

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

(L)

API NO. 15- 193-206490000

County THOMAS

 - NW - SW - NE Sec. 4 Twp. 10 Rge. 32 X ^E _W

1650 Feet from SW (circle one) Line of Section

2310 Feet from EW (circle one) Line of Section

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

Lease Name OHL SOUTHWEST Well # 1-4

Field Name unnamed

Producing Formation na

Elevation: Ground 3091' KB 3096'

Total Depth 4720' PBDT

Amount of Surface Pipe Set and Cemented at 314' 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 D&A 997 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: KCC

Operator Name RELEASED JUN 25 96

Lease Name License No. CONFIDENTIAL

 Quarter Sec. Twp. S Rng. E/W

County FROM CONFIDENTIAL Docket No.

Operator: License # 06113

Name: LANDMARK ENERGY EXPLORATION, INC.

VESS OIL CORPORATION
Address 1861 N. ROCK ROAD, SUITE 205

City/State/Zip Wichita, Kansas 67206

Purchaser: na

Operator Contact Person: Jeff Wood

Phone (316) 683-8080

Contractor: Name: L. D. DRILLING, INC.

License: 6039

Wellsite 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 PBDT

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

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. Wood
Title President Date 6/25/96

Subscribed and sworn to before me this 25th day of June, 19 96.

Notary Public Laura B. Engler

Date 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 NPGA
 KGS Plug Other (Specify)

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

Landmark Energy Exp., Inc./

Operator Name Vess Oil Corporation

Lease Name OHL Southwest Well # #1-4

East

County Thomas

Sec. 4 Twp. 10 Rge. 32 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 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 Datums Sample
 Name Top Datum
 See Attached.

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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 <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> 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

Production Interval Other (Specify) _____

CONFIDENTIAL

ORIGINAL

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	

RELEASED
JUL 31 1997
FROM CONFIDENTIAL
CONFIDENTIAL
KCC
JUN 25
CONFIDENTIAL

ALLIED CEMENTING CO., INC.

0521

CONFIDENTIAL
ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Oakley

DATE <u>5-16-96</u>	SEC. <u>4</u>	TWP. <u>10</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>10:45 PM</u>	JOB START	JOB FINISH <u>1:00 AM</u>
LEASE <u>Southwest</u>	WELL# <u>1-4</u>	LOCATION <u>1-70 + 83, 1N-1/2W-1/2N-65</u>	COUNTY <u>Thomas</u>	STATE <u>Kan</u>			

OLD OR NEW (Circle one)

CONTRACTOR L-D Ddls Co.

TYPE OF JOB Surface

HOLE SIZE <u>12 1/4</u>	T.D. <u>312'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>311'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS:	

OWNER Same

CEMENT

AMOUNT ORDERED 190 SKS 60/40 per
3% cc - 2% cel

COMMON	<u>114 SKS</u>	@	<u>7²⁰</u>	<u>820⁸⁰</u>
POZMIX	<u>76 SKS</u>	@	<u>3¹⁵</u>	<u>239⁴⁰</u>
GEL	<u>3 SKS</u>	@	<u>9⁵⁰</u>	<u>28⁵⁰</u>
CHLORIDE	<u>16 SKS</u>	@	<u>28⁰⁰</u>	<u>168⁰⁰</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Walt</u>
# <u>300</u>	HELPER <u>Wayne</u>
BULK TRUCK	
# <u>212</u>	DRIVER <u>Dean</u>
BULK TRUCK	
#	DRIVER

JUN 25

CONFIDENTIAL

HANDLING	<u>190 SKS</u>	@	<u>1⁰⁵</u>	<u>199⁵⁰</u>
MILEAGE	<u>4¢ per SK/mile</u>			<u>80⁰⁰</u>

RELEASED

TOTAL 1,536²⁰

JUL 31 1997

REMARKS: Cement Did Circ

FROM CONFIDENTIAL SERVICE

DEPTH OR JOB

ALLIED CEMENTING CO., INC.

0278

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

RELEASE SERVICE POINT:

OAKLEY, Ks

JUN 31 1997

DATE <u>5-26-96</u>	SEC. <u>4</u>	TWP. <u>10S</u>	RANGE <u>32 W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>SOUTHWEST</u>	WELL # <u>1-4</u>	LOCATION <u>OAKLEY 6N-2W-1N</u>	FROM <u>CONFIDEN</u>	6:30 AM	9:00 AM	12:00 PM	
		COUNTY <u>THOMAS</u>	STATE <u>KS</u>				

OLD OR NEW (Circle one)

CONFIDENTIAL

CONTRACTOR <u>L. D. DRLG.</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>PTA</u>	CEMENT
HOLE SIZE <u>7 7/8"</u>	T.D. <u>4720'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2"</u>	DEPTH <u>2645'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	

AMOUNT ORDERED 190 SKS 60/40 P262 GCL 1/4"
Flo-SEAL

COMMON	<u>114</u>	SKS	@	<u>720</u>	<u>820.80</u>
POZMIX	<u>76</u>	SKS	@	<u>315</u>	<u>239.40</u>
GEL	<u>10</u>	SKS	@	<u>950</u>	<u>95.00</u>
CHLORIDE			@		
<u>Flo-Seal 48#</u>			@	<u>115</u>	<u>55.20</u>
<u>KCC</u>			@		
<u>JUN 25</u>			@		
<u>CONFIDENTIAL</u>			@		
HANDLING	<u>190</u>	SKS	@	<u>105</u>	<u>199.50</u>
MILEAGE	<u>4¢ per sk/mile</u>				<u>80.00</u>
					<u>min.</u>
					<u>TOTAL 1470.20</u>
					<u>1489.90</u>

EQUIPMENT

PUMP TRUCK	CEMENTER	<u>FERRY</u>
# <u>191</u>	HELPER	<u>WAYNE</u>
BULK TRUCK		
# <u>218</u>	DRIVER	<u>DEAN</u>
BULK TRUCK		
#	DRIVER	

REMARKS:

<u>25 SKS AT 2645'</u>
<u>100 SKS AT 1795'</u>
<u>40 SKS AT 365'</u>
<u>10 SKS AT 40'</u>
<u>15 SKS RST HOLE</u>

SERVICE

DEPTH OF JOB	<u>2645'</u>
PUMP TRUCK CHARGE	<u>550.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>8 miles @ 2.85</u> <u>22.80</u>
PLUG	<u>85¢ DRY HOLE @</u> <u>23.00</u>
	@
	@

TOTAL 595.80

CHARGE TO: LANDMARK ENERGY VESS OIL CO.

STREET 1861 N Rock Rd #205
CITY Wichita STATE Kansas ZIP 67206-1264

FLOAT EQUIPMENT

	@
	@
	@
	@
	@
	@

TOTAL

TAX	
TOTAL CHARGE	
DISCOUNT	IF PAID IN 30 DAYS

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Don J. Maguire