

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 163-233080000

COPY

file

Operator: License # 5030

Name: VESS OIL CORPORATION

Address 8100 E. 22nd St. North

Bldg. 300

City/State/Zip Wichita, Kansas 67226

Purchaser: Cooperative Refining LLC

Operator Contact Person: W.H. Horigan

Phone (316) 682-1537

Contractor Name: L. D. DRILLING, INC.

License: 6039

Wellsite Geologist: Craig Caulk

Describe Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD
☐ Plug Back ☐ PBTD
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) ☐ Docket No. _____

1-05-00 1-17-00 4-25-00
Spud Date Date Reached TD Completion Date

County ROOKS
100' N & 100' E
- NW - SE - SW Sec. 7 Twp. 10 S Rge. 19 X W
1090 Feet from S/N (circle one) Line of Section
3530 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name HAIGHT Well # 1-7

Field Name Marcotte

Producing Formation Arb/LKC

Elevation: Ground 2227' KB 2232'

Total Depth 3878' PBTD 3807'

Amount of Surface Pipe Set and Cemented at 258' Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 1655' Feet

If Alternate II completion, cement circulated from 1655'

feet depth to surf w/ 435 sx cmt.

Drilling Fluid Management Plan A.H. 2 6-16-'00 U.O.
(Data must be collected from the Reserve Pit)

Chloride content 8400 ppm Fluid volume 350 bbls

Dewatering method used evaporatin

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 207B, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature *Michael D. Henning*

Title Operations Engineer Date 5/1/00

Subscribed and sworn to before me this 1st day of May, 2000.

Notary Public *Michael D. Henning*

Date Commission Expires _____



K.C.C. OFFICE USE ONLY		
F	Letter of Confidentiality Attached	
C	Wireline Log Received	
C	Geologist Report Received	
Distribution		
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)

SIDE TWO

72904

Operator Name VESS OIL CORPORATIONLease Name HAIGHTWell # 1-7Sec. 7 Twp. 10S Rge. 19 ☐ EastCounty ROOKS☒ West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No
(Attach Additional Sheets.)Samples Sent to Geological Survey ☒ Yes ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run:

SEE ATTACHMENT SHEET

☐ Log Formation (Top), Depth and Datums ☐ Sample
Name Top Datum

CASING RECORD

☒ New ☒ 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
surface	12 1/4"	8 5/8"	24#	258'	Pozmix	150	2% Gel, 3% cc
production	7 7/8"	5 1/2"	14#	3877'	ACS	150	2% gel, 10% salt,
					2nd stage	435	5# Gil per sk 60/40 poz

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				

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
4	3629-32 LKC	750 gal 28%	
4	3792-93; 3796-97 Arb	100 gal 15%	
	CIBP 3807		
4	3811-12; 3814-15 Arb		

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-7/8	3800			
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
4/26/00					
Estimated Production Per 24 Hours	Oil 15 Bbls.	Gas ----- Mcf	Water 300 Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: METHOD OF COMPLETION

Production Interval

☒ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☒ Commingled
☐ Other (Specify) _____

LKC/ARB

COPY

SAMPLE TOPS

Anhy	1644 +588
Topeka	3228 -996
Heebner	3439 -1207
Lansing	3475 -1243
B/KC	3682 -1450
Arb	3770 -1538

LOG TOPS

1643 +589
3230 -998
3440 -1208
3476 -1244
3687 -1455
3770 -1538

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CONSERVATION DIVISION
Wichita, Kansas

COPY

Haight #1-7
NW SE SW 7-10S-19W
Rooks County, KS

DST #1	<u>3245-3272</u>	ZN	<u>Topeka</u>
Times:	45-60-60-75		
Blow:	IO: weak blow bldg to 11"		
	FO: weak blow bldg to BB		
Rec:	45'MW (45% m, 55% wtr)		
	125'SGCMW (4% g, 15% m 81% wtr)		
IFP:	9-45	FFP:	46-88
ISIP:	906	FSIP:	889
HP:	1493/1483	Temp	96

DST #2	<u>3518-3542</u>	ZN	<u>Upper</u>
Times:	45-60-60-75		Lansing
Blow:	1st: weak blow inc to 8"		
	2nd: weak blow inc to 8"		
Rec:	130'SW		
IFP:	7-37	FFP:	39-69
ISIP:	354	FSIP:	350
HP:	1700-1685	Temp	103

DST #3	<u>3619-3656</u>	ZN	<u>I & J</u>
Times:	45-60-60-75		
Blow:	1st-wk blw inc to BB 32 min.		
	2nd-wk blw inc to BB 44 min.		
Rec:	120'GIP		
	25'CO (35 gravity)		
	166'SGCMW (2% g, 8% m, 90% wtr)		
	scum of oil throughout		
IFP:	8-53	FFP:	56-96
ISIP:	393	FSIP:	386
HP:	1761/1751	Temp	106

DST #4	<u>3656-3692</u>	ZN	<u>K & L</u>
Times:	45-60-60-75		
Blow:	1st-weak 1/4" blw inc to 1"		
	2nd-weak 1/4" blw inc to 1"		
Rec:	30'GIP		
	10'CO		
	10'OCM (20% oil, 80% mud)		
IFP:	8-14	FFP:	13-18
ISIP:	624	FSIP:	425
HP:	1786/1760	Temp	98

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DST #5 3743-3760 ZN Simpson
 Times: 30-45-45-60
 Blow: 1st open-1/4" blow inc. to 1" intermittent blow
 2nd open-no blow
 Rec: 2'OCM (10% oil, 90% mud)
 IFP: 7-9 FFP: 7-9
 ISIP: 36 FSIP: 48
 HP: 1935/1795 Temp 98

DST #6 3742-3774 ZN Arbuckle
 Times: 30-45-45-60
 Blow: 1st open - strong blow off BB 1 min.
 2nd open - strong blow off BB 3 min.
 Rec: 292'SOCWM (5% oil, 20% water, 75% mud)
 248'VSOCMW (2% oil, 55-78% wtr, 2-43% mud)
 1302'VSOMCW (2% oil, 2-10% mud, 88-96% wtr)
 248'SW w/scum oil
 IFP: 296-885 FFP: 898-947
 ISIP: 943 FSIP: 954
 HP: 1844/1831 Temp 110

DST #7 3788-3810 ZN Arbuckle
 Times: 30-45-45-60
 Blow: 1st open - BB 1-1/4 min.
 2nd open - BB 2-1/4 min.
 Rec: 1'CO (27 gravity)
 300'OGCWM 4% gas, 5% oil, 45% wtr, 46% mud
 992'OMW 4-6% oil, 4% mud, 88-94% wtr
 496'SOCMW 1% mud, 2% oil, 97% wtr
 434'SW scum of oil
 good show of free oil in tool
 IFP: 188-692 FFP: 678-968
 ISIP: 1051 FSIP: 1049
 HP: 1881/1872 Temp 110 Degrees

DST #8 3814-25 ZN Arbuckle
 Times: 30-45-45-60
 Blow: 1st open - BB 1 min.
 2nd open - BB 1-1/2 min.
 Rec: 3'CO
 164'SOGCWM - 2% oil, 14% gas, 33% wtr, 55% mud
 124'SOCMW - 2% oil, 22% mud, 76% wtr
 497'SOCMW - 2% oil, 1-2% mud, 96-97% wtr
 1800' SW specs oil throughout
 IFP: 283-1007 FFP: 1011-1156
 ISIP: 1158 FSIP: 1159
 HP: 1891/1879 Temp 110 Degrees

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 Wichita, Kansas