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

ORIGINAL

Operator: License # 5030
Name: VESS OIL CORPORATION
Address: 8100 E. 22nd Street N., Bldg. 300
City/State/Zip: Wichita, KS 67226
Purchaser: Seminole Transportation & Gathering
Operator Contact Person: W.R. Horigan
Phone: (316) 682-1537
Contractor: Name: Summit Drilling Co., Inc.
License: 30141
Wellsite Geologist: Paul Ramondetta

Designate Type of Completion:
XX New Well ___ Re-Entry ___ Workover
XX 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.

10/24/00 Spud Date or Recompletion Date
10/30/00 Date Reached TD
11/16/00 Completion Date or Recompletion Date

RECEIVED
STATE CORPORATION COMMISSION
DEC 11 2000
CONSERVATION DIVISION
Wichita, Kansas

API No. 15 - 015-23574-0000
County: Butler
App. S/2 S/2 NE Sec. 17 Twp. 28 S. R. 04X East West
~~2295~~ 2310' feet from S / (N) (circle one) Line of Section
~~1450~~ 1450' feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Varner A Well #: 43
Field Name: Augusta
Producing Formation: Arbuckle
Elevation: Ground: 1245 Kelly Bushing: 1255
Total Depth: 2403.5 Plug Back Total Depth: 2403.5
Amount of Surface Pipe Set and Cemented at 274 Feet
Multiple Stage Cementing Collar Used? ☐ Yes XX No
If yes, show depth set ___ Feet
If Alternate II completion, cement circulated from ___
feet depth to ___ w/ ___ sx cmt.

Drilling Fluid Management Plan ALT-#1 7/18/07
(Data must be collected from the Reserve Pit)
Chloride content 1700 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: W R Horigan
Title: Vice President-Operations Date:
Subscribed and sworn to before me this 6th day of December, 2000
Notary Public: Michelle D. Henning
Date Commission Expires:

MICHELLE D. HENNING
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 7/18/01

KCC Office Use ONLY
___ Letter of Confidentiality Attached
If Denied, Yes ☐ Date:
___ Wireline Log Received
___ Geologist Report Received
___ UIC Distribution

ORIGINAL

Side Two

Operator Name: Vess Oil Corporation Lease Name: Varner A Well #: 43

Sec. 17 Twp. 28S S. R. 04 XX East ☐ West County: Butler

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 (Attach Additional Sheets) XX Yes ☐ No

Samples Sent to Geological Survey XX Yes ☐ No

Cores Taken ☐ Yes XX No

Electric Log Run (Submit Copy) XX Yes ☐ No

List All E. Logs Run:

SEE ATTACHMENT SHEET

XX Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum

RECEIVED
STATE CORPORATION COMMISSION
DEC 1 1 2000
CONSERVATION DIVISION
Wichita, Kansas

CASING RECORD XXX 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	20	274	ClassA	175	3% cc
production	7-7/8	5-1/2	14	2401	Class A	100	6% gypseal
							10% salt, 1% gel, 3#/sk kolseal

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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
Open Hole	2401 to 2403.5	none	2401-2403.5

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8	2384	none	☐ Yes XX No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
11/23/00	☐ Flowing XX Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20	0	122		

Disposition of Gas: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION: XX Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify)

Production Interval: 2401-2403.5

ATTACHMENT TO ACO-1

ORIGINAL

Varner A #43
130'W and 15'N C
S/2 S/2 NE 17-28S-4E
Butler County, KS

	SAMPLE TOPS		LOG TOPS	
Oread	1380	-125	1380	-125
Heebner	1419	-164	1420	-165
Douglas Sand	1460	-205	1464	-209
Iatan	1639	-384	1639	-384
Lansing	1726	-471	1726	-471
KC	1985	-730	184	-729
B/KC	2189	-934	2190	-935
Hepler Sand	2226	-971	2229	-974
Altamont	2262	-1007	2263	-1008
Cherokee	2329	-1074	2330	-1075
Arbuckle	2400	-1145	NOT READ	
RTD	2402.5'			

SERVICE TICKET ORIGINAL 2352

UNITED CEMENTING & ACID CO., INC.

BOX 712 | EL DORADO, KANSAS 67042 | PHONE AC 316-321-4680

DATE 10-30-00 COUNTY Butler

CHG. TO: Vess Oil Corp ADDRESS

CITY STATE ZIP

LEASE & WELL NO. Vorner A SEC. 17 TWP. 28S RNG. 4E

CONTRACTOR Summit Drlg TIME ON LOCATION 10:45 A

KIND OF JOB Production Csg

SERVICE CHARGE: 2401 NW 770.00

QUANTITY	MATERIAL USED TYPE		
100 sx	Class A @ 5.70 sx	570.00	
6 sx	Gyp Seal (600#) @ 29.95 100#	179.70	
1 sx	Gel @ 9.50	9.50	
550 lbs	Salt x 1.44 x .0610	48.31	
300 lbs	Gilsonite @ 35¢ lb.	105.00	
500 Gals	Mud Flush @ 55¢ gal	275.00	
115 sx	BULK CHARGE @ 89¢	102.35	
22	BULK TRK. MILES 5.75 tons x .66 x 22 mi (Minimum)	85.00	
	PUMP TRK. MILES 2.00 mi. x 22 mi. (Oneway)	44.00	
2 Gals	K.C.L @ 18.50 gal.	37.00	
1	PLUGS 5 1/2 Top Rubber	51.00	
	SALES TAX	88.90	
	TOTAL	2,365.76	

T. D. 2402 CSG. SET AT 2401 VOLUME

SIZE HOLE 7 7/8 TBG SET AT VOLUME

MAX. PRESS. 1100 SIZE PIPE 5 1/2 New 15.5#

PLUG DEPTH 2367 PKER DEPTH

PLUG USED Top Rubber TIME FINISHED 4:00P

REMARKS: Ran 5 1/2 Csg to 2402' - Break Circulation pump Ball Through Set pipe @ 2401 + Circulate - Rig up to Cement pump - Pump 3 H2O - 20 KCL 3 H2O - 12 Mudflush - 3 Gal H2O Mix + Pump 100 sx Class A 6% Gyp seal, 10% Salt 17 Gal - 35 Gal. - Wash out Pump + Lines - Release Plug + Wireline - Start Displacement 5 BPM - Plug 1229' Cement @ Shoe 250# - Plug 1516' Start Lift PSI 300# - Plug 2267 Final Disp PSI 550# - Bump Plug to 1100# Top Plug @ 2367' - Release PSI AFU Held!

EQUIPMENT USED

NAME	UNIT NO.	NAME	UNIT NO.
Chet Johnson	14	Jim Thomas	7

Neal Rupp — CEMENTER OR TREATER

X — OWNER'S REP.

ORIGINAL 2904

SERVICE TICKET

UNITED CEMENTING & ACID CO., INC.

BOX 712 EL DORADO, KANSAS 67042 PHONE AC 316-321-4680

DATE 10-25-00 COUNTY Butler

CHG. TO: Vess oil ADDRESS

CITY STATE ZIP

LEASE & WELL NO. Varner #A-43 SEC. TWP. RNG.

CONTRACTOR TIME ON LOCATION

KIND OF JOB Surface Pipe

SERVICE CHARGE: Pump truck 450.00

MATERIAL USED

QUANTITY	TYPE	
175 SX	Cement Class-A-Cement @ 5.70	997.50 x
5	SX Chloride @ 26.00	130.00 x
1-8 5/8	Centralizer @ 41.00	41.00 x
180	BULK CHARGE Sal @ .89	160.20 x
20	BULK TRK. MILES (9 tons x .66 x 20 miles)	118.80 x
20	PUMP TRK. MILES One way @ 2.00 per mile	40.00 x
	PLUGS	
	SALES TAX	87.76
	TOTAL	2,025.26

T. D. 268 CSG. SET AT VOLUME

SIZE HOLE 12 1/4 TBG SET AT VOLUME

MAX. PRESS. SIZE PIPE 8 5/8

PLUG DEPTH PKER DEPTH

PLUG USED None TIME FINISHED

REMARKS: Circulate Cement From 268 To Surface

EQUIPMENT USED

NAME	UNIT NO.	NAME	UNIT NO.
Harold			
Jim			
Ron Pitts			

CEMENTER OR TREATER OWNER'S REP.