

SIDE TWO

Operator Name Arlo S. Hennrich Lease Name Hennrich LeaseSec. 29 Twp. 15 Rge. 20 ☒ East ☐ West County Franklin

WELL LOG

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
 Samples Sent to Geological Survey ☐ Yes ☒ No
 Cores Taken ☒ Yes ☐ No

Formation Description
☒ Log ☐ Sample

Name Top Bottom

See Core Sample Report

See Drillers Log

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 Arlo S. HennrichTitle Owner Date 3-13-80

Subscribed and sworn to before me this 13th day of March
 1980.

Notary Public Louis KlockstromDate Commission Expires November 19 1988

K.C.C. OFFICE USE ONLY			
F	☐	Letter of Confidentiality Attached	Distribution ☒ KCC ☐ SWD/Rep ☐ NGPA ☒ KGS ☐ Plug ☐ Other (Specify)
C	☐	Wireline Log Received	
C	☐	Drillers Timelog Received	
RECEIVED STATE CORPORATION COMMISSION			

MAR 31 1980 Form ACO-1 (7-84)

CONSERVATION DIVISION
Wichita, KansasCASING 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	4"	6 1/4"	15.1	70'	Portland	14.0	2.1 gal
Intermediate	5 7/8"	7 1/8"	28	285'	Portland	14.0	2.1 gal

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	Not Perforated	Fractured	

TUBING RECORD	Size <u>2 3/8</u>	Set At <u>70'</u>	Packer at <u>70'</u>	Liner Run ☐ Yes ☒ No
---------------	-------------------	-------------------	----------------------	---

Date of First Production Unknown Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

Sec 29 Twp 15 Rge 20 E

Open: Hermreck Oil Co. N
SHEET LOG

29-15-20E

WELL NO. 3
FARM Hermreck
STATE Kansas COUNTY Franklin
SECTION 29 TOWNSHIP 15 RANGE 20E
FOR WELL OWNER S/2 NE

COMMENCED SPUDING 12/15/85
FINISHED DRILLING 12/17/85
DRILLER'S NAME _____
DRILLER'S NAME _____
A.P.I. NO. 15-059-24115

THICKNESS OF STRATA	FORMATION	TOTAL DEPTH	THICKNESS OF STRATA	FORMATION	TOTAL DEPTH
78'	Topsoil & Clay	78'	6'	Shale	407'
5'	Lime	83'	34'	Lime	441'
6'	Shale	89'	4'	Shale	445'
17'	Lime	106'	10'	Lime	455'
8'	Shale	114'	172'	Shale	627'
7'	Lime	121'	9'	Lime	636'
3'	Shale	124'	4'	Shale	640'
19'	Lime	143'	6'	Lime	646'
27'	Shale	170'	5'	Shale	651'
23'	Lime	193'	9'	Lime	660'
75'	Shale	268'	10'	Shale	670'
22'	Lime	290'	4'	Lime	674'
15'	Sandy Shale	305'	4'	Shale	678'
8'	Lime	313'	2'	Lime	680'
33'	Shale	346'	1'	Shale	681'
12'	Lime	358'	9	F. Scott Lime	690'
3'	Shale	361'	15'	Shale	705'
2'	Lime	363'	4.	F. Scott Lime	709'
17'	Shale	380'	6'	Shale	715'
21'	Lime	401'	11½'	Sand	726.5'
			33½'	Shale	800

TD 800 feet
Cored 1 time
Set 78' of 6½" pipe
Set 735' of 2 7/8" pipe

APR 01 1986

State Geological Survey
WICHITA BRANCH

RECEIVED
STATE CORPORATION COMMISSION

MAR 31 1986

CONSERVATION DIVISION
WICHITA, KANSAS

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

29-15-20E

Company Hermreck Oil Company Lease Hermreck Well No. 3

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	715.6	16.3	36	62	98	455	3.9
2	716.6	15.4	13	80	93	155	Imp.
3	717.6	14.4	6	85	91	67	Imp.
4	719.7	16.6	16	62	78	206	1.1
5	721.5	13.8	22	74	96	236	0.52
6	724.8	18.1	27	45	72	379	5.6
7	725.7	14.3	31	65	96	344	3.9

APR 01 1965

Geological Survey
WICHITA BRANCH

MAR 31 1965

CONSERVATION DIVISION
Wichita, Kansas

LOG

29-15-20C

Company Hermreck Oil Company Lease Hermreck Well No. 3

Depth Interval,
Feet

Description

SQUIRREL SANDSTONE

715.0 - 716.5	Sandstone and shale, brown and gray, laminated.
716.5 - 718.0	Sandstone, grayish brown, very shaly.
718.0 - 719.6	Shale, gray, with scattered brown sandstone stringers.
719.6 - 720.0	Sandstone and shale, brown and gray, laminated.
720.0 - 721.4	Shale, gray, with scattered brown sandstone stringers.
721.4 - 723.4	Sandstone and shale, brown and gray, laminated.
723.4 - 724.3	Limestone, gray, containing a vertical fracture.
724.3 - 726.5	Sandstone and shale, brown and gray, laminated.

APR 01 1965
STATE OF KANSAS
Geological Survey
Wichita Branch

STATE OF KANSAS
GEOLOGICAL SURVEY

MAR 31 1965

CONSERVATION DIVISION

Wichita, Kansas

OILFIELD RESEARCH LABORATORIES
CORE ANALYSIS