

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

4/19/08
Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5030
Name: Vess Oil Corporation
Address: 1700 Waterfront Parkway, Bldg. 500
City/State/Zip: Wichita, KS 67206
Purchaser: KCC
Operator Contact Person: W.R. Horgan
Phone: (316) 682-1537 X103
Contractor: Name: C & G Drilling Company
License: 32701
Wellsite Geologist: Paul Ramondetta

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, 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./SWD
☐ Plug Back _____ Plug Back Total Depth _____
☐ Commingled _____ Docket No. _____
☐ Dual Completion _____ Docket No. _____
☐ Other (SWD or Enhr.?) _____ Docket No. _____

2/26/07 3/9/07 4/11/07
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

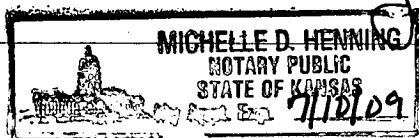
API No. 15 - 191-22504-00-00
County: Sumner
C E/2 SW Sec. 31 Twp. 33 S. R. 04 ☐ East ☒ West
1980 feet from S N (circle one) Line of Section
1320 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Harper Well #: #2-31
Field Name: Gerberding
Producing Formation: Mississippi Chert
Elevation: Ground: 1249 Kelly Bushing: 1257
Total Depth: 4735 Plug Back Total Depth: 4425
Amount of Surface Pipe Set and Cemented at 328 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 Alt INH 9-22-08
(Data must be collected from the Reserve Pit)
Chloride content 25000 ppm Fluid volume 800 bbls
Dewatering method used hauling and evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: VESS OIL CORPORATION
Lease Name: Springer #1 License No.: 5030
Quarter NE Sec. 21 Twp. 33 S. R. 04 ☐ East ☒ West
County: Sumner Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: Casey Costa
Title: Operations Engineer Date: 4/19/07
Subscribed and sworn to before me this 19th day of April,
20 07.
Notary Public: Michelle D. Henning
Date Commission Expires: _____



KCC Office Use ONLY	
<u>Y</u>	Letter of Confidentiality Attached
<input checked="" type="checkbox"/>	If Denied, Yes <input type="checkbox"/> Date: _____
<input checked="" type="checkbox"/>	Wireline Log Received
<input checked="" type="checkbox"/>	Geologist Report Received
<input type="checkbox"/>	UIC Distribution
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CONSERVATION DIVISION
WICHITA, KS

Operator Name: Vess Oil Corporation Lease Name: Harper Well #: #2-31
 Sec. 31 Twp. 33 S. R. 04 ☐ East ☒ West County: Sumner

INSTRUCTIONS: Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☒ Yes ☐ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No
 (Submit Copy)

List All E. Logs Run:

Dual Induction; Cased Hole GR-Neutron-CCL
 Cement Bond Log

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

See attached

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CASING RECORD <input checked="" 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	# Sacs Used	Type and Percent Additives
surface	12-1/4"	8-5/8"	23	328	Class A	200	2% gel, 3% cc
production	7-7/8"	4-1/2"	10.5	4485'	60/40 pozmix	25	
					AA-2	125	5#/sk kolseal

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	4311 - 4341	1500 gal 7-1/2% NE FE acid	4311-41

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	4310	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 4/11/07 - test only			Producing Method <input checked="" 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
	0	500	0		

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)

4311-4341 RECEIVED
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ATTACHMENT TO ACO-1

Harper #2-31
1980'FSL & 1320'FWL
Sec. 31-33S-04W
Sumner County, KS

DST #1 4303-4343 Zone: MISSISSIPPI CHERT

Times: 23-49-30-62

1st open: GTS 3 MIN, 13 MIN 840 MCF + BLDG, 20 MIN 907 MCF2nd open GTS, IMM, 10 MIN 951 MCF, 30 MIN 951 MCF

Rec.: 135' DRILLING MUD, NO OIL, NO WATER

IHP: 2074 FHP: 2043

IFP: 197-224 FFP: 212-217

ISIP: 1672 FSIP: 1652 TEMP: 131

GAS SAMPLE TO PRIORITY ANALYTICAL LAB

DST #2 4724-4729 Zone: SIMPSON

Times: 30-30-30-31

1st open: 1/2" weak surface blow2nd open 1/4" weak surface blow

Rec.: 15' wcm (27% wtr, 73% mud, slight trace of light oil)

IHP: 2303 FHP: 2226

IFP: 11-18 FFP: 20-26

ISIP: 118 FSIP: 94

DST #3 4724-4735 Zone: SIMPSON

Times: 30-45-45-60

1st open: WEAK BLDG TO 1 1/2"2nd open WEAK TO 1/2"

Rec.: 30' GIP, 25' HWCM(36% WTR, 64% MUD, TR LT OIL)

IHP: 2281 FHP: 2211

IFP: 18-25 FFP: 23-31

ISIP: 106 FSIP: 343

SAMPLE TOPS**LOG TOPS**

HEEBNER		2948 - 1691
STALNECKER	3385 -2128'ss	3386 -2129
LAYTON		
KC	3624 -2367	3621 -2364
HERTHA	3831 -2574	
B/KC	3852 -2595	3854 - 2597
MARMATON	3943 -2686	3944 -2687
CHEROKEE	4079 -2822	4082 -2825
MISSISSIPPI	4301 -3044	4302 -3045
MISS CHERT POR	4311 -3054	4311 -3054
BASE POR	4342 -3085	
KINDERHOOK	4639 -3382	4639 -3382
SIMPSON SAND	4724 -3467	4724 -3467
RTD	4735	
LTD		4733

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WICHITA, KS



FIELD ORDER 15702

Subject to Correction

Date <u>3-10-07</u>		Customer ID		Lease <u>HARPER</u>	Well # <u>2-31</u>	Legal <u>31-33-4</u>
CHARGE		County <u>SEMINER</u>		State <u>KS</u>	Station <u>PLATT</u>	
VESS OIL CORP		Depth	Formation			Shoe Joint <u>44</u>
		Casing <u>4 1/2</u>	Casing Depth <u>4484</u>	TD <u>4735</u>	Job Type <u>LOWESTILING - W</u>	
		Customer Representative <u>CASEY</u>			Treater <u>COOKLEY</u>	
AFE Number		PO Number		Materials Received by <u>X</u>		

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WICHITA, KS

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

TOTAL 11,274.44

Taylor Printing, Inc. 620-672-3656



FIELD ORDER 16134

Subject to Correction

Date <u>2-26-07</u>		Customer ID		Lease <u>Harper</u>	Well # <u>2-31</u>	Legal <u>31-33S-4W</u>
CHARRGE		<u>Vess Oil Corp.</u>		County <u>Sumner</u>	State <u>Ks.</u>	Station <u>Pig #</u>
		Depth	Formation		Shoe Joint <u>20</u>	
		Casing <u>4 5/8</u>	Casing Depth <u>328</u>	TD <u>332</u>	Job Type <u>8 5/8 S.P. N.W.</u>	
		Customer Representative <u>Duke</u>			Treater <u>Bobby Digke</u>	
AFE Number		PO Number		Materials Received by <input checked="" type="checkbox"/> <u>Duke Poulter</u>		

[illegible]

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Discounted Price

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TOTAL

VESS OIL CORPORATION

4/19/08

April 19, 2007

Kansas Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

KCC
APR 19 2007
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Re: API #15-191-22504-00-00
Harper #2-31
C E/2 SW
Sec. 31-33S-04W
Sumner County, KS

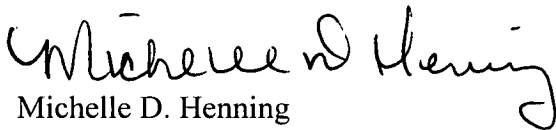
Gentlemen:

Enclosed is the completed ACO-1 and attachments for the Harper #2-31.

We are requesting that the information on this ACO-1 be held confidential for twelve (12) months.

If you have any questions please contact our office.

Very truly yours,



Michelle D. Henning
Production

/mdh

Enclosures

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