

CONFIDENTIAL

ORIGINAL

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

Form ACO-1
September 1999
Form Must Be Typed

10/15/09

Operator: License # 5030
 Name: Vess Oil Corporation
 Address: 1700 Waterfront Parkway, Bldg. 500
 City/State/Zip: Wichita, KS 67206
 Purchaser: _____
 Operator Contact Person: W.R. Horigan
 Phone: (316) 682-1537 X103 **CONFIDENTIAL**
 Contractor: Name: L. D. Drilling, Inc. **OCT 1, 2008**
 License: 6039
 Wellsite Geologist: Roger Martin **KCC**
 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. _____
 8/02/08 8/09/08 9/14/08 9/13/08
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date _____ Recompletion Date

API No. 15 - 179-21201-00-00
 County: Sheridan
 S/2 NW NW SW Sec. 34 Twp. 8 S. R. 26 East West
2100 feet from S N (circle one) Line of Section
330 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Studley South Unit (Boone) Well #: 4-4
 Field Name: Studley South
 Producing Formation: LKC
 Elevation: Ground: 2580 Kelly Bushing: 2585
 Total Depth: 4050 Plug Back Total Depth: 4003
 Amount of Surface Pipe Set and Cemented at 221 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 2226 Feet
 If Alternate II completion, cement circulated from 2226
 feet depth to surface w/ 375 sx cmt.

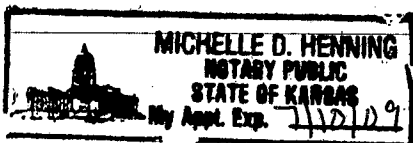
Drilling Fluid Management Plan ATL WJ1-23-09
 (Data must be collected from the Reserve Pit)
 Chloride content 1300 ppm Fluid volume 400 bbls
 Dewatering method used evaporation
 Location of fluid disposal if hauled offsite:
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

*Per Section 10/20/08
w/ papers on
ED
m*

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: [Signature]
 Title: Operations Engineer Date: 10/13/08
 Subscribed and sworn to before me this 13th day of October
20 08
 Notary Public: [Signature]
 Date Commission Expires: _____



KCC Office Use ONLY

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

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OCT 16 2008

Operator Name: Vess Oil Corporation Lease Name: Studley South Unit (Boone) Well #: 4-4
 Sec. 34 Twp. 8 S. R. 26 East West County: Sheridan

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction, Dual Compensated Porosity and Micro Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> 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"	24	221	common	150	2% gel, 3% cc
production	7-7/8	5-1/2"	15.5	4046	ASC	150	

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	3769-72	250/1000 15% HCL	
4	3784-91	500/1000 15% HCL	
4	3863-68	1000 15% HCL	
4	3904-06	250/1000 15 % HCL	

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 WICHITA, KS

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-3/8	3996			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
9/3/08			<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	
	89	0	11			

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease
 Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.)
 Other (Specify) _____

ATTACHMENT TO ACO-1

Studley South Unit (Boone) #4-4
S/2 NW NW SW
Sec. 34-8S-26W
 Sheridan County, Kansas

	<u>SAMPLE TOPS</u>		<u>LOG TOPS</u>	
ANHYDRITE	2200	+385	2198	+387
ANHYDRITE BASE	2234	+351	2230	+355
Topeka	3496	-911	3493	-908
Heebner	3704	-1119	3700	-1115
Lansing	3735	-1150	3731	-1146
Stark	3915	-1330	3913	-1328
B/KC	3960	-1375	3957	-1372
RTD	4050	-1465		

DST #1 3753-3849 Zone: Upper Lansing
Times: 30-45-45-60
1st open: Weak 1/2" blow increasing to 4"
2nd open: Weak surface blow increasing to 2-1/4"
Rec.: 1' clean oil – 35.4 gravity @ 60 deg.
28' SLTOCM (3% oil, 97% mud)
62' G&OCWM (4% as, 8% oil, 22% wtr, 66% mud)
91' Total Fluid

IHP: 1823 FHP: 1828
IFP: 8 - 27 FFP: 29 - 47
ISIP: 771 FSIP: 755 TEMP: 120

DST #2 3847-3965 Zone: LKC – H – L zones
Times: 30-45-45-60
1st open: Fair 1" blow inc to BB – 7 min
2nd open: Weak 1/2 blwo inc to BB – 9.5 min
Rec.: 900' GIP; 124' CO – 38.4 grav; 155' HGCMO (6% gas, 31% mud,
63% oil); 124' HGCOM (3% gas, 32% oil, 65% mud) 403' Total
Fluid

IHP: 1894 FHP: 1893
IFP: 20 - 99 FFP: 104 - 162
ISIP: 298 FSIP: 308 TEMP: 122 F

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OCT 16 2008

CONSERVATION DIVISION
 WICHITA, KS

ALLIED CEMENTING CO., LLC. 31784

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

SERVICE POINT:

Oakley

DATE <i>8-3-08</i>	SEC. <i>34</i>	TWP. <i>8s</i>	RANGE <i>26 W</i>	CALLED OUT	ON LOCATION <i>4:30 AM</i>	JOB START <i>4:30 AM</i>	JOB FINISH <i>5:00 AM</i>
LEASE UNIT BOOK # <i>Studley south</i>		WELL # <i>4-4</i>	LOCATION <i>Studley 1/2 W 2S</i>		COUNTY <i>Sheridan</i>	STATE <i>KS</i>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<i>1W 7/10S 1W 1/2S SE INTO</i>				

CONTRACTOR *L-D Drilling*

TYPE OF JOB *surface*

HOLE SIZE *12 1/4"* T.D. *224'*

CASING SIZE *8 5/8"* DEPTH *224'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15'*

PERFS.

DISPLACEMENT *13.31 BBL*

OWNER *same*

CEMENT AMOUNT ORDERED *150 SKS COM*

3% CC 2% GEL

COMMON	<i>150 SKS</i>	@	<i>15.45</i>	<i>2317.50</i>
POZMIX		@		
GEL	<i>3 SKS</i>	@	<i>20.80</i>	<i>62.40</i>
CHLORIDE	<i>5 SKS</i>	@	<i>58.20</i>	<i>291.00</i>
ASC		@		

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OCT 16 2008

CONSERVATION DIVISION
WICHITA, KS

HANDLING	<i>158 SKS</i>	@	<i>2.40</i>	<i>379.20</i>
MILEAGE	<i>109 SK/mile</i>			<i>948.00</i>

TOTAL *3998.10*

REMARKS:

Cement did circulate

SERVICE

DEPTH OF JOB	<i>224'</i>		
PUMP TRUCK CHARGE			<i>1018.00</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>60 miles</i>	@	<i>7.00</i> <i>420.00</i>
MANIFOLD	<i>head rental</i>	@	<i>113.00</i>

TOTAL *1551.00*

CHARGE TO: *Vess*

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

8 5/8"

<i>1 surface plug</i>	@	<i>68.00</i>
	@	
	@	
	@	
	@	

TOTAL *68.00*

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME *David L. Bess*

SIGNATURE

95228

ALLIED CEMENTING CO., LLC. 31758

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

SERVICE POINT:
OAKLEY

8-9-08 DATE	SEC. 34	TWP. 85	RANGE 26W	CALLED OUT	ON LOCATION 5:30 PM	JOB START 11:00 PM	JOB FINISH 12:00 AM
STUDLEY SOUTH LEASE UNIT B0002	WELL # 4-4		LOCATION Studley 1/2 W-25-1W-1/4 S-1W-1/2 S-E 30	COUNTY SHERIDAN	STATE KS		
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR L-D ORLG.

TYPE OF JOB Production STREN

HOLE SIZE 7 7/8" T.D.

CASING SIZE 5 1/2" DEPTH 4045.23

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL PORT COLLAR DEPTH 2226'

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 42.25'

CEMENT LEFT IN CSG. 42.25'

PERFS.

DISPLACEMENT 95.27 BBS

OWNER SAME

CEMENT

AMOUNT ORDERED

165 SKS ASC 10% SALT 2266L 1/2 # Flo-SEAL

500 GALS WFR-2

EQUIPMENT

PUMP TRUCK # 422 CEMENTER TERRY
HELPER WAYNE

BULK TRUCK # 377 DRIVER DARREN

BULK TRUCK # _____ DRIVER _____

COMMON	@		
POZMIX	@		
GEL <u>3 SKS</u>	@	<u>20.80</u>	<u>62.40</u>
CHLORIDE	@		
ASC <u>165 SKS</u>	@	<u>18.60</u>	<u>3069.00</u>
	@		
<u>SALT 16 SKS</u>	@	<u>23.95</u>	<u>383.20</u>
	@		
<u>Flo-SEAL 41#</u>	@	<u>2.50</u>	<u>102.50</u>
	@		
<u>WFR-2 500 GALS</u>	@	<u>1.27</u>	<u>635.00</u>
	@		
HANDLING <u>195 SKS</u>	@	<u>2.48</u>	<u>468.00</u>
MILEAGE <u>104 PER SK / mile</u>			<u>1170.00</u>
		TOTAL	<u>5890.10</u>

REMARKS:

MIX 500 GALS WFR-2, MIX 15 SKS CEMENT
IN RHT HOLE Hook on to 5 1/2" CASING
MIX 150 SKS ASC 10% SALT 2266L
1/2 # Flo-SEAL. WASH TRUCK & LINES
DISPLACE 95.27 BBS. Plug Landed
AT 1800 PSI Float doesn't hold
PRESSURED TO 1100 PSI. SHUT IN

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OCT 16 2008
CONSERVATION DIVISION
WICHITA, KS

THANK YOU

CHARGE TO: VESS OIL CORP.

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>4045.23'</u>		
PUMP TRUCK CHARGE		<u>2092.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>60 MI</u>	@	<u>7.00</u> <u>420.00</u>
MANIFOLD	@	
<u>Head Rental</u>	@	<u>113.00</u>
<u>Rotating Head</u>	@	<u>113.00</u>
		TOTAL <u>2738.00</u>

5 1/2" PLUG & FLOAT EQUIPMENT

<u>1- Guide shoe</u>		<u>192.00</u>
<u>1- AFU INSERT</u>	@	<u>293.00</u>
<u>3- CONTRACTORS</u>	@	<u>57.00</u> <u>456.00</u>
<u>2- BASKETS</u>	@	<u>196.00</u> <u>372.00</u>
<u>1- PORT COLLAR</u>	@	<u>196.00</u>
<u>1- RUBBER PLUG</u>	@	<u>74.00</u>
		TOTAL <u>3356.00</u>

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Roger Martin

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES \$11,269

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., INC.

32039

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

SERVICE POINT:
Oakley, KS

DATE <u>8-21-08</u>	SEC. <u>34</u>	TWP. <u>8S</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION <u>10:00am</u>	JOB START <u>10:30am</u>	JOB FINISH <u>11:30am</u>
LEASE <u>Studley S-Unit</u>		WELL# <u>Boone #4</u>	LOCATION <u>Studley 2S-1W</u>		COUNTY <u>Sheridan</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>3 + 4 + 5 in</u>				

CONTRACTOR Smoky Hills Well Service OWNER same

TYPE OF JOB Port Collar

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2 DEPTH _____

TUBING SIZE 2 3/8 DEPTH 2226'

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 8.68 BBLs

CEMENT
AMOUNT ORDERED 475 60140 690gal
114# Clo-seal
(used 375 lbs)

COMMON	<u>225</u>	@ <u>15.45</u>	<u>3476.25</u>
POZMIX	<u>150</u>	@ <u>8.00</u>	<u>1200.00</u>
GEL	<u>19</u>	@ <u>20.80</u>	<u>395.20</u>
CHLORIDE		@ 20.00	380.00
ASC		@	

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy

431 HELPER Kelly

BULK TRUCK

394 DRIVER Darrin

BULK TRUCK

_____ DRIVER _____

Plb-seal 94# @ 2.50 235.00

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WICHITA, KS

HANDLING 505 @ 2.40 1212.00

MILEAGE 110 x 24 mile 3030.00

TOTAL 9548.45

REMARKS:

Press tool to 1000# open tool
establish circulation. mix 375 lbs
60140 690gal 114# Clo-seal Displace
8 BBLs. Run 53ts reverse 4ts
clean. Job complete @ 11:30am
cement did circulate

Thanks Fuzzy & crew

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE 1185.00

EXTRA FOOTAGE @ _____

MILEAGE 60 @ 7.00 420.00

MANIFOLD @ _____

TOTAL 1605.00

CHARGE TO: Uess Oil Corp

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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 [Signature]

PRINTED NAME _____