

MUST BE TYPED

2933

SIDE ONE

3-27-12W

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

COPY

APPL. NO. 15- 151-22,054

County Pratt

110' W of N/2-N/2-SE Sec. 3 Twp. 27S Rge. 12 X W E

Operator: License # 5030

Name: Vess Oil Corporation

Address 8100 E. 22nd N, Bldg 300

City/State/Zip Wichita, KS 67226

Purchaser: _____

Operator Contact Person: W.R. Horigan

Phone (316) 682-1537

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

License: 6039

Wellsite Geologist: Kim Shoemaker

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: _____

Comp. Date _____ Old Total Depth _____

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

8-16-91 8-23-91 9/6/91
Spud Date Date Reached TD Completion Date

2310 Feet from S/N (circle one) Line of Section

1430 Feet from E/W (circle one) Line of Section

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

Lease Name Studer Well # 3-3

Field Name Stead South

Producing Formation Mississippi

Elevation: Ground 1876' KB 1881'

Total Depth 4311;' PBDT _____

Amount of Surface Pipe Set and Cemented at 260' 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 ATI
(Data must be collected from the Reserve Pit)

Chloride content 78,000 ppm Fluid volume 5000 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 WR Horigan
Title Operations Manager Date 12/16/91

Subscribed and sworn to before me this 17th day of December, 1991.

Notary Public Michelle D Henning

Date Commission Expires _____

MICHELLE D. HENNING
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 2/10/93

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
RECEIVED
STATE CORPORATION COMMISSION
KCC
KGS
DEC 18 1991
Distribution
SWD/Rep
Plug
NGPA
Other (Specify) TS

CONSERVATION DIVISION
WICHITA, KANSAS
Form ACO-1 (7-91)

149744

Operator Name Vess Oil Corporation Lease Name Studer Well # 3-3

Sec. 3 Twp. 27S Rge. 12
 East
 West

County Pratt

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.)

Log Formation (Top), Depth and Datums Sample
Name Top Datum

List All E.Logs Run:

See attached Driller's Well Log

Dual induction
Compensated Density
Compensated Neutron

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 1/4"	8 5/8"	28#	260'	60/40Poz	190	2%Gel, 3%CC
Production	7 7/8"	4 1/2"	10.5#	4306"	40/60Poz Standard	200sx 25sx	2%Gel, 10%Salt 5%Halad 322, 5# Gilsonite

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 JSPF	4160-4197	2000 gal acid and fracture w/160,000 lbs. sand and 2016 Bbl. fluid	4160-4197

TUBING RECORD Size 2-3/8 Set At 4197 Packer At None Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 9/6/91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	44-	67	60	1522	40.8

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
4160-4197

COPY

Attachement Sheet to ACO-1

Vess Oil Corporation Studer #3-3
 110'W N/2 N/2 SE Sec. 3-27S-12W
 Barber County, Kansas

DST #1 3948-4030 **ZN** LKC 180/200
 Times: 30-45-45-60
 Blow: BOB-GTS
 Rec.: 953,000-700,000 CFGPD-1st Fl.
 725,000-317,000 CFGPD-2nd Fl.
 550' MCO&W
 IFP: 266-222 FFP: 332-266
 ISIP: 1428 FSIP: 1385
 HP: 1923-1912 Temp: 114 degree

DST #2 3866-3936 **ZN** LKC 120/140/160 (Straddle)
 Times: 30-45-45-60
 Blow: BOB-GTS
 Rec: 863,000-908,000 CFGPD-1st Fl.
 725,000-693,000 CFGPD-2nd Fl.
 20' VSOCM
 240' MCO
 IFP: 255-255 FFP: 224-233
 ISIP: 1385 FSIP: 1346
 HP: 1892-1879 Temp 116 degree

DST #3 4126-4219 **ZN** Miss.Chert
 Times: 30-45-45-60
 Blow: BOB-50 sec. - 1st open
 BOB-Immediately-2nd open
 Rec: 3015' GIP
 85' DMWOS
 IFP: 119-86 FFP: 119-98
 ISIP: 788 FSIP: 916
 HP: 2032 Temp 96 degree

RECEIVED
 STATE CORPORATION COMMISSION

DEC 18 1001

CONSERVATION DIVISION
 WICHITA, KANSAS

COPY 4

3-27-12W

DRILLER'S WELL LOG

COMMENCED: 8-16-91
COMPLETED: 8-23-91

VESS OIL CORPORATION
STUDER #3-3
110' W of N/2 N/2 SE/4
Sec. 3-27S-12W
Pratt County, Ks.

0 - 70 Surface Soil
70-- 180 Sand
180--1275 Red Bed
1275--1820 Red Bed & Shale
1820--2340 Shale
2340--3072 Shale & Lime
3072--3525 Lime & Shale
3525--3730 Shale & Lime
3730--3905 Lime & Shale
3905--4050 Lime
4050--4155 Shale & Lime
4155--4219 Lime & Chert
4219--4311 Shale & Lime
4311 RTD

ELEVATION: 1876 GL 1881 KB

FORMATION DATA:

Heebner 3511 (-1630)
Brown Lime 3691 (-1810)
Lansing 3708 (-1827)
BKC 4056 (-2175)
Miss 4155 (-2274)
B/Miss 4210 (-2329)
Chert

CASING RECORD:

8 5/8" set @ 260' W/190 sx. 60/40
pozmix, 2% Gel, 3% CC

4 1/2" Production csg. set @ 4306'
225 sx. 40/60 Pozmix

A F F I D A V I T

STATE OF KANSAS)
COUNTY OF BARTON)^{ss}

GREG DAVIDSON of lawful age, does swear and state that the facts and
statements herein are true and correct to the best of his knowledge.

Greg Davidson
Greg Davidson

Subscribed and sworn to before me this 26th day of August 1991.

My Commission expires: 5-20-93

Bessie M. DeWerff
Notary Public: Bessie M. DeWerff

RECEIVED
STATE CORPORATION COMMISSION
AUG 27 1991
CONSERVATION DIVISION
WICHITA, KANSAS

