

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1236101

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

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: _____



1236101

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 (Attach Additional Sheets)	<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 (Amount and Kind of Material Used)	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY

VESS OIL CORPORATION

LEASE

BARNHILL 'A' #33

FIELD

EL DORADO

LOCATION

1750' FSL & 2720' FEL

SECTION

6

TOWNSHIP

26S

RANGE

05E

COUNTY

BUTLER

STATE

KANSAS

ELEVATIONS

KB 1399 GL 1393

Measurements Are All From

KB: 1399'

API

15-015-24043-00-00

CONTRACTOR

C&G DRILLING, Rig #1

SPUD

10/29/2014

COMP

11/04/2014

RTD

2479' (-1080)

LTD

n/a

ELECTRICAL SURVEYS

No Open Hole Electric Logs

CASING

SURFACE 6 jts 8-5/8" csg set @ 261' KB

w/165 sx Class A, 3% cc.

PRODUCTION 59 jts 5-1/2" csg set @ 2450' w/125 sx Thickset, 5#/sk Kolseal

FORMATION TOPS

LOG

SAMPLES

CHRONOLOGY

OREAD

1390' (-9)

10/28/2014: MIHU 8-5/8" delivered. Frac & water tank filled. Drill rat hole. Drill Kelly down.

HEEBNER

1427' (-28)

10/29/2014: SPUD @ 7:35 AM. Set 8-5/8" casing @ 261' KN w/165 sx Class C, 3% cc. Plug down @ 9:15 PM 10/29. Cement did circ. Drill under surface @ 5:15 AM.

DOUGLAS SH

1440' (-41)

LANSING

1717' (-318)

1717' (-318)

10/30/2014: Drig @ 405'. Circ @ 2019'. Bit trip @ 2391'. MW 9.1, VIS 40. Ground up nut hulls n mud. Get stuck @ 1800'. Able to put poor boy driver on and round down drill pipe. 2 hours and 1 down 11". Get 40 BO from tank #3224 east tank and spot. SI 12 hr. After 30 min. pipe freed up. Pull 3 lts. stuck again. Oil already circ past 1680' where bit is at. Get 40 BO & spot @ 2:45 PM.

BASE LANSING

1846' (-447)

KANSAS CITY

1995' (-595)

1995' (-597)

STARK

2096' (-697)

2098' (-699)

BASE KANSAS CITY

2149' (-750)

2153' (-754)

CHECKERBOARD

2226' (-827)

2228' (-829)

11/01/2014: RTD 2391'. Bit still stuck @ 1680'. Move oil 100' @ 2:45 PM.

ALTAMON

2258' (-827)

PAWNEE

2308' (-905)

CHEROKEE

2351' (-952)

2352' (-953)

ARDMORE

2414' (-1015)

2415' (-1016)

EROSIONAL CHERT

2438' (-1039)

2418'-2479'. MW 9.0, VIS 56, WL 5.4, LCM 3#. Test tool open @ 1 PM.

ARBUCKLE

2444' (-1045)

2445' (-1046)

LTD RTD

2478' (-1079)

2479' (-1080)

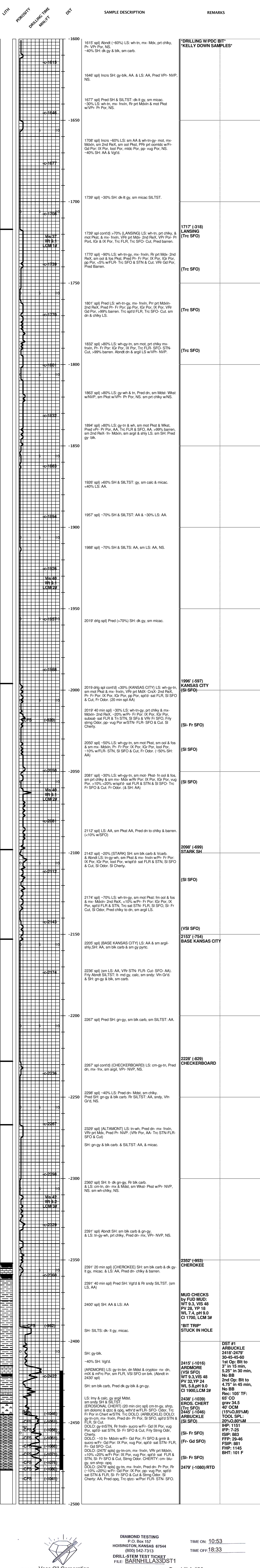
11/04/2014: Run 5-1/2" production casing

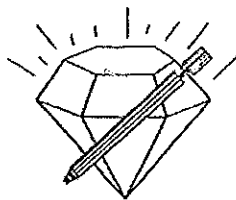
REMARKS:

CASING JOB (C.COATS, ENGINEER,VOC): Set 59 lts 5-1/2" 15.5#/ft. J-55 casing- 2463.66'. Packer shoe- 2,507'. Total- 2466.16'. Tag bottom @ 2479'. Pick up 29'. Set packer shoe @ 2450' KB. Circulate 20 in 6 centralizers. 1 basket drop. Ball to set packer shoe. Rig up cement head. Packer shoe set @ 7508'. Circ 15 min more. Consolidated Services: 500 gal mud (high plug ratio) @ 25 sx. Downhole 125 sx Thickset, 59 lts. Kolseal. Good circ. Displace plug 5-6 BPM. Caught pressure. Land plug @ 9508' @ 2:35 AM 11/04/2014. Release. hold.

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

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





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
BARNHILLA33DST1

Page 1 of 2 Pages

Company Vess Oil Corporation Lease & Well No. Barnhill "A" No. 33
Elevation 1399 KB Formation Arbuckle Effective Pay Ft. Ticket No. F344
Date 11-3-14 Sec. 6 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 2,418 ft. to 2,479 ft. Total Depth 2,479 ft.
Packer Depth 2,413 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 2,418 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 2,398 ft. Recorder Number 5951 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 2,453 ft. Recorder Number 5584 Cap. 5,000 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 178 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 56 Weight Pipe Length ft. I.D. in.
Weight 9.0 Water Loss 5.4 cc. Drill Pipe Length 2,207 ft. I.D. 3 in.
Chlorides 1,800 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Bars: Make Sterling Serial Number 5 Anchor Length 28' perf. w/33' 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 5 1/4 ins. No blow back during shut-in.

2nd Open: Surface blow increasing to 4 3/4 ins. No blow back during shut-in.

Recovered 65 ft. of clean oil = .319800 bbls. (Grind out: 100%-oil) Gravity: 34.5 @ 60°

Recovered 40 ft. of oil cut mud = .196800 bbls. (Grind out: 15%-oil; 85%-mud)

Recovered 105 ft. of TOTAL FLUID = .516600 bbls.

Recovered ft. of

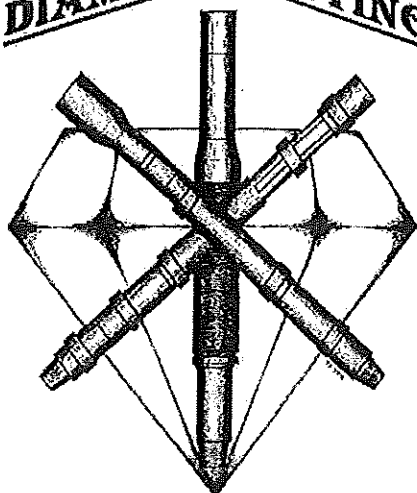
Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 20%-oil; 80%-mud

Time Set Packer(s) 12:59 P.M. Time Started off Bottom 3:59 P.M. Maximum Temperature 101°
Initial Hydrostatic Pressure.....(A) 1151 P.S.I.
Initial Flow Period.....Minutes 30 (B) 7 P.S.I. to (C) 25 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 883 P.S.I.
Initial Flow Period.....Minutes 45 (E) 29 P.S.I. to (F) 46 P.S.I.
Initial Closed In Period.....Minutes 60 (G) 881 P.S.I.
Initial Hydrostatic Pressure.....(H) 1145 P.S.I.

DIAMOND TESTING



DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313

TEST INFORMATION

Well Name	Barnhill "A" #33
Formation	Arbuckle 2418'-2479'
Surface Location	Sec 6-26s-5e-Butler Co-KS
Company Name	Vess Oil Corporation
Test Type	Bottom-Hole DST W/J&J
Gauge Name	Inside 5951
Start Test Date	2014/11/03
Start Test Time	10:53:00
Final Test Date	2014/11/03
Final Test Time	18:33:00
Job Number	F344
Contact	Casey Coats
Site Contact	Roger Martin

TEST RESULTS

Initial flow, surface blow, increased to 5.25".

Final flow, surface blow, increased to 4.75".

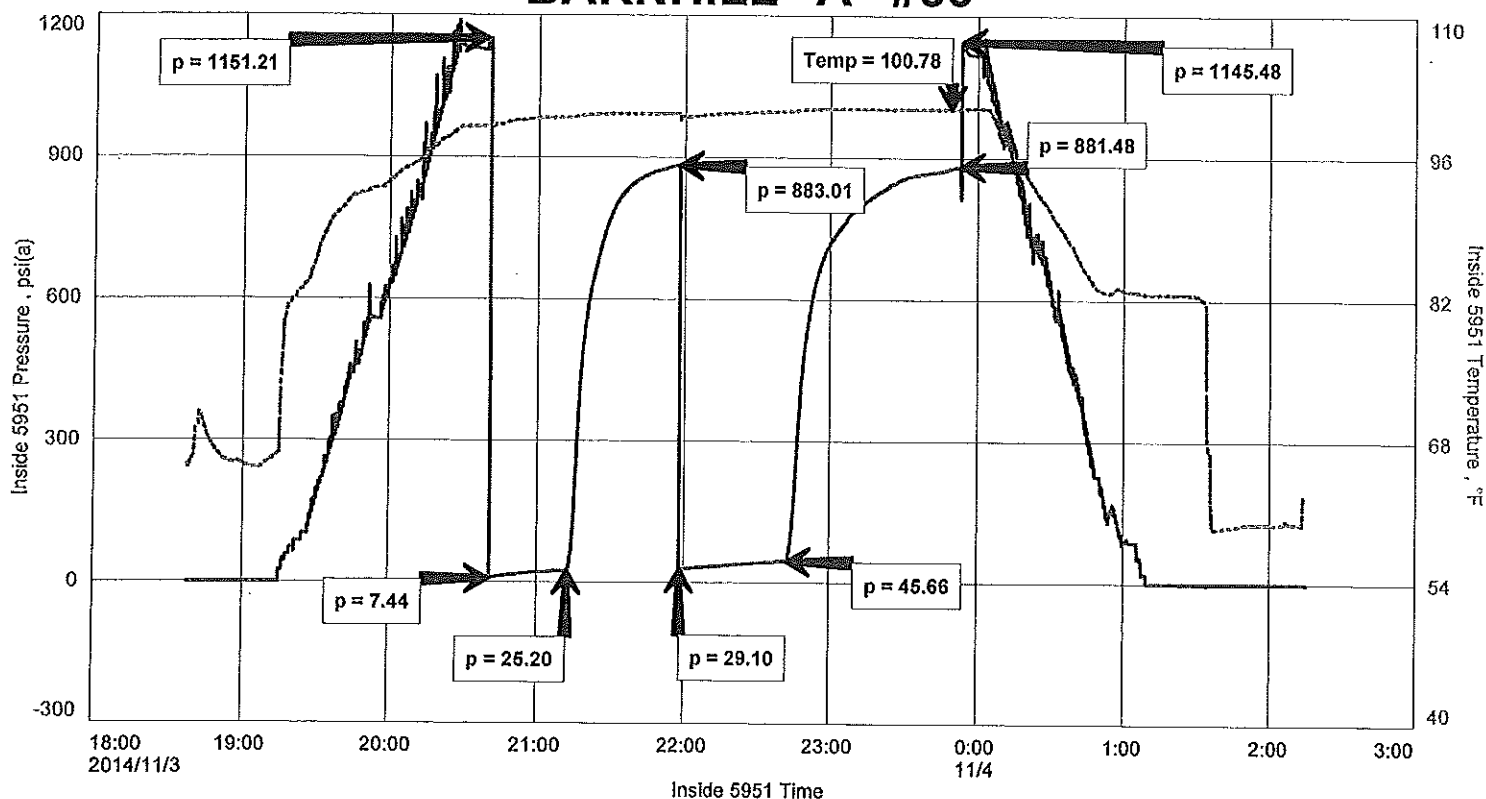
TOTAL FLUID RECOVERY: 105'

65'	Clean Oil	100% oil
40'	OCM	15% oil, 85% mud
-----	Tool sample: OCM	20% oil, 80% mud
-----	Gravity: 34.5	(corrected to 60F)

Vess Oil Corporation
DST #1 Arbuckle 2418'-2479'
Start Test Date: 2014/11/03
Final Test Date: 2014/11/03

Barnhill "A" #33
Formation: Arbuckle 2418'-2479'
Job Number: F344

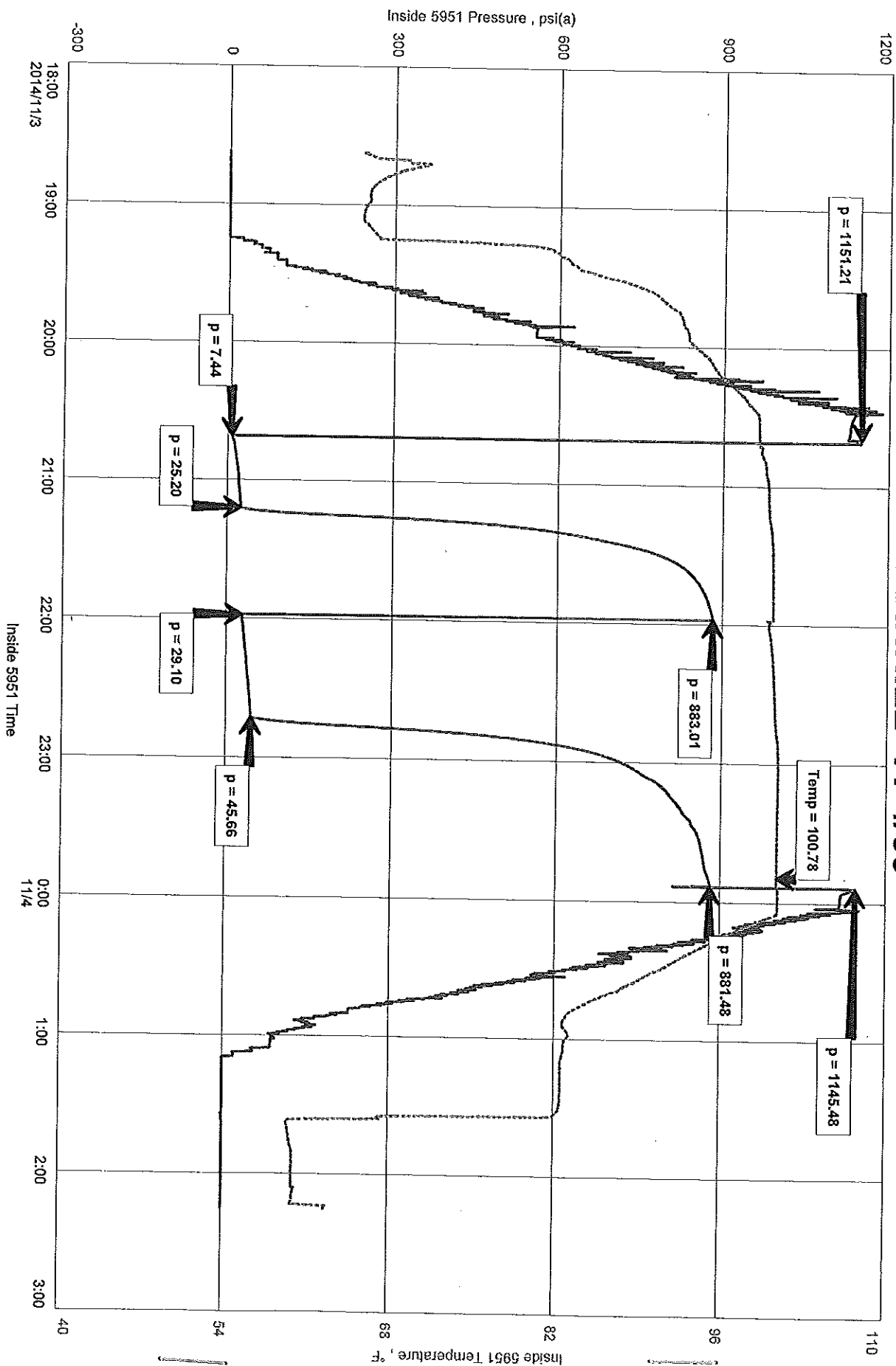
BARNHILL "A" #33



Vess Oil Corporation
DST #1 Arbuckle 2418-2479'
Start Test Date: 2014/11/03
Final Test Date: 2014/11/03

BARNHILL "A" #33

Barnhill "A" #33
Formation: Arbuckle 2418-2479'
Job Number: F344



PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

272163
FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 46544
LOCATION EL Dorado
FOREMAN Fuzz

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-29-14	BS11	Barnhill 'A' # 53	6	26	5E	Butler
CUSTOMER Uegs Oil Corp			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 1700 Waterfront Pkwy Bldg 500			446	Josh		
CITY Winchita			491	Dustin		
STATE KS		ZIP CODE 67206	670	Fuzzy		

JOB TYPE <u>Surface</u>	HOLE SIZE <u>12 1/4</u>	HOLE DEPTH <u>263'</u>	CASING SIZE & WEIGHT <u>8 5/8</u>
CASING DEPTH <u>267'</u>	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT <u>15.2</u>	SLURRY VOL <u>1.18</u>	WATER gal/sk _____	CEMENT LEFT in CASING _____
DISPLACEMENT <u>15.4</u>	DISPLACEMENT PSI _____	MIX PSI _____	RATE _____

REMARKS: Safety meeting on C4G #1. Rig up and circulate mix
165 sks class 'A' 3% oil, 1/2" poly slate. Distance 15 1/2' BAK
and shut-in.

Cement did circulate approx 4 BAG to pit.

Thanks
Fuzz & crew

[illegible]

Rayin 3737

AUTHORIZATION W. J. [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

0 14



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

INVOICE

NOV 21 2014

Invoice # 801875

Invoice Date: 11/18/2014

Terms: Net 30

Page 1

VESS OIL CORPORATION

BARNHILL A-33

1700 WATER FRONT PKWAY BLD 500
WICHITA KS 67206
USA
3166821537

Part Number	Description	Qty	Unit Price	Discount(%)	Total
5401	Cement Pumper	1.00	1,085.00	0.00	1,085.00
5406	Mileage Charge	5.00	4.20	0.00	21.00
5407	Min. Bulk Delivery Charge	1.00	368.00	0.00	368.00
1126A	Thick Set Cement	150.00	20.16	30.00	2,116.80
1110A	Kol Seal (50# BAG)	750.00	0.46	30.00	241.50
1144G	Mud Flush	500.00	1.10	0.00	550.00
4104	Cement Basket 5 1/2	1.00	290.00	0.00	290.00
4130	Centralizer 5 1/2	6.00	61.00	0.00	366.00
4253	Type A Packer Shoe 6 1/2 x 1	1.00	1,663.00	0.00	1,663.00
4234	5 1/2 Aluminum Baffle Plate	1.00	66.25	0.00	66.25
5402	Casing Footage	951.00	0.23	0.00	218.73
4312	5 1/2 Weld on Casing Collar	1.00	88.50	0.00	88.50
4454	5 1/2 Latch Down Plug	1.00	266.75	0.00	266.75
Sub Total					8,352.23
Discounted Amount					1,010.70
SubTotal After Discount					7,341.53

Amount Due 8,778.44 if paid after 12/18/2014

Tax: 361.52
Total: 7,703.05



Jm 719 FT 739

CONSOLIDATED
Oil Well Services, LLCPO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676TICKET NUMBER 48420LOCATION 180FOREMAN Jeff Shell

INVOICE #801875

FIELD TICKET & TREATMENT REPORT

CEMENT API 15-015-24043-00-00

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/4/14	8511	Barnhill A-33	6	26S	05E	Butler
CUSTOMER Vess oil corp.			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 1700 waterfront Pkwy 810500			603	Tracy		
CITY wichita			491	Dustin		
STATE KS			539	Jeff		
ZIP CODE 67206						

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 2479 CASING SIZE & WEIGHT 5 1/2
 CASING DEPTH 2451 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.7 SLURRY VOL 33.0 WATER gal/sk _____ CEMENT LEFT In CASING _____
 DISPLACEMENT 58.0 DISPLACEMENT PSI 600 MIX PSI 100 RATE 6.2

REMARKS: Safety Meeting, broke circ. pumped 500 gal mud flush plugged rt hole
with 2.5 SKS cement pumped 12.5 SKS thickset cement 5% Kol Seal
displaced Plug down with 58 bbls fresh water landed 97950 lbg pressure

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1085.00	1085.00
5406	5	MILEAGE	4.20	21.00
5407	1	Min bulk delivery	368.00	368.00
1126A	150 SKS	Thickset cement	20.16	3024.00
1110A	750 lbg	Kol seal	.46	345.00
1144G	500 gal	01/100 Mud flush	1.10	550.00
4104	1	5 1/2 cement Basket	290.00	290.00
4130	6	5 1/2 centrizers	61.00	366.00
4253	1	Type A Packer shoe	1663.00	1663.00
4234	1	5 1/2 Aluminum Baffle Plate	66.25	66.25
4454	1	5 1/2 latch down Plug	266.75	266.75
5402	951 ft	casing footage (1500 ft or Deeper)	.23	218.73
4312	1	5 1/2 weld on casing collar	88.50	88.50
			Subtotal	8352.23
		Minus 30% Material Discount		1010.70
			Subtotal	7341.53
			SALES TAX	361.52
			ESTIMATED TOTAL	7703.05

Ravin 9737

AUTHORIZATION

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

1439

ATTACHMENT TO ACO-1

Barnhill A-33
API #15-015-24043-00-00
1750'FSL, 2720'FEL
Sec. 6-26S-05E
Butler County, KS

<u>Geo Tops #33</u>		<u>Log Tops #33</u>
Oread		1390 +9
Heebner		1427 -28
Douglas SH		1440 -41
Lansing	1717 -318	1717 -318
Lansing Base		1846 -447
Kansas City	1996 -597	1995 -596
Stark	2098 -699	2096 -697
B/KC	2153 -754	2149 -750
Checkerboard	2228 -829	2226 -827
Cherokee	2352 -953	2351 -952
Ardmore	2415 -1016	2414 -1015
EROS CHERT		2438 -1039
Arbuckle	2445 -1046	2444 -1045
PTD	2479 -1080	2478 -1079

DST #1 2418-2479 Zone: Arbuckle (2445-2479)

Times: 30-45-45-60

1st open: Built to 3" in 15 min, 5 1/4" in 30 min No BB

2nd open Built to 4 3/4" in 45 min No BB

Rec.: 105' TF: 65' oil, 34.5 grav, 40' OCM(15-O, 85-M)

Tool: 20-O, 80-M

IHP: 1151

FHP: 1145

IFP: 7-25

FFP: 29-46

ISIP: 883

FSIP: 881

TEMP: 101 degrees F