

ORIGINAL

SIDE ONE

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

Operator: License # 5030

Name: Vess Oil Corporation

Address 8100 E. 22nd St. North
Building 300

City/State/Zip Wichita, KS 67226

Purchaser: _____

Operator Contact Person: Bill Horigan

Phone (316) 682-1537

Contractor: Name: 5929

License: Duke Drilling

Wellsite Geologist: Kim Shoemaker

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

5-2-90 5-10-90 5-10-90

Spud Date Date Reached TD Completion Date

API NO. 15- 135-23,457-0000

County Ness

SW NW SE Sec. 7 Twp. 20 Rge. 23 East West

1650 Ft. North from Southeast Corner of Section

2310 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

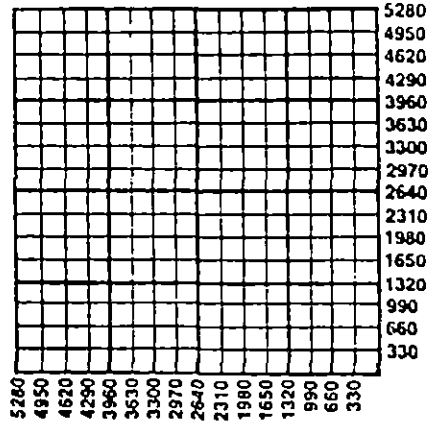
Lease Name Stecklein Well # 1

Field Name Petersilie NE

Producing Formation Mississippi

Elevation: Ground 2320' KB 2329'

Total Depth 4433' PBDT _____



Amount of Surface Pipe Set and Cemented at 779' 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.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 William R. Horigan

Title Operations Manager Date 7-2-90

Subscribed and sworn to before me this 2nd day of JULY, 1990.

Notary Public Paula K. Driskell

Date Commission Expires 6-27-1994

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other

(Specify)

PAULA K. DRISKELL
State of Kansas
My Appl. Exp. 6-27-1994

PL

ORIGINAL

SIDE TWO

Operator Name Vess Oil Corporation Lease Name Stecklein Well # 1

Sec. 7 Twp. 20 Rge. 23 East West County Ness

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 Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

(SEE ATTACHED)

Formation Description

Log Sample

Name _____ Top _____ Bottom _____

(SEE ATTACHED)

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	# Sacks Used	Type and Percent Additives
Surface	12 3/4"	8-5/8"	32#	779'	60/40 poz	275	2%gel, 3%cc
Production	7-7/8"	5 1/2"	15.5#	4423'	60/40 poz	75 (2%gel, 18%salt, 1/2%CFR3)	2%gel, 18%salt
					60/40 poz	90	1/2%CFR3, 5#Gilsomite

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4423-4433	1250 gal. 20% DSFE Acid	4423-4433

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>4413'</u>	Packer At _____	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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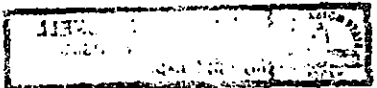
Date of First Production <u>5-24-90</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil <u>16</u> Bbls.	Gas <u>0</u> Mcf	Water <u>80</u> Bbls.	Gas-Oil Ratio <u>NA</u>	Gravity <u>35.8°</u>
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____



STECKLEIN #1 (attachment)
 SW NW SE
 7-20-23W
 Ness County, Kansas

DST #1 4296-4350 ZONE Ft. Scott
Times 20 x 20
Blow Wk surface blow
REC 20' mud/oil spect
IFP 20-24
ISIP 936

ORIGINAL

DST#2 4422-4428 ZONE Mississippi
TIMES 30-45-45-60
BLOW 3½" blow 2nd- ½" blow
REC 130' cgo, 70' vhgocm(10% G, 40% O, 50% M)
IFP 52-56 FFP 92-93
ISIP 781 FSIP 608

DST#3 4424-4433
TIMES 30-45-45-60
BLOW 1st open-off bottom in 15 min.
 2nd open-off bottom in 23 min.
REC 300' gip, 250' cgo, 120' smcgo
IFP 38-44 FFP 112-130
ISIP 1150 FSIP 1096

SAMPLE TOPS

Anhydrite top	1576(+752)
Anhydrite base	1613(-715)
Heebner	3764(-1436)
LKC	3810(-1482)
BKC	4132(-1804)
Ft. Scott	4318(-1990)
Cherokee	4342(-2014)
Mississippi	4422(-2094)

RECEIVED
 STATE COMMISSION

JUL - 9 1990

CONSERVATION DIVISION
 Wichita, Kansas

Phone 913-481-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

15.135.23457-0000

ALLIED CEMENTING CO., INC. N. 8118

Home Office P.O. Box 31 Russell, Kansas 67665

New

Date: 5-10-90 Sec: 7 Twp: 20 Range: 23 Called Out: 5:00 AM On Location: 7:15 AM Job Start: 2:00 PM Finish: 2:30 PM

Lease: Stecklein Well No. 1 Location: Ness City 9s, 12w County: Ness State: Ks

Contractor: Duke Drilling Co.

Type Job: Surface

Hole Size: 12 1/4" T.D.: 780'

Csg. Size: 8 5/8" Depth: 779'

Tbg. Size: 6" Depth: 779'

Drill Pipe: 6" Depth: 779'

Tool: 6" Depth: 779'

Cement Left in Csg.: 20' Shoe Joint

Press Max.: 35 Minimum

Meas Line: No Yes Displace: 277.3

Perf. OK

EQUIPMENT

No.	Cementer
Pumptrk # <u>158</u>	Helper
Pumptrk # <u>69</u>	Driver <u>Johnny</u>
Bulktrk # <u>69</u>	Driver

DEPTH of Job

Reference: Pumptrk 360.00

Mileage: 10.00

8 5/8" Twp: 40.00

Sub Total: 440.00

Footage: 460' Tax

Total: 589.00

Remarks: Cement did circulate

To: Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish vibrator, cementer, and helper to assist owner or contractor to do work as listed.

Charge To: Vess Oil Corp.

Street: 400 N. Woodlawn Suite: 101

City: Wichita State: Ks 67208

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. 1000

Amount Ordered: 275.50 / 40 poz; 2% gel 3% CC

Consisting of:

Common: 165 500.00 = 825.00

Poz. Mix: 110 2.25 = 247.50

Chloride: 8 160.00 = 160.00

Quickset

Handling: 247.50

Mileage: 10.00

Sub Total: 1440.00

Tax

Total: 1589.00

RECEIVED

JUL - 9 1990

CONSERVATION DIVISION
 Wichita, Kansas

Thank you.

JOB LOG

15.135.23457.0000

WELL NO. 1 LEASE Stecklein TICKET NO. 908341

CUSTOMER Vess Oil Corp. PAGE NO. 1

FORM 2013 R-2

JOB TYPE Cust. prod. csng. DATE 5-10-90

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								Casted @ 0230 - Ready @ 0600
	0530							On location - Rig laying down D.P.
	0730							Set up Hawco-equip.
	0855							Start 5 1/2" casing - Reg. guide shoe
	1040							Insert + mate S.H. cent. on collars 1, 3, 5, 7, 9. Drop ball 10 SKS. off bottom
	1045							Fin running csng - Hook up Hoop.
								Ball Thru @ 700' - Start air hole
								Tag bottom 8' deeper than Rotary T.D.
								Tool Pusher went after another landing jt.
	1245							Hook up landing jt. on tag bottom on air.
								Fin air csng.
								Hook up to Hawco-equip.
	1247	5	20				250	Pump Salt flush
			2				250	Pump 2 BBI H ₂ O
			12					Pump 12 BBI Super flush
			2					Pump 2 BBI H ₂ O
	1300	5 1/2					250	Start mixing 75 SKS ^{60/100} Poz, 2% gel,
			17 1/2				150	18% salt, 1/2% CFR-3
		5					100	Start mixing 90 SKS 60/140 Poz, 2% gel,
			22 3/4				110	18% salt, 1/2% CFR-3, 5 1/2 SK gelsolite
	1307		<u>70 total cut</u>				100	Fin mixing cont. Wash pump lines
								Release 5 w Top Plug.
	1310	6					100	Start Displ.
	1319	7	100				150	Incr. rate
	1321		75				350	Caught press
			100				750	Stop Displ. - wait on wtr.
		2					650 700 700	Cont. Displ. to land plug.
	1330		104 1/2				1400	Plug land - csng hold press.
	1336						0	Release psi - Insert float hold.
	1400							Job complete
								Wash up & Pack up.

RECEIVED
 STATE OF Kansas
 JUL - 9 1990
 D. Lowman 71712
 B. Crosswhite 89543
 R. Berens 57290

CONSERVATION # 3580 - P
 Wichita, KS 67205
 # 51252 - P

CUSTOMER

JOB SUMMARY

DIVISION Wichita, Ks.
 HALLIBURTON LOCATION Nass City, Ks.

15-135-23457-0000

BILLED ON TICKET NO. 908341

WELL DATA

FIELD _____ SEC. 7 TWP. 20 RING. 23 COUNTY Nass STATE Ks.

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH 4433'

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	u	15.5	5 1/2	KP	4433'	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-10</u>	DATE <u>5-10</u>	DATE <u>5-10</u>	DATE <u>5-10</u>
TIME <u>0230</u>	TIME <u>0530</u>	TIME <u>0855</u>	TIME _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>Insert float valve</u>	<u>1</u>	<u>Howco</u>
FLOAT SHOE <u>Fill-up</u>	<u>1</u>	
GUIDE SHOE <u>Reg</u>	<u>1</u>	
CENTRALIZERS <u>5-1</u>	<u>5</u>	
BOTTOM FLUG		
TOP FLUG <u>5 W</u>	<u>1</u>	
HEAD <u>5 1/2</u>	<u>1</u>	
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D. Lemman</u>	<u>5580</u>	
<u>B. Crosswhite</u>	<u>Combo</u>	<u>Nass City, Ks.</u>
<u>R. Borens</u>	<u>51252</u>	
	<u>B-Trk</u>	<u>Hays, Ks.</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API _____

DISPL. FLUID _____ DENSITY _____ LB/GAL. API _____

PROP. TYPE _____ SIZE _____ LD. _____

PROP. TYPE _____ SIZE _____ LB. _____

ACID TYPE _____ GAL. _____

ACID TYPE _____ GAL. _____

ACID TYPE _____ GAL. _____

SURFACTANT TYPE _____ GAL. _____ IN _____

NE AGENT TYPE _____ GAL. _____ IN _____

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN _____

GELLING AGENT TYPE _____ GAL.-LB. _____ IN _____

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN _____

BREAKER TYPE _____ GAL.-LB. _____ IN _____

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFFAC BALLS TYPE _____ QTY. _____

OTHER _____

DEPARTMENT Cement

DESCRIPTION OF JOB Cement prod casing as directed

JOB DONE THRU: TUBING CASING ANNULUS TDC/ANN.

CUSTOMER REPRESENTATIVE Joy D. Schneider

HALLIBURTON OPERATOR Don Lemman COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK BACKED	ADDITIVES	YIELD CU.FT./BK.	MIXED LBS./GAL.
	<u>75</u>	<u>60/40</u>	<u>A</u>	<u>Poz</u>	<u>B.</u>	<u>2% gel, 18% salt, 1/2% CR3</u>	<u>1.31</u>	<u>14.71</u>
	<u>90</u>	<u>60/40</u>	<u>A</u>	<u>Poz</u>	<u>B.</u>	<u>2% gel, 18% salt, 1/2% CR3, 5 1/2% Gilsoco</u>	<u>1.12</u>	<u>14.29</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESFLUSH: BDL-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BDL-GAL. _____ PAD: BDL-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BDL-GAL. _____ DISPL. BDL-GAL. 10 1/2

SHUT-IN INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BDL-GAL. 17 1/2 + 22 3/4

ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BDL-GAL. _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

REMARKS See Job Log & Chart

CONSERVATION DIVISION Wichita, Kansas

FEET 10' REASON Shoe Joint

CUSTOMER Nass Oil Corp.
 LEASE Shelton
 WELL NO. 5-10-90
 JOB TYPE Prod. Casing