

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 5030  
Name: Vess Oil Corporation  
Address: 8100 E. 22nd Street North, Bldg. 300  
City/State/Zip: Wichita, KS 67226  
Purchaser: \_\_\_\_\_  
Operator Contact Person: W.R. Horigan  
Phone: (316) 682-1537 X103  
Contractor: Name: C & G Drilling Company  
License: 32701  
Wellsite Geologist: Paul Ramondetta

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Designate 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/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. \_\_\_\_\_

<u>8/30/06</u>	<u>9/9/06</u>	<u>9/22/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 191-22,473 - 00-00  
County: Sumner  
SE SE SW Sec. 31 Twp. 33 S. R. 04  East  West  
380' feet from (S) N (circle one) Line of Section  
2330' 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 #: #1-31  
Field Name: Gerberding

Producing Formation: Mississippi  
Elevation: Ground: 1238' Kelly Bushing: 1246'  
Total Depth: 4800' Plug Back Total Depth: 4387'  
Amount of Surface Pipe Set and Cemented at 290 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) *ALTI WITHIN 12-13-07*  
Chloride content 52000 ppm Fluid volume 1200 bbls  
Dewatering method used hauling and evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: D&A Oil  
Lease Name: Ivie License No.: 30914  
Quarter SE Sec. 32 Twp. 31 S. R. 02  East  West  
County: Sumner Docket No.: D-15,797

**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: Bassey Coats  
Title: Operations Engineer Date: 10/17/06

Subscribed and sworn to before me this 17<sup>th</sup> day of October

20 06  
Notary Public: Michelle D. Henning

Date Commission Expires: \_\_\_\_\_  
**MICHELLE D. HENNING**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appl. Exp. 11/10/09

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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Operator Name: Vess Oil Corporation Lease Name: Harper Well #: #1-31  
 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:

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 See attached

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

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"	24	290'	60/40 pozmix	200	2% gel, 3% cc
production	7-7/8"	4-1/2"	10.5	4434'	AA-2	150	5#/sk calseal
					60/40 pozmix	25	

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	4310 to 4350	1500 gal 7-1/2% NE FE acid	4310-50

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	4308'	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
10/12/06		<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	200	0		

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_  
 Production Interval: 4310-4350

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ATTACHMENT TO ACO-1

Harper #1-31  
50 N 20'E of SE SE SW  
Sec. 31-33S-04W  
Sumner County, KS

DST #1 4302-4342 Zone: MISSISSIPPI CHERT  
Times: 20-45-30-60  
1<sup>st</sup> open: GTS 2 MIN, 10 MIN 1.6 MMCF, 20 MIN 1.8 MMCF  
2<sup>nd</sup> open GTS, 1.9 MMCF, 10 MIN 2.0 MMCF STEADY TO 30 MIN  
Rec.: 230'W&GCM(25%W, 5%G, 70%M) CHLORIDES 50000  
IHP: 2155 FHP: 2071  
IFP: 241-430 FFP: 430-450  
ISIP: 1722 FSIP: 1712 TEMP: 131  
GAS SAMPLE TO PRIORITY LAB

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DST #2 4735-4750 Zone: SIMPSON  
Times: 30-45-45-65  
1<sup>st</sup> open: WEAK BLOW BLDG TO 4"  
2<sup>nd</sup> open 1" BLOW  
Rec.: 160'GIP, 25' VSOCM  
IHP: 2308 FHP: 2222  
IFP: 40-42 FFP: 47-53  
ISIP: 771 FSIP: 737 TEMP:

SAMPLE TOPS

HEEBNER  
STALNECKER 3374' -2128'SS  
LAYTON  
KC 3621 -2375'SS  
HERTHA 3836 -2590'SS  
B/KC 3856 -2610'SS  
MARMATON 3948 -2702'SS  
CHEROKEE 4084 -2830'SS  
MISSISSIPPI 4298 -3052'SS  
KINDERHOOK  
SIMPSON SAND 4734 -3488'SS

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