>	@ <u>2.48</u>	\$ <u>430.31</u>
MILEAGE	<u>308.49 ^{hbl} / ^{h2o}</u>	@ <u>2.60</u>	\$ <u>802.07</u>
			TOTAL <u>\$4,550.58</u>

EQUIPMENT

PUMP TRUCK CEMENTER Tony P.

409 HELPER Nathan D

BULK TRUCK

410 DRIVER Danny S.

BULK TRUCK

DRIVER

REMARKS:

* Circulate mud to Surface.

* Pumped 160sk @ 24.38 ^{hbl} / ^{h2o}

* Displaced cement to 14.08 ^{hbl} / ^{h2o}

- Cement circulated to Surface

* Shook 8 1/2 in @ 2300 psi. (Master)

CHARGE TO: Vess Oil Corp.

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>236.15'</u>	
PUMP TRUCK CHARGE	<u>\$1512.25</u>	
EXTRA FOOTAGE	@	
MILEAGE <u>160sk @ 37m</u>	@ <u>7.70</u>	\$ <u>300.30</u>
MANIFOLD <u>Light 37m</u>	@ <u>440</u>	\$ <u>171.60</u>
	@	
	@	
TOTAL <u>\$1984.15</u>		

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL <u>0</u>		

To: Allied Oil & Gas Services, LLC.

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

SALES TAX (If Any) _____

TOTAL CHARGES \$6,534.73

DISCOUNT \$1,433.68 IF PAID IN 30 DAYS

Net 4901.05

PRINTED NAME _____

SIGNATURE Rhonda W.

ALLIED OIL & GAS SERVICES, LLC 061876

Federal Tax I.D. # 20-8651475

MITTO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Area 12

DATE <u>8-31-13</u>	SEC. <u>24</u>	TWP. <u>10</u>	RANGE <u>20</u>	CALLED OUT <u>12:00 AM</u>	ON LOCATION <u>4:00 AM</u>	JOB START <u>10:00 AM</u>	JOB FINISH <u>11:00 AM</u>
LEASE <u>TomKat 'B'</u>		WELL # <u>23</u>		LOCATION <u>Zurch 310, 4S, 19 sec</u>		COUNTY <u>Rock</u>	STATE <u>Ks</u>
OLD OR <u>NEW</u> (Circle one)			Cattle ground <u>3/4 mile, 1/4 S, 1/4 W</u>				

CONTRACTOR L.D. Riley
 TYPE OF JOB Production
 HOLE SIZE 7 7/8 TD 3227
 CASING SIZE 5 1/2 DEPTH 3226.13
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1300 # MINIMUM 600 #
 MEAS. LINE _____ SHOE JOINT 42.87'
 CEMENT LEFT IN CSG 42.87'
 PERFS. _____
 DISPLACEMENT 87.71

OWNER Some
 CEMENT
 AMOUNT ORDERED 1300 lbs. 250 gal
10% salt, 6% sulphur, 5% cement/dk
500 gal DU-1100
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC 130 @ 20.90 2,717.00
Gilsonite 650 @ .98 637.00
500 gal DU @ 1.27 635.00
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 161.64 @ 2.98 400.86
 MILEAGE 7.248 41 X @ 2.60 771.78
 TOTAL 5,161.64

EQUIPMENT
 PUMP TRUCK CEMENTER Tom Nathan
 # 3106 HELPER Mike Seathorn
 BULK TRUCK
 # 423 DRIVER Dean Cooper
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:
Ran 3226 of 5 1/2" cas. Bore Circulation
Pumped 5 H₂O, 10 DU-1100, 5 H₂O. Plugged
Bottom 1/2" hole. Minus 1000 lbs. Bore
cas. worked up. Released plug.
Displaced with fresh H₂O. Loaded
plug at 1300#. Released & held.

CHARGE TO: New Oil Corp.
 STREET _____
 CITY _____ STATE _____ ZIP _____

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

SERVICE
 DEPTH OF JOB 3226
 PUMP TRUCK CHARGE 2600.87
 EXTRA FOOTAGE _____ @ _____
 MILEAGE Hum 41 @ 7.70 315.70
 MANIFOLD Hum 41 @ 4.40 180.40
Head Rent @ 475.00 475.00
Rotating Head @ N/C _____
 TOTAL 3,391.17

PLUG & FLOAT EQUIPMENT
5/2"
8 - Centralizers @ 57.33 458.64
2 - Benders @ 394.29 788.58
1 - Port collar @ 3042.00 3042.00
1 - Latidown Plug @ 324.07 324.07
wait Time 1/2 @ 250.00 525.00
 TOTAL 4,613.31
525.00
4088.31

PRINTED NAME Roger Martin
 SIGNATURE [Signature]

SALES TAX (If Any) _____
 TOTAL CHARGES 12,641.12
2,528.22
 DISCOUNT _____ IF PAID IN 30 DAYS
10,112.89



Energy services, L.P.

TREATMENT REPORT

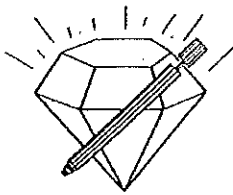
Owner Oil Corporation	Lease No.	Date 9-17-13
Well # Tomcat "B"	Well # 3	
Field Order # 2725	Station Pratt, Kansas	Casing" 5 1/2 15.5
Type Job C.N.W - Port collar	Depth	County Rooks
	Formation	State Kansas
		Legal Description 24-103-20W

PIPE DATA		PERFORATING DATA		AT USED	TREATMENT RESUME		
Casing Size 5 1/2 15.5	Tubing Size 2 7/8	Shots/Ft 230	From 180	At 38	RATE 14.49 GPM	PRESS 1100 PSI	ISIP 25 Lbl str. cell plate
Depth 1593 Feet	Volume	From 180	To 180	12 Lbl/Gal.	Max 14.49 GPM	1100 PSI	5 Min.
Max Press 1000 PSI	Max Press 1000 PSI	From	To		Min		10 Min.
Well Connection 8 7/8	Annulus Vol.	From	To		Avg		15 Min.
Plug Depth 3024 Feet	Packer Depth	From	To	Flush 8.5 BU Fresh Water	HHP Used		Annulus Pressure
					Gas Volume		Total Load

Customer Representative Joel	Station Manager Kevin Gordley	Treater Clarence R. Messick
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Service Units	37216	19889	19843	19960	21010
Driver Names	Messick	Masquez	Barton		

Time A.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:00					Trucks on location and hold safety meeting.
					R.B. P set at 3024 Feet and tubing set at 2806 Feet upon arrival.
9:45		100		4	Start to circulate oil out of well.
			70		Well clean.
10:15	1000	1000			Shut in well. Pressure Test Open Well.
					Pull 1 swab.
					Start to spot 200 lbs sand on R.B. P set at 3024 FT.
10:40			15		Stop pumping. Let sand fall 30 minutes.
					Tubing at 1593 Feet.
12:04	500	500			Pressure up annulus and shut it in.
					Open Port collar 180
12:05		300		6	Start mixing 230 sacks A con Blend cement.
12:23			80		Cement circulated to surface.
		300		4	Start Fresh water Displacement
			8		Shut port collar and run 4 joints.
12:42	300			4	Start to reverse out.
			15		Well clean Wash up pump truck and run tub.
1:35	300			3	Start to circulate sand off of R.B.P.
			70		Well clean.
2:20					Job complete.
					Thank You
					Clarence Edmundo - Joel



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
TOMCATB3DST1

Company Vess Oil Corporation Lease & Well No. Tomcat "B" No. 3
Elevation 2160 KB Formation Toronto - Lansing/Kansas City "D" Effective Pay Ft. Ticket No. F163
Date 8-27-13 Sec. 24 Twp. 10S Range 20W County Rooks State Kansas
Test Approved By Roger L. Martin Diamond Representative Jake Fahrenbruch

Formation Test No. 1 Interval Tested from 3,368 ft. to 3,483 ft. Total Depth 3,483 ft.
Packer Depth 3,363 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3,368 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,349 ft. Recorder Number 0062 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 3,480 ft. Recorder Number 11033 Cap. 5,150 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length ft I.D. in.
Mud Type Chemical Viscosity 53 Weight Pipe Length ft I.D. in.
Weight 9.1 Water Loss 7.6 cc. Drill Pipe Length 3,335 ft I.D. 3 1/4 in.
Chlorides 1,700 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Bars: Make Sterling Serial Number 5 Anchor Length 17' perf. w/ 98' drill pipe Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, 1 in. blow increasing to 4 ins. No blow back during shut-in.
2nd Open: Surface blow increasing to 3 ins. No blow back during shut-in.

Recovered 52 ft. of drilling mud = .533520 bbls. (Grind out: 100%-mud)
Recovered 63 ft. of slightly oil specked mud = .646380 bbls. (Grind out: 1%-oil; 99%-mud)
Recovered 115 ft. of TOTAL FLUID = 1.179900 bbls.
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks Tool Sample Grind Out: 2%-oil; 98%-mud
Tool slid 6 ft. to bottom.

Time Set Packer(s) 5:45 A.M. Time Started off Bottom 8:45 A.M. Maximum Temperature 107°
Initial Hydrostatic Pressure.....(A) 1611 P.S.I.
Initial Flow Period.....Minutes 30 (B) 30 P.S.I. to (C) 47 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 797 P.S.I.
Final Flow Period.....Minutes 45 (E) 47 P.S.I. to (F) 66 P.S.I.
Final Closed In Period.....Minutes 60 (G) 763 P.S.I.
Final Hydrostatic Pressure.....(H) 1611 P.S.I.



Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Vess Oil Corp.	Well Name	Tomcat "B" #3
Well Operator	Vess Oil Corp	Unique Well ID	DST #1 Toronto - L/KC "D" 3368'-3483'
Contact	Casey Coats	Surface Location	Sec 24-10s-20w-Rooks Co.-KS
Site Contact	Roger Martin	Test Unit	#5
Field	Marcolle	Pool	NA
Well Type	Vertical	Job Number	F163
Prepared By	Jake Fahrenbruch	Qualified By	Roger Martin

Test Information

Test Type	Conventional Bottom-Hole	Test Purpose	Initial Test
Formation	Toronto - L/KC "D" 3368'-3483'	Gauge Name	0062
Start Test Date	2013/08/27	Start Test Time	03:42:00
Final Test Date	2013/08/27	Final Test Time	10:42:00

Test Results

30 minute initial flow period: 1" blow, increased to 4". (Tool slid 6' to bottom.)
 45 minute initial shut-in period: No blowback.
 45 minute final flow period: Surface blow after 7 minutes, increased to 3".
 60 minute final shut-in period: No blowback.

Recovered: 52' Drilling Mud 100% mud
 63' SOSM <1% oil, >99% mud
 ----- Total Recovered Fluid: 115'
 ----- Tool Sample: OSM 2% oil, 98% mud
 ----- Bottom-Hole Temp: 107 Deg F

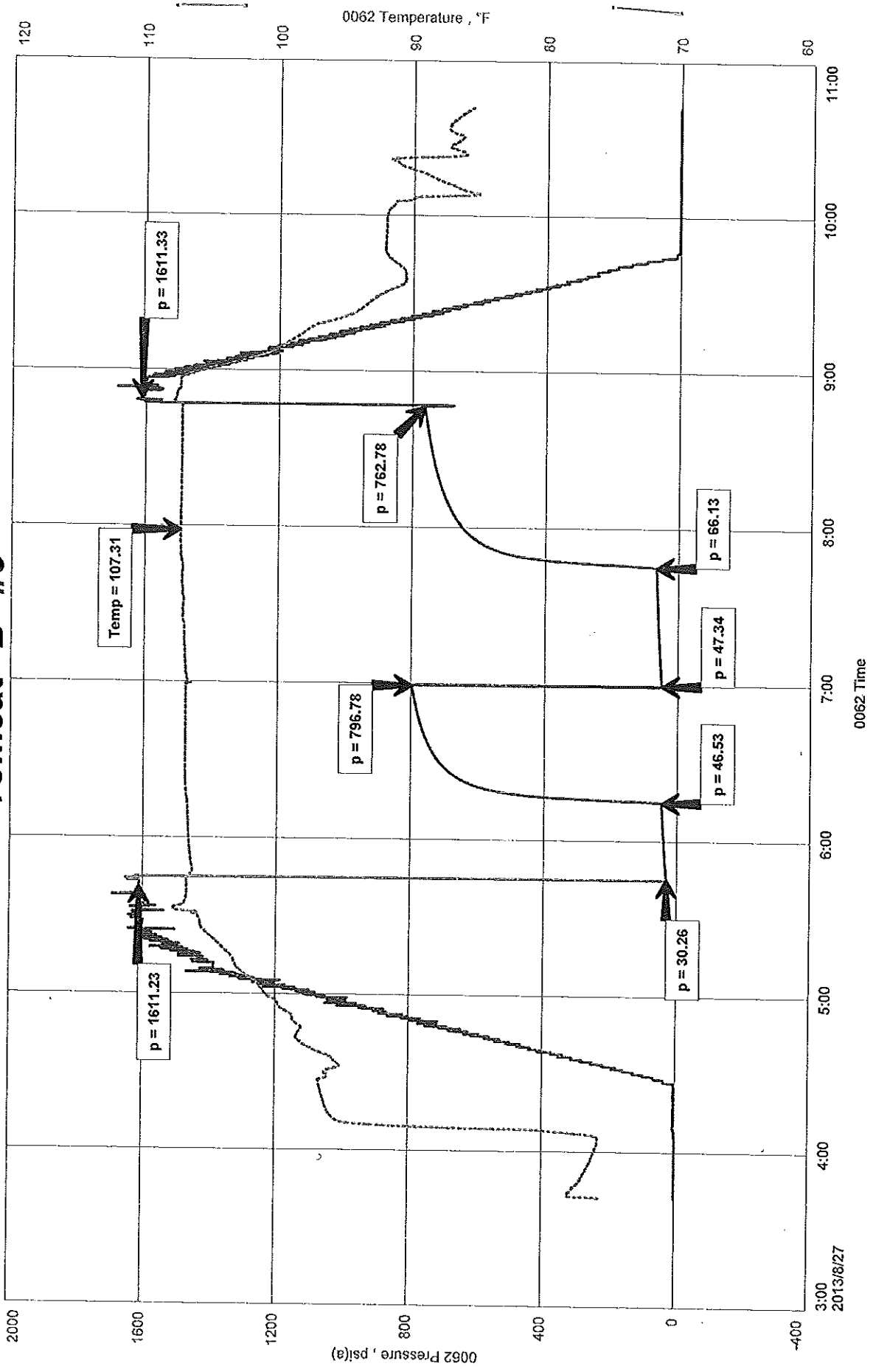
Pressures: IHP: 1611
 IFP: 30-47
 ISIP: 797
 FFP: 47-66
 FSIP: 763
 FHP: 1611

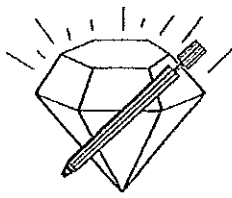
Thanks!

Vess Oil Corp.
 DST #1 Toronto - L/KC "D" 3368'-3483'
 Start Test Date: 2013/08/27
 Final Test Date: 2013/08/27

Tomcat "B" #3
 Formation: Toronto - L/KC "D" 3368'-3483'
 Pool: NA
 Job Number: F163

Tomcat "B" #3





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
TOMCATB3DST2

Company Vess Oil Corporation Lease & Well No. Tomcat "B" No. 3
Elevation 2160 KB Formation Lansing/Kansas City "G & H" Effective Pay Ft. Ticket No. F164
Date 8-28-13 Sec. 24 Twp. 10S Range 20W County Rooks State Kansas
Test Approved By Roger L. Martin Diamond Representative Jake Fahrenbruch

Formation Test No. 2 Interval Tested from 3,475 ft. to 3,635 ft. Total Depth 3,635 ft.
Packer Depth 3,470 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3,475 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,456 ft. Recorder Number 0062 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 3,632 ft. Recorder Number 11033 Cap. 5,150 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length ft I.D. in.
Mud Type Chemical Viscosity 53 Weight Pipe Length ft I.D. in.
Weight 9.2 Water Loss 7.8 cc. Drill Pipe Length 3,442 ft I.D. 3 1/4 in.
Chlorides 1,700 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 5 Anchor Length 30' perf. w/ 130' drill pipe Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, 1/2 in. blow increasing to 4 1/4 ins. No blow back during shut-in.
2nd Open: Surface blow increasing to 2 1/2 ins. No blow back during shut-in.

Recovered 4 ft. of clean oil = .041040 bbls. (Gravity: 31)
Recovered 70 ft. of slightly oil specked watery mud = .718200 bbls. (Grind out: 1%-oil; 45%-water; 54%-mud) Chlorides: 34,000 Ppm PH: 9.0
Recovered 74 ft. of TOTAL FLUID = .759240 bbls.
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: 10%-oil; 50%-water; 40%-mud

Time Set Packer(s) 8:10 A.M. Time Started off Bottom 11:10 A.M. Maximum Temperature 108°
Initial Hydrostatic Pressure.....(A) 1685 P.S.I.
Initial Flow Period.....Minutes 30 (B) 13 P.S.I. to (C) 29 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 587 P.S.I.
Final Flow Period.....Minutes 45 (E) 32 P.S.I. to (F) 44 P.S.I.
Final Closed In Period.....Minutes 60 (G) 533 P.S.I.
Final Hydrostatic Pressure.....(H) 1682 P.S.I.



Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Vess Oil Corp.	Well Name	Tomcat "B" #3
Well Operator	Vess Oil Corp.	Unique Well ID	DST #2 L/KC 'G&H' 3475'-3635'
Contact	Casey Coats	Surface Location	Sec 24-10s-20w-Rooks Co.-KS
Site Contact	Roger Martin	Test Unit	#5
Field	Marcolie	Pool	NA
Well Type	Vertical	Job Number	F164
Prepared By	Jake Fahrenbruch	Qualified By	Roger Martin

Test Information

Test Type	Conventional Bottom-Hole	Test Purpose	Initial Test
Formation	L/KC 'G&H' 3475'-3635'	Gauge Name	0062
Start Test Date	2013/08/28	Start Test Time	06:18:00
Final Test Date	2013/08/28	Final Test Time	13:47:00

Test Results

30 minute initial flow period: Half inch blow, increased to 4.25".
 45 minute initial shut-in period: No blowback.
 45 minute final flow period: Surface blow in 5 minutes, increased to 2.5".
 60 minute final shut-in period: No blowback.

Recovered: 4' Clean Oil (31 gravity)
 70' SOSWM <1% oil, 45% wtr, 55% mud
 ----- Total Recovered Fluid: 74'
 ----- Tool Sample: OCMW 10% oil, 50% wtr, 40% mud
 ----- Chlorides: 34,000 PPM
 ----- PH: 9.0
 ----- (RW meter broken, no check.)
 ----- Bottom Hole Temp: 108 Deg F

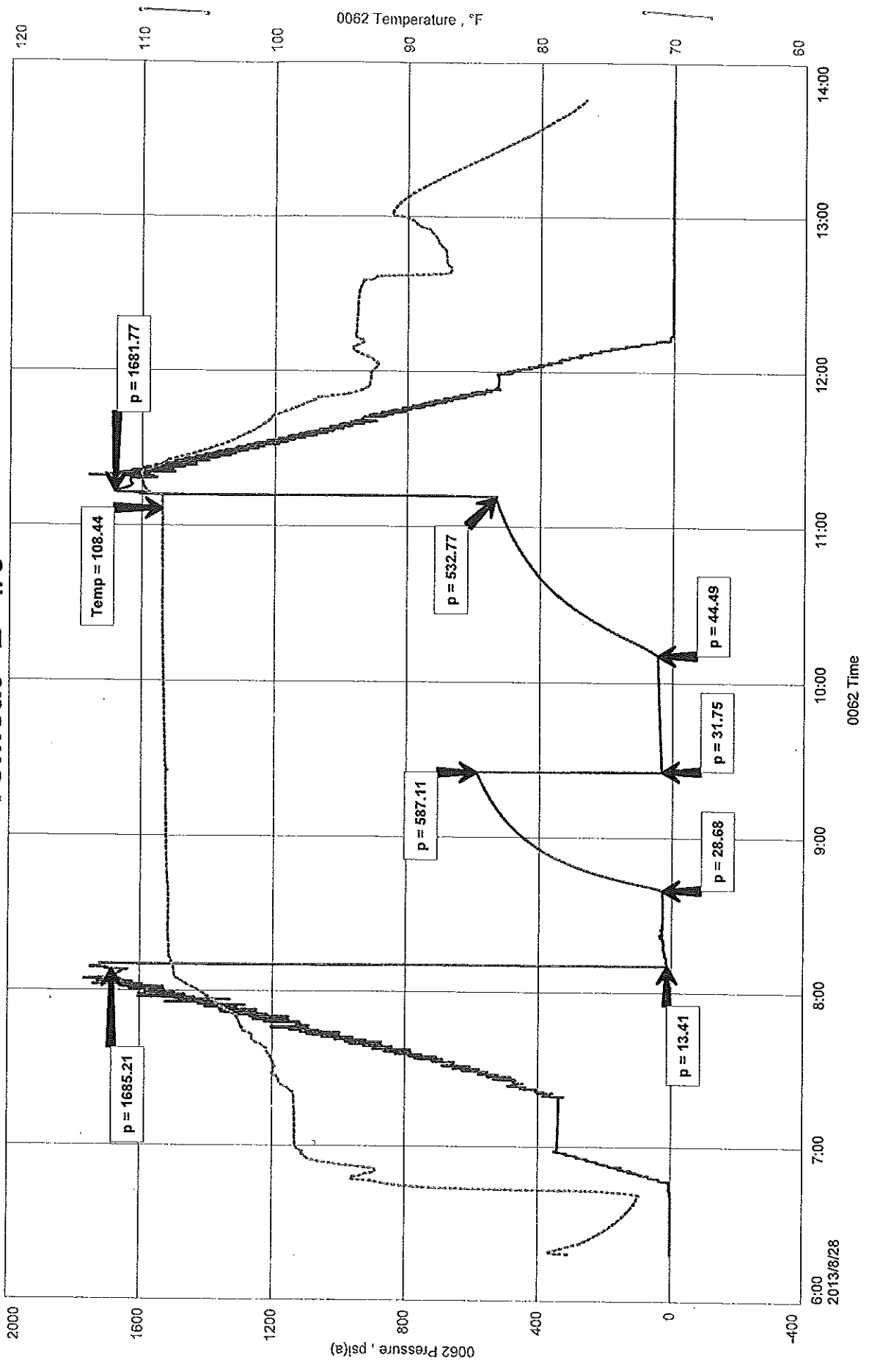
Pressures: IHP: 1685
 IFP: 13-29
 ISIP: 587
 FFP: 32-44
 FSIP: 533
 FHP: 1682

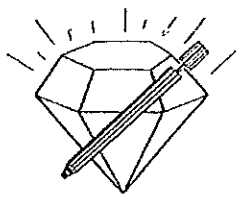
Thanks!

Tomcat "B" #3
 Formation: L/KC 'G&H' 3475'-3635'
 Pool: NA
 Job Number: F164

Vess Oil Corp.
 DST #2 L/KC 'G&H' 3475'-3635'
 Start Test Date: 2013/08/28
 Final Test Date: 2013/08/28

Tomcat "B" #3





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
TOMCATB3DST3

Company Vess Oil Corporation Lease & Well No. Tomcat "B" No. 3
Elevation 2160 KB Formation Arbuckle Effective Pay Ft. Ticket No. F165
Date 8-29-13 Sec. 24 Twp. 10S Range 20W County Rooks State Kansas
Test Approved By Roger L. Martin Diamond Representative Jake Fahrenbruch

Formation Test No. 3 Interval Tested from 3,618 ft. to 3,722 ft. Total Depth 3,722 ft.
Packer Depth 3,613 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3,618 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,597 ft. Recorder Number 0062 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 3,719 ft. Recorder Number 11033 Cap. 5,150 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length ft I.D. in.
Mud Type Chemical Viscosity 54 Weight Pipe Length ft I.D. in.
Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 3,585 ft I.D. 3 1/4 in.
Chlorides 1,900 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Pumps: Make Sterling Serial Number 5 Anchor Length 38' perf. w/ 66' drill pipe Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Flow: 1st Open: Surface blow increasing to 4 1/2 ins. No blow back during shut-in.
2nd Open: Surface blow increasing to 5 1/2 ins. No blow back during shut-in.

Recovered 20 ft. of clean oil = .205200 bbls. (Gravity: 24)
Recovered 60 ft. of heavy oil cut mud = .615600 bbls. (Grind out: 20%-oil; 80%-mud)
Recovered 80 ft. of TOTAL FLUID = .820800 bbls.
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: 35%-oil; 65%-mud

Time Set Packer(s) 9:00 A.M. Time Started off Bottom 12:00 P.M. Maximum Temperature 110°
Initial Hydrostatic Pressure.....(A) 1781 P.S.I.
Initial Flow Period.....Minutes 30 (B) 14 P.S.I. to (C) 24 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 796 P.S.I.
Normal Flow Period.....Minutes 45 (E) 27 P.S.I. to (F) 44 P.S.I.
Normal Closed In Period.....Minutes 60 (G) 792 P.S.I.
Normal Hydrostatic Pressure.....(H) 1780 P.S.I.



Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Vess Oil Corp.	Well Name	Tomcat "B" #3
Well Operator	Vess Oil Corp.	Unique Well ID	DST #3 Arbuckle 3618'-3722'
Contact	Casey Coats	Surface Location	Sec 24-10s-20w-Rooks Co.-KS
Site Contact	Roger Martin	Test Unit	#5
Field	Marcolle	Pool	NA
Well Type	Vertical	Job Number	F165
Prepared By	Jake Fahrenbruch	Qualified By	Roger Martin

Test Information

Test Type	Conventional Bottom-Hole	Test Purpose	Initial Test
Formation	Arbuckle 3618'-3722'	Gauge Name	0062
Start Test Date	2013/08/29	Start Test Time	06:50:00
Final Test Date	2013/08/29	Final Test Time	14:09:00

Test Results

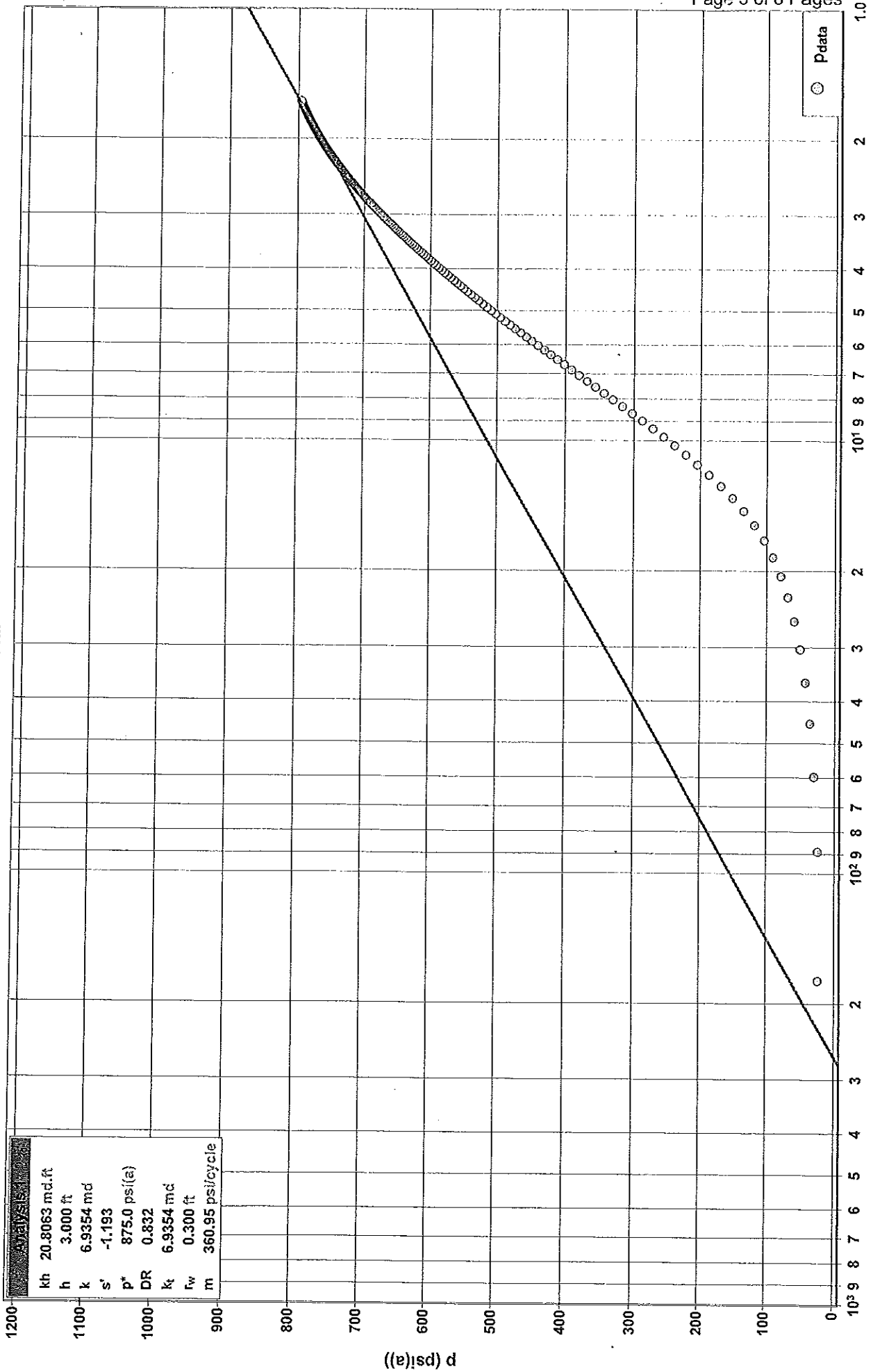
30 minute initial flow period: Surface blow, increased to 4.5".
 45 minute initial shut-in period: No blowback.
 45 minute final flow period: Surface blow, increased to 5.5".
 60 minute final shut-in period: No blowback.

Recovered: 20' Clean Oil (24 Corrected Gravity)
 60' HOCM 20% oil, 80% mud
 ----- Total Recovered Fluid: 80'
 ----- Tool Sample: Oily Mud 35% oil, 65% mud
 ----- Bottom-Hole Temp: 110 Deg F

Pressures: IHP: 1781
 IFP: 14-24
 ISIP: 796
 FFP: 27-44
 FSIP: 792
 FHP: 1780

Thanks!

VESS OIL CORPORATION
 TOMCAT 'B' #3
 DST #3 ARBUCKLE 3,616' - 3,722'
 Radial



kh	20.8063 md.ft
h	3.000 ft
k	6.9354 md
s'	-1.193
p*	875.0 ps(a)
DR	0.832
k _t	6.9354 md
r _w	0.300 ft
m	360.95 ps/cycle

Superposition Radial Time (ΣΔt) (h)

Oil Well Test - Buildup

Radial Flow Analysis

Analysis Results

Flow Capacity (kh)	20.81 md.ft	Total Skin (s')	-1.193
Effective Permeability (k)	6.9354 md	Skin Due to Damage (s _d)	-1.193
Effective Gas Permeability (k _g)	md	Skin Due To Inclination (s _{inc})	
Effective Oil Permeability (k _o)	6.9354 md	Skin Due To Partial Penetration (s _{pp})	
Effective Water Permeability (k _w)	md	Pressure Drop Due to Total Skin (Δp _{skin})	psi(a)
Total Fluid Rate (in situ) ((qβ) _i)	8.0 rbbl/d	Damage Ratio (DR)	0.832
Total Mobility ((k/μ) _t)	1.21 md/cP	Flow Efficiency (FE)	1.202
Total Transmissivity ((kh/μ) _t)	3.62 mdft/cP		
Slope (m)	360.95 psi/cycle		

Reservoir Parameters

Net Pay (h)	3.000 ft
Total Porosity (φ _t)	15.00 %
Gas Saturation (S _g)	0.00 %
Oil Saturation (S _o)	80.00 %
Water Saturation (S _w)	20.00 %
Formation Compressibility (c _f)	4.1093e-06 1/psi
Total Compressibility (c _t)	1.0321e-05 1/psi
Wellbore Radius (r _w)	0.300 ft

Pressures

Extrapolated Pressure (p*)	875.0 psi(a)
Final Flowing Pressure (p _{wfo})	23.3 psi(a)
Final Measured Pressure (p _{last})	1.0 psi(a)

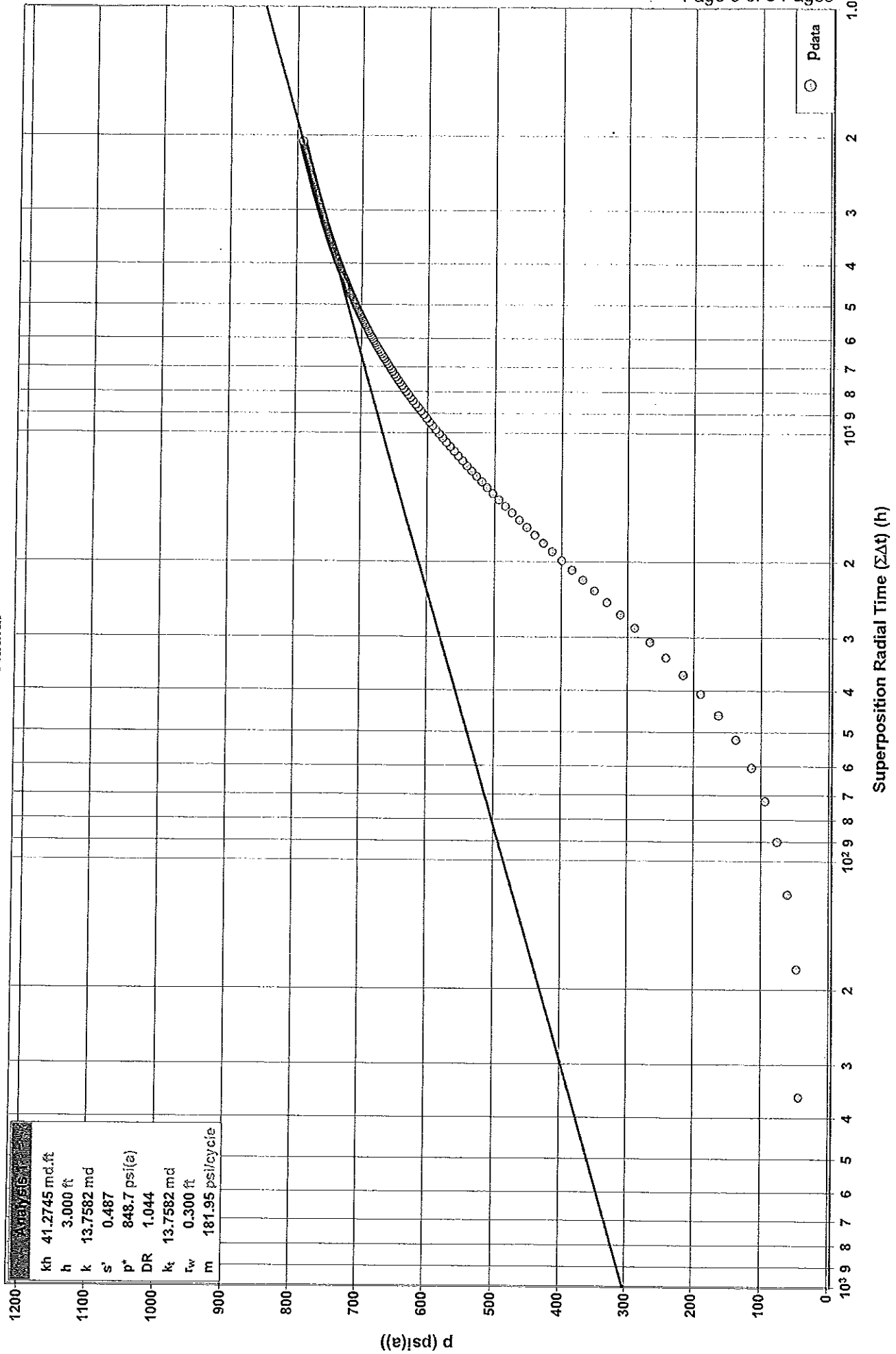
Fluid Properties

Reservoir Temperature (T _{resv})	110.0 °F
Reservoir Pressure (p _{resv})	1880.3 psi(a)
Oil Gravity (γ _o)	24.0 °API
Oil Viscosity (μ _o)	5.7508 cP
Oil Compressibility (c _o)	7.0151e-06 1/psi
Oil Formation Volume Factor (B _o)	1.147
Solution Gas Ratio (R _s)	264.9 scf/bbl
Oil Correlation	Vasquez and Beggs
Oil Viscosity Correlation	Beggs & Robinson

Production and Times

Corrected Time (t _c)	0.49 h
Total Cumulative Production Oil (Cum _{oil})	0.00 Mbbbl
Final Oil Rate (q _{o final})	7.0 bbl/d

VESS OIL CORPORATION
 TOMCAT 'B' #3
 DST #3 ARBUCKLE 3,616' - 3,722'
 Radial



Oil Well Test - Buildup

Radial Flow Analysis

Analysis Results

Flow Capacity (kh)	41.27 md.ft	Total Skin (s')	0.487
Effective Permeability (k)	13.7582 md	Skin Due to Damage (s _d)	0.487
Effective Gas Permeability (k _g)	md	Skin Due To Inclination (s _{inc})	
Effective Oil Permeability (k _o)	13.7582 md	Skin Due To Partial Penetration (s _{pp})	
Effective Water Permeability (k _w)	md	Pressure Drop Due to Total Skin (Δp _{skin})	77.1 psi(a)
Total Fluid Rate (in situ) ((qβ) _i)	8.0 rbb/d	Damage Ratio (DR)	1.044
Total Mobility ((k/μ) _i)	2.39 md/cP	Flow Efficiency (FE)	0.958
Total Transmissivity ((kh/μ) _i)	7.18 mdft/cP		
Slope (m)	181.95 psi/cycle		

Reservoir Parameters

Net Pay (h)	3.000 ft
Total Porosity (φ _t)	15.00 %
Gas Saturation (S _g)	0.00 %
Oil Saturation (S _o)	80.00 %
Water Saturation (S _w)	20.00 %
Formation Compressibility (c _f)	4.1093e-06 1/psi
Total Compressibility (c _t)	1.0321e-05 1/psi
Wellbore Radius (r _w)	0.300 ft

Pressures

Extrapolated Pressure (p*)	848.7 psi(a)
Final Flowing Pressure (p _{vfo})	43.9 psi(a)
Final Measured Pressure (p _{last})	1.0 psi(a)

Fluid Properties

Reservoir Temperature (T _{resv})	110.0 °F
Reservoir Pressure (p _{resv})	1880.3 psi(a)
Oil Gravity (γ _o)	24.0 °API
Oil Viscosity (μ _o)	5.7508 cP
Oil Compressibility (c _o)	7.0151e-06 1/psi
Oil Formation Volume Factor (B _o)	1.147
Solution Gas Ratio (R _s)	264.9 scf/bbl
Oil Correlation	Vasquez and Beggs
Oil Viscosity Correlation	Beggs & Robinson

Production and Times

Corrected Time (t _c)	1.24 h
Total Cumulative Production Oil (Cum _{oil})	0.00 Mbbbl
Final Oil Rate (q _{o final})	7.0 bbl/d

VESS OIL CORPORATION
TOMCAT 'B' #3

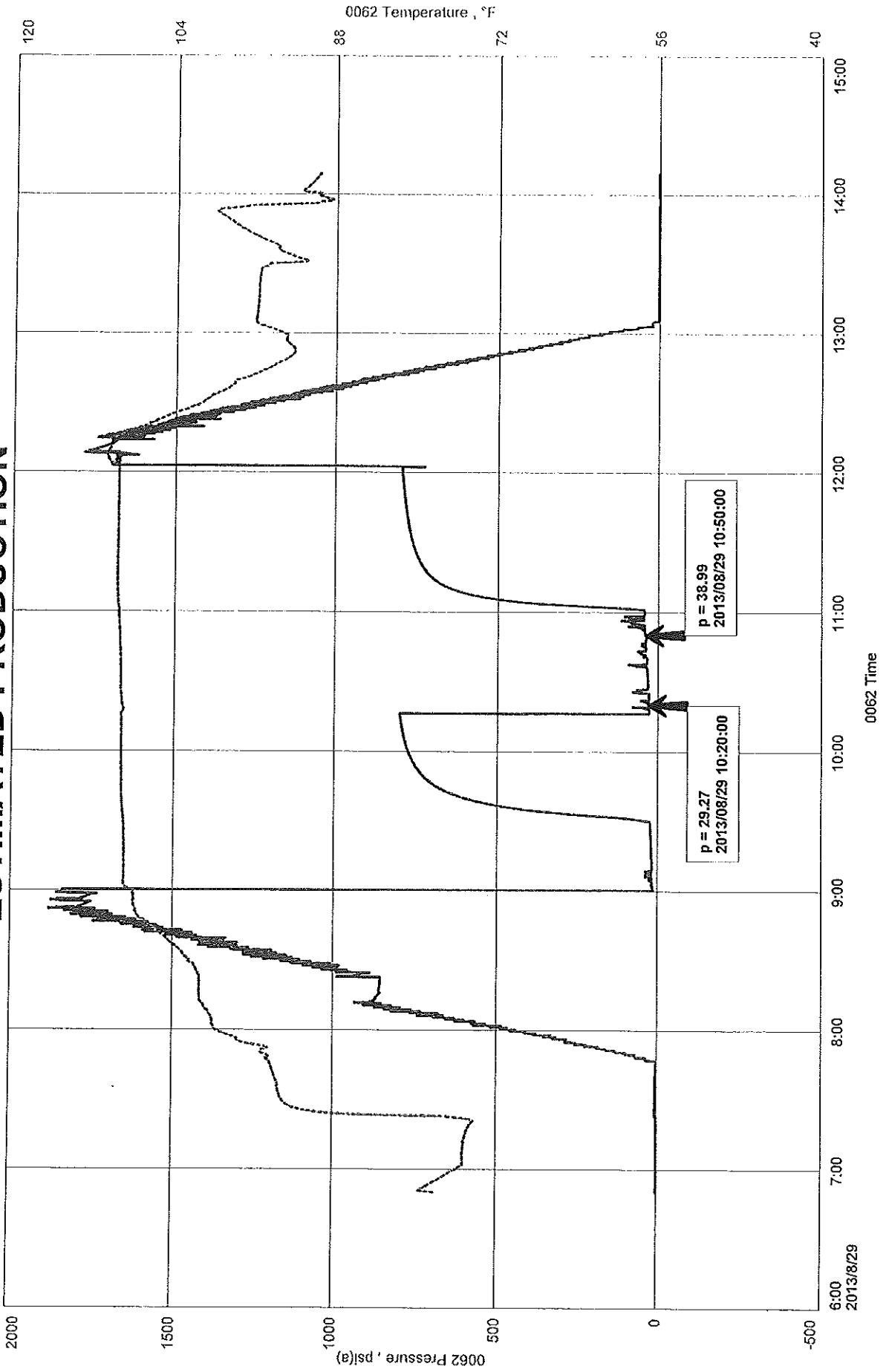
DST #3 ARBUCKLE
3,618' - 3,722"

<u>DESCRIPTION</u>	<u>SECOND READING</u>	<u>FIRST READING</u>	<u>PRESSURE CHANGE</u>	<u>DRILL-PIPE SIZE-ID</u>	<u>FLUID GRADIENT</u>	<u>TIME CHANGE</u>	<u>TOTAL TIME</u>	<u>DAILY PRODUCTION</u>	<u>AVERAGE PERCENTAGE OIL</u>	<u>ESTIMATED DAILY PRODUCTION</u>
FINAL FLOW	39	29	10	0.0142	0.394	30	1440	17	40.35%	7

Vess Oil Corp.
DST #3 Arbuckle 3618'-3722'
Start Test Date: 2013/08/29
Final Test Date: 2013/08/29

Tomcat 'B' #3
Formation: Arbuckle 3618'-3722'
Pool: NA
Job Number: F165

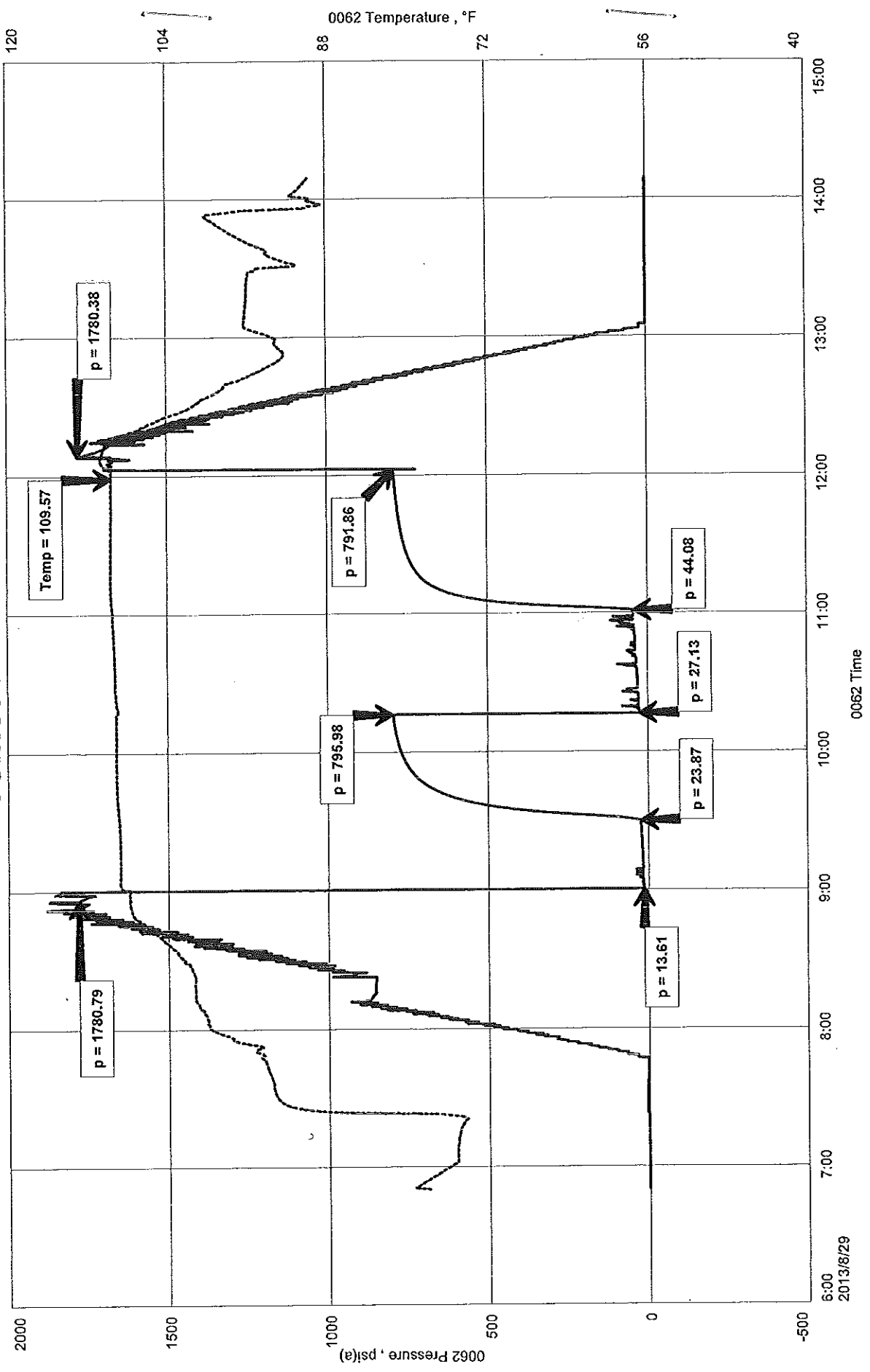
ESTIMATED PRODUCTION

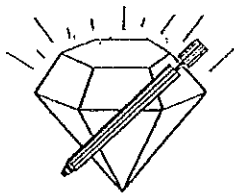


Tomcat "B" #3
 Formation: Arbuckle 3618'-3722'
 Pool: NA
 Job Number: F165

Vess Oil Corp.
 DST #3 Arbuckle 3618'-3722'
 Start Test Date: 2013/08/29
 Final Test Date: 2013/08/29

Tomcat "B" #3





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
TOMCATB3DST4

Company Vess Oil Corporation Lease & Well No. Tomcat "B" No. 3
Elevation 2160 KB Formation Arbuckle Effective Pay Ft. Ticket No. F166
Date 8-29-13 Sec. 24 Twp. 10S Range 20W County Rooks State Kansas
Test Approved By Roger L. Martin Diamond Representative Jake Fahrenbruch

Formation Test No. 4 Interval Tested from 3,722 ft. to 3,727 ft. Total Depth 3,727 ft
Packer Depth 3,717 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3,727 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,701 ft. Recorder Number 0062 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 3,724 ft. Recorder Number 11033 Cap. 5,150 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length ft I.D. in.
Mud Type Chemical Viscosity 54 Weight Pipe Length ft I.D. in.
Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 3,689 ft I.D. 3 1/4 in.
Chlorides 1,900 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 5 Anchor Length 5 ft. Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: N/A

Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks MIS-RUN! Hit bridge at 1060 ft. while tripping in the hole.

Time Set Packer(s) Time Started off Bottom Maximum Temperature
Initial Hydrostatic Pressure.....(A) P.S.I.
Initial Flow Period.....Minutes (B) P.S.I. to (C) P.S.I.
Initial Closed In Period.....Minutes (D) P.S.I.
Final Flow Period.....Minutes (E) P.S.I. to (F) P.S.I.
Final Closed In Period.....Minutes (G) P.S.I.
Final Hydrostatic Pressure.....(H) P.S.I.



Diamond Testing General Report

Page 2 of 2 Pages

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Vess Oil Corp	Well Name	Tomcat "B" #3
Well Operator	Vess Oil Corp	Unique Well ID	DST #4 Arbuckle 3722'-3727'
Contact	Casey Coats	Surface Location	Sec 24-10s-20w-Rooks Co.-KS
Site Contact	Roger Martin	Test Unit	#5
Field	Marcolle	Pool	NA
Well Type	Vertical	Job Number	F166
Prepared By	Jake Fahrenbruch	Qualified By	Roger Martin

Test Information

Test Type	Conventional Bottom-Hole	Test Purpose	Initial Test
Formation	Arbuckle 3722'-3727'	Gauge Name	0062
Start Test Date	2013/08/29	Start Test Time	19:41:00
Final Test Date	2013/08/29	Final Test Time	22:27:00

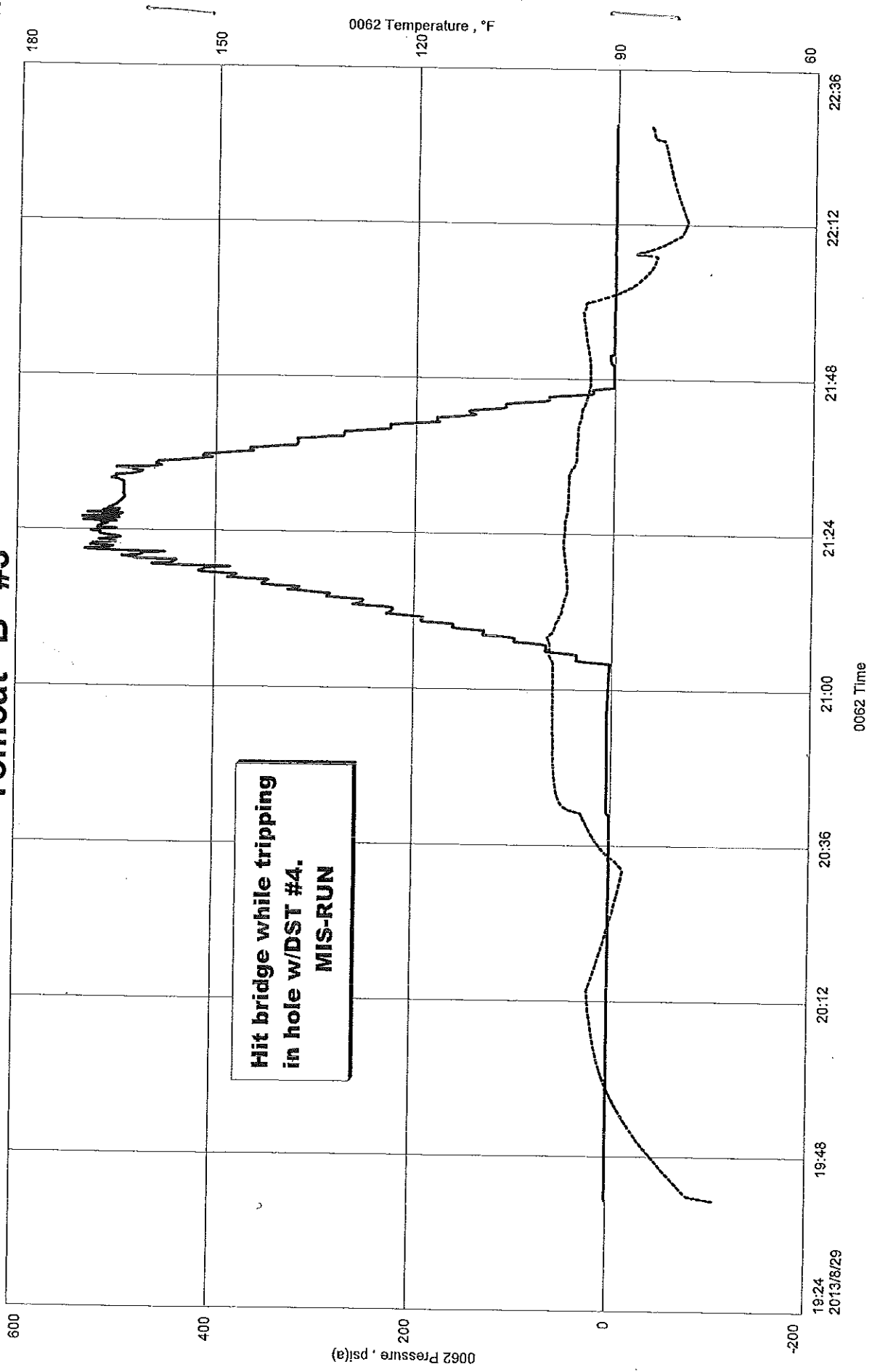
Test Results

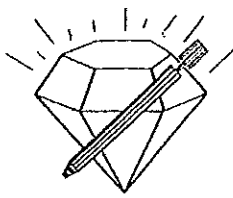
Hit bridge at 1060', while tripping in with DST #4. MIS-RUN.

Vess Oil Corp
DST #4 Arbuckle 3722'-3727'
Start Test Date: 2013/08/29
Final Test Date: 2013/08/29

Tomcat "B" #3
Formation: Arbuckle 3722'-3727'
Pool: NA
Job Number: F166

Tomcat "B" #3





DIAMOND TESTING, LLC
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (620) 653-7550 • (800) 542-7313
 TOMCATB3DST5

Company Vess Oil Corporation Lease & Well No. Tomcat "B" No. 3
 Elevation 2160 KB Formation Arbuckle Effective Pay Ft. Ticket No. F166
 Date 8-30-13 Sec. 24 Twp. 10S Range 20W County Rooks State Kansas
 Test Approved By Roger L. Martin Diamond Representative Jake Fahrenbruch

Formation Test No. 5 Interval Tested from 3,722 ft. to 3,727 ft. Total Depth 3,727 ft.
 Packer Depth 3,717 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Packer Depth 3,727 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,701 ft. Recorder Number 0062 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) 3,724 ft. Recorder Number 11033 Cap. 5,150 psi.
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length ft. I.D. in.
 Mud Type Chemical Viscosity 54 Weight Pipe Length ft. I.D. in.
 Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 3,689 ft. I.D. 3 1/4 in.
 Chlorides 1,900 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Bars: Make Sterling Serial Number 5 Anchor Length 5 ft. Size 4 1/2-FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Flow: N/A

Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks MIS-RUN! Hit bridge at 1068 ft. while tripping in the hole.
Packers were not harmed.

Time Set Packer(s) Time Started off Bottom Maximum Temperature
 Initial Hydrostatic Pressure.....(A) P.S.I.
 Initial Flow Period.....Minutes (B) P.S.I. to (C) P.S.I.
 Initial Closed In Period.....Minutes (D) P.S.I.
 Final Flow Period.....Minutes (E) P.S.I. to (F) P.S.I.
 Final Closed In Period.....Minutes (G) P.S.I.
 Final Hydrostatic Pressure.....(H) P.S.I.



Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Vess Oil Corp	Well Name	Tomcat "B" #3
Well Operator	Vess Oil Corp	Unique Well ID	DST #5 Arbuckle 3722'-3727'
Contact	Casey Coats	Surface Location	24-10s-20w-Rooks Co.-KS
Site Contact	Roger Martin	Test Unit	#5
Field	Marcolle	Pool	NA
Well Type	Vertical	Job Number	F167
Prepared By	Jake Fahrenbruch	Qualified By	Roger Martin

Test Information

Test Type	Conventional Bottom-Hole	Test Purpose	Initial Test
Formation	Arbuckle 3722'-3727'	Gauge Name	0062
Start Test Date	2013/08/30	Start Test Time	08:15:00
Final Test Date	2013/08/30	Final Test Time	10:27:00

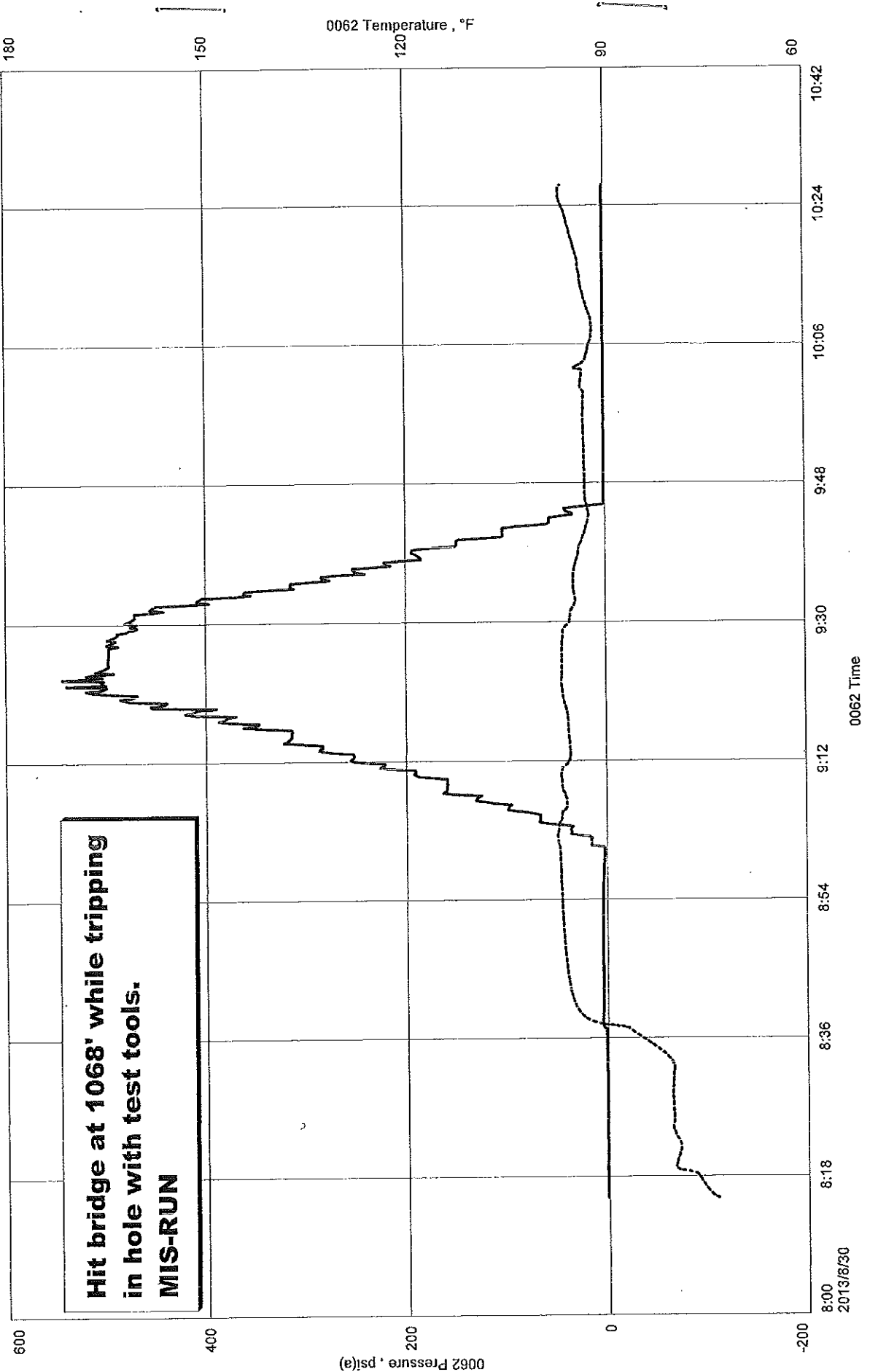
Test Results

Hit bridge at 1068' while tripping in hole with test tools.
MIS-RUN

Vess Oil Corp
DST #5 Arbuckle 3722-3727
Start Test Date: 2013/08/30
Final Test Date: 2013/08/30

Tomcat "B" #3
Formation: Arbuckle 3722-3727
Pool: NA
Job Number: F167

Tomcat "B" #3



**Hit bridge at 1068' while tripping
in hole with test tools.
MIS-RUN**

DST #3 3618-3722' Zone: Cong-Arb
Times: 30-45-45-60
1st open: 4.5" No BB
2nd open: 5.5" No BB
Rec: 20' CO + 60' HOCM (20% oil, 80% mud)
Tool sample – 35% oil, 65% mud

IFP:	14-24	FFP:	27-44
ISIP:	796	FSIP:	792
HYD:	1781-1780	TEMP	110F

DST#4 3722-3727' MIS-RUN Hit a bridge @ 1060'

DST#5 3722-3727' MIS-RUN Hit a bridge @ 1068'

ROGER L. MARTIN

INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY VESS OIL CORPORATION
 LEASE TOMCAT 'B' #3
 FIELD MARCOTTE
 LOCATION 1535' FNL & 1760' FWL
 SECTION 24 TOWNSHIP 10S RANGE 20W
 COUNTY ROOKS STATE KANSAS

ELEVATIONS

KB 2160' GL 2155'

Measurements Are All
From KB

API 15-163-24134-00-00

CONTRACTOR L.D. DRILLING, Rig #1
 SPUD 08/22/2013 COMP 08/31/2013
 RTD 3727' (-1567) LTD n/a

ELECTRICAL SURVEYS

No Open Hole E-logs

CASING

SURFACE 5 jts 8&5/8" surf csg; Set @ 233' w/160 sx Common, 3%CC, 2% gel

PRODUCTION New 5&1/2" 15.5# J-55 casing, set @ 3726' w/100 sx ASC

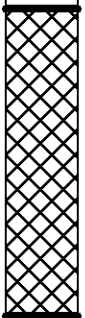
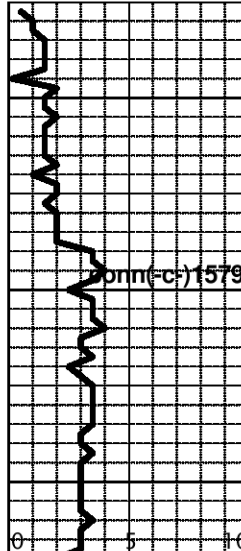
FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
ANHYDRITE		1575' (+585)	
BASE ANHYDRITE		1607' (+553)	08/22/2013- MIRU and Spud @ 8:00 PM. Ran 5 jts 8 5/8" Surface Casing, Tally 225', Set @ 233' w/160 sx Common, 3% CC, 2% Gel. Plug down @ 2:15 AM. Cement did circ by Allied Services.
TOPEKA		3166' (-1006)	
HEEBNER	3375' (-1215)	3373' (-1213)	08/23/2013- 236- Waiting on cement.
TORONTO	3397' (-1237)	3396' (-1236)	08/24/2013- Drilling @ 1579'.
LANSING	3413' (-1253)	3410' (-1250)	08/25/2013- Drilling @ 2500'.
MUNCIE CREEK	3533' (-1373)	3531' (-1371)	08/26/2013- Drilling @ 3229'.
STARK	3594' (-1434)		08/27/2013- DTD 3483'. On bottom for DST #1.
BASE KANSAS CITY	2623' (-1463)	3620' (-1460)	08/28/2013- DTD 3635'. On bottom for DST #2.
CONGLOMERATE	3652' (-1492)	3650' (-1490)	08/29/2013- DTD 3722'. Running DST #3.
ARBUCKLE	3721' (-1561)	3719' (-1559)	08/30/2013- DTD 3727'. Running DST #4. Hit a bridge- POOH w/tool. RIH w/bit TCH. TOOH w/bit to retry DST. Conditioned hole w/bit to bottom, POOH w/bit, RIH w/DST #5 & hit bridge again. POOH w/tool. RIH w/bit & condition to run 5 1/2" casing w/ 6 1/4" conventional tricone rock bit on bottom (has 1.5" center port to cement through).
LTD/RTD	3725' (-1565)	3727' (-1567)	08/31/2013- Run 5 1/2" production casing.

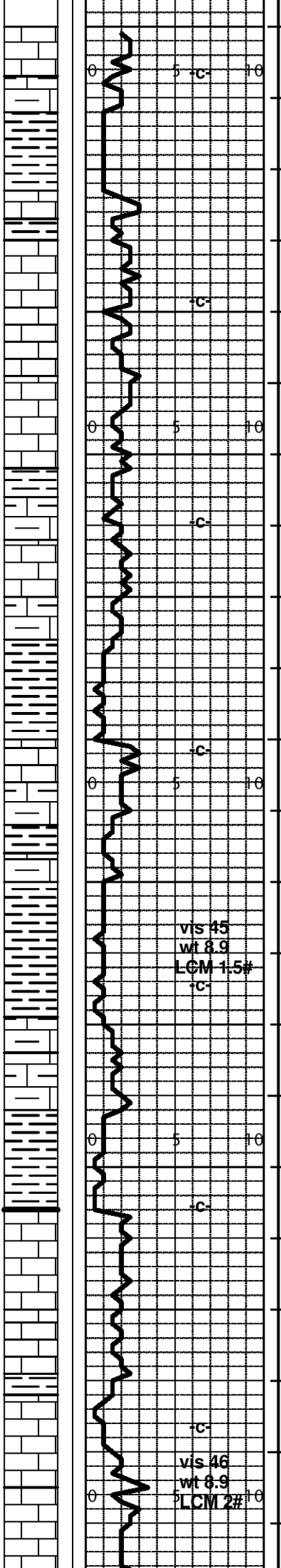
REMARKS: Casing job: 08/31/2013- RIH w/new 5 1/2" 15.5 J-55 API Tenaris casing, float shoe on insert and 6 1/4" bit welded on bottom. Tagged bottom @ 3727'. set casing 1' off bottom @ 3726'. Port collar @ 1593'

set casing 1" on bottom @ 0720. 1" on collar @ 1030.
 Circulated while waiting on Allied. Cemented w/500 gal
 mud flush, 100 sx ASC w/10% salt, 2% gel, 1/4#/sk
 Flo-cele, 5#/sk gilsonite. Plug down @ 11:00 AM w/
 1300 psi held- good lift pressure througout and cellar
 stayed full. Rat hole plugged w/30 sx.

**Cased Hole E-log tops by P. Ramondetta, Geologist. VOC

Respectfully submitted,
 Roger L. Martin, Geologist (Wellsite)

LITH	POROSITY	DRILLING TIME MIN/FT	DST	SAMPLE DESCRIPTION	REMARKS
		<p>550' 2850</p> <p>600' 2900</p> <p>650' 2950</p>		<p>1575' (+585) ANHYDRITE</p> <p>1607' (+553) BASE ANHYDRITE</p>	



-3000 LS: dn to chlky w/VPr- NVP.

SH: VC, gy-blk, sm carb, sm gn-gy, mrn-rd.

LS: cm-tn-gy-wh, mx- fnx, VRr Mdx, sm Pkst, Pred Pr- NVP w/NS; sm chlky, & LS: gy, dn & argil w/VPr- NVP w/NS.

-3050 LS: gy-wh, cm-tn, Pred dn- Mdst- Wkst w/VPr- NVP, NS.

SH: AA.

LS: wh-tn-gy, sm mot- fos Pkst & Wkst & mx- fnxln, sm chlky, VPr- NVP w/ NS, sm argil.

SH: VC- gy-blk, sm carb & gn & mrn-rd.

-3100 LS: gy-tn-cm, sm mot Pkst- Wkst, sm argil & dn Mdst, VPr- NVP, NS.

sm argil- shly LS- Mdst.

SH: lt-dk gy & gn, sm blk carb, mrn-rd.

vis 45
wt 8.9
LCM 1.5#

LS: dn & argil Mdst.

LS: gy-tn-wh, sm mot Pkst- Wkst, sm argil, VPr- NVP w/NS.

-3150 SH: AA.

{TOPEKA} LS: gy-tn-wh, Pred dn- Mdst- Wkst, Rr Pkst w/Pr- NVP, NS.

LS: wh-gy-tn, mot Wkst- Pkst- grnlr, VPr- Pr IGr Por, sm chlky, sm 2nd ReX, Trc SFO- STN- Cut, sm argil- silty-shly.

LS: cm-bf-gy-tn, mx- Vfnxln, sm msucro, sm grnlr Pkst, Pr- Fr visbl Por: mIX Por, IGr Por, pp- vug Por, sm chlky, <5% w/spt'd- sat STN, VSI SFO, sm sqr- dd Oil, sm barren Por.

-3200 LS: gy, dn & argil Mdst & SH: gy & blk carb.

****10' DRILLING SAMPLES****

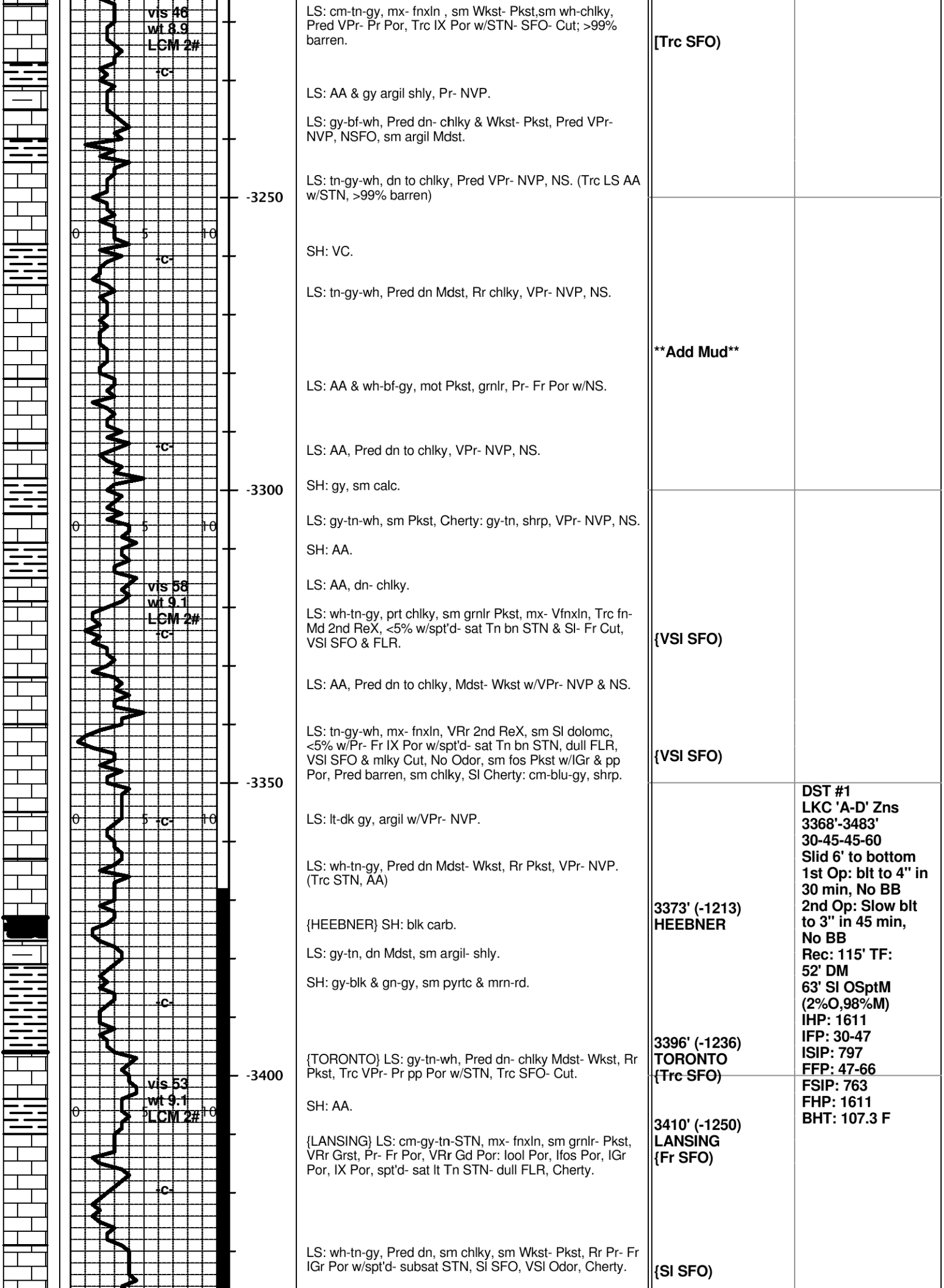
****Add Mud****

**3166' (-1006)
TOPEKA**

{Trc SFO}

{VSI SFO}

****Add Mud****



vis 46
wt 8.9
LCM 2#

LS: cm-tn-gy, mx- fnxln , sm Wkst- Pkst,sm wh-chlky, Pred VPr- Pr Por, Trc IX Por w/STN- SFO- Cut; >99% barren.

{Trc SFO}

LS: AA & gy argil shly, Pr- NVP.

LS: gy-bf-wh, Pred dn- chlky & Wkst- Pkst, Pred VPr- NVP, NSFO, sm argil Mdst.

-3250

LS: tn-gy-wh, dn to chlky, Pred VPr- NVP, NS. (Trc LS AA w/STN, >99% barren)

SH: VC.

LS: tn-gy-wh, Pred dn Mdst, Rr chlky, VPr- NVP, NS.

Add Mud

LS: AA & wh-bf-gy, mot Pkst, grnlr, Pr- Fr Por w/NS.

LS: AA, Pred dn to chlky, VPr- NVP, NS.

-3300

SH: gy, sm calc.

LS: gy-tn-wh, sm Pkst, Cherty: gy-tn, shrp, VPr- NVP, NS.

SH: AA.

LS: AA, dn- chlky.

vis 58
wt 9.1
LCM 2#

LS: wh-tn-gy, prt chlky, sm grnlr Pkst, mx- Vfnxln, Trc fr- Md 2nd ReX, <5% w/spt'd- sat Tn bn STN & SI- Fr Cut, VSI SFO & FLR.

{VSI SFO}

LS: AA, Pred dn to chlky, Mdst- Wkst w/VPr- NVP & NS.

-3350

LS: tn-gy-wh, mx- fnxln, VRr 2nd ReX, sm SI dolomc, <5% w/Pr- Fr IX Por w/spt'd- sat Tn bn STN, dull FLR, VSI SFO & milky Cut, No Odor, sm fos Pkst w/IGr & pp Por, Pred barren, sm chlky, SI Cherty: cm-blu-gy, shrp.

{VSI SFO}

LS: lt-dk gy, argil w/VPr- NVP.

LS: wh-tn-gy, Pred dn Mdst- Wkst, Rr Pkst, VPr- NVP. (Trc STN, AA)

3373' (-1213)
HEEBNER

{HEEBNER} SH: blk carb.

LS: gy-tn, dn Mdst, sm argil- shly.

SH: gy-blk & gn-gy, sm pyrte & mrrn-rd.

3396' (-1236)
TORONTO
{Trc SFO}

-3400

{TORONTO} LS: gy-tn-wh, Pred dn- chlky Mdst- Wkst, Rr Pkst, Trc VPr- Pr pp Por w/STN, Trc SFO- Cut.

SH: AA.

vis 53
wt 9.1
LCM 2#

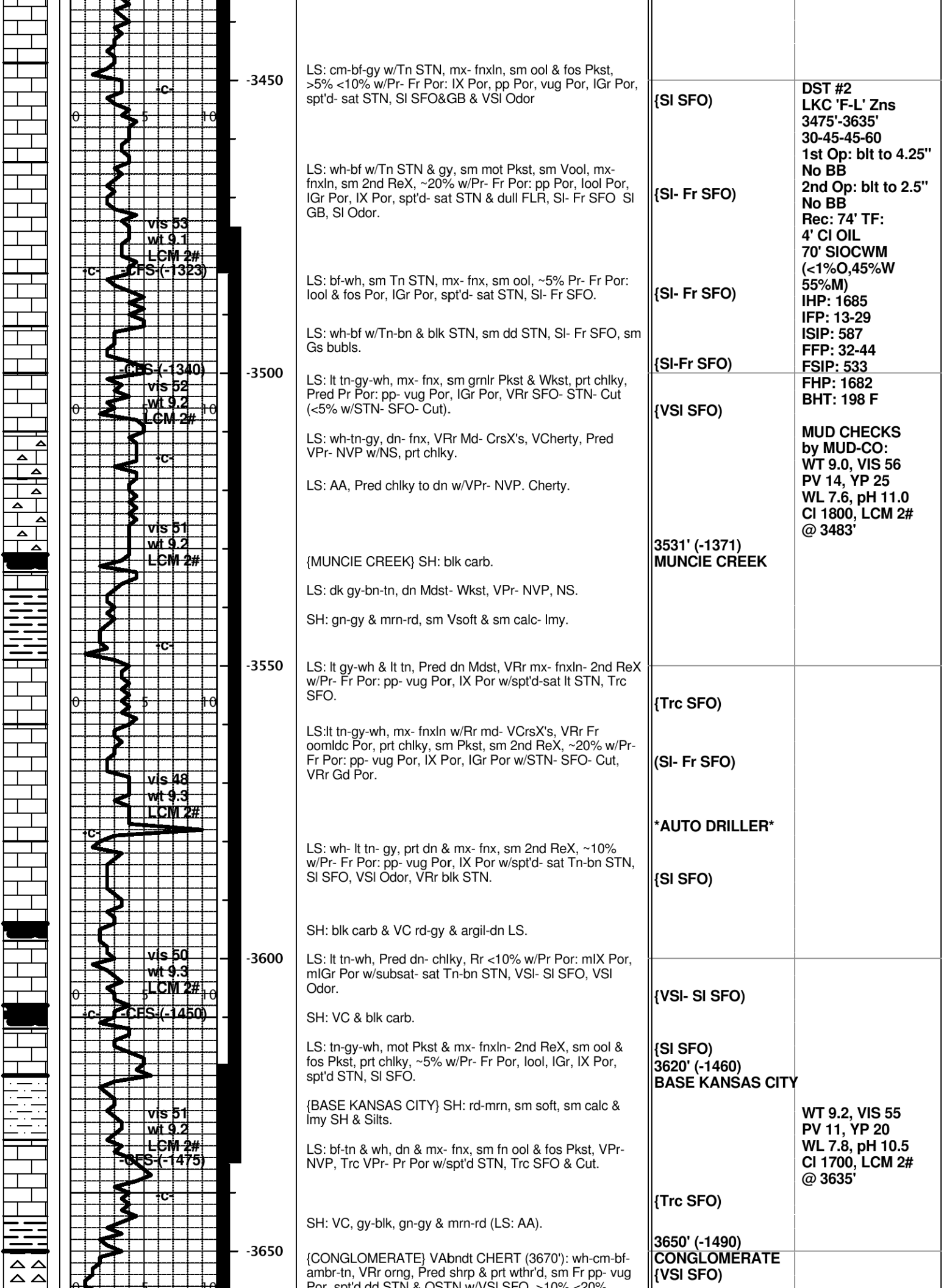
{LANSING} LS: cm-gy-tn-STN, mx- fnxln, sm grnlr- Pkst, VRr Grst, Pr- Fr Por, VRr Gd Por: lool Por, Ifos Por, IGr Por, IX Por, spt'd- sat lt Tn STN- dull FLR, Cherty.

3410' (-1250)
LANSING
{Fr SFO}

LS: wh-tn-gy, Pred dn, sm chlky, sm Wkst- Pkst, Rr Pr- Fr IGr Por w/spt'd- subsat STN, SI SFO, VSI Odor, Cherty.

{SI SFO}

DST #1
LKC 'A-D' Zns
3368'-3483'
30-45-45-60
Slid 6' to bottom
1st Op: blt to 4" in
30 min, No BB
2nd Op: Slow blt
to 3" in 45 min,
No BB
Rec: 115' TF:
52' DM
63' SI OSptM
(2%O,98%M)
IHP: 1611
IFP: 30-47
ISIP: 797
FFP: 47-66
FSIP: 763
FHP: 1611
BHT: 107.3 F



-3450
-3500
-3550
-3600
-3650

LS: cm-bf-gy w/Tn STN, mx- fnxln, sm ool & fos Pkst, >5% <10% w/Pr- Fr Por: IX Por, pp Por, vug Por, IGr Por, spt'd- sat STN, SI SFO&GB & VSI Odor

LS: wh-bf w/Tn STN & gy, sm mot Pkst, sm Vool, mx- fnxln, sm 2nd ReX, ~20% w/Pr- Fr Por: pp Por, lool Por, IGr Por, IX Por, spt'd- sat STN & dull FLR, SI- Fr SFO SI GB, SI Odor.

LS: bf-wh, sm Tn STN, mx- fnx, sm ool, ~5% Pr- Fr Por: lool & fos Por, IGr Por, spt'd- sat STN, SI- Fr SFO.

LS: wh-bf w/Tn-bn & blk STN, sm dd STN, SI- Fr SFO, sm Gs bubls.

LS: lt tn-gy-wh, mx- fnx, sm gnrlr Pkst & Wkst, prt chlky, Pred Pr Por: pp- vug Por, IGr Por, VRr SFO- STN- Cut (<5% w/STN- SFO- Cut).

LS: wh-tn-gy, dn- fnx, VRr Md- CrsX's, VCherty, Pred VPr- NVP w/NS, prt chlky.

LS: AA, Pred chlky to dn w/VPr- NVP. Cherty.

{MUNCIE CREEK} SH: blk carb.

LS: dk gy-bn-tn, dn Mdst- Wkst, VPr- NVP, NS.

SH: gn-gy & mrn-rd, sm Vsoft & sm calc- lmy.

LS: lt gy-wh & lt tn, Pred dn Mdst, VRr mx- fnxln- 2nd ReX w/Pr- Fr Por: pp- vug Por, IX Por w/spt'd-sat lt STN, Trc SFO.

LS:lt tn-gy-wh, mx- fnxln w/Rr md- VCrsX's, VRr Fr oomldc Por, prt chlky, sm Pkst, sm 2nd ReX, ~20% w/Pr- Fr Por: pp- vug Por, IX Por, IGr Por w/STN- SFO- Cut, VRr Gd Por.

LS: wh- lt tn- gy, prt dn & mx- fnx, sm 2nd ReX, ~10% w/Pr- Fr Por: pp- vug Por, IX Por w/spt'd- sat Tn-bn STN, SI SFO, VSI Odor, VRr blk STN.

SH: blk carb & VC rd-gy & argil-dn LS.

LS: lt tn-wh, Pred dn- chlky, Rr <10% w/Pr Por: mIX Por, mIGr Por w/subsat- sat Tn-bn STN, VSI- SI SFO, VSI Odor.

SH: VC & blk carb.

LS: tn-gy-wh, mot Pkst & mx- fnxln- 2nd ReX, sm ool & fos Pkst, prt chlky, ~5% w/Pr- Fr Por, lool, IGr, IX Por, spt'd STN, SI SFO.

{BASE KANSAS CITY} SH: rd-mrn, sm soft, sm calc & lmy SH & Silts.

LS: bf-tn & wh, dn & mx- fnx, sm fn ool & fos Pkst, VPr- NVP, Trc VPr- Pr Por w/spt'd STN, Trc SFO & Cut.

SH: VC, gy-blk, gn-gy & mrn-rd (LS: AA).

{CONGLOMERATE} VAbndt CHERT (3670'): wh-cm-bf-ambr-tn, VRr org, Pred shrp & prt wthr'd, sm Fr pp- vug Por, spt'd dd STN & OSTN w/VSI SFO <10% <20%

{SI SFO}

{SI- Fr SFO}

{SI- Fr SFO}

{SI-Fr SFO}

{VSI SFO}

3531' (-1371)
MUNCIE CREEK

{Trc SFO}

{SI- Fr SFO}

AUTO DRILLER

{SI SFO}

{VSI- SI SFO}

{SI SFO}

3620' (-1460)
BASE KANSAS CITY

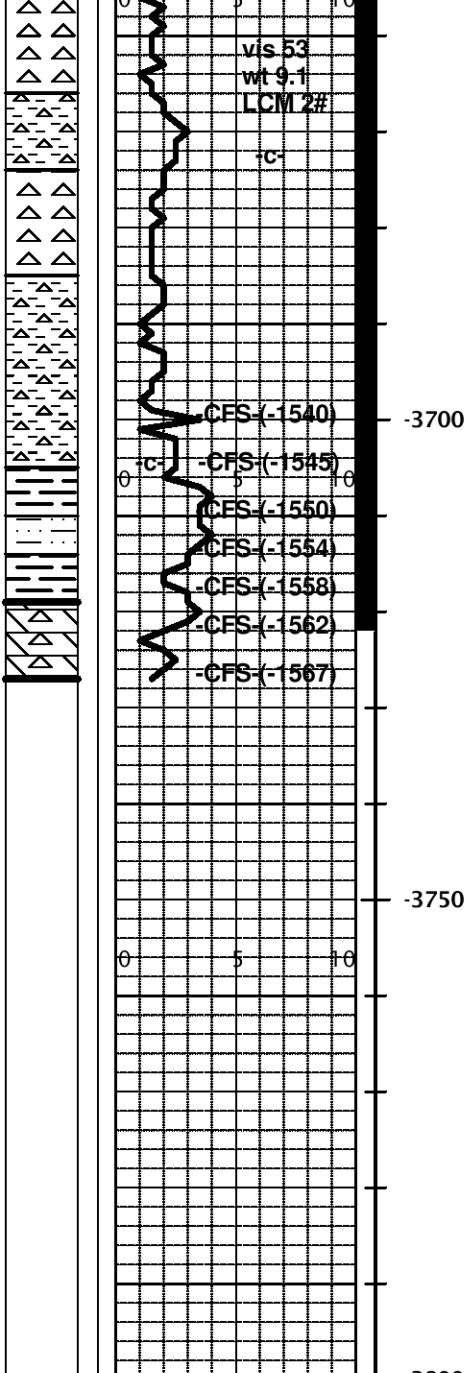
{Trc SFO}

3650' (-1490)
CONGLOMERATE
{VSI SFO}

DST #2
LKC 'F-L' Zns
3475'-3635'
30-45-45-60
1st Op: blt to 4.25"
No BB
2nd Op: blt to 2.5"
No BB
Rec: 74' TF:
4' CI OIL
70' SIOCWM
(<1%O,45%W
55%M)
IHP: 1685
IFP: 13-29
ISIP: 587
FFP: 32-44
FSIP: 533
FHP: 1682
BHT: 198 F

MUD CHECKS
by MUD-CO:
WT 9.0, VIS 56
PV 14, YP 25
WL 7.6, pH 11.0
CI 1800, LCM 2#
@ 3483'

WT 9.2, VIS 55
PV 11, YP 20
WL 7.8, pH 10.5
CI 1700, LCM 2#
@ 3635'



Por, spt'd STN & CUT w/ Fr SFO, <10% <20% semiTripolc w/Fr- Gd Por w/spt'd blk-bn STN, VSI SFO, SI- Fr Cut & sm dd STN, Trc Qtzc Chert.

SH: mrrn-rd & gn-gy; & CHERT: AA, sm shly.

CHERT: AA, Incrs wthr'd w/Por & dd STN, VRr VSI SFO & STN & Cut, ~10% w/spt'd dd STN, NFO.

CHERT: bf-ambr-tn-ornng & cm-wh, VC, prt shrp, prt wthr'd, Rr semiTripolc w/Por, Pred Pr visbl Por- NVP w/NFO. (Trc SFO- STN, AA) VRr Fr- VGd Por: vug Por, I Gr Por, Tripolc Por, <10% spt'd dd STN, Trc STN- SFO- FLR- Cut; sm shly Chert; & SH: AA.

Shrp Incrs in SH in 3705' Circ spls: mrrn-rd, gy-blk. (3710'&3714'circ.spls) Incrs VC SH. SH: AA & Sd Clust: ambr-gy, Vfn-fn Gr'd, silty, well cmt'd, VPr- Pr Por, VRr dd STN, NFO. SH: Turq-gn. (3718' 40min spl) CHERT: AA & sm LS: AA & SH: VC: gn-Turq-aqua & mrrn-rd, sm Sdy Silts & Silty Sd Clust: ambr & mrrn-rd, Vfn-fn Gr'd, well cmt'd, Rr pyrct, VRr dd STN, Rr Free Sd Gr's: Md-VCrs, subanglr- well rnd'd, Trc Md-Crs Sd Clust w/NFO. (3718' 1hr spl) AA, SI Incrs F.Sd Gr's, AA.

{ARBUCKLE} {3722' 20min spl} Pred AA w <5% ARB DOLO: cm-bf & tn-bn STN, sm mx- VfnXln - dn to Pr Por, sm VfnXln- prt MdXln w/Fr- Gd vug Por, IX Por w/subsat-sat STN & spt'd FLR, Fr- Gd SFO & Cut, SI Odor, VAbndt Chert: AA & sm bf-tn & cm ool Arb shrp Chert. (3722' 40 min spl) Shrp Incrs ARB DOLO: (>60%) bf-Tn & rich bf-STN, sm mx- fnXln, dn- Pr visbl Por, sm fnXln- prt MdXln, sucro- VRr rhmbc; ~20% w/Fr Por: IX Por & vug Por, subsat-sat STN, Fr- Gd SFO & Cut, ~10% Gd Por w/sat STN w/Gd SFO- Cut; sm mot & grnlr fragmentl Dolo w/sm ghost ool's. Cherty: (~10%) cm-gy, sm ool & Dolo Chert, Frly Strng Odor. (3722' 60min spl) ARB DOLO: AA, Incrs rich Tn-bn STN, fnXln- prt MdXln- 2nd ReX, >20% <30% w/Fr Por" IX Por, vug Por w/subsat- sat STN & spt'd brt FLR, Fr- Gd SFO & Cut w/~10% Gd IX Por, vug Por w/sat STN, Gd SFO & Cut, Frly Strng Odor, Rr pyrct, SI Cherty. (3727' 20 min spl) DOLO: Abndt rich bn-STN, Vfn-fnXln, sucro w/Fr- Gd IX Por & sat- subsat STN & Fr- Gd SFO & Cut, VRr prt MdXln AA. >50% Fr- Gd Por w/STN- SFO- Cut. (3727' 40min.spl) DOLO: rich bn- STN, & bf-tn, mx-fnXln, sm dn, pred sucro; >50% w/ Fr-Gd Por: IXP w/ subsat- sat STN, & Fr-Gd SFO & Cut; sm dn w/ pr visbl Por & prt Barren; SI Chrty; Frly Strong Odor. (3727' 1hr.spl) DOLO: AA; SI incrs in prt dn DOLO: bf-tn, mx-fnXln, sm pyrct, sm pr-Fr Por w/ spt'd STN & SISFO&Cut; & sm w/ Fr-Gd Por w/ subsat-sat STN & Fr-Gd SFO- AA; Fr Odor; (incrs SH & Chert & LS: AA).

{VSI SFO}

{Trc SFO}

3719' (-1559)
ARBUCKLE
{Fr- Gd SFO}
RTD: 3727'(-1567)

VESS OIL CORP
TOMCAT 'B' #3
1535'FNL&1760'FWL
Sec 24-10S-20W
ROOKS CO., KS
15-163-24134-0000

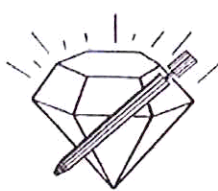
DST #3
Congl-Arb
3618'-3722'
30-45-45-60
1st Op: blt to
4.5", No BB
2nd Op: blt to
5.5", No BB
Rec: 80' TF:
20' CI Oil,
60' HOCM
(20%O,80%M)
TOOL SPL:
35%O,65%M
IHP: 1781
IFP: 14-24
ISIP: 796
FFP: 27-44
FSIP: 792
FHP: 1780
BHT: 110 F

DST #4- MISRUN
Hit bridge @ 1060'

DST #5- MISRUN
Hit bridge @ 1068'

WT 9,2, VIS 54
PV 12, YP 23
WL 8.0, pH 10.0
CI 1900, LCM 2#
@ 3722'

WT 9,3, VIS 58
PV 15, YP 22
WL 8.0, pH 10.0
CI 2100, LCM 2#
@ 3727'



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: TOMCATB3DST1

TIME ON: on loc. 3:10 AM / Batt. on 3:42 AM
TIME OFF: 10:42 AM

Company Vess Oil Corp. Lease & Well No. Tomcat "B" #3
Contractor LD Drilling Charge to Vess Oil Corp.
Elevation 2160' KB Formation Totonto - L/KC "D" Effective Pay _____ Ft. Ticket No. F163
Date 8-27-2013 Sec. 24 Twp. 10 S Range 20 W County Rooks State KANSAS
Test Approved By Roger Martin Diamond Representative Jake Fahrenbruch

Formation Test No. ONE Interval Tested from 3368 ft. to 3483 ft. Total Depth 3483 ft.
Packer Depth 3363 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3468 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3349 ft. Recorder Number _____ 0062 Cap. _____ 5,000 P.S.I.

Bottom Recorder Depth (Outside) _____ 3480 ft. Recorder Number _____ 11033 Cap. _____ 5,150 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Chemical _____ Viscosity _____ 53 Drill Collar Length _____ ft. I.D. _____ 2 1/4 in.

Weight _____ 9.1 Water Loss _____ 7.6 cc. Weight Pipe Length _____ ft. I.D. _____ 2 7/8 in

Chlorides _____ 1700 P.P.M. Drill Pipe Length _____ 3335 ft. I.D. _____ 3 1/2 in

Jars: Make _____ STERLING Serial Number _____ #5 Test Tool Length _____ 33 ft. Tool Size _____ 3 1/2-IF in

Did Well Flow? _____ NO Reversed Out _____ NO Anchor Length _____ 115 ft. Size _____ 4 1/2-FH in

Main Hole Size _____ 7 7/8 Tool Joint Size _____ 4 1/2 XH in. Surface Choke Size _____ 1 in. Bottom Choke Size _____ 5/8 in

Blow: 1st Open: 1" blow, increased to 4". No blowback. (Tool slid 6' to bottom.)

2nd Open: Surface blow in 7 minutes, increased to 3". No blowback.

Recovered _____ 52 ft. of Drlg Mud	100% mud
Recovered _____ 63 ft. of SOSM	<1% oil, >99% mud
Recovered _____ ---- ft. of	Total Recovered Fluid: 115'
Recovered _____ ---- ft. of	Tool Sample: OSM 2% oil, 98% mud
Recovered _____ ft. of	Price Job
Recovered _____ ft. of	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) _____ 5:45 AM A.M. P.M. Time Started Off Bottom _____ 8:45 AM A.M. P.M. Maximum Temperature _____ 107 Deg F

Initial Hydrostatic Pressure..... (A) _____ 1611 P.S.I.

Initial Flow Period..... Minutes _____ 30 (B) _____ 30 P.S.I. to (C) _____ 47 P.S.I.

Initial Closed In Period..... Minutes _____ 45 (D) _____ 797 P.S.I.

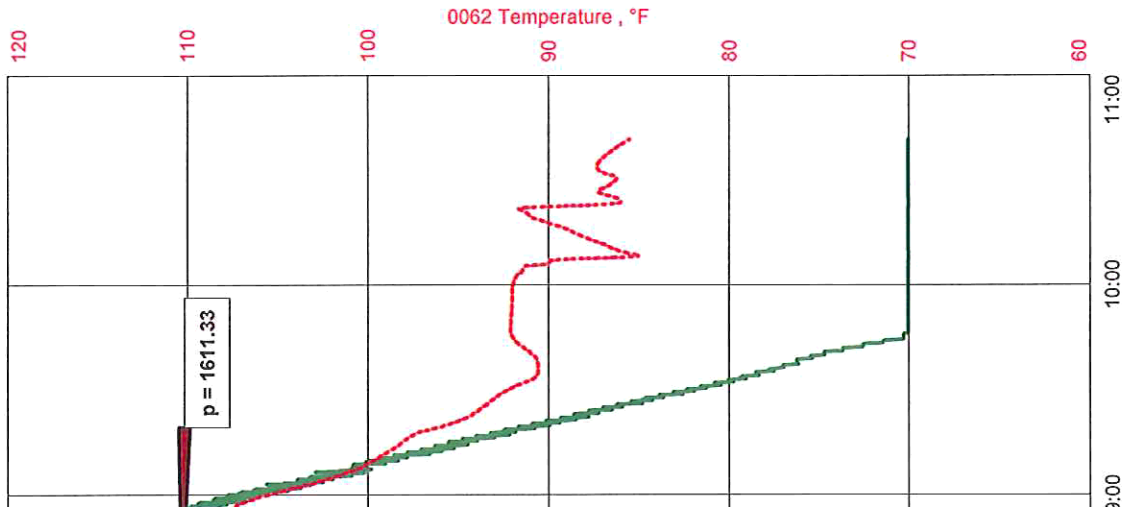
Final Flow Period..... Minutes _____ 45 (E) _____ 47 P.S.I. to (F) _____ 66 P.S.I.

Final Closed In Period..... Minutes _____ 60 (G) _____ 763 P.S.I.

Final Hydrostatic Pressure..... (H) _____ 1611 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Tomcat "B" #3
 Formation: Toronto - L/KC "D" 3368'-3483'
 Pool: NA
 Job Number: F163



Fast

Vess Oil Corp.
 DST #1 Toronto - L/KC "D" 3368'-3483'
 Start Test Date: 2013/08/27
 Final Test Date: 2013/08/27

Tomcat "B" #3



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: TOMCATB3DST2

TIME ON: on loc. 6:08 AM / Batt. on 6:18 AM
 TIME OFF: 1:47 PM

Company Vess Oil Corp. Lease & Well No. Tomcat "B" #3
 Contractor LD Drilling Charge to Vess Oil Corp.
 Elevation 2160' KB Formation L/KC 'G&H' Effective Pay _____ Ft. Ticket No. F164
 Date 8-28-2103 Sec. 24 Twp. 10 S Range 20 W County Rooks State KANSAS
 Test Approved By Roger Martin Diamond Representative Jake Fahrenbruch

Formation Test No. TWO Interval Tested from 3475 ft. to 3635 ft. Total Depth 3635 ft.
 Packer Depth 3470 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3475 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3456 ft. Recorder Number _____ 0062 Cap. _____ 5,000 P.S.I.

Bottom Recorder Depth (Outside) _____ 3632 ft. Recorder Number _____ 11033 Cap. _____ 5,150 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Chemical _____ Viscosity _____ 53 Drill Collar Length _____ ft. I.D. _____ 2 1/4 in.

Weight _____ 9.2 Water Loss _____ 7.8 cc. Weight Pipe Length _____ ft. I.D. _____ 2 7/8 in

Chlorides _____ 1700 P.P.M. Drill Pipe Length _____ 3442 ft. I.D. _____ 3 1/2 in

Jars: Make _____ STERLING Serial Number _____ #5 Test Tool Length _____ 33 ft. Tool Size _____ 3 1/2-IF in

Did Well Flow? _____ NO Reversed Out _____ NO Anchor Length _____ 160 ft. Size _____ 4 1/2-FH in

Main Hole Size _____ 7 7/8 Tool Joint Size _____ 4 1/2 XH in. ^{30' PERF (4' top, 26' btm)} Surface Choke Size _____ 1 in. Bottom Choke Size _____ 5/8 in

Blow: 1st Open: Half inch blow, increased to 4.25". No blowback.

2nd Open: Surface blow in 5 minutes, increased to 2.5". No blowback.

Recovered _____ 4 ft. of Clean Oil (31 gravity)	
Recovered _____ 70 ft. of SOSWM <1% oil, 45% wtr, 55% mud	
Recovered _____ ---- ft. of Total Recovered Fluid: 74'	
Recovered _____ ---- ft. of Tool Sample: OCMW 10% oil, 50% wtr, 40% mud	
Recovered _____ ---- ft. of Chlorides: 34,000 PPM	Price Job
Recovered _____ ---- ft. of PH: 9.0	Other Charges
Remarks: (RW meter broken, no check.)	Insurance
	Total

Time Set Packer(s) _____ 8:10 AM _____ A.M. _____ P.M. Time Started Off Bottom _____ 11:10 AM _____ A.M. _____ P.M. Maximum Temperature _____ 108 Deg F

Initial Hydrostatic Pressure..... (A) _____ 1685 P.S.I.

Initial Flow Period..... Minutes _____ 30 (B) _____ 13 P.S.I. to (C) _____ 29 P.S.I.

Initial Closed In Period..... Minutes _____ 45 (D) _____ 587 P.S.I.

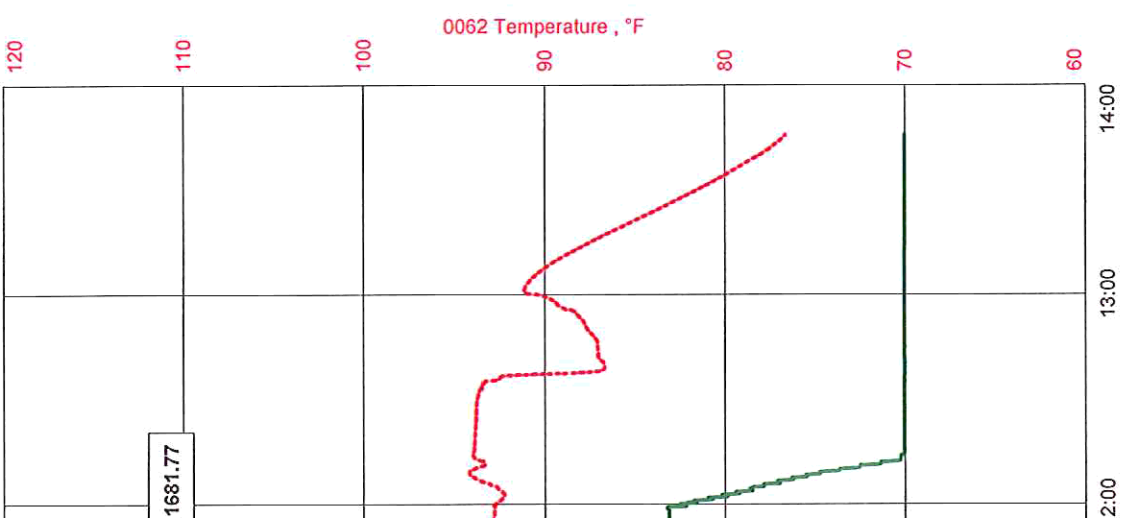
Final Flow Period..... Minutes _____ 45 (E) _____ 32 P.S.I. to (F) _____ 44 P.S.I.

Final Closed In Period..... Minutes _____ 60 (G) _____ 533 P.S.I.

Final Hydrostatic Pressure..... (H) _____ 1682 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

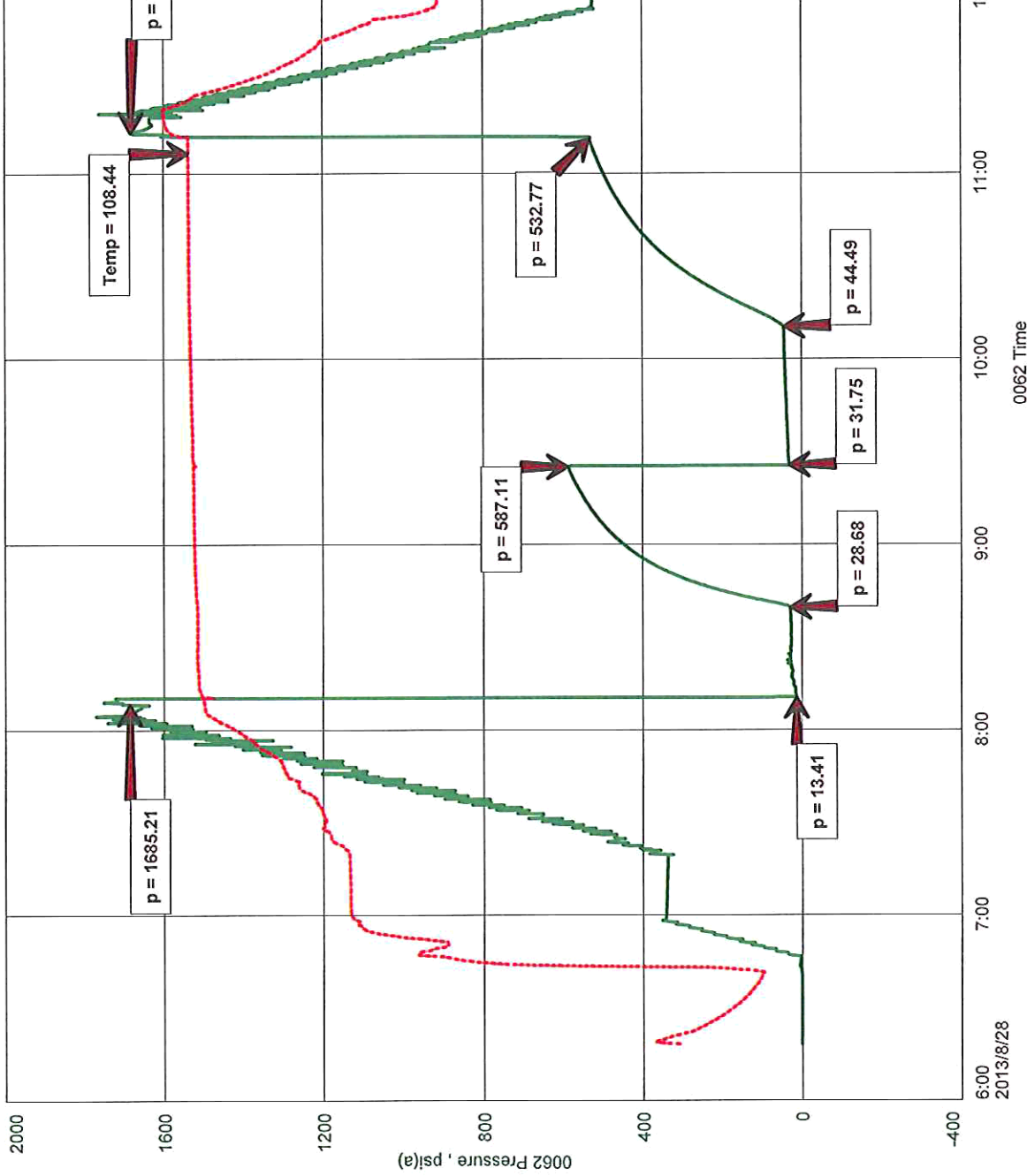
Tomcat "B" #3
 Formation: L/KC 'G&H' 3475'-3635'
 Pool: NA
 Job Number: F164



Fast

Vess Oil Corp.
 DST #2 L/KC 'G&H' 3475'-3635'
 Start Test Date: 2013/08/28
 Final Test Date: 2013/08/28

Tomcat "B" #3



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: TOMCATB3DST3

TIME ON: on loc: 6:40 AM / Ball on 6:50 AM
 TIME OFF: 2:09 PM

Company Vess Oil Corp. Lease & Well No. Tomcat "B" #3
 Contractor LD Drilling Charge to Vess Oil Corp.
 Elevation 2160' KB Formation _____ Arbuckle Effective Pay _____ Ft. Ticket No. F165
 Date 8-29-2013 Sec. 24 Twp. _____ 10 S Range _____ 20 W County _____ Rooks State KANSAS
 Test Approved By Roger Martin Diamond Representative Jake Fahrenbruch

Formation Test No. THREE Interval Tested from 3618 ft. to 3722 ft. Total Depth 3722 ft.
 Packer Depth 3613 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3618 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3597 ft. Recorder Number _____ 0062 Cap. _____ 5,000 P.S.I.

Bottom Recorder Depth (Outside) _____ 3719 ft. Recorder Number _____ 11033 Cap. _____ 5,150 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Chemical _____ Viscosity _____ 54 Drill Collar Length _____ ft. I.D. _____ 2 1/4 in.

Weight _____ 9.2 Water Loss _____ 8.0 cc. Weight Pipe Length _____ ft. I.D. _____ 2 7/8 in

Chlorides _____ 1900 P.P.M. Drill Pipe Length _____ 3585 ft. I.D. _____ 3 1/2 in

Jars: Make _____ STERLING Serial Number _____ #5 Test Tool Length _____ 33 ft. Tool Size _____ 3 1/2-IF in

Did Well Flow? _____ NO Reversed Out _____ NO Anchor Length _____ 104 ft. Size _____ 4 1/2-FH in

Main Hole Size _____ 7 7/8 Tool Joint Size _____ 4 1/2 XH in. Surface Choke Size _____ 1 in. Bottom Choke Size _____ 5/8 in

Blow: 1st Open: Surface blow, increased to 4.5". No blowback.

2nd Open: Surface blow, increased to 5.5". No blowback.

Recovered _____ 20 ft. of Clean Oil (24 Corrected Gravity)

Recovered _____ 60 ft. of HOCM 20% oil, 80% mud

Recovered _____ ---- ft. of Total Recovered Fluid: 80'

Recovered _____ ---- ft. of Tool Sample: Oily Mud 35% oil, 65% mud

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) _____ 9:00 AM A.M. P.M. Time Started Off Bottom _____ 12:00 PM A.M. P.M. Maximum Temperature _____ 110 Deg F

Initial Hydrostatic Pressure..... (A) _____ 1781 P.S.I.

Initial Flow Period..... Minutes _____ 30 (B) _____ 14 P.S.I. to (C) _____ 24 P.S.I.

Initial Closed In Period..... Minutes _____ 45 (D) _____ 796 P.S.I.

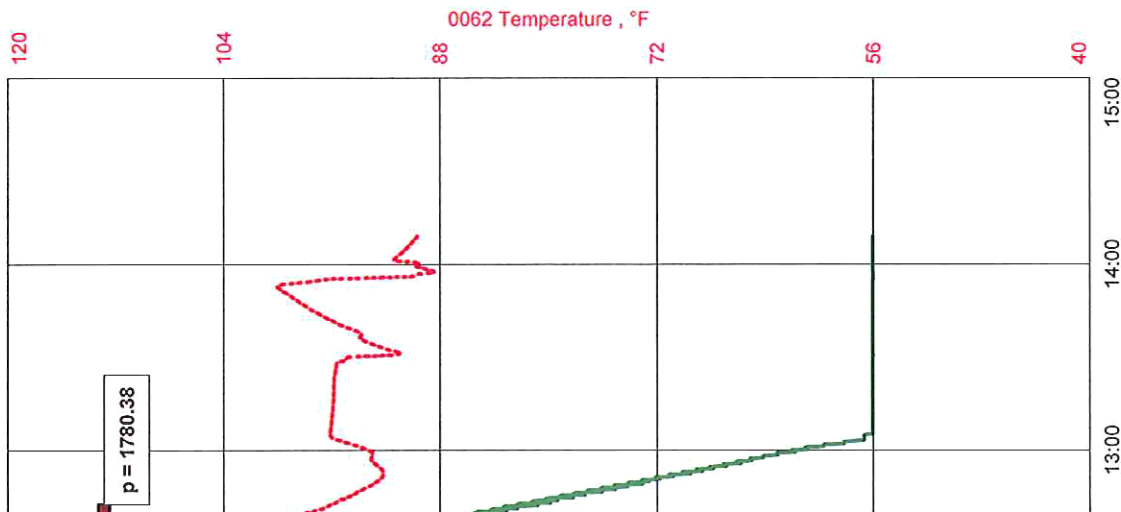
Final Flow Period..... Minutes _____ 45 (E) _____ 27 P.S.I. to (F) _____ 44 P.S.I.

Final Closed In Period..... Minutes _____ 60 (G) _____ 792 P.S.I.

Final Hydrostatic Pressure..... (H) _____ 1780 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Tomcat 'B' #3
 Formation: Arbuckle 3618'-3722'
 Pool: NA
 Job Number: F165



Fast

Vess Oil Corp.
DST #3 Arbuckle 3618'-3722'
Start Test Date: 2013/08/29
Final Test Date: 2013/08/29

Tomcat 'B' #3

