

**CONFIDENTIAL**

**ORIGINAL**

1/09/10

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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: MV Purchasing, LLC  
 Operator Contact Person: W.R. Horgan  
 Phone: (316) 682-1537 X103  
 Contractor: Name: L. D. Drilling, Inc. License: 6039  
 Wellsite Geologist: Roger Martin  
 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. \_\_\_\_\_

11/14/08	11/22/08	12/24/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

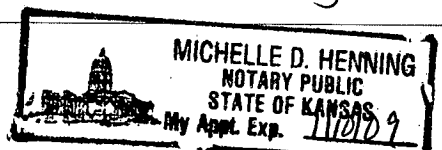
API No. 15 - 188-21572-00-00  
 County: Hodgeman  
 NE SE NW Sec. 2 Twp. 22 S. R. 24  East  West  
 1500 feet from S /  (circle one) Line of Section  
 2310 feet from E /  (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE  NW SW  
 Lease Name: Mothes Well #: 5  
 Field Name: Bindley  
 Producing Formation: Mississippi  
 Elevation: Ground: 2434 Kelly Bushing: 2439  
 Total Depth: 4666 Plug Back Total Depth: 4666  
 Amount of Surface Pipe Set and Cemented at 434 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set 1770 Feet  
 If Alternate II completion, cement circulated from 1770  
 feet depth to 0 w/ 260 sx cmt.  
 Alt 2 - Dlg - 4/21/09

**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit)  
 Chloride content 35000 ppm Fluid volume 1000 bbls  
 Dewatering method used evaporation  
 Location of fluid disposal if hauled offsite:  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 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 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 Coats  
 Title: Operations Engineer Date: 1/8/09  
 Subscribed and sworn to before me this 8th day of January, 2009  
 Notary Public: Michelle D. Henning  
 Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**

Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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 KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Vess Oil Corporation Lease Name: Mothes Well #: 5  
 Sec. 2 Twp. 22 S. R. 24  East  West County: Hodgeman

**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

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Gamma Ray / Neutron Log

*KCC  
New  
1/10/09*

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	# Sacjs Used	Type and Percent Additives
surface	12-1/4	8-5/8	24	434	Class A	300	3% cc 2% gel
production	7-7/8	4-1/2	10.5	4670	EA-2	200	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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	4660 - 4670	250 gal 15% mud acid	4660-70

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TUBING RECORD	Size	Set At	Packer At	Liner Run	CONSERVATION DIVISION WICHITA, KS
	2-3/8	4650'	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumerd Production, SWD or Enhr.	Producing Method				
1/1/09	<input type="checkbox"/> Flowing <input checked="" 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
	70		130		

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 4660-4670

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*For tubing  
 w/ open  
 or 2-3/8"  
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 1/1/09*

ATTACHMENT TO ACO-1

Mothes #5  
 1500'FNL,2310'FWL  
 Sec. 2-22S-24W  
 Hodgeman County, KS

	<u>SAMPLE TOPS</u>	<u>LOG TOPS</u>	
ANHYDRITE	1704 +735	1702	+735
ANHYDRITE BASE	1737 +702	1735	+704
HEEBNER	3957 -1518	3958	-1519
LANSING	4010 -1571	4009	-1570
STARK	4282 -1843	4282	-1843
HERTHA			
B/KC	4374 -1935	4378	-1939
MARMATON	4389 -1950		
FT SCOTT	4545 -2106	4546	-2107
CHEROKEE SH	4569 -2130	4570	-2131
EROS MISS			
MISSISSIPPI LM	4640 -2201	4644	-2205
MISSISSIPPI DOLO	4653 -2214	4660	-2221
TD	4671 -2232	4670	-2231

DST #1 4614-4666 Zone: MISS DOLOMITE

Times: 30-45-45-60

1<sup>st</sup> open: Weak blow bldg to 1.75"

2<sup>nd</sup> open Weak blow bldg to 2"

Rec.: 33' OCM (28-O, 72-M)

IHP: 2265                      FHP: 2210  
 IFP: 34-21                    FFP: 31-30  
 ISIP: 1198                    FSIP: 1200                    TEMP: 123

DST #2 4657-4671 ZONE: MISS DOLOMITE

Times: 30-45-45-60

1<sup>st</sup> open: Weak blow bldg to strong, BOB in 21 min. BB 1"

2<sup>nd</sup> open Weak blow bldg to strong, BOB in 18 min. BB weak blow

Rec.: 287' GIP, 150' CGO(37 gravity), 61' gw & mco(15-G,44-O, 16-W, 25-M)  
 62' vso & mcw( O-2, W-95, M-3) Chlorides 23000

IHP: 2264                      FHP: 2233  
 IFP: 29-60                    FFP: 66-120  
 ISIP: 1249                    FSIP: 1243                    TEMP: 136

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P. O. Box 466  
Ness City, KS 67560  
Off: 785-798-2300



# Invoice

DATE	INVOICE #
11/22/2008	15220

BILL TO
Vess Oil Corporation 1700 Waterfront Parkway Building 500 Wichita, KS 67206

NOV 26 2008

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#5	Mothes	Hodgeman	L.D. Drilling #1	Oil	Development	Cement Two-Sta...	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	7.00	280.00
579D	Pump Charge - Two-Stage - 4671 Feet				1	Job	1,900.00	1,900.00
221	Liquid KCL (Clayfix)				4	Gallon(s)	26.00	104.00T
281	Mud Flush				500	Gallon(s)	1.00	-500.00T
290	D-Air				4	Gallon(s)	35.00	140.00T
402-4	4 1/2" Centralizer				11	Each	85.00	935.00T
403-4	4 1/2" Cement Basket				3	Each	300.00	900.00T
405-4	4 1/2" Formation Packer Shoe				1	Each	1,475.00	1,475.00T
408-4	4 1/2" D.V. Tool & Plug Set				1	Each	2,700.00	2,700.00T
417-4	4 1/2" D.V. Latch Down Plug & Baffle				1	Each	200.00	200.00T
580	Additional Hours (If Circulate More Than 1 Hour)				2	Hours	250.00	500.00T
325	Standard Cement				200	Sacks	13.00	2,600.00T
330	Swift Multi-Density Standard (MIDCON II)				275	Sacks	16.00	4,400.00T
276	Flocele				125	Lb(s)	1.50	187.50T
283	Salt				1,000	Lb(s)	0.20	200.00T
284	Calseal				9	Sack(s)	30.00	270.00T
285	CFR-1				100	Lb(s)	4.50	450.00T
581D	Service Charge Cement				475	Sacks	1.90	902.50
583D	Drayage				956	Ton Miles	1.75	1,673.00
	Subtotal							20,317.00
	Sales Tax Hodgeman County						6.45%	1,003.72

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**We Appreciate Your Business!**

**Total**

\$21,320.72



CHARGE TO: *Vess Oil Co.*  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

TICKET No. 15220  
 PAGE 1 OF 2

SERVICE LOCATIONS  
 1. *Hays, Ks.*  
 2. *Ness City, Ks.*  
 3.  
 4.

WELL/PROJECT NO. *#5* LEASE *Mothes* COUNTY/PARISH *Hodgeman* STATE *Ks* CITY DATE *11-22-08* OWNER *Same*

TICKET TYPE  SERVICE  SALES CONTRACTOR *L.P. Drlg #1* RIG NAME/NO. SHIPPED VIA *CTT* DELIVERED TO *Location* ORDER NO.

WELL TYPE *oil* WELL CATEGORY *Development* JOB PURPOSE *2-stage Cement Logging* WELL PERMIT NO. WELL LOCATION

REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575		1			MILEAGE <i>#111</i>	40	mi	7	00	280 00
579		1			Pump Charge (2-stage)	1	ea	1900	00	1900 00
221		1			Liquid KCH	4	gal	26	00	104 00
281		1			Mud Flush	500	gal	1	00	500 00
290		1			D-Air	4	gal	35	00	140 00
402		1			Centralizers	11	ea	85	00	935 00
403		1			Baskets	3	ea	300	00	900 00
405		1			Formation Packer Shoe	1	ea	1475	00	1475 00
408		1			D.V. Tool	1	ea	2700	00	2700 00
417		1			<del>D.V.</del> D.V.L.D. Plug & Baffle	1	ea	200	00	200 00
580		1			Additional Hrs	2	hrs	250	00	500 00

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED *11-23-08* TIME SIGNED *0935*  A.M.  P.M.

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1	9634 00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	10683 00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Subtotal	20317 00
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Hodgeman TAX @ 4.5%	1003 72
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL	21,320 72

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR *Nick Korke* APPROVAL *Benny Boats*

Thank You!



PO Box 466  
Ness City, KS 67560  
Off: 785-798-2300

### TICKET CONTINUATION

TICKET No. 15220

CUSTOMER *Vess Oil Co* WELL # *5 Mothes* DATE *11-22-08* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UNIT	PRICE	AMOUNT	
		LOC	ACCT	DEF			QTY.	UM			PRICE	AMOUNT
325		2				Standard Cement	200	shs	13.00	2600	00	
330		2				SMD Cement	375	shs	16.00	4400	00	
276		2				Flocclo	125	#	1.50	187	50	
283		2				Salt	1000	#	.20	200	00	
284		2				Calseal	9	shs	30.00	270	00	
285		2				CFR-1	100	bd	4.50	450	00	
581						SERVICE CHARGE	475	shs	1.90	902	50	
583						MILEAGE CHARGE	47809	TOTAL WEIGHT	40	LOADED MILES	956	
										1.70	1673	00

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CONTINUATION TOTAL 10685.00

JOB LOG

SWIFT Services, Inc.

DATE 1-22-08 PAGE NO. 1

CUSTOMER *Vess Oil Co.* WELL NO. *#5* LEASE *Mothes* JOB TYPE *2-stage* TICKET NO. *15220*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2230							on loc w/ FE
								RTD 4671' set 4 1/2" @ 4651'
								4 1/2" x 10.5" x 46 x 42'
								Cent. 1, 3, 5, 7, 10, 13, 65, 67, 69, 71, 90
								Basket 5, 67, 90
	<del>0045</del>							DV Tool 68 @ <del>1771</del> 1771'
	0045							start FE
	0305							Break Circ
	0330							Drop ball try to set Pky Shoe
								want set, Will not Pressure up
	0425	7.5	18			500		Try to set w/ Pump Trk still won't set, run 4 1/2" to bottom pickup 1' cement on bottom
	0525	4.5	0			250		start Preflushes <sup>500 gal Mud flush</sup> 20 bbl KCL flush
	0545	5.5	32/0			300		start Cement 200 sks EA 2
	0553		48					End Cement
								Wash Pk
								Drop Hatch Down Plug
	<del>0606</del>	6.5	0			250		start Displacement
	0607	5	48			350		Mud/catch cement
	0611					700/1200		Land Plug
								Rel. Press. Dry
	0615							Drop Opening Plug
	0630					1300		Open DV
	0830	2	6					Circ. 2 hrs Plug RH
	0840	4.5	0			250		start KCL flush
	0845	6.5	20/0			300		start Cement
	0907		144					End Cement
								Drop Closing Plug
	0913	6.5	0			250		start Displacement
	0914	4	5			300		Circ Cement
	0920		28			400		Land Plug
						1500		Close DV
								Rel Pers Closed

circ 50 sks cent top pit  
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 WICHITA, KS

Thank you  
 -Nick, Josh F. & Scott

# ALLIED CEMENTING CO., INC.

28935

SHIP TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Ness City KS

DATE 11-15-08	SEC. 2	TWP. 22S	RANGE 24W	CALLED OUT 1230 AM	ON LOCATION 9:30 AM	JOB START 800	JOB FINISH 830 AM
LEASE moines	WELL# 5	LOCATION Jetmore 5 North 2 west			COUNTY Hodgeman	STATE KS	
OLD OR <input checked="" type="radio"/> NEW (Circle one)	34 North East into						

CONTRACTOR L-O Davis Rig 1	OWNER VESS oil
TYPE OF JOB Surface	CEMENT
HOLE SIZE 12 1/4	T.D. 437
CASING SIZE 8 5/8	DEPTH 437
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. 15	
PERFS.	
DISPLACEMENT 26 1/2 B Bhs Displacement	

EQUIPMENT	
PUMP TRUCK CEMENTER Wayne-D	
# 181 HELPER Alvin-R	
BULK TRUCK	
# 482 DRIVER Jeff-W	
BULK TRUCK	
# DRIVER	
COMMON 300 yd @ 13.65	4095.00
POZMIX @	
GEL 6 yd @ 20.40	122.40
CHLORIDE 9 yd @ 57.15	514.35
ASC @	
HANDLING 315 yd @ 2.25	708.75
MILEAGE 315 yd @ 2.3	724.50
TOTAL	6165.00

REMARKS:  
Pipe on bottom Break circulation  
Mix 300 yd common 3% 2%  
shut down Release plug Displace  
with 26 1/2 B Bhs Fresh water.  
Cement did circulate wash up  
Rig down

SERVICE	
DEPTH OF JOB 437	
PUMP TRUCK CHARGE	999.00
EXTRA FOOTAGE 137' @ .80	109.60
MILEAGE 23 @ 7.00	161.00
MANIFOLD @	
HEAD RENT @ 116.00	116.00
TOTAL	1380.60

CHARGE TO: VESS oil  
STREET  
CITY STATE ZIP

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KANSAS CORPORATION TAX DEPARTMENT  
TOTAL 1380.60

JAN 09 2009

### PLUG & FLOAT EQUIPMENT CONSERVATION DIVISION WICHITA, KS

Double cup plug @ 67.00	67.00
TOTAL	67.00

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To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX  
TOTAL CHARGE  
DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Bill Owen

Bill Owen  
PRINTED NAME