

FORM MUST BE TYPED

CONFIDENTIAL

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 # 06113

Name: LANDMARK ENERGY EXPLORATION, INC.
VESS OIL CORPORATION
Address 1861 N. ROCK ROAD, Suite 205

City/State/Zip Wichita, Kansas 67206Purchaser: naOperator Contact Person: Jeff WoodPhone (316) 683-8080Contractor: Name: L. D. DRILLING, INC.License: 6039Wellsite Geologist: Craig Caulk

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☒ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

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. _____

5-16-96 5-26-96 5-26-96
Spud Date Date Reached TD Completion Date

API NO. 15- 193-206490000County THOMAS- NW - SW - NE Sec. 4 Twp. 10 Rge. 32 XW1650 Feet from SW (circle one) Line of Section2310 Feet from EW (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
(NE) SE, NW or SW (circle one)Lease Name OHL SOUTHWEST Well # 1-4Field Name unnamedProducing Formation naElevation: Ground 3091' KB 3096'Total Depth 4720' PBTD _____Amount of Surface Pipe Set and Cemented at 314' 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 cmt.

Drilling Fluid Management Plan DRA 97 10-3-96
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: ACU**RELEASED****JUN 25**Operator Name JUL 31 1997Lease Name CONFIDENTIALFROM CONFIDENTIAL S Rng. E/W

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 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 Jeffrey R. WoodTitle President Date 6/25/96Subscribed and sworn to before me this 25th day of June, 19 96.Notary Public Laura B. EnglerDate Commission Expires January 23, 2000

K.C.C. OFFICE USE ONLY
F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☒ Geologist Report Received

Distribution
☒ KCC ☐ SWD/Rep ☐ MGA
☒ KGS ☐ Plug ☐ Other (Specify) FS



LAURA B. ENGLER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 1-23-2000

Form ACO-1 (7-91)

79515

SIDE TWO

Landmark Energy Exp., Inc./

Operator Name Vess Oil Corporation

Lease Name OHL Southwest

Well # #1-4

Sec. 4 Twp. 10 Rge. 32
☐ East
☒ West

County Thomas

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.)
List All E.Logs Run:
Radiation Guard Log

☐ Log Formation (Top), Depth and Datum ☐ Sample
Name Top Datum
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 1/4"	8 5/8"	24#	314'	60/40 Poz	190	2% Gel, 3% cc

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

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method			
D&A			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil N/A Bbls.	Gas N/A Mcf	Water N/A Bbls.	Gas-Oil Ratio	Gravity	

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 _____

COPY

Operator: Landmark Energy Exploration, Inc./Vess Oil Corp.
 Lease Name: OHL Southwest
 Well Number: #1-4
 Location: NW SW NE Sec. 4-10S-32W
 Thomas County, Kansas
 API No.: 15-193-206490000

CONFIDENTIAL

DST #1 - 4328-4370'. 30-30-30-30. IFP: 19-19; ISIP: 22; FFP: 19-19; FSIP: 22. Rec. 1' drilling mud w/ oil stain in tool.

DST #2 - 4480-4527'. 30-45-45-60. IFP: 25-68; ISIP: 1062; FFP: 71-121; FSIP: 1016. Initial blow: 5"; Final blow: 1". Rec. 1' free oil, 89' muddy wtr, 120' sw. Chlorides: 65,000 ppm; Mud system: 2,000 ppm.

DST #3 - Misrun.

DST #4 - 4534-4646' (Myric, Ft. Scott, Johnson). 30-45-45-45. IFP: 61-61; ISIP: 560; FFP: 61-61; FSIP: 229. Rec. 10' mud.

DST #5 - 4700-4720' (Miss.). 45-45-45-60. IFP: 21-18; ISIP: 1109; FFP: 19-28; FSIP: 1079. Rec. 65' watery mud w/ oil scum.

DST #6 - 4598-4681'. Straddel Test Basal Sand. 45-45-45-60. IFP: 20-37; ISIP: 1070; FFP: 38-52; FSIP: 1043. Rec. 450' gip, 90' slightly gsy oil cut wtry mud (5% gas, 20% oil, 25% water, 50% mud)

Log Tops

Anhydrite	2634	+462
Base Anhydrite	2662	+434
Wabaunsee	3697	-601
Topeka	3826	-730
Heebner Shale	4042	-946
Lansing Lms.	4079	-983
35' Zone	4112	-1016
50' Zone	4130	-1034
90' Zone	4161	-1065
Muncie Shale	4217	-1121
140' Zone	4234	-1138
160' Zone	4264	-1168
180' Zone	4285	-1189
Stark	4299	-1203
200' Zone	4313	-1217
Hush P	4332	-1236
220' Zone	4342	-1246
Base KC	4362	-1266
Altamont	4434	-1338
Pawnee	4490	-1394
Myric	4531	-1435
Ft. Scott	4551	-1455
Cherokee Shale	4579	-1483
Johnson	4622	-1526
Base Johnson	4639	-1543
Mississippi	4674	-1578
LTD	4722	

KCC

JUN 25

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JUL 31 1997

FROM CONFIDENTIAL