

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

ORIGINAL

Operator: License # 5030Name: Vess Oil CorporationAddress 8100 E. 22nd N, Bldg 300City/State/Zip Wichita, KS 67226

Purchaser: _____

Operator Contact Person: W.R. HoriganPhone (316) 682-1537Contractor: Name: L. D. Drilling, Inc.License: 6039Wellsite 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 ☐ PBTD
☐ 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

API NO. 15- 151-22,054 -00-00County Pratt110' W of N/2 N/2-SE Sec. 3 Twp. 27S Rge. 12 ☒ E ☐ W2310 Feet from S/N (circle one) Line of Section1430 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Studer Well # 3-3Field Name Stead SouthProducing Formation MississippiElevation: Ground 1876' KB 1881'Total Depth 4311; PBTD _____Amount of Surface Pipe Set and Cemented at 260' FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cat.

Drilling Fluid Management Plan 1/12
(Data must be collected from the Reserve Pit)Chloride content 78,000 ppm Fluid volume 5000 bblsDewatering 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 W.R. HoriganTitle Operations Manager Date 12/16/91Subscribed and sworn to before me this 17th day of December 19 91.Notary Public Michelle D. Henning

Date Commission Expires _____



K.C.C. OFFICE USE ONLY			
F	Letter of Confidentiality Attached		
RECEIVED	Log Received <input checked="" type="checkbox"/>		
STATE CORPORATION COMMISSION	Report Received <input checked="" type="checkbox"/>		
DEC 17 1991	Distribution		
KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA	
KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other	
(Specify)			
CONSERVATION DIVISION WICHITA, KANSAS			

Operator Name Vess Oil CorporationLease Name StuderWell # 3-3☐ EastCounty PrattSec. 3 Twp. 27S Rge. 12☒ 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.)☒ Yes ☐ No☐ Log Formation (Top), Depth and Datums ☐ Sample

Samples Sent to Geological Survey

☒ Yes ☐ No

Name

Top

Datum

Cores Taken

☐ Yes ☒ NoElectric Log Run
(Submit Copy.)☒ Yes ☐ No

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	200sx	2%Gel, 10%Salt
					Standard	25sx	5%Halad 322, 5# Gilsonite

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

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8	4197	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
9/6/91	<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
	44	67	60	1522	40.8

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

4160-4197

ORIGINAL

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 1991

CONSERVATION DIVISION
WICHITA, KANSAS

ORIGINAL

DRILLER'S WELL LOG

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

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

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

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}

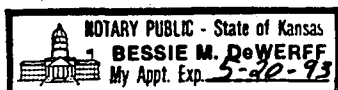
GREG DAVIDSON of lawful age, does swear and state that the facts and
statements herein are true and correct to the best of his knowledge.

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
JUL 28 1991
CONSERVATION DIVISION
WICHITA, KANSAS

TICKET
NO. 173629-5

 A Division of Halliburton Company

ORIGINAL

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME 3-3 SINDER		COUNTY PRATT	STATE KS	CITY / OFFSHORE LOCATION	DATE 6-23-74
CHARGE TO MESS OIL CORP		OWNER SAME	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR L D DAVIS DRUG	LOCATION 1 PRATT KS		CODE 25555
CITY, STATE, ZIP		SHIPPED VIA 50120	FREIGHT CHARGES <input type="checkbox"/> FPD <input type="checkbox"/> COLLECT		LOCATION 2 GT. BEND KS
WELL TYPE OIL OIL	WELL CATEGORY OIL DEVELOPMENT	WELL PERMIT NO. B-778231	DELIVERED TO LOCATION		CODE 25520
TYPE AND PURPOSE OF JOB 4 1/2" LINE STRING		ORDER NO.	REFERRAL LOCATION		

As consideration, the above-named Customer agrees to pay Halliburton in accordance with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Any customer default in payment of an invoice by the first day of the month following the month in which the invoice is dated, shall constitute a default at the highest legal contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer shall be responsible to pay all collection costs and attorney's fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

[illegible]

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B- 778231

2645 47

WAS JOB SATISFACTORILY COMPLETED?

WAS OPERATION OF EQUIPMENT SATISFACTORY?

WAS PERFORMANCE OF PERSONNEL SATISFACTORY?

WED 04/10/50
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X _____
CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

John Woodrow
HALLIBURTON OPERATOR

**HALLIBURTON
APPROVAL**

CUSTOMER

**SUB
TOTAL**

APPLICABLE TAXES WILL
BE ADDED ON INVOICE.