



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1298113
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: _____

1298113

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: _____ _____
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Form	ACO1 - Well Completion
Operator	Vess Oil Corporation
Well Name	Varner-Prohaska 1
Doc ID	1298113

All Electric Logs Run

Dual Induction
Density-Neutron
GR-N-CCL
Bond Log

**GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG**

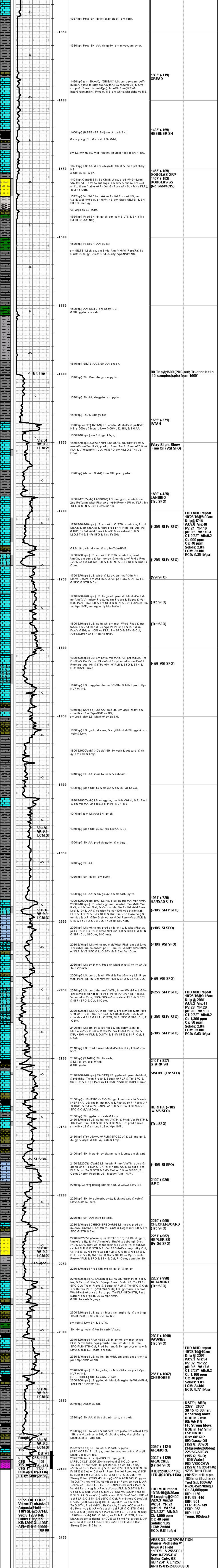
COMPANY VESS OIL CORPORATION LEASE VARNER-PROHASKA #1 FIELD AUGUSTA LOCATION 110' FSL & 2565' FEL SECTION 8 TOWNSHIP 28S RANGE 4E COUNTY BUTLER STATE KANSAS		ELEVATIONS KB 1264' GL 1258' Measurements Are All From KB: 1264' API 15-015-24060-00-00	
CONTRACTOR C&G Drilling, Rig #1 SPUD 10/23/2015 COMP 10/28/2015 RTD 2400' (-1136) LTD 2400' (-1136) C&G: DIL & CDL/CNL/PE; & MEL 1 DST BY DIAMOND TESTING		CASING SURFACE 845/8" 23# LS set @ 262' KB (tally=252) w/ 150 sx Class A, 3%CaCl PRODUCTION 541/2" 15.5#/ft; J-55; set@2399'; cmt'd w/ 150sx Thickset.	

FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
Oread	1389' (-121)	1389' (-119)	10/19/15; MIRU C&G Rig #1
Heebner SH	1424' (-160)	1423' (-169)	(2 x 600 bbl frac tanks for fresh wf)
DOUGLAS GRP (SH)	1463' (-190)	1463' (-189)	10/23/15; Spud rathole @ 7:20am; Spud 12&1/4" hole @ 12:00am; TD 12&1/4" hole @ 2:02; @ 4:16pm; Ran @ 8:45pm; 22# LS; org; Tall=252; sat @ 262' KB; Cmt'd by Consolidated w/150sx Class A, 3%CaCl; CIRC Cmt; Plug dwn @ 6:10pm; 10/23/15; Ticket# 46224
DOUGLAS SS	1483' (-199)	1483' (-193)	
Iatan	1636' (-372)	1636' (-371)	
LANSING GRP	1689' (-425)	1689' (-425)	10/24/15; Dnlg @ 4:00 (7&7/8" hole) (Dnlg cut @ 3am)
KANSAS CITY GRP	1985' (-721)	1984' (-720)	10/25/15; Dnlg @ 17:11; Geo to location; Bit trip @ 1600' & displace mud system; Wt: 9; Vis: 36; LCM: 2#
Stark SH	2102' (-838)	2101' (-837)	Surveys: 14deg@600'; 14deg@1088'; 1/2 deg@1600'
BKIC	2190' (-926)	2190' (-926)	10/26/15; Dnlg @ 20:40; (Dev. Survey: 3/4 deg @ 2174')
Checkerboard	2219' (-955)	2219' (-955)	10/27/15; CFS@2362'; & CFS@2366'; CFS@2400'; Short trip @ 2400'; & DST#1; ARB; 2387'-2400'
Hepler SS	2231' (-967)	2231' (-967)	
Altamont	2262' (-998)	2262' (-998)	10/27/15; RTD<D: 2400'; Running open hole E-Logs; & prep to run prod. log by PM; Ran 57 lbs of 5&1/2" OD; 15.5#/ft; 4.5% Ca; Tally=2402; 37' + 100' Fushow=2403; 37' Sat @ 2399' (1' off solid btm) but collar not spotted; Circ mud for 30min & rotate; Consolidated mixed & pmp'd 500 gal mud flush; Plugged rathole w/ 25sx cmt; Mix & pmp'd 150sx; Thickset cmt; rotating pipe; Displaced; 0.4 Circ; Caught pressure @ 2361.2 bbls; LHM pressure to 700F; Stopped rotating w/ 10 bbls of displacement left.
Pawnee	2304' (-1040)	2304' (-1040)	Land plug @ 1300' @ 4:20pm; Release; P.E. Set slips; Ticket# 46225; (Casing log by Casey Coats; P.E. w/ VDC)
CHEROKEE GRP	2330' (-1066)	2331' (-1067)	
Ardmore	2385' (-1121)	2385' (-1121)	
ARBUCKLE	2403' (-1229)	2403' (-1229)	
Total Depth (LTD/RTD)	2400' (-1136)	2400' (-1136)	

REMARKS: ON 10/28/2015, 5&1/2" PRODUCTION CASING WAS SET AT 2399', 1FT OFF SOLID BOTTOM. FOR A COMPLETION IN THE ARBUCKLE (SEE CHRONO SECTION FOR C&G JOB DETAILS). I RECOMMEND FURTHER EVALUATION OF THE HEPLER SS, & REVIEW OF THE ZONES WITH SIGNIFICANT SHOWS OF OIL, IN THE LANSING & KANSAS CITY GROUPS, BEFORE ABANDONMENT.

RESPECTFULLY SUBMITTED,
ROGER L. MARTIN, GEOLOGIST (WELL-SITE)

(Print length: 75")



print length=75"

VESS OIL CORP.
Vamer-Prohaska #1
Augusta Field
110' FSL & 2565' FEL
Sec: 8 T28S-R4E
Butler Cnty, KS
KB: 1264' GL: 1258'
API# 15-015-24060-00-00

Respectfully submitted,
Roger L. Martin, Geologist (well-site)

UNLIMITED Services, LLC

INVOICE # 806198

4602 Field #Kfcdcc 4511

TICKET NUMBER 46224
LOCATION El Dorado
FOREMAN FUZZY

Jhanute, KS 66720
410 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
0-23-15	8511	Janner Pothaska #1	8	28	4	Boutwell
CUSTOMER		Augusta T. Pothaska		TRUCK#		DRIVER
MAILING ADDRESS		1700 Water Street P.O. Box 15500		608		Tracey
CITY		Wichita		775		Terry
STATE		KS		ZIP CODE		67206

JOB TYPE	sunface	HOLE SIZE	12 1/4	HOLE DEPTH	262	CASING SIZE & WEIGHT	8 3/8
CASING DEPTH	262	DRILL PIPE		TUBING		OTHER	
SLURRY WEIGHT	14.7	SLURRY VOL	35.7	WATER gal/sk	6.5	CEMENT LEFT in CASING	2.0
DISPLACEMENT	15.4	DISPLACEMENT PSI		MIX PSI		RATE	

REMARKS: Safety meeting on 4/6 #1. Rig up and establish circulation. Pump 5 BBL water mix 150 SKS Class A' 3.90 cc w/ 1/2" poly flake per SK. Displace 15 1/2 BBL and shut in. cement did circulate approx 5+ BBLs to pit

Thanks Fuzzy crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
60450	1	PUMP CHARGE	1500.00	1500.00
60003	22 miles	MILEAGE	7.15	157.30
60711	7.1 tow	Tow mileage Delivery (min)	660.00	660.00
66500-A	150 SKS	Class A	20.00	3000.00
66325	450	Caterum Chloride	1.00	450.00
66075	75	Poly flake	2.00	150.00
Subtotal				5917.30
Less discount			4090	2366.92
Subtotal				3549.38
				3550.38
SALES TAX				145.80
ESTIMATED TOTAL				3696.18

SCANNED

RAVIN 3737 AUTHORIZATION Cotton 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

UNCONSOLIDATED
Oil Well Services, LLC

4679
Field Hrt doc
4587
INVOICE #806244

TICKET NUMBER 46225
LOCATION Ch Bonaroo
FOREMAN Fuzzy

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-28-15	8511	Uarner - Prohaska #1	8	28	42	Butler
CUSTOMER Vess Oil Corporation			TRUCK#			
MAILING ADDRESS 1700 Waterfront Pkwy Bldg 500			DRIVER			
CITY Wichita			TRUCK#			
STATE KS			DRIVER			
ZIP CODE 67206						

JOB TYPE Production HOLE SIZE 7 1/8 HOLE DEPTH 2400' CASING SIZE & WEIGHT 5 1/2 15LS
 CASING DEPTH 2403' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.2 SLURRY VOL 44.8 WATER gal/sk _____ CEMENT LEFT in CASING 45 1/4
 DISPLACEMENT 56.12 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on 5/6 #1 float equip cont - 1-3-5-7-9-12
Basket #3. Rig up and circulate 20 min, start rotation
circulate 20 min. Pump 5 BBL water, 500 gal mod flush
5 BBL water. Mix 2 SSKS cement on RH mix 150 SFS
thicket w/ 5# Kol-Seal per sk. Wash pump and lines
Drop plug and displace 56 1/2 BBL. 750' lift. Land
plug @ 1300' float held.

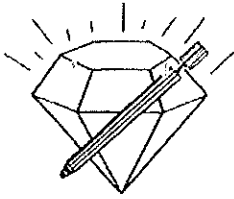
Thanks Fuzzy & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
660451	1	PUMP CHARGE	1900.00	1900.00
660002	22	MILEAGE	7.18	157.96
660711	8.2 Tol	Tol mileage Delivery (min)	660.00	660.00
665860	16811 175 gals	Thive blond F (thicket)	25.00	4375.00
666077	900#	Kol Seal	1.50	450.00
666125	16812 500 gal	Mod Flush	.65	325.00
CP8254	1	5 1/2 - Latchdown plug and bottle	400.00	400.00
CP8485	1	5 1/2 - AFO float shoe	585.00	585.00
CP8554	6	5 1/2 - Cont	81.00	486.00
CP8651	1	5 1/2 - Basket (w)	360.00	360.00
CE 1160	1	5 1/2 - rotator	250.00	250.00
		subtotal		9948.30
		less Disc	9490	4377.25
		subtotal	5577	5571.05
		SALES TAX		194.67
		ESTIMATED TOTAL		5765.72

Rev'n 5737

AUTHORIZATION Casey Bonta 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



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC/Varner-Prohaska1dst1

Company Vess Oil Corporation Lease & Well No. Varner-Prohaska No. 1
Elevation 1264 KB Formation Arbuckle Effective Pay Ft. Ticket No. J3376
Date 10-27-15 Sec. 8 Twp. 28S Range 4E County Butler State Kansas
Test Approved By Roger L. Martin Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 2,387 ft. to 2,400 ft. Total Depth 2,400 ft.
Packer Depth 2,382 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 2,387 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 2,390 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 2,397 ft. Recorder Number 13498 Cap. 6,000 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 9.0 Water Loss 8.0 cc. Drill Pipe Length 2,181 ft I.D. 3 in.
Chlorides 1,100 P.P.M. Test Tool Length 26 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 1 Anchor Length 13 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-FH in.

Blow: 1st Open: Strong blow increasing. Off bottom of bucket in 2 mins. Weak blow back during shut-in.

2nd Open: Strong blow increasing. Off bottom of bucket in 1 1/2 mins. No blow back during shut-in.

Recovered 60 ft. of gas in pipe
Recovered 590 ft. of gas cut oil = 6.395600 bbls. (Grind out: 15%-gas; 85%-oil) Gravity: 34 @ 60°
Recovered 225 ft. of slightly oil cut, gas cut water = 2.439000 bbls. (Grind out: 15%-gas; 5%-oil; 80%-water)
Recovered 980 ft. of very slightly oil cut, gas cut water = 9.557600 bbls. (Grind out: 15%-gas; 1%-oil; 84%-water)
Recovered 1,795 ft. of TOTAL FLUID = 18.392200 bbls.

Recovered ft. of
Remarks Tool Sample Grind Out: 100%-water (Chlorides: 24,000 Ppm RW: .45 @ 70°)

Time Set Packer(s) 7:25 P.M. Time Started off Bottom 10:25 P.M. Maximum Temperature 105°
Initial Hydrostatic Pressure.....(A) 1159 P.S.I.
Initial Flow Period.....Minutes 30 (B) 98 P.S.I. to (C) 446 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 951 P.S.I.
Final Flow Period.....Minutes 45 (E) 467 P.S.I. to (F) 749 P.S.I.
Final Closed In Period.....Minutes 60 (G) 952 P.S.I.
Final Hydrostatic Pressure.....(H) 1142 P.S.I.

Diamond Testing General Report



John Riedl
TESTER
CELL: 620-793-0550

General Information

Company Name	VESS OIL CORPORATION	Job Number	J3376
Contact	PAUL RAMONETTA	Representative	JOHN RIEDL
Well Name	VARNER-PROHASKA #1	Well Operator	VESS OIL CORPORATION
Unique Well ID	DST #1 ARBUCKLE 2387-2400	Report Date	2015/10/28
Surface Location	S8/28S/4E BUTLER CO., KS	Prepared By	JOHN RIEDL
Field	AUGUSTA	Qualified By	ROGER MARTIN

Test Information

Test Type	DST #1 CONVENTIONAL
Formation	ARBUCKLE
Well Fluid Type	
Test Purpose	

Start Test Date	2015/10/27	Start Test Time	17:40:00
Final Test Date	2015/10/28	Final Test Time	03:20:00

Test Recovery

RECOVERY: 60' GAS IN PIPE
 590' GAS CUT OIL (15% GAS, 85% OIL) GRAVITY: 34 @ 60 DEGREES
 225' SLIGHTLY OIL CUT, GAS CUT WATER (15% GAS, 5% OIL, 80% WATER)
 980' VERY SLIGHTLY OIL CUT, GAS CUT WATER (15% GAS, 1% OIL, 84% WATER)
 1795' TOTAL FLUID

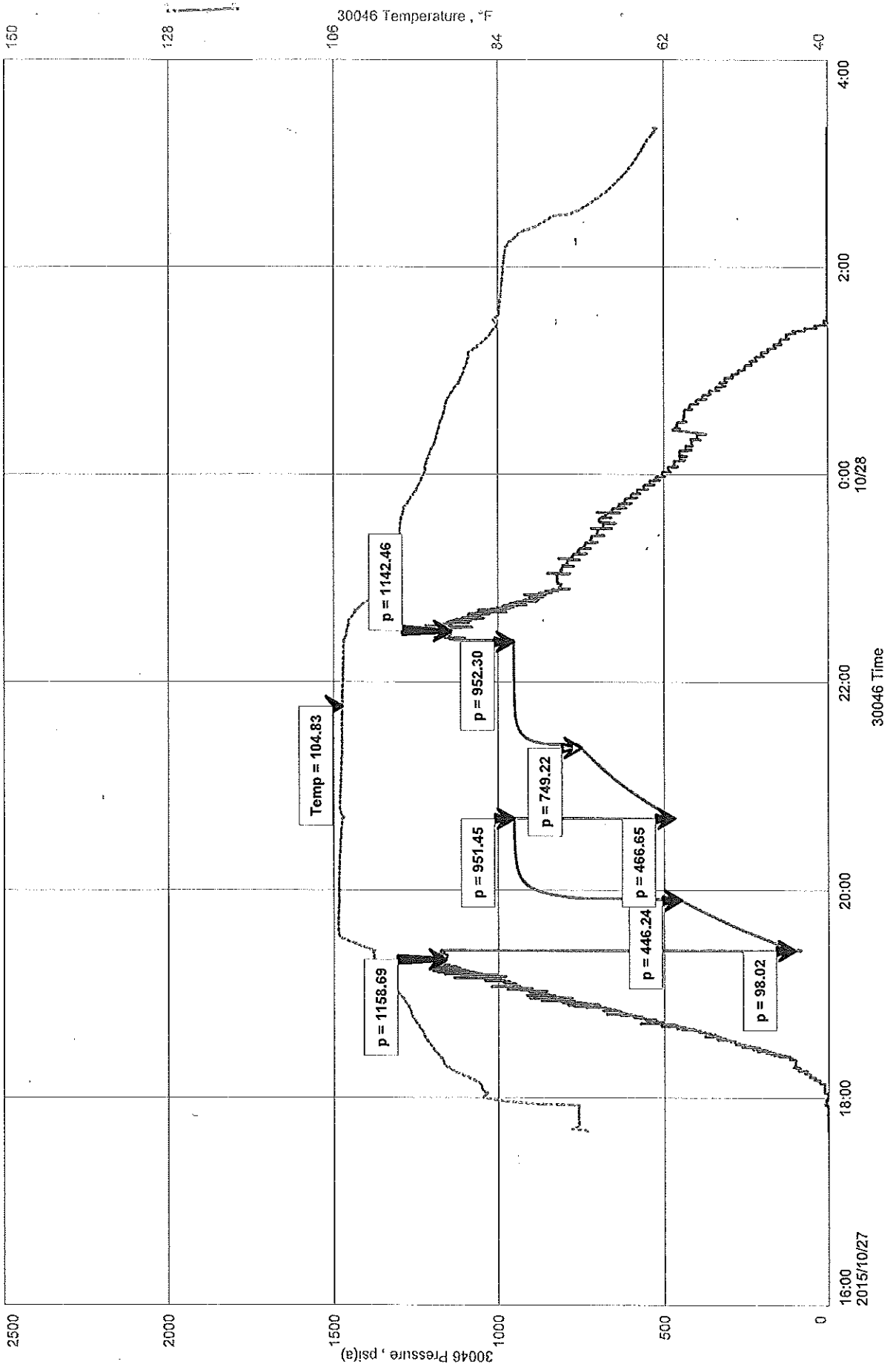
TOOL SAMPLE: 100% WATER

CHLORIDES: 24,000 PPM
 RW: .45 @ 70 DEGREES

VESS OIL CORPORATION
DST #1 ARBUCKLE 2387-2400
Start Test Date: 2015/10/27
Final Test Date: 2015/10/28

VARNER-PROHASKA #1
Formation: ARBUCKLE
Pool: Infield
Job Number: J3376

VARNER-PROHASKA #1



ATTACHMENT TO ACO-1

Varner-Prohaska #1 – API #15-015-24060-0000
 110'FSL, 2565'FEL
 Sec. 8-28S-04E
 Butler County, KS

	<u>LOG TOPS</u>	<u>SAMPLE TOPS</u>
Oread	1385 -121	1383 -119
Heebner	1424 -160	1423 -159
Douglas SH	1454 -190	1453 -189
Douglas SD	1463 -199	1457 -193
Lansing	1689 -425	1689 -425
Kansas City	1985 -721	1984 -720
Stark	2102 -838	2101 -837
B/KC	2190 -926	2190 -926
Checkerboard	2219 -955	2219 -955
Hepler Sand	2231 -967	2231 -967
Altamont	2262 -998	2262 -998
Pavnee	2304 -1040	2304 -1040
Cherokee	2330 -1066	2331 -1067
Ardmore	2385 -1121	2385 -1121
Arbuckle	2493 -1229	2493 -1229
PTD	2400 -1136	2400 -1136

DST #1 2387-2400 Zone: Arbuckle (2393-2400)

Times: 30-45-45-60

1st open: Strong Btm of bkt: 2 min WK BB

2nd open Strong Btm of bkt: 1 ½ min

Rec.: 60' GIP, 590' CGO(15-G, 85-O) 34 gr, 225' SLG + OCW(15-G, 5-O, 80-W)

Chlorides- 24000, 980' VSLOCGW(15-G, 1-O, 84-W)

Tool: 100-W

IHP: 1159

FHP: 1142

IFP: 98-446

FFP: 467-749

ISIP: 951

FSIP: 952

TEMP: 105 degrees F