



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1169974
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: _____

1169974

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)*

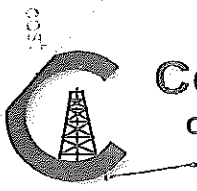
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	--	---



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

NOV 14 2013

INVOICE

Invoice # 263789

=====
Invoice Date: 11/12/2013 Terms: 0/0/30,n/30 Page 1
=====

VESS OIL CORPORATION
1700 WATER FRONT PKWAY BLD 500
WICHITA KS 67206
(316) 682-1537

HESS A #34
43720
18-26-5E
11-05-2013
KS

=====

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	150.00	15.7000	2355.00
1102	CALCIUM CHLORIDE (50#)	350.00	.7800	273.00
1107	FLO-SEAL (25#)	75.00	2.4700	185.25

Description	Hours	Unit Price	Total
446 CEMENT PUMP (SURFACE)	1.00	870.00	870.00
446 EQUIPMENT MILEAGE (ONE WAY)	10.00	.00	.00
491 MIN. BULK DELIVERY	1.00	368.00	368.00

=====
Parts: 2813.25 Freight: .00 Tax: 180.05 AR 4231.30
Labor: .00 Misc: .00 Total: 4231.30
Sublt: .00 Supplies: .00 Change: .00
=====

Signed _____ Date _____

BARTLESVILLE, OK 918/338-0808 EL DORADO, KS 316/322-7022 EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650



263789

TICKET NUMBER 43720
 LOCATION 180
 FOREMAN Jacob Storm

0 Box 884, Chanute, KS 66720
 20-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT Api B-015-24000-00-00

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-5-13	8511	Hess A 34	18	26	SE	Butler
CUSTOMER <u>Hess Oil</u>						
MAILING ADDRESS <u>1700 waterfront parkway Bld 500</u>						
CITY <u>Wichita</u> STATE <u>KS</u> ZIP CODE <u>67206</u>						
			TRUCK #	DRIVER	TRUCK #	DRIVER
			446	Josh		
			491	Jeremy M		
			702	Jacob		

OB TYPE Surface B HOLE SIZE 12 1/4 HOLE DEPTH 263 CASING SIZE & WEIGHT 85/8
 CASING DEPTH 252 DRILL PIPE N/A TUBING N/A OTHER _____
 CARRY WEIGHT 14.5 SLURRY VOL 3,150 WATER gal/sk 6,000 CEMENT LEFT IN CASING 160
 DISPLACEMENT 15.75 DISPLACEMENT PSI 400 MIX PSI 200 RATE 6.6 bpm

REMARKS: Salty meeting, Break circulation, pump 10 bbl water flush
mix 150 sks class A, 3% cc, 1/2 lb poly-flake per sk, displaced
with 14.5 bbl circulating cement to surface. Shut in.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE	870.00	870.00 ✓
5406	10	MILEAGE	4.20	N/C ✓
5407	1	min bulk delivery	368.00	368.00 ✓
1104 S	150	Class A	15.70	2355.00 ✓
1102	350	calcium chloride	.78	273.00 ✓
1107	25	poly-flake	2.47	185.25 ✓
			Subtotal	4051.25
			SALES TAX <u>6.4</u>	180.05 ✓
			ESTIMATED TOTAL	4231.30

AUTHORIZATION [Signature] TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

NOV 15 2013

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 263915

Invoice Date: 11/13/2013 Terms: 0/0/30,n/30 Page 1

VESS OIL CORPORATION
1700 WATER FRONT PKWAY BLD 500
WICHITA KS 67206
(316) 682-1537

HESS A #34
43769
18-26-05
11-11-2013
KS

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	115.00	13.1800	1515.70
1118B	PREMIUM GEL / BENTONITE	460.00	.2200	101.20

Description	Hours	Unit Price	Total
502 MIN. BULK DELIVERY	1.00	368.00	368.00
603 P & A NEW WELL	1.00	1085.00	1085.00
603 EQUIPMENT MILEAGE (ONE WAY)	6.00	4.20	25.20

Parts:	1616.90	Freight:	.00	Tax:	103.48	AR	3198.58
Labor:	.00	Misc:	.00	Total:	3198.58		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed _____

Date _____

BARTLESVILLE, OK 918/338-0808 EL DORADO, KS 316/322-7022 EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 68720
620-431-9210 or 800-467-8676

263915

TICKET NUMBER 43769
LOCATION 180
FOREMAN Jeff Shell

FIELD TICKET & TREATMENT REPORT

CEMENT API 15-015-24000-00-00

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/11/13	8511	Hess A #34	18	26	05	Butler
CUSTOMER			TRUCK #		DRIVER	
Vess oil Corp.			603		Jeremy A	
MAILING ADDRESS			502		Terald D.	
1700 Waterfront Pkway BLD 500			539		Jeff S	
CITY			STATE		ZIP CODE	
Wichita			KS		67206	

JOB TYPE Plug B HOLE SIZE 7 7/8 HOLE DEPTH 2720 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting brake circ pumped 35.5 SKS of 60/40 Poz mix
4% Gel at 2665ft Pulled Pipe up to 300ft Pumped 35.5 SKS
60/40 Poz mix Pulled Pipe up to 60ft pumped 25.5 SKS 60/40
Poz mix 4% Gel to surface Plugged Rgt hole with 20.5 SKS
60/40 Poz mix 4% Gel Job complete

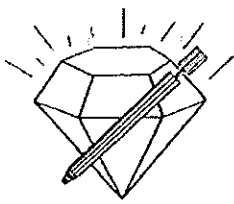
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1085.00	1085.00
5406	6	MILEAGE	4.20	25.20
5407	1	Min Bulk delivery	368.00	368.00
1131	115SKS	60/40 Poz mix	13.18	1515.70
1118B	460lbs	Gel	.22	101.20
			Sub total	3095.10
			SALES TAX	103.48
			ESTIMATED TOTAL	3198.58

completed

Revin 3737

AUTHORIZATION *Colton* TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
HESSA34DST1

Company Vess Oil Corporation Lease & Well No. Hess "A" No. 34
Elevation 1351 KB Formation Simpson Effective Pay _____ Ft. Ticket No. F193
Date 11-8-13 Sec. 18 Twp. 26S Range 5E County Butler State Kansas
Test Approved By Roger L. Martin Diamond Representative Jake Fahrenbruch

Formation Test No. 1 Interval Tested from 2,485 ft. to 2,590 ft. Total Depth 2,590 ft.
Packer Depth 2,480 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 2,485 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 2,463 ft. Recorder Number 0062 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 2,486 ft. Recorder Number 5951 Cap. 5,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 180 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 54 Weight Pipe Length _____ ft I.D. _____ in.
Weight 9.5 Water Loss 9.6 cc. Drill Pipe Length 2,272 ft I.D. 3 in.
Chlorides 1,000 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 5 Anchor Length 42' perf. w/63' 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-FH in.

Blow: 1st Open: Surface blow increasing to 9 ins. No blow back during shut-in.
2nd Open: Surface blow increasing to 7 1/2 ins. No blow back during shut-in.

Recovered 190 ft. of slightly oil specked mud = .994000 bbls. (Grind out: 1%-oil; 99%-mud)
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks Tool Sample Grind Out: 1%-oil; 99%-mud

Time Set Packer(s) 12:05 P.M. Time Started off Bottom 3:20 P.M. Maximum Temperature 101°
Initial Hydrostatic Pressure.....(A) 1215 P.S.I.
Initial Flow Period.....Minutes 30 (B) 11 P.S.I. to (C) 53 P.S.I.
Initial Closed In Period.....Minutes 60 (D) 719 P.S.I.
Final Flow Period.....Minutes 45 (E) 55 P.S.I. to (F) 103 P.S.I.
Final Closed In Period.....Minutes 60 (G) 702 P.S.I.
Final Hydrostatic Pressure.....(H) 1214 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	Hess A #34
Well Operator	Vess Oil Corp	Unique Well ID	DST #1 Simpson 2485'-2590'
Contact	Casey Coats	Surface Location	Sec 18-26s-5e-Butler Co.-KS
Site Contact	Roger Martin	Test Unit	#5
Field	El Dorado	Pool	NA
Well Type	Vertical	Job Number	F193
Prepared By	Jake Fahrenbruch	Qualified By	Roger Martin

Test Information

Test Type	Bottom-Hole w/J&J	Test Purpose	Initial Test
Formation	Simpson	Gauge Name	Inside 0062
Start Test Date	2013/11/08	Start Test Time	10:09:00
Final Test Date	2013/11/08	Final Test Time	18:11:00

Test Results

30 minute initial flow period:	Surface Blow, increased to 9" in bucket.
60 minute initial shut-in period:	No blow-back.
45 minute final flow period:	Surface blow, increased to 7.5" in bucket.
60 minute final shut-in period:	No blowback.

Recovered: 190' SOSM 1% oil, 99% mud
 ----- Tool Sample: SOSM 1% oil, 99% mud
 ----- No G.I.P.
 ----- Bottom-Hole Temp: 101 Deg F

Pressures:

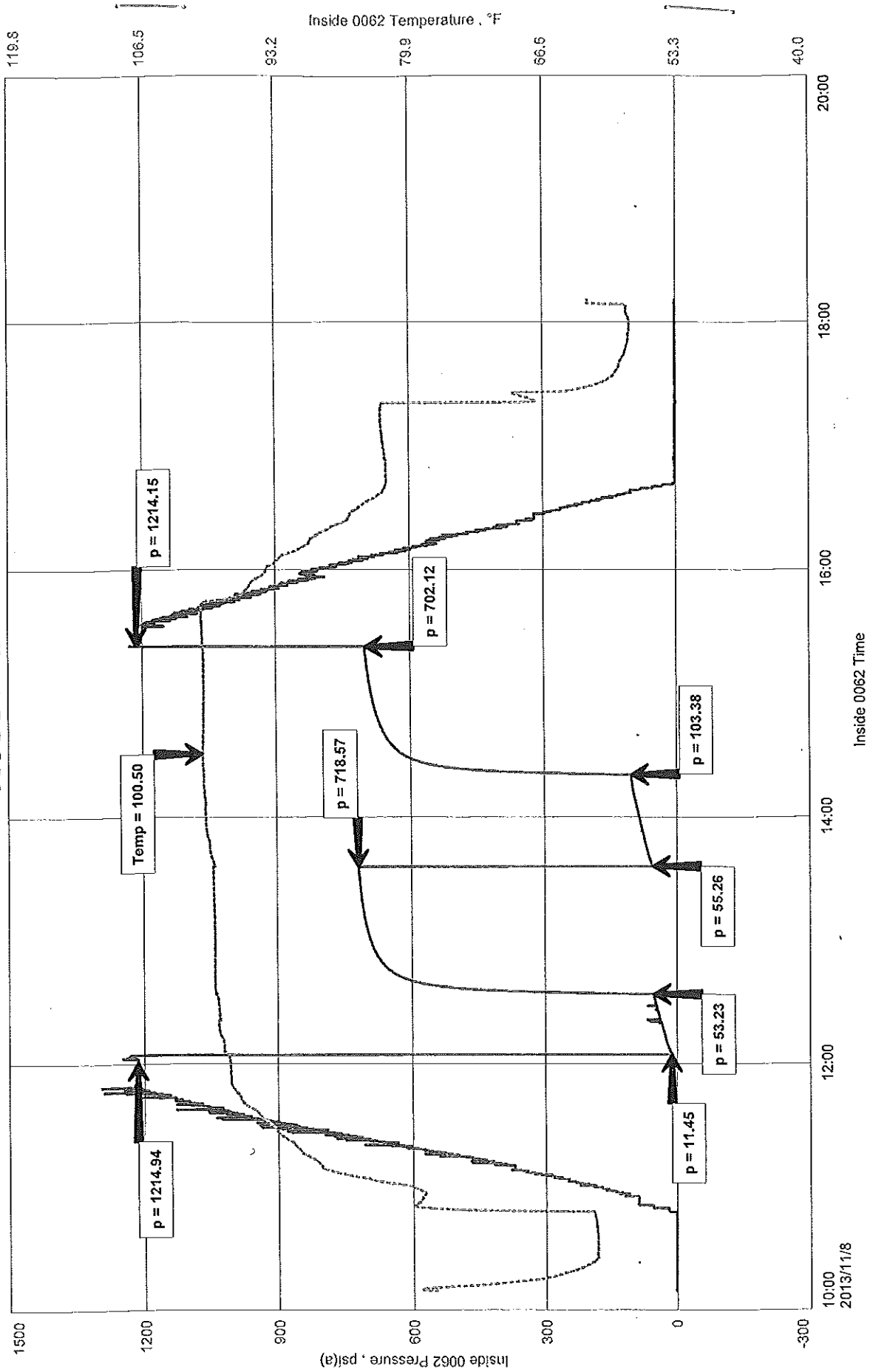
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IFP:	11 - 53
ISIP:	719
FFP:	55 - 103
FSIP:	702
FHP:	1214

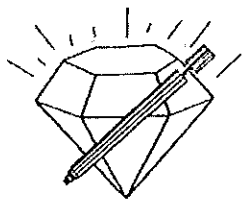
Thanks

Hess A #34
 Formation: Simpson
 Pool: NA
 Job Number: F193

Vess Oil Corp
 DST #1 Simpson 2485'-2590'
 Start Test Date: 2013/11/08
 Final Test Date: 2013/11/08

Hess A #34





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
HESSA34DST2

Company Vess Oil Corporation Lease & Well No. Hess "A" No. 34
Elevation 1351 KB Formation Simpson Effective Pay Ft. Ticket No. F194
Date 11-9-13 Sec. 18 Twp. 26S Range 5E County Butler State Kansas
Test Approved By Roger L. Martin Diamond Representative Jake Fahrenbruch

Formation Test No. 2 Interval Tested from 2,485 ft. to 2,600 ft. Total Depth 2,600 ft.
Packer Depth 2,480 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 2,485 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 2,463 ft. Recorder Number 0062 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 2,583 ft. Recorder Number 5951 Cap. 5,000 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 180 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 52 Weight Pipe Length ft I.D. in.
Weight 9.4 Water Loss 9.6 cc. Drill Pipe Length 2,272 ft I.D. 3 in.
Chlorides 1,000 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 5 Anchor Length 20' perf. w/95' 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-FH in.

Blow: 1st Open: Surface blow increasing to 10 1/2 ins. No blow back during shut-in.
2nd Open: Surface blow increasing to 11 ins. No blow back during shut-in.

Recovered 230 ft. of drilling mud w/slight oil show = 1.427600 bbls. (Grind out: Less than 1%-oil; Greater than 99%-mud)
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: Less than 1%-oil; Greater than 99%-mud

Time Set Packer(s) 2:40 A.M. Time Started off Bottom 5:40 A.M. Maximum Temperature 98°
Initial Hydrostatic Pressure.....(A) 1207 P.S.I.
Initial Flow Period.....Minutes 30 (B) 12 P.S.I. to (C) 70 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 709 P.S.I.
Final Flow Period.....Minutes 45 (E) 72 P.S.I. to (F) 123 P.S.I.
Final Closed In Period.....Minutes 60 (G) 700 P.S.I.
Final Hydrostatic Pressure.....(H) 1207 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	Hess A #34
Well Operator	Vess Oil Corp	Unique Well ID	DST #2 Simpson 2485'-2600'
Contact	Casey Coats	Surface Location	Sec 18-26s-5e-Butler Co.-KS
Site Contact	Roger Martin	Test Unit	#5
Field	El Dorado	Pool	NA
Well Type	Vertical	Job Number	F194
Prepared By	Jake Fahrenbruch	Qualified By	Roger Martin

Test Information

Test Type	Bottom-Hole w/J&J	Test Purpose	Initial Test
Formation	Simpson 2485'-2600'	Gauge Name	Inside 0062
Start Test Date	2013/11/09	Start Test Time	00:38:00
Final Test Date	2013/11/09	Final Test Time	08:30:00

Test Results

30 minute initial flow period: Surface blow, increased to 10.5" in bucket.
 45 minute initial shut-in period: No blow-back.
 45 minute final flow period: Surface blow, increased to 11" in bucket.
 60 minute final shut-in period: No blow-back.

Recovered: 230' Drilling Mud w/slight oil show >1% oil, <99% mud
 Tool Sample: Drig Mud w/slight oil show >1% oil, <99% mud
 No G.I.P.
 Bottom-Hole Temp: 98 Deg F

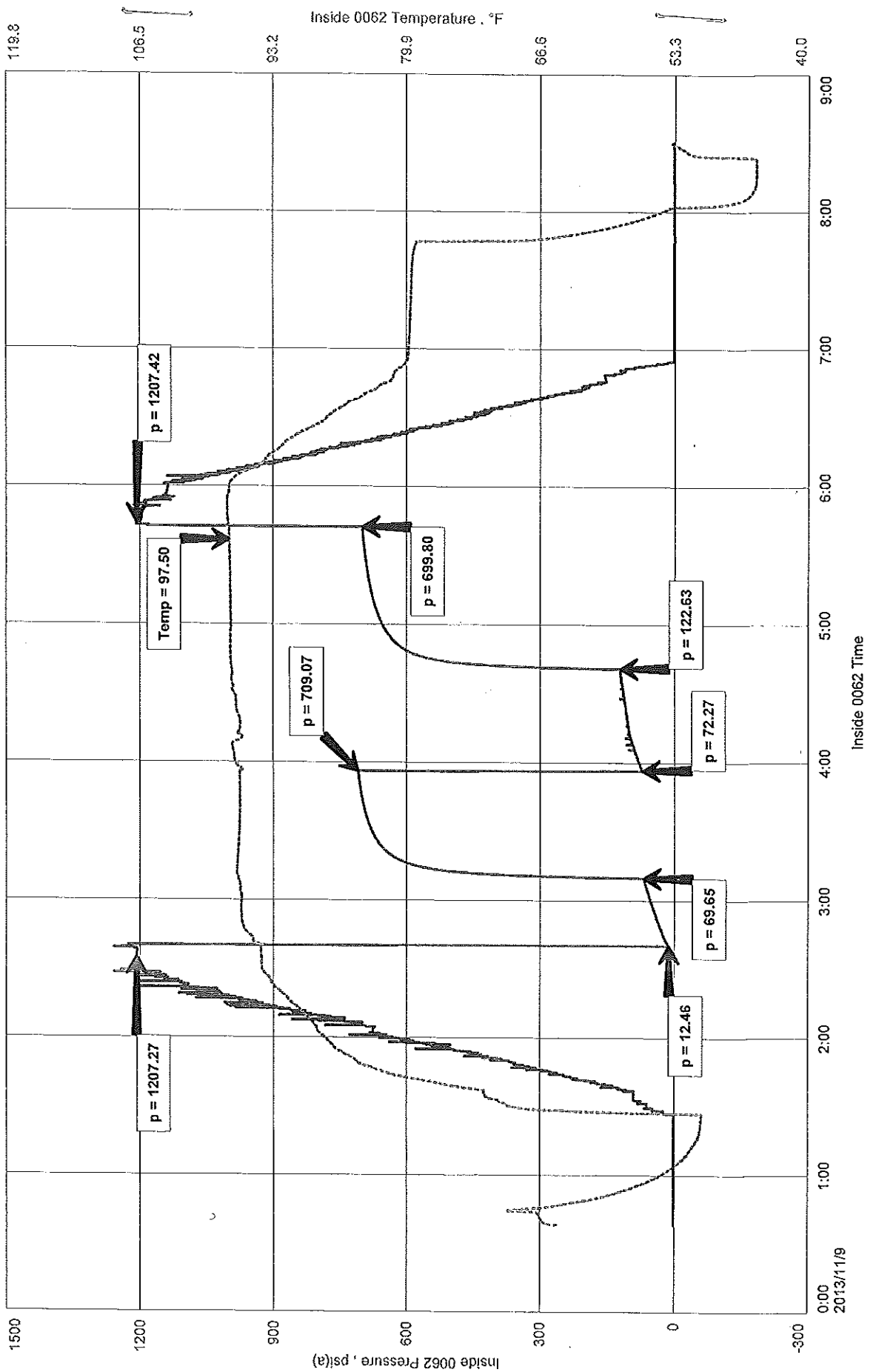
Pressures:
 IHP: 1207
 IFP: 12 - 70
 ISIP: 709
 FFP: 72 - 123
 FSIP: 700
 FHP: 1207

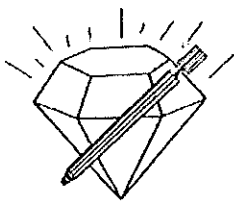
Thanks

Vess Oil Corp
 DST #2 Simpson 2485'-2600'
 Start Test Date: 2013/11/09
 Final Test Date: 2013/11/09

Hess A #34
 Formation: Simpson 2485'-2600'
 Pool: NA
 Job Number: F194

Hess A #34





DIAMOND TESTING, LLC
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (620) 653-7550 • (800) 542-7313
 HESSA34DST3

Company Vess Oil Corporation Lease & Well No. Hess "A" No. 34
 Elevation 1351 KB Formation Simpson Effective Pay _____ Ft. Ticket No. F195
 Date 11-9-13 Sec. 18 Twp. 26S Range 5E County Butler State Kansas
 Test Approved By Roger L. Martin Diamond Representative Jake Fahrenbruch

Formation Test No. 3 Interval Tested from 2,485 ft. to 2,616 ft. Total Depth 2,616 ft.
 Packer Depth 2,480 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 2,485 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 2,463 ft. Recorder Number 0062 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) 2,486 ft. Recorder Number 5951 Cap. 5,000 psi.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 180 ft I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 48 Weight Pipe Length _____ ft I.D. _____ in.
 Weight 9.4 Water Loss 7.2 cc. Drill Pipe Length 2,272 ft I.D. 3 in.
 Chlorides 1,000 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number 5 Anchor Length 36' perf. w/95' 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-FH in.

Blow: 1st Open: Weak, 1 in. blow increasing. Off bottom of bucket in 8 1/2 mins. No blow back during shut-in.

2nd Open: Surface blow increasing. Off bottom of bucket in 14 mins. No blow back during shut-in.

Recovered 90 ft. of water cut mud w/trace oil show = .975600 bbls. (Grind out: .5%-oil; 10%-water; 89.5%-mud)
 Recovered 219 ft. of heavy water cut mud w/trace oil show = 2.373960 bbls. (Grind out: .5%-oil; 30%-water; 69.5%-mud)
 Recovered 186 ft. of watery mud w/trace oil show = .950640 bbls. (Grind out: .5%-oil; 40%-water; 59.5%-mud) Chlorides: 7,000 Ppm PH: 7.5 RW: .80 @ 48°
 Recovered 495 ft. of TOTAL FLUID = 4.300200 bbls.
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks Tool Sample Grind Out: Watery mud w/oil spot

Time Set Packer(s) 6:25 P.M. Time Started off Bottom 9:25 P.M. Maximum Temperature 99°
 Initial Hydrostatic Pressure.....(A) 1196 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 17 P.S.I. to (C) 152 P.S.I.
 Initial Closed In Period.....Minutes 45 (D) 685 P.S.I.
 Final Flow Period.....Minutes 45 (E) 152 P.S.I. to (F) 252 P.S.I.
 Final Closed In Period.....Minutes 60 (G) 682 P.S.I.
 Final Hydrostatic Pressure.....(H) 1196 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	Hess A #34
Well Operator	Vess Oil Corp	Unique Well ID	DST #3 Simpson 2485'-2616'
Contact	Casey Coats	Surface Location	Sec 18-26s-5e-Butler Co.-KS
Site Contact	Roger Martin	Test Unit	#5
Field	El Dorado	Pool	NA
Well Type	Vertical	Job Number	F195
Prepared By	Jake Fahrenbruch	Qualified By	Roger Martin

Test Information

Test Type	Bottom-Hole w/J&J	Test Purpose	Initial Test
Formation	Simpson 2485'-2616'	Gauge Name	Inside 0062
Start Test Date	2013/11/09	Start Test Time	16:24:00
Final Test Date	2013/11/10	Final Test Time	00:44:00

Test Results

30 minute initial flow period:	One inch blow, increased to B.O.B. in 8.5 minutes.
45 minute initial shut-in period:	No blow-back.
45 minute final flow period:	Surface blow, increased to B.O.B. in 14 minutes.
60 minute final shut-in period:	No blow-back.

Recovered:

90'	WCM w/trace oil show	.5% oil, 10% wtr, 89.5% mud
219'	Hvy WCM w/trace oil show	.5% oil, 30% wtr, 69.5% mud
186'	Watery Mud w/trace oil show	.5% oil, 40% wtr, 59.5% mud
-----	Total Recovered Fluid: 495'	
-----	Tool Sample: Watery Mud w/oil spot	
-----	Chlorides: 7,000 PPM	
-----	RW: .8 ohm @ 48 Deg F	
-----	PH: 7.5	
-----	Bottom Hole Temp: 99 Deg F	
-----	No G.I.P.	

Pressures:

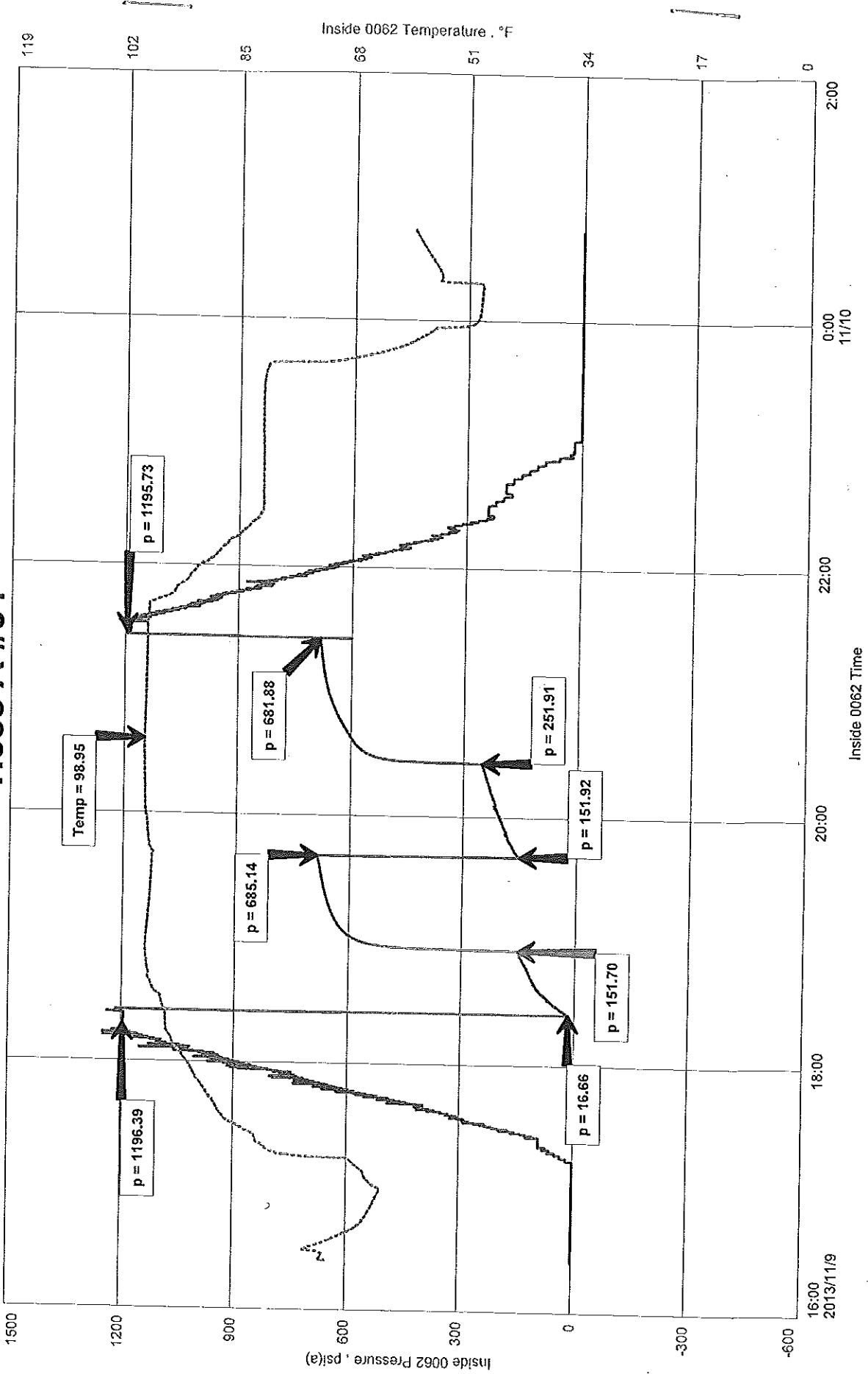
IHP:	1196
IFP:	17 - 152
ISIP:	685
FFP:	152 - 252
FSIP:	682
FHP:	1196

Thanks

Vess Oil Corp
DST #3 Simpson 2485'-2616'
Start Test Date: 2013/1/09
Final Test Date: 2013/1/10

Hess A #34
Formation: Simpson 2485'-2616'
Pool: NA
Job Number: F195

Hess A #34



ROGER L. MARTIN

INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY VESS OIL CORPORATION
LEASE HESS 'A' #34
FIELD EL DORADO
LOCATION 1000' FWL & 1650' FNL
SECTION 18 TOWNSHIP 26S RANGE 05E
COUNTY BUTLER STATE KANSAS

ELEVATIONS

KB 1351' GL 1345'

Measurements Are All

From KB

API 15-015-24000-00-00

CONTRACTOR C&G DRLG, Rig #1
SPUD 11/04/2013 COMP 11/11/2013
RTD 2720' (-1369) LTD 2720' (-1369)

CASING

SURFACE 8&5/8" set @ 260'
w/150 sx Class A w/3% CC

PRODUCTION N/A

ELECTRICAL SURVEYS

Pioneer Energy Services: DIL,
CNL/CDL, MEL

FORMATION TOPS

LOG

SAMPLES

CHRONOLOGY

FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
OREAD	1414' (-63)	1416' (-65)	
HEEBNER	1462' (-111)	1451' (-100)	11/04/2013- MIRU. Drill rathole. Spud 12 1/4" hole @ 1 PM. TD 12 1/4" hole @ 1 AM @ 262'. 252' of 8 5/8" 23#/ft LS casing set @ 260' KB. Consolidated: 150 SX Class A, 3% CC. Cement circ, plug down @ 3:45 AM.
DOUGLAS SH	1499' (-148)	1486' (-135)	
LANSING	1746' (-395)	1755' (-404)	11/05/2013- WOC. Drill under surface @ noon w/PDC.
KANSAS CITY	2045' (-694)	2044' (-693)	11/06/2013- Drlg @ 1885'. Working on getting mud in shape. Bit trip for button bit @ 2032'. MW 9, VIS 35, WL 14, LCM 0, CI 1000.
STARK	2153' (-802)	2153' (-802)	
BASE/KANSAS CITY	2229' (-878)	2230' (-879)	11/07/2013- Drlg @ 2388'. MW 9.3, VIS 37, LCM 2#, 3/4 degree survey @ 2032'.
CHECKERBOARD	2287' (-936)	2287' (-936)	
ALTAMONT	2331' (-980)	2335' (-984)	11/08/2013- DTD 2590'. Finish short trip. 7:30 AM trip out for DST #1.
CHEROKEE	2413' (-1062)	2413' (-1062)	11/09/2013- DTD 2600'. Pulling DST #2.
ARDMORE	2482' (-1131)	2481' (-1130)	11/10/2013- DTD 2650'. Rathole down to 2720' for open hole logs.
SIMPSON SD	2585' (-1234)	2584' (-1233)	
RED ROCK	2620' (-1269)	--	11/11/2013- RTD/LTD 2720'. After logs decision to plug well. Cement plugs: 2665': 35 sx 60/40 Pozmix, 4% gel, 300': 35 sx cement, 60': 25 sx cement, Rathole: 20 sx.
BASAL SIMPSON SD	2658' (-1307)	2657' (-1306)	
ARBUCKLE	2665' (-1314)	2665' (-1314)	
RTD/LTD	2720' (-1369)	2720' (-1369)	

REMARKS:

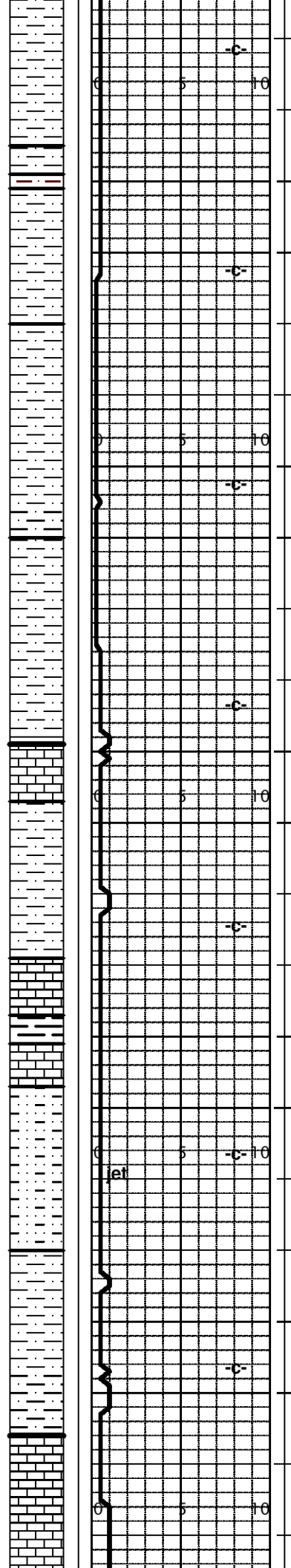
**E-log tops by P. Ramondetta, Geologist, VOC

Negative drill stem tests in the Simpson. No show of oil in the Arbuckle.
 No commercial shows uphole. The decision was made to P&A this test well.

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

LITH POROSITY DRILLING TIME DST SAMPLE DESCRIPTION REMARKS

		-1400	1428' Spl} SH: Pred blk, semicarb & dk gy, sm micac & pyrct.	DRLG W/PDC BIT
			1459' Spl} SH: AA & {OREAD} LS: ~30-40% gy-wh-tn, Pred dn- mx & subchky w/VPr- NVP & NS. (Vfn spls & cuttings)	1424' (-73) OREAD (corrected to E-log)
		-1450	1491' Spl} Incrs LS: (~50%) AA & bf-tn-gy, mx- fnxln, sm sucro w/Pr- Fr IX Por w/NS; sm fos Pkst, Pr- Fr Por.	
			{HEEBNER} SH: sm blk carb & Vcarb SH; sm LS: gy, dn-mx & argil. SH: dk gy & blk carb.	1462' (-111) HEEBNER (corrected to E-log)
			1522' Spl} LS: cm-bf-tn, mx- fnxln, sm Vfnxn, dolomc-sucro w/Pr- Fr IX Por w/NS; sm dn LS & sm wh-chlky w/NS.	
		-1500	{DOUGLAS} SH: blk- dk gy, AA & gn-gy. & SILTS: gy & gn-gy, sndy & micac, sm SS- SD CLUST: gy & gn-gy, Vfn Gr'd, silty, well cmt'd w/VPr- Pr visbl Por w/NS, sm calc.	1499' (-148) DOUGLAS (corrected to E-log)
		1552' Spl} sm LS: gy-tn, dn- mx & dn Mdst, Pred SH: blk & dk gy.		
		1583' Spl} Pred SILTS- SH: dk gy to lt gy, ms micac, sm sndy: Vfn Gr'd. sm LS: tn-gy, cryptox- mx, dn & argil Mdst, sm shly, VPr- NVP w/NS.		



Abnat SH: gy-blk.

-1550

1614' Spl} Pred SILTS: dk-lt gy, micac, sm sndy: Vfn Gr'd, sm SS- Sd Clust: gy-bf-wh, Vfn Gr'd, Pred Silty- argil, Rr cln fribl w/Fr- Gd Por & NS.

-1600

1645' Spl} Pred SH: gy-blk & SILTS: dk gy-blk & sm lt gy-sndy: Vfn Gr'd, VRr Sd Clust: AA w/ NS.

-1650

1676' Spl} Pred SH: blk subcarb- carb & dk gy- blk.

{BROWN} ~10% LS: tn-wh, dn- mx- fnxln, Trc Mdxln, sm chlky, Pr- NVP, NS.

1707' Spl} SH: AA & SILTS: gy & gn-gy, sm sndy, Vfn Gr'd, sm silty Sd Clust: Vfn Gr'd- prt fn Gr'd, Pr- Fr Por w/NS.

sm LS: AA & mx- fnxln, Trc oomldc w/Por & NS.

-1700

1737' Spl} ~20% SD CLUST: md gy- lt gy- bf, Vfn- fn Gr'd, rnd'd- anglr, well cmt'd to fribl w/Fr- Gd Por, NS, NF, NC. Pred LS: gy-wh & tn, sm sndy, sm dn- mx- fnx, sm ool, VRr prt oomldc w/Fr- Gd Por w/NS; sm SH & SILTS, AA, sndy, Sl pyrct.

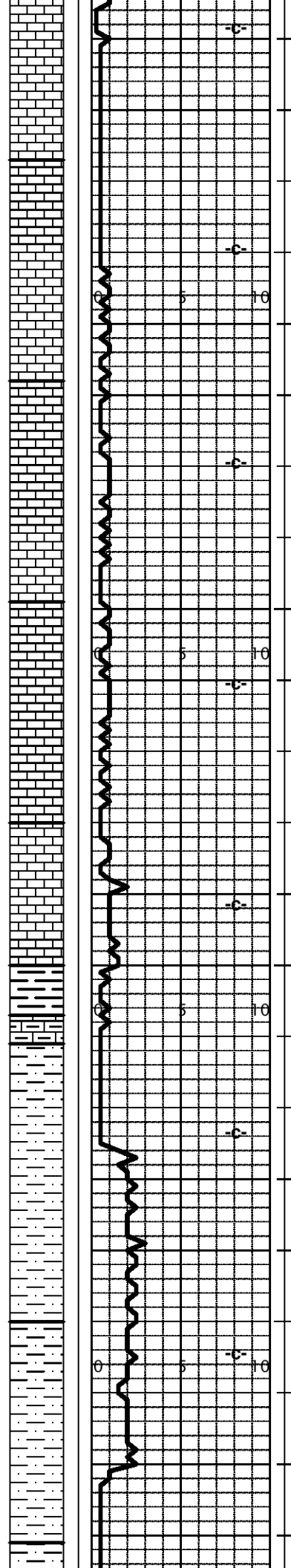
SHS@1708'=1/2 deg

1769' Spl} sm LS: AA & ambr-tn, mx- Mdx, VRr crs- VcrsX's, Pr- Fr Por w/ NS. Pred SH: gy-blk & SILTS->

-1750

1800' Spl} Pred {LANSING} LS: gy-wh & tn, mx- Mdxln, sm chlky, sm dn, Pr- NVP w/NS; sm mot Pkst, sm argil, Pr- NVP w/NS.

1746' (-395)
LANSING
(corrected to E-log)



1831' Spl} Pred LS: wh-gy & tn, prt chlky, sm mx- fnxln, sm 2nd ReX, Pr- NVP, NS. Abndt dn LS.

-1800

1861' Spl} LS: wh-gy-tn, sm mot Pkst, mx- fnxln, VRr MdX- crsX's. Pred Pr- NVP w/NS. Abndt dn LS, sm argil.

-1850

1893' Spl} Pred LS: tn-cm & gy, Pred dn- mx- fnxln, VRr MdX's- crsX's, VSI Cherty, Pr- NVP, NS.

1924' Spl} LS: tn-cm-gy, Pred dn- mx- Rr fnx- 2nd ReX, Pred dn, sm semichlky, VPr- NVP w/NS. sm argil- shly LS;

-1900

Incrs SH: gy-blk, sm pyrtc, sm carb.

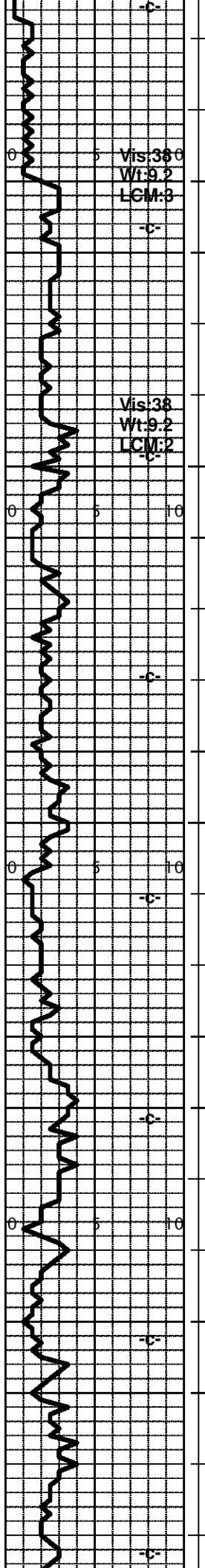
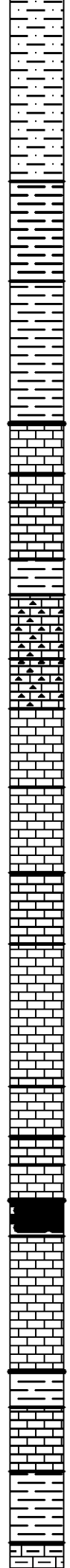
1955' Spl} Pred SILTS: lt-dk gy & sm gn-gy, micac, calc, Rr sndy, sm blk SH: AA, VRr LS: AA.

-1950

1986' Spl} SH- SILTS: dk-lt gy gn-gy, sm micac, sm calc, Rr blk carb, Rr SH.

2017' Spl} Pred SH: dk-lt gy, sm calc, SI micac.

MUD CHECKS
 by FUD MUD:
 WT 9.0, VIS 35
 PV 5, YP 10
 WL 14.0, pH 10.0
 LCM 0#, CI 1000



-2000
-2050
-2100
-2150
-2200

Vis:380
Wt:9.2
LGM:3

Vis:38
Wt:9.2
LGM:2

2030' Drlg Spl) SH: md-dk gy, Trc LS: tn- dn- mx, pyrct.
15" Spl") SH: AA, sm pyrct, sm calc & lmy.

SH: AA, sm calc & lmy & argil- dn LS.

{KANSAS CITY} LS: tn-gy, dn- mx- fnx, SI fos.

LS: Incrs, AA- Pkst- dn w/VPPr- NVP.

LS: tn-gy-wh, mx- fnx- VRr Md- VcrsX's, sm mot Pkst, ool
& fos, sm chlky, Pred Pr- Fr IGr & IX Por, NS.

sm dn & argil LS.

LS: dk-lt gy & tn, Vool Pkst w/VPPr- Pr visbl Por, NS.
Cherty: cm-gy-tn, opq, shrp.

LS: bf-cm, mx- fnxln, sm fos & ool, VPPr- Pr visbl Por, NS.
Cherty: AA.

LS: gy-tn-wh, mx- fnx, sm fos & ool Pkst- Wkst, VPPr- Pr
visbl Por, NS. sm wh-chlky.

LS: tn-wh, Pred dn- mx- fnx, sm fos Pkst- Wkst, VPPr- Pr
Por, NS.

LS: gy-bf-wh, mx- fnx, VRr md- VcrsX's, sm Pkst, sm wh-
chlky, VPPr- Pr Por, NS.

LS: cm-tn, mx- Mdx- VRr VcrsX's- 2nd ReX, sm fragmntl
Pkst, Rr prt oomldc Pkst, sm Fr- Gd Por w/NS.

LS: tn-gy-wh, sm mot Pkst & Wkst, sm dn w/VPPr Por &
NS.

LS: AA & dn Mdst & mx- Vfnx w/VPPr- NVP.

LS: tn-gy-wh, Pred dn- mx- fnx, VPPr- NVP, NS.

{STARK} SH: gy-blk, subcarb- blk carb & Vcarb.

LS: gy-tn-wh, mot, mx- fnxln, VRr prt Mdx- VcrsX's, sm
Wkst- Pkst w/VPPr- Fr visbl IGr & IX Por & mFrc's & Frc
Edg's, Trc mldc & vug Por, Trc FLR, Trc SFO & Cut. SI
Cherty, Pred dn to chlky. >99% barren.

SH: gy-blk (sm carb- Vcarb, AA).

LS: tn-cm-wh, mx- fnxln, prt chlky, sm grnlr Pkst w/Pr- Fr
Por: IGr Por, IX Por, pp Por & mFrac's & Edg's, VRr FLR,
Trc SFO & Cut, Trc STN, >99% barren. SI Cherty.

SH: gy-blk (sm carb- Vcarb, AA).

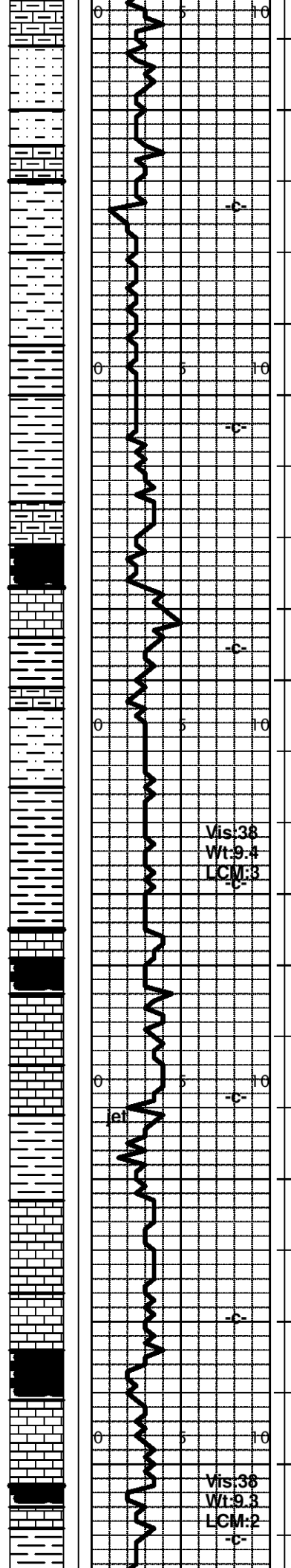
LS: gy-bn-tn-cm, mot Pkst- fos & ool w/VPPr- Pr Por w/ NS,
sm argil to Vcarb

**BIT TRIP @ 2032'
DRLG W/BUTTON BIT
SHS@2032=3/4 deg
2044' (-693)
KANSAS CITY**

**2153' (-802)
STARK**

{Trc SFO}

{Trc SFO}



sm argil to vargil.

SILTS: gy, calc & lmy.

SILTS: dk-lt gy, calc, sm sndy, Vfn Gr'd.

LS: gy-dn, mx- argil.

{BASE KANSAS CITY} SH- SILTS: lt- dk gy, sm calc & micac.

SILTS- SH: dk-lt gy, sm calc & lmy, sm pyrct SH.

-2250

SH: Pred gy, sm blk carb, sm Silts.

SH: gy-blk & gn-gy, sm pyrct.

sm LS: gy-tn-wh, Pred dn- mx- fnx, sm argil, VPr- NVP, NS.

SH: blk carb- Vcarb.

{CHECKERBOARD} LS: cm-tn-gy, sm dn, sm mx- Mdxln, sm mot pkst, SI fos, VPr- NVP, NS.

SH: gy-blk & gn-gy, sm calc & lmy.

-2300

sm LS: tn-gy, dn & argil.

SH- SILTS: gy & gn-gy.

SH: AA & blk subcarb- carb.

Vis:38
Wt:9.4
LCM:3

{ALTAMONT} LS: tn-gy-wh, Pred dn- cryptox- fnx, VPr- NVP, NS.

SH: gy & gn-gy & blk carb, sm pyrct.

-2350

LS: cm-gy-tn, dn- mx, sm Wkst- Pkst, sm argil, VPr- NVP, NS.

LS: gy-bn-tn-cm, mot Pkst, mx- fnx, VPr- NVP, NS.

SH: gn-gy & sm blk carb.

LS: tn-gy-wh, Pred dn- mx- Vfnx, Rr Pkst, Rr chlky, VPr- NVP, NS.

LS: tn-gy-bn, dn- mx, sm pyrct, NVP, NS.

SH: blk carb- Vcarb & lt-dk gy & gn-gy.

-2400

LS: gy-bn-tn-wh, Pred dn- mx, VPr- NVP, NS. Rr chlky, sm argil.

Vis:38
Wt:9.3
LCM:2

{CHEROKEE} SH: blk carb. & LS: gy-tn, dn- mx Mdst.

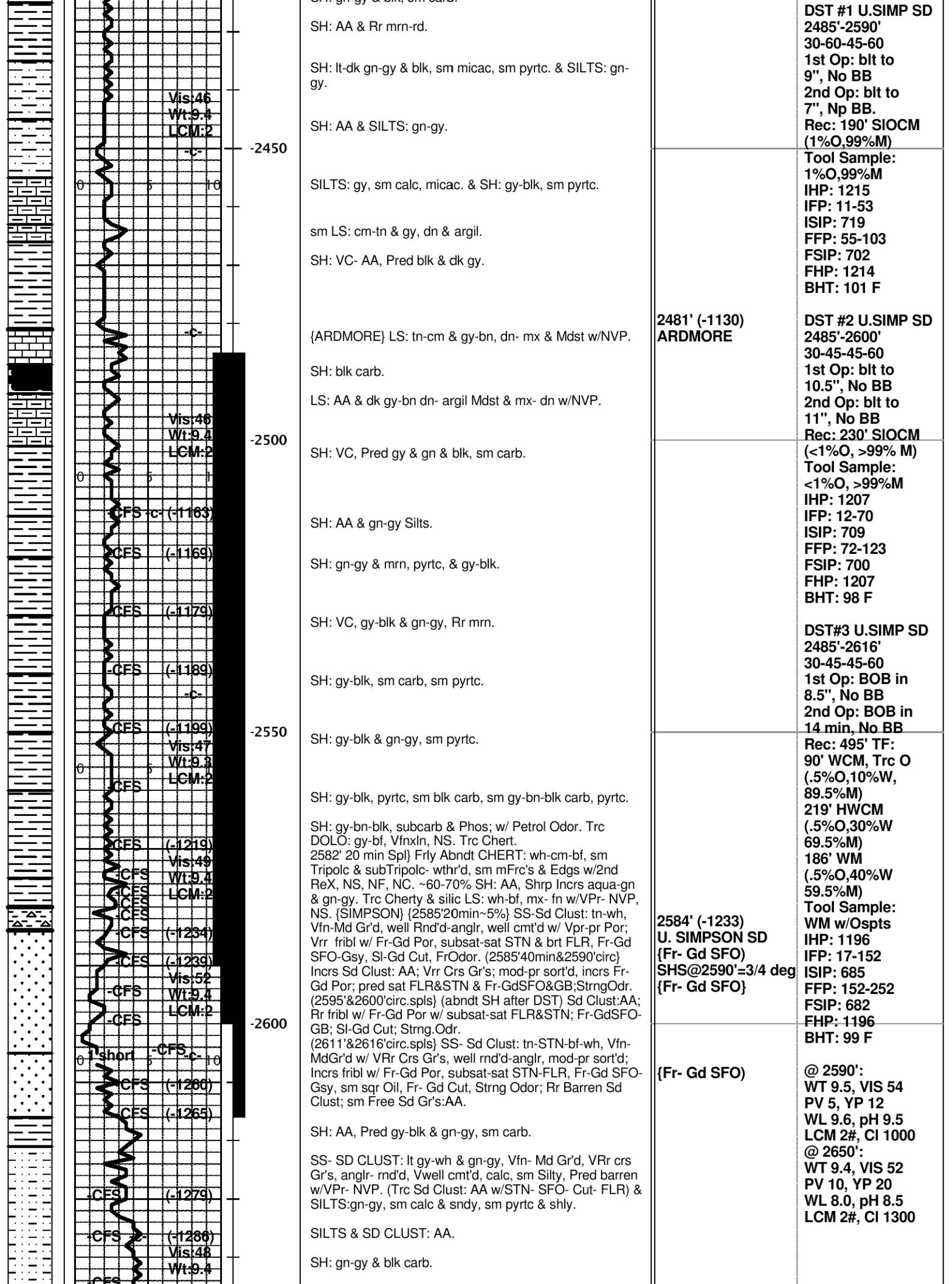
SH: gn-gy & blk sm carb

**2230' (-879)
BASE KANSAS CITY**

**2287' (-936)
CHECKERBOARD**

**2335' (-984)
ALTAMONT**

**2413' (-1062)
CHEROKEE**



SH: gr. gy & blk, sm carb.

SH: lt-dk gn-gy & blk, sm micac, sm pyrct. & SILTS: gn-gy.

SH: AA & SILTS: gn-gy.

SILTS: gy, sm calc, micac. & SH: gy-blk, sm pyrct.

sm LS: cm-tn & gy, dn & argil.

SH: VC- AA, Pred blk & dk gy.

{ARDMORE} LS: tn-cm & gy-bn, dn- mx & Mdst w/NVP.

SH: blk carb.

LS: AA & dk gy-bn dn- argil Mdst & mx- dn w/NVP.

SH: VC, Pred gy & gn & blk, sm carb.

SH: AA & gn-gy Silts.

SH: gn-gy & mrn, pyrct, & gy-blk.

SH: VC, gy-blk & gn-gy, Rr mrn.

SH: gy-blk, sm carb, sm pyrct.

SH: gy-blk & gn-gy, sm pyrct.

SH: gy-blk, pyrct, sm blk carb, sm gy-bn-blk carb, pyrct.

SH: gy-bn-blk, subcarb & Phos; w/ Petrol Odor. Trc DOLO: gy-bf, Vfnxln, NS. Trc Chert. 2582' 20 min Spl) Fryl Abndt CHERT: wh-cm-bf, sm Tripolc & subTripolc- wthr'd, sm mFrc's & Edgs w/2nd ReX, NS, NF, NC. ~60-70% SH: AA, Shrp Incrs aqua-gn & gn-gy. Trc Cherty & silic LS: wh-bf, mx- fn w/VPr- NVP, NS. {SIMPSON} {2585'20min~5%} SS-Sd Clust: tn-wh, Vfn-Md Gr'd, well Rnd'd-anglr, well cmt'd w/ Vpr-pr Por; Vrr fribl w/ Fr-Gd Por, subsat-sat STN & brt FLR, Fr-Gd SFO-Gsy, Sl-Gd Cut, FrOdor. (2585'40min&2590'circ) Incrs Sd Clust: AA; Vrr Crs Gr's; mod-pr sort'd, incrs Fr-Gd Por; pred sat FLR&STN & Fr-GdSFO&GB;StrngOdr. (2595'&2600'circ.spls) (abndt SH after DST) Sd Clust:AA; Rr fribl w/ Fr-Gd Por w/ subsat-sat FLR&STN; Fr-GdSFO-GB; Sl-Gd Cut; Strng.Odr. (2611'&2616'circ.spls) SS- Sd Clust: tn-STN-bf-wh, Vfn-MdGr'd w/ VRr Crs Gr's, well rnd'd-anglr, mod-pr sort'd; Incrs fribl w/ Fr-Gd Por, subsat-sat STN-FLR, Fr-Gd SFO-Gsy, sm sqr Oil, Fr- Gd Cut, Strng Odor; Rr Barren Sd Clust; sm Free Sd Gr's:AA.

SH: AA, Pred gy-blk & gn-gy, sm carb.

SS- SD CLUST: lt gy-wh & gn-gy, Vfn- Md Gr'd, VRr crs Gr's, anglr- rnd'd, Vwell cmt'd, calc, sm Silty, Pred barren w/VPr- NVP. (Trc Sd Clust: AA w/STN- SFO- Cut- FLR) & SILTS:gn-gy, sm calc & sndy, sm pyrct & shly.

SILTS & SD CLUST: AA.

SH: gn-gy & blk carb.

DST #1 U.SIMP SD
2485'-2590'
30-60-45-60
1st Op: blt to 9", No BB
2nd Op: blt to 7", Np BB.
Rec: 190' SIOCM (1%O,99%M)

Tool Sample:
1%O,99%M
IHP: 1215
IFP: 11-53
ISIP: 719
FFP: 55-103
FSIP: 702
FHP: 1214
BHT: 101 F

2481' (-1130)
ARDMORE

DST #2 U.SIMP SD
2485'-2600'
30-45-45-60
1st Op: blt to 10.5", No BB
2nd Op: blt to 11", No BB
Rec: 230' SIOCM (<1%O, >99% M)

Tool Sample:
<1%O, >99%M
IHP: 1207
IFP: 12-70
ISIP: 709
FFP: 72-123
FSIP: 700
FHP: 1207
BHT: 98 F

DST#3 U.SIMP SD
2485'-2616'
30-45-45-60
1st Op: BOB in 8.5", No BB
2nd Op: BOB in 14 min, No BB

Rec: 495' TF:
90' WCM, Trc O (.5%O,10%W, 89.5%M)
219' HWCM (.5%O,30%W 69.5%M)
186' WM (.5%O,40%W 59.5%M)
Tool Sample:
WM w/Ospts
IHP: 1196
IFP: 17-152
ISIP: 685
FFP: 152-252
FSIP: 682
FHP: 1196
BHT: 99 F

2584' (-1233)
U. SIMPSON SD
{Fr- Gd SFO}
{SHS@2590'=3/4 deg
{Fr- Gd SFO}

{Fr- Gd SFO}

@ 2590':
WT 9.5, VIS 54
PV 5, YP 12
WL 9.6, pH 9.5
LCM 2#, CI 1000
@ 2650':
WT 9.4, VIS 52
PV 10, YP 20
WL 8.0, pH 8.5
LCM 2#, CI 1300

Vis:46
Wt:9.4
LCM:2

Vis:46
Wt:9.4
LCM:2

Vis:47
Wt:9.3
LCM:2

Vis:49
Wt:9.4
LCM:2

Vis:52
Wt:9.4
LCM:2

Vis:48
Wt:9.4

CFS (-1163)

CFS (-1169)

CFS (-1179)

CFS (-1189)

CFS (-1199)

CFS (-1219)

CFS (-1234)

CFS (-1239)

CFS (-1260)

CFS (-1265)

CFS (-1279)

CFS (-1286)

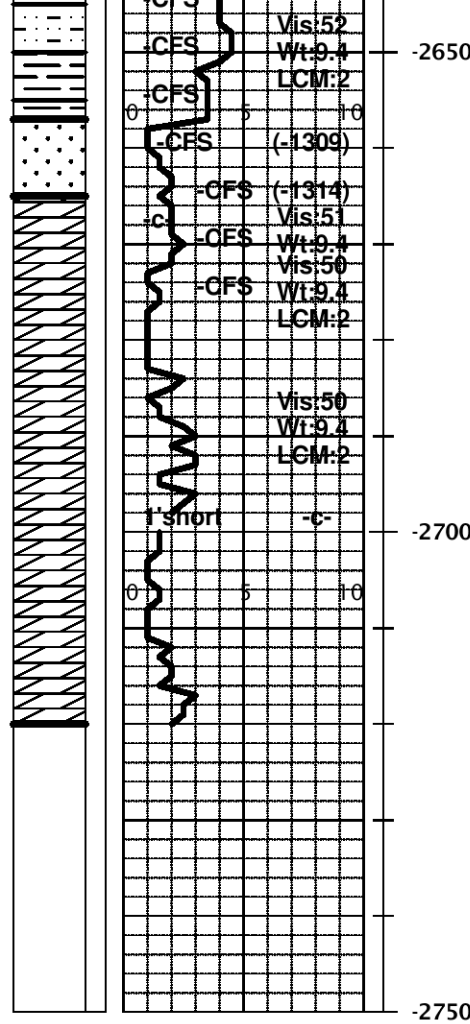
CFS (-1279)

CFS (-1286)

CFS (-1286)

CFS (-1286)

CFS (-1286)



Abndt gy-bn-blk SH & gn-gy & turq-gn Simp SH.

{BASAL SIMPSON} SS- SD CLUST: lt gy-wh-bf, Vfn-fn Gr'd, VRr prt md Gr'd, rnd'd- anglr, well cmt'd, Rr subfribl, Trc FLR, Trc SFO, >99%barren w/VPr- Pr Por.

{ARBUCKLE} DOLO: bf-gy. Vfn- fnxln, sm sndy, Vfn- fn Gr'd, VPr- Pr IX & IGr Por. NS.

DOLO: cm-bf-gy, Vfn- fnxln, Rr fn- Mdxln, Fr- Gd vug Por & Fr IX Por, NS. NC.

DOLO: AA, Incrs fn- Mdxln w/Fr- Gd vug & IX Por, NS. NC. Abndt Fr- Gd vug & IX Por.

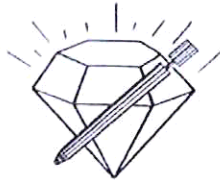
DOLO: gy-bf-tn, mx- fnxln, dn, Pr Por w/NS.

DOLO: cm-bf-tn, mxln- Mdxln w/sm Fr- VGd vug & mldc Por, sm Fr IX Por w/NS. Cherty: wh-cm-bf-gy- VC, sm fos & sm ool. sm dn Dolo w/VPr- NVP & NS.

2657' (-1306)
BASAL SIMP SD
 {Trc SFO}
 2665' (-1314)
ARBUCKLE

2720' (-1369)
RTD/LTD

VESS OIL CORP
HESS 'A' #34
1650'FNL&1000'FWL
Sec. 18-26S-05E
BUTLER CO., KS
API#15-015-24000



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: HESSA34DST1

TIME ON: 10:09 AM
 TIME OFF: 6:11 PM

Company Vess Oil Corp Lease & Well No. Hess A #34
 Contractor C&G Drlg Rig #1 Charge to Vess Oil Corp
 Elevation 1351' KB Formation Simpson Effective Pay Ft. Ticket No. F193
 Date 8 Nov 2013 Sec. 18 Twp. 26 S Range 5E W County Barton State KANSAS
 Test Approved By Roger Martin Diamond Representative Jake Fahrenbruch

Formation Test No. ONE Interval Tested from 2485 ft. to 2590 ft. Total Depth 2590 ft.
 Packer Depth 2480 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.
 Packer Depth 2485 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.
 Depth of Selective Zone Set

Top Recorder Depth (Inside) 2463 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 2486 ft. Recorder Number 5951 Cap. 5,000 P.S.I.
 Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I.

Mud Type Chemical Viscosity 54 Drill Collar Length 180 ft. I.D. 2 1/4 in.
 Weight 9.5 Water Loss 9.6 cc. Weight Pipe Length ft. I.D. 2 7/8 in.
 Chlorides 1000 P.P.M. Drill Pipe Length 2272 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #5 J&J Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 105 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 4"FH in. 42 Perf (21TOP,21BTM) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size: _____ Tool Joint Size: _____ Surface Chuck Size: _____ Bottom Chuck Size: _____

Blow: 1st Open: Surface blow, increased to 9" in bucket. No blow-back.
 2nd Open: Surface blow, increased to 7.5" in bucket. No blow-back.

Recovered _____ 190 ft. of SOSM 1% oil, 99% mud

Recovered _____ ----- ft. of Tool Sample: SOSM 1% oil, 99% mud

Recovered _____ ----- ft. of No G.I.P.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 12:05 PM A.M. / P.M. Time Started Off Bottom 3:20 PM A.M. / P.M. Maximum Temperature 101 Deg F

Initial Hydrostatic Pressure..... (A) 1215 P.S.I.

Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 53 P.S.I.

Initial Closed In Period..... Minutes 60 (D) 719 P.S.I.

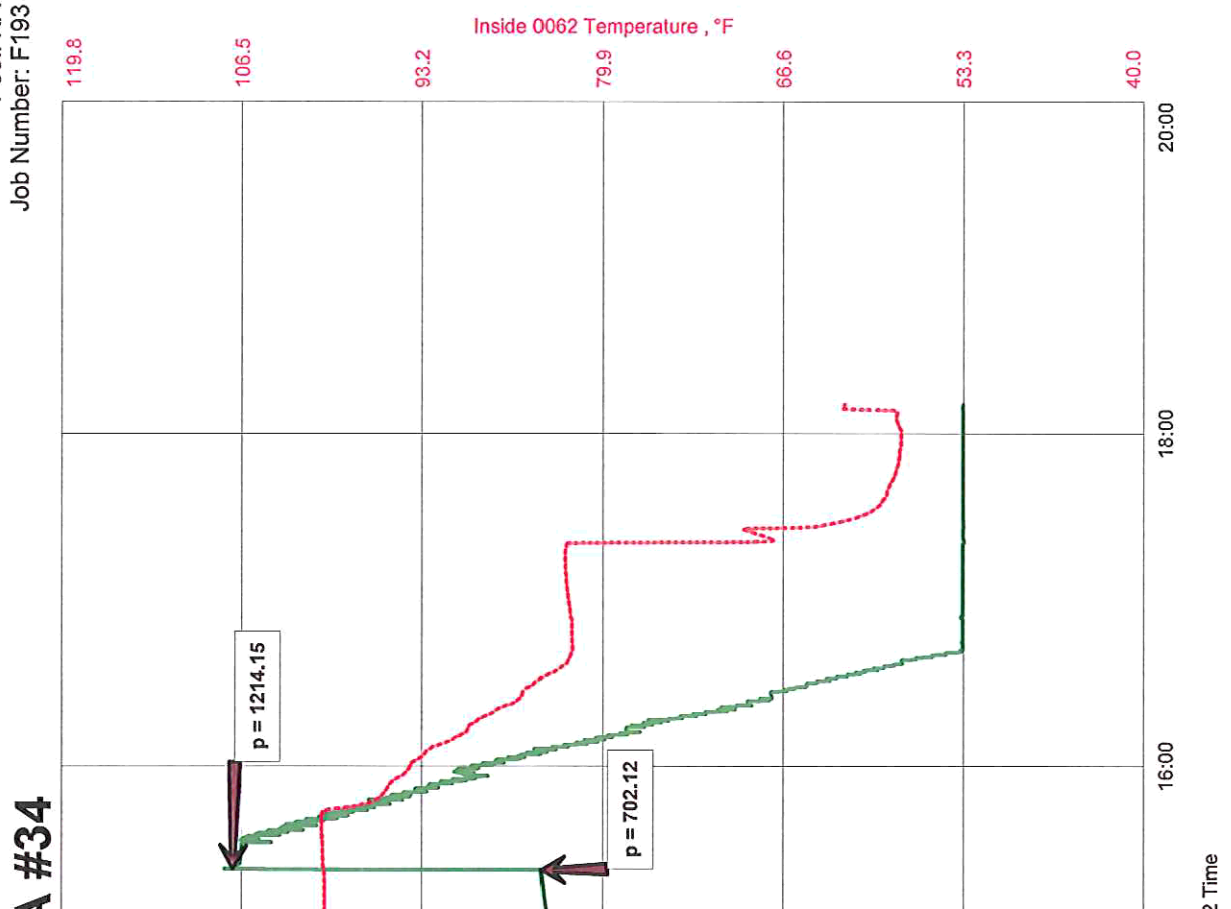
Final Flow Period..... Minutes 45 (E) 55 P.S.I. to (F) 103 P.S.I.

Final Closed In Period..... Minutes 60 (G) 702 P.S.I.

Final Hydrostatic Pressure..... (H) 1214 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.

Hess A #34
 Formation: Simpson
 Pool: NA
 Job Number: F193

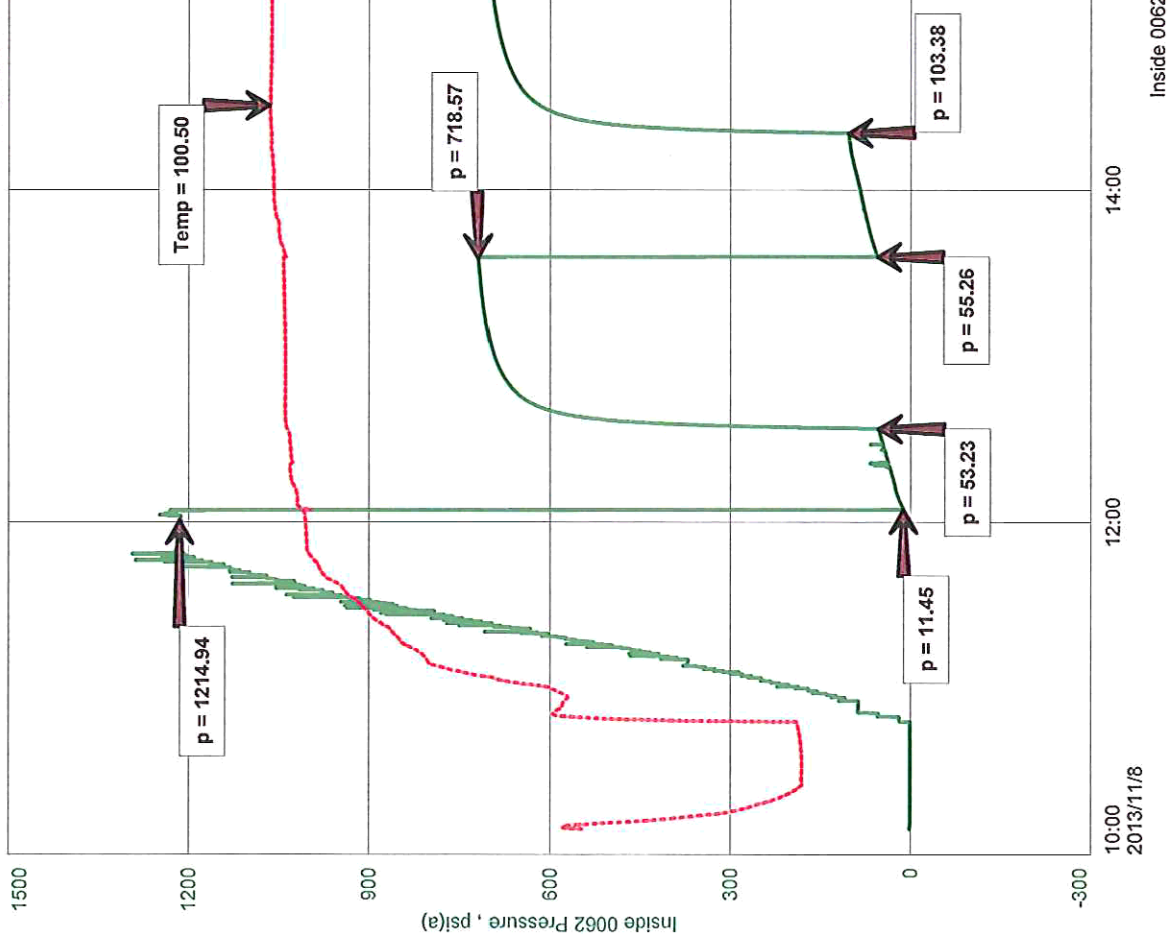


A #34

2 Time

Vess Oil Corp
 DST #1 Simpson 2485'-2590'
 Start Test Date: 2013/1/08
 Final Test Date: 2013/1/08

Hess A



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: HESSA34DST2

TIME ON: 12:38 AM
 TIME OFF: 8:30 AM

Company Vess Oil Corp Lease & Well No. Hess A #34
 Contractor C&G Drlg Rig #1 Charge to Vess Oil Corp
 Elevation 1351' KB Formation Simpson Effective Pay _____ Ft. Ticket No. F194
 Date 9 Nov 2013 Sec. 18 Twp. 26 S Range 26 S County 5E W State KANSAS
 Test Approved By Roger Martin Diamond Representative Jake Fahrenbruch

Formation Test No. TWO Interval Tested from 2485 ft. to 2600 ft. Total Depth 2600 ft.
 Packer Depth 2480 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 2485 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2463 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 2583 ft. Recorder Number 5951 Cap. 5,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 52 Drill Collar Length 180 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 9.6 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 1000 P.P.M. Drill Pipe Length 2272 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #5 J&J 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 4"FH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size _____ Tool Joint Size _____ in. Surface Choke Size _____ in. Bottom Choke Size _____ in.
 Blow: 1st Open: Surface blow increased to 10.5" in bucket. No blow-back
 2nd Open: Surface blow, increased to 11" in bucket. No blow-back.

Recovered _____ 230 ft. of Drilling Mud w/slight oil show <1% oil, >99% mud
 Recovered _____ ---- ft. of Tool Sample: Drlg Mud w/slight oil show <1% oil, >99% mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

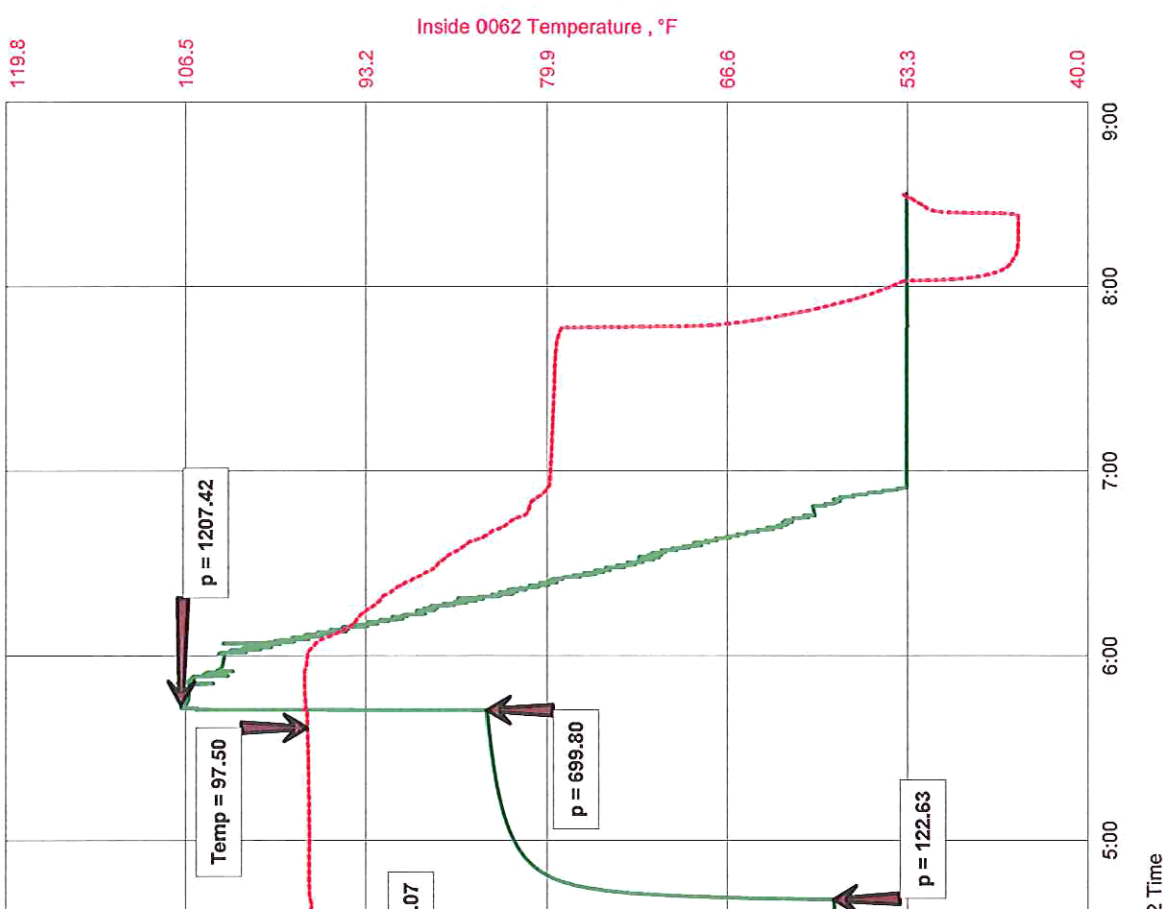
	Price Job
	Other Charges
	Insurance
	Total

Remarks: _____

Time Set Packer(s) 2:40 AM A.M. P.M. Time Started Off Bottom 5:40 AM A.M. P.M. Maximum Temperature 98 Deg F
 Initial Hydrostatic Pressure..... (A) 1207 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 12 P.S.I. to (C) 70 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 709 P.S.I.
 Final Flow Period..... Minutes 45 (E) 72 P.S.I. to (F) 123 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 700 P.S.I.
 Final Hydrostatic Pressure..... (H) 1207 P.S.I.

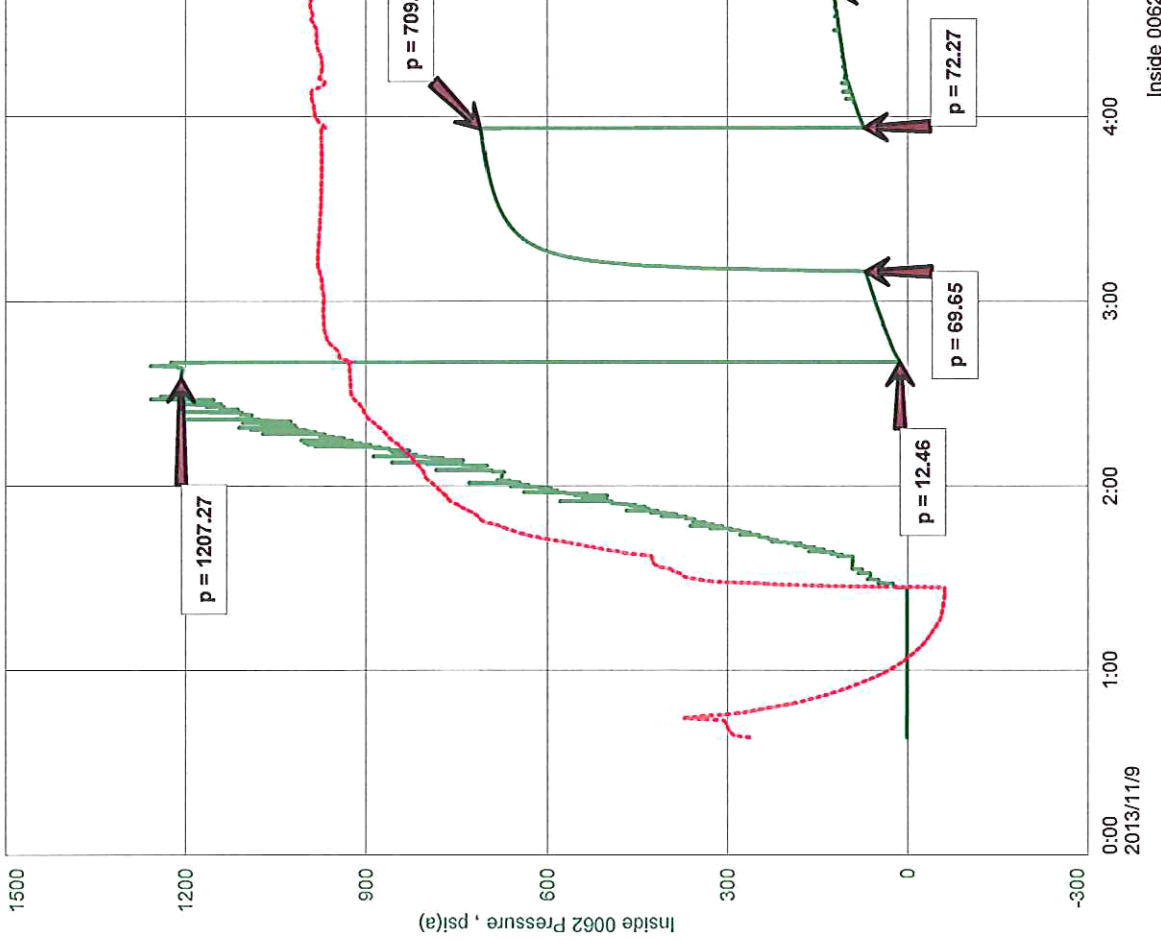
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged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

Hess A #34
 Formation: Simpson 2485'-2600'
 Pool: NA
 Job Number: F194

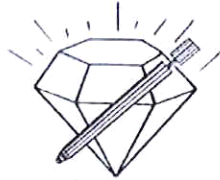


Vess Oil Corp
 DST #2 Simpson 2485'-2600'
 Start Test Date: 2013/11/09
 Final Test Date: 2013/11/09

Hess A



C:\Users\Diamond Testing\Desktop\Drill-stem Test\hess34\DST2.fkt.09-Nov-13 Ver



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: HESSA34DST3

TIME ON: 4:24 PM
 TIME OFF: 12:44 AM 11-10

Company Vess Oil Corp Lease & Well No. Hess A #34
 Contractor C&G Drlg Rig #1 Charge to Vess Oil Corp
 Elevation 1351' KB Formation Simpson Effective Pay _____ Ft. Ticket No. F195
 Date 9 Nov 2013 Sec. 18 Twp. _____ 26 S Range _____ 5E W County Barton State KANSAS
 Test Approved By Roger Martin Diamond Representative Jake Fahrenbruch

Formation Test No. THREE Interval Tested from 2485 ft. to 2616 ft. Total Depth 2616 ft.
 Packer Depth 2480 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 2485 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2463 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 2486 ft. Recorder Number 5951 Cap. 5,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 48 Drill Collar Length 180 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 7.2 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 1000 P.P.M. Drill Pipe Length 2262 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #5 J&J Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 131 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 4"FH in. 33' PERF (20 TOP, 16' BTM) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: One inch blow, increased to B.O.B. in 8.5 minutes. No blow-back.

2nd Open: Surface blow, increased to B.O.B. in 14 minutes. No blow-back.

Recovered	90 ft. of	WCM w/trace oil show	.5% oil, 10% wtr, 89.5% mud
Recovered	219 ft. of	HvyWCM w/trace oil show	.5% oil, 30% wtr, 69.5% mud
Recovered	186 ft. of	Watery Mud w/trace oil show	.5% oil, 40% wtr, 59.5% mud
Recovered	----- ft. of	Total Recovered Fluid: 495'	
Recovered	----- ft. of	Tool Sample: Watery Mud w/oil spot	Price Job
Recovered	----- ft. of	Chlorides: 7,000 PPM	Other Charges
Remarks:	-----	RW: .8 ohm @ 48 Deg F	Insurance
	-----	PH: 7.5	
	-----	No G.I.P.	Total

Time Set Packer(s) 6:25 PM A.M. P.M. Time Started Off Bottom 9:25 PM A.M. P.M. Maximum Temperature 99 Deg F

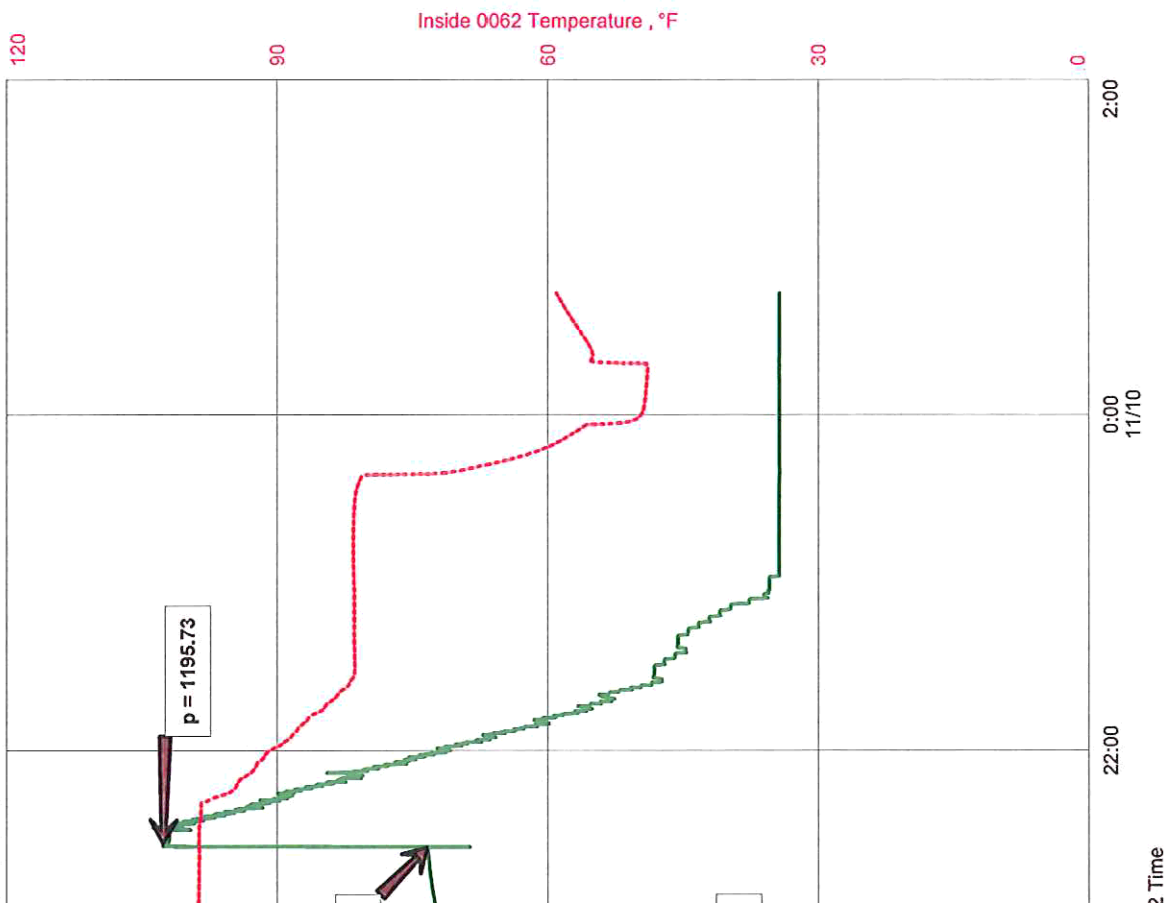
Initial Hydrostatic Pressure.....	(A)	1196 P.S.I.	
Initial Flow Period..... Minutes	30 (B)	17 P.S.I. to (C)	152 P.S.I.
Initial Closed In Period..... Minutes	45 (D)	685 P.S.I.	
Final Flow Period..... Minutes	45 (E)	152 P.S.I. to (F)	252 P.S.I.
Final Closed In Period..... Minutes	60 (G)	682 P.S.I.	
Final Hydrostatic Pressure.....	(H)	1196 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.



Hess A #34
 Formation: Simpson 2485'-2616'
 Pool: NA
 Job Number: F195

A #34



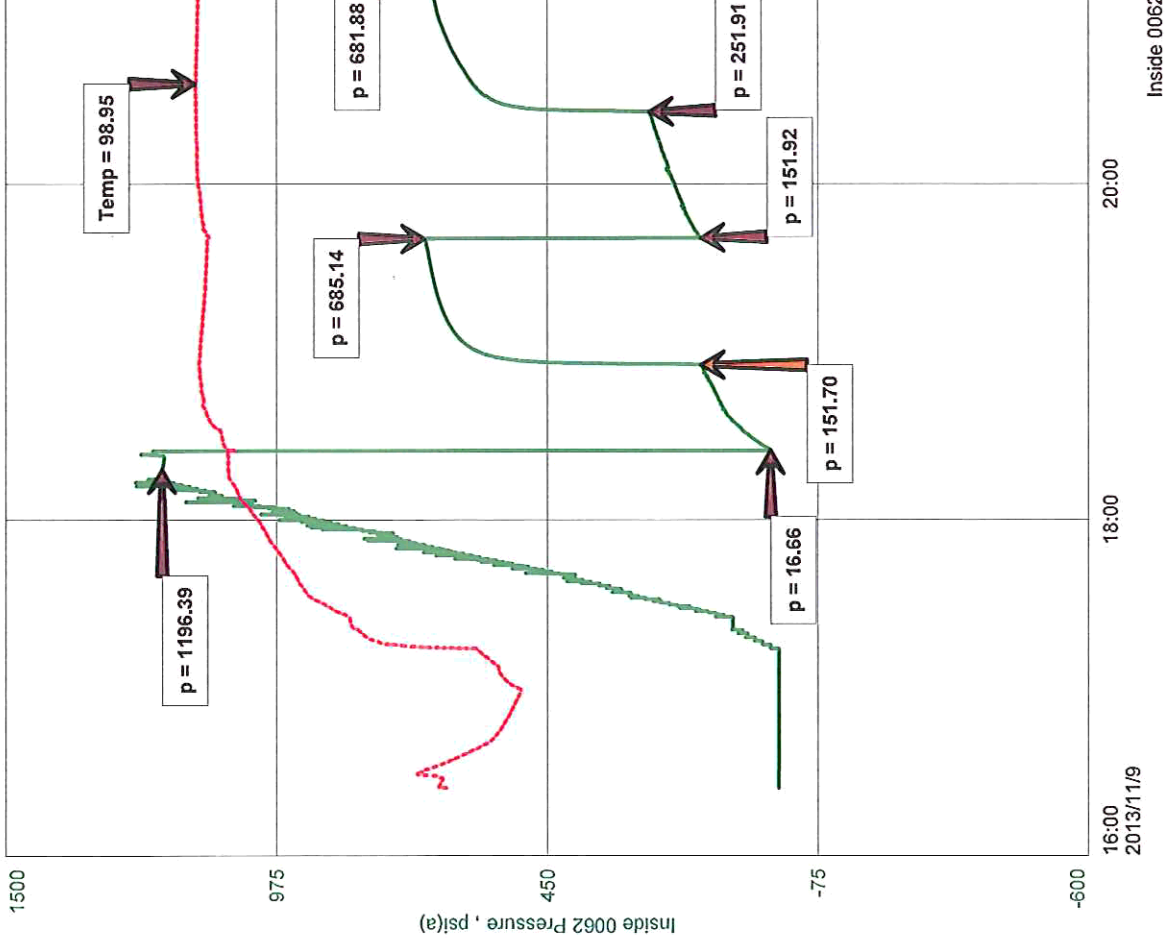
Vess Oil Corp

DST #3 Simpson 2485'-2616'

Start Test Date: 2013/11/09

Final Test Date: 2013/11/10

Hess A



ATTACHMENT TO ACO-1

Hess A #34 – API #15-015-24000-0000
 1000'FWL, 1650'FNL
 Sec. 18-26S-05E
 Butler County, KS

DST #1 2485-2590 Zone: Upper Simpson Sand(2584-90)

Times: 30-60-45-60

1st open: Built to 9", No BB.

2nd open: Built to 7" No BB

Rec: 190' SIOCM(1-O, 99-M)

Tool Sample: 1-O, 99-M

IFP: 11-53

FFP: 55-103

ISIP: 719

FSIP: 702

IHP: 1215

FHP: 1214

TEMP: 101 degrees

DST #2 2485-2600 Zone: Upper Simpson Sand more(2595-2600)

Times: 30-45-45-60

1st open: Built to 10 1/2", No BB.

2nd open: Built to 11" No BB

Rec: 230' SIOCM(<1-O, >99-M)

Tool Sample: <1-O, >99-M

IFP: 12-70

FFP: 72-123

ISIP: 709

FSIP: 700

IHP: 1207

FHP: 1207

TEMP: 98 degrees

DST #3 2485-2616 Zone: more Upper Simpson Sand

Times: 30-45-45-60

1st open: Bottom of bucket in 8 1/2 min, No BB.

2nd open: Bottom of bucket in 14 min No BB

Rec: 495' TF: 90' WCM TR O(.5-O, 10-W, 89.5-M), 219'HWCM(.5-O, 30-W, 69.5-M)

186' WM(.5-O, 40-W, 59.5-M)

Tool Sample:watery mud with oil spot

IFP: 17-152

FFP: 152-252

ISIP: 685

FSIP: 682

IHP: 1196

FHP: 1196

TEMP: 99 degrees

	<u>LOG TOPS</u>	<u>SAMPLE TOPS</u>
OREAD	1414 -63	1416 -65
HEEBNER	1462 -111	1451 -100
DOUGLAS SH	1499 -148	1586 -135
LANSING	1746 -395	1755 -404
K C	2045 -694	2044 -693
STARK	2153 -802	2153 -802
B/KC	2229 -878	2230 -879
CHEC/BD	2287 -936	2287 -936
ALTAMONT	2331 -980	2335 -984
CHEROKEE	2413 -1062	2413 -1062
ARDMORE	2482 -1131	2481 -1130
SIMPSON	2585 -1234	2582 -1231
SIMP SD	2585 -1234	2584 -1233
RED ROCK	2620 -1269	
BASAL SIMP	2658 -1307	
ARBUCKLE	2665 -1314	2665 -1314
PTD	2720 -1369	2720 -1369