

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

API NO. 15- 109-570000  
County LOGAN  
NE NW SW Sec. 6 Twp. 11 Rge. 33 X W

Operator: License # 5030  
Name: Vess Oil Corporation  
Address 8100 E. 22nd St. North Bldg. 300

2310 Feet from SW (circle one) Line of Section  
990 Feet from E/W (circle one) Line of Section

City/State/Zip Wichita, Kansas 67226

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

Purchaser: \_\_\_\_\_

Lease Name Close Well # 2-6

Operator Contact Person: W.R. Horigan

Field Name unnamed

Phone (316) 682-1537

Producing Formation Johnson / LKC

Contractor: Name: L.D. Drilling, Inc.

Elevation: Ground 3165 KB 3170

License: 6039

Total Depth 4740' PBDT 4719'

Wellsite Geologist: Kim Shoemaker

Amount of Surface Pipe Set and Cemented at 351 Feet

Designate Type of Completion  
 New Well  Re-Entry  Workover

Multiple Stage Cementing Collar Used?  Yes  No

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

If yes, show depth set 2633' Feet

If Workover/Reentry: Old Well Info as follows:

If Alternate II completion, cement circulated from 2633  
feet depth to surface w/ 370 sx cmt.

Operator: \_\_\_\_\_

Drilling Fluid Management Plan A11.2 8-10-98 U.C.  
Data must be collected from the Reserve Pit?

Well Name: \_\_\_\_\_

Chloride content 13200 ppm Fluid volume 2000 bbls

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Dewatering method used evaporation

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBDT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

10-11-97 10-21-97 11/3/97

Operator Name \_\_\_\_\_

Spud Date Date Reached TD Completion Date

Lease Name \_\_\_\_\_

License No. \_\_\_\_\_

Quarter Sec. Twp. 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 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 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 W.R. Horigan  
Title Operations Manager Date 2/5/98

Subscribed and sworn to before me this 5<sup>th</sup> day of February, 19 98.

Notary Public Michelle 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  
 KCC STATE  SWD/Rep  NGPA  
 KGS  Plug  Other  
FEB 17 1998 (Specify)  
2-17-1998

Operator Name Vess Oil Corporation Lease Name Close Well # 2-6  
 Sec. 6 Twp. 11 Rge. 33  East County Logan  
 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E.Logs Run:			
Dual Induction Log			
Gamma Ray Log			
Comp Density/Comp Neutron			

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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
Surface	12 1/4"	8 5/8"	24#	351'	50/50 Poz	190	2% Gel, 3% cc
Production	7 7/8"	4 1/2"	10.5 #	4739'	EA2	235	
					MidCon 2	370	

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
2	4307-4310	1000 gal 15% FE acid	
2	4331-4341	1500 gal 15% FE acid	
2	4646-4656	1500 gal 15% FE acid	

TUBING RECORD	Size 2-3/8	Set At 4682	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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)			
11/3/97				
Estimated Production Per 24 Hours	Oil Bbls. 127	Gas Mcf	Water Bbls. 15	Gas-Oil Ratio Gravity

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 4307-10  
4331-41  
~~4646-56~~

ORIGINAL

Close #2-6  
NE NW SW  
Sec. 6-11S-33W  
Logan County, KS

15-109-20657

DST #1      4302 - 4330      ZN      Lans/J  
Times:      30-45-60-90  
Blow:      1st open-Built to 4"  
            2nd open-Built to 7"  
Rec:      160'GIP, 20'CO (34 grav)  
            10'HOGCM (8% gas,  
            26% oil, 66% mud)  
IFP:      82-66      FFP: 82-68  
ISIP:      1148      FSIP:      1156  
HP:      2186-2158      Temp      116

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DST #2      4325-4355      ZN      Lans K  
Times:      30-45-45-60  
Blow:      1st open -BOB in 5 min  
            2nd open -BOB in 7 min  
Rec:      1257'GIP, 479'CO (39 Deg)  
62'SMGO (20%mud,18%gas,62%oil)  
62'SMGO (16%mud, 34%gas,50%oil)  
IFP:      112-153      FFP: 178-260  
ISIP:      902      FSIP:      913  
HP:      2213-2199      Temp      118

RELEASED  
4-9-1999  
APR 09 1999

FROM CONFIDENTIAL

DST #3      4360-4385      ZN      Lans L  
Times:      30-45-45-60  
Blow:      1st open-Built to 7"  
            2nd open-Built to 5"  
Rec:      45'SGWM(2%gas, 48% wtr,  
            50%mud) 80'GIP, 186'SW  
IFP:      82-109      FFP: 137-164  
ISIP:      1325      FSIP:      1325  
HP:      2240-2213      Temp      118

KCC  
2-5  
FEB  
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DST #4      4600-4695      ZN      Johnson  
Times:      30-45-45-60  
Blow:      1st open-BOB-9 min.  
            2nd open-BOB-13 min.  
Rec:      855'GIP  
            107'CO (26 deg gravity)  
            248'SGCMO (43-56% oil,  
            14-24% gas, 26-43% mud)  
IFP:      139-156      FFP: 205-238  
ISIP:      462      FSIP:      445  
HP:      2349-2391      Temp      122

STATE OF KANSAS COMMISSION

2-17-1998  
FEB 17 1998

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SAMPLE TOPS		LOG TOPS
Anhydrite	2648 (+522)	2640 (+530)
B/Anh	2674 (+496)	2668 (+502)
Heebner	4064 (-894)	4056 (-886)
Lansing	4103 (-933)	4099 (-929)
KC	4178 (-1008)	4174 (-1004)
Munc Crk	4245 (-1075)	4238 (-1068)
Stark	4327 (-1157)	4319 (-1149)
Hush.	4361 (-1191)	4354 (-1184)
BKC	4385 (-1215)	4375 (-1205)
Marm	4411 (-1241)	4406 (-1236)
Ft Scott	4570 (-1400)	4566 (-1396)
Cherokee	4602 (-1432)	4598 (-1428)
Johnson	4647 (-1477)	4642 (-1473)
Miss	4713 (-1543)	4710 (-1540)
TD	4740	4736

15-109-20657

ORIGINAL

CONFIDENTIAL

RELEASED  
4-9-1999  
APR 09 1999

FROM CONFIDENTIAL

KCC  
2-5  
FEB 5  
CONFIDENTIAL



15-109-20657-00-00

REMIT TO:  
P O BOX 951046  
DALLAS, TX 75395-1046  
Corporate FIN 73-0271280

CUSTOMER COPY  
INVOICE

WF



HALLIBURTON®

HALLIBURTON ENERGY SERVICES, INC.

INVOICE NO	DATE
197055	10/21/1997

WELL LEASE NO./PROJECT CLOSE 2-6		WELL/PROJECT LOCATION LOGAN		STATE KS	OWNER SAME
SERVICE LOCATION HAYS		CONTRACTOR	JOB PURPOSE SHOWN BELOW		TICKET DATE 10/21/1997
ACCT. NO. 24842	CUSTOMER AGENT CASEY COALS	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 32037

ORIGINAL

DIRECT CORRESPONDENCE TO:

VESS OIL CORP.  
8100 E. 22ND NORTH  
BUILDING 300  
WICHITA, KS 67226

1102 E. 8TH  
HAYS KS 67601  
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
500-306	MILEAGE CHRG MAY DEL OR RETURN	2176.125	TR1	1.18	2,567.83
JOB PURPOSE SUBTOTAL					22,668.93
INVOICE SUBTOTAL					22,668.93
DISCOUNT - (BUD)					7,621.21
INVOICE BUD AMOUNT					15,047.72
*- KANSAS STATE SALES TAX					577.44
*- HAYS CITY SALES TAX					117.84
<b>INVOICE TOTAL - PLEASE PAY THIS AMOUNT</b>					<b>\$15,742.50</b>

KCC  
2-5  
FEB 5  
CONFIDENTIAL

RELEASED  
4-9-1999  
APR 09 1999

FROM CONFIDENTIAL

2-17-1998  
FEB 17

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer

CUSTOMER COPY

15-109-20657-00-00

REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046  
Corporate FIN 73-0271280



HALLIBURTON®

HALLIBURTON ENERGY SERVICES, INC.

WF

INVOICE

INVOICE NO.	DATE
197055	10/21/1997

WELL LEASE NO./PROJECT LOGAN ORIGINAL	WELL/PROJECT LOCATION LOGAN ORIGINAL	STATE KS	OWNER SARE
SERVICE LOCATION LOGAN ORIGINAL	CONTRACTOR SHOWN BELOW	JOB PURPOSE CONFIDENTIAL	TICKET DATE 10/21/1997
ORDER NO. 4842	CUSTOMER AGENT CASEY COATS	VENDOR NO.	CUSTOMER P.O. NUMBER
			SHIPPED VIA COMPANY TRUCK
			FILE NO. 32037

WESS OIL CORP.  
8100 E. 22ND NORTH  
BUILDING 300  
WICHITA, KS 67226

RELEASED  
4-9-1999  
APR 09 1999

DIRECT CORRESPONDENCE TO:  
1102 E. 8TH  
WAYS KS 67601  
913-625-3431

FROM CONFIDENTIAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
00-117	MILEAGE CEMENTING ROUND TRIP	140 MI		3.20	448.00
07-013	MULTI STAGE CEMENTING 1ST STAGE	4740 FT		2,038.00	2,038.00
001-016		1 UNT			
07-161	MULTI STAGE CEMENTING 2ND STAGE	1 STG		1,205.00	1,205.00
6	INSERT VALVE P. S. - 4 1/2"	1 EA		314.00	314.00
847.6316					
7	FILL-UP UNIT 4 1/2"-5"	1 EA		52.00	52.00
815.19113					
0	CENTRALIZER 4-1/2 X 7-7/8	10 EA		56.00	560.00
806.60004					
0	CENTRALIZER-TURBO-4 1/2 X 7-7/8	1 EA		67.00	67.00
806.60104					
20	BASKET-CHT-4 1/2 CSG X 18"OD-	2 EA		108.00	216.00
806.71445					
1	MULTI STAGE CHT-4 1/2 BRD	1 EA		3,066.00	3,066.00
813.80100					
5	PLUG SET - FREE FALL - 2-STAGE	1 EA		495.00	495.00
813.16410					
10-315	MUD FLUSH	500 GAL		.75	375.00
18-303	CLAYFIX II, PER GAL	2 GAL		30.50	61.00
04-308	CEMENT - STANDARD	250 SK		10.83	2,707.50
04-280	MIDCON-2 STANDARD CEMENT	370 SK		13.53	5,006.10
09-406	ANHYDROUS CALCIUM CHLORIDE	7 SK		46.90	328.30
09-268	SALT	900 LB		.17	153.00
07-775	HALAD-322	94 LD		7.70	723.80
08-127	CAL SEAL 60	9 SK		28.00	252.00
07-970	D-AIR 1, POWDER	50 LD		3.65	182.50
19-741	CASING SHIVEL W/O WALL CLEANER	1 JOB		300.00	300.00
00-207	BULK SERVICE CHARGE	678 CFT		1.55	1,050.90

KCC  
2-5  
FEB  
CONFIDENTIAL

\*\*\*\*\* CONTINUED ON NEXT PAGE \*\*\*\*\*

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