

10-25-31W

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

S. 15 T. 35 R. 31 ^KW
Loc. C W 1/2 NE NE
County Seward

API No. 15 — 175 — 20,201
County Number

Operator
Hickerson Oil Company

Address 2420 Western Federal Savings Building
Denver, Colorado

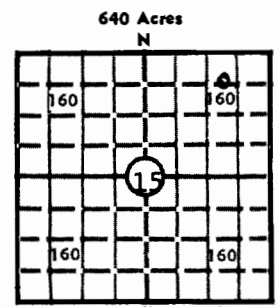
Well No. #1 Lease Name Larrabee

Footage Location 660 feet from (N) (S) line 990 feet from (E) (W) line

Principal Contractor Saga Drilling Company Geologist John B. Elder

Spud Date June 19, 1973 Total Depth 6360 P.B.T.D. 6360

Date Completed July 2, 1973 Oil Purchaser None - Dry Hole



Locate well correctly
Elev.: Gr. 2684
DF 2691 KB 2692

CASING RECORD

Report of oil strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12-1/4	8-5/8	24	1502	Halco Light Common	450 150	2% CC 10% Salt + 3% CC

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator

Hickerson Oil Company

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No.

1

Lease Name

Larrabee

Dry Hole

S 15 T 35 R 31 W C W/2 NE/4 NE/4 Seward. Ks

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.

TOP

BOTTOM

NAME

DEPTH

Certified Drillers Log Attached

Drill Stem Test #1 5980-6360'
Opened tool for 15 min. preflow w/ strong flow. Initial shut in 60 min. Reopened for 60 min. final flow w/strong flow and remained steady. Final shut in 120 min. Recovered; 4500' gas, 680' heavy gas cut mud, 90' Gas & Oil cut mud. IHMP 2841#, IFP 128-172# ICIP 1893#, FFP 242-400#, FCIP 1821, FHMP 2696#

Log Tops

Toronto 4545
Lansing - KC 4692
Marmaton 5407
Morrow SH 5996
U Morrow SS 6050
L Morrow SS 6130
Miss-Chester 6170
Total Depth 6360

Drill Stem Test #2 5460-5589
Opened for 15 min. preflow w/strong flow. Initial shut in for 60 min. Reopened for 60 min. final flow w/ strong flow and remained steady throughout. Final shut in 120 min. Recovered: 2055' drlg mud and 1600' water.

IHMP 2625#, IFP 1070-1110#, ICIP 1890#, FFP 1315-1740#, FCIP 1890#, FHMP 2530#

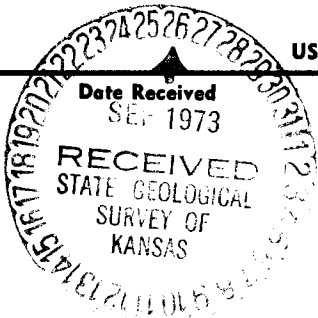
Table with 3 columns: LOG TOPS, DEPTH, DATUM. Rows include B ANHY, CO GR, B HEEB, TOR, LANS, MRW, ATOKA, 13 FINGERS, B, 15 MRW ZN, L MRW SD, CHEST, LTD, RTD.

INDEPENDENT OIL & GAS SERVICE WICHITA, KANSAS

Electric Logs

Dual Induction - Laterolog
TD-base of 8-5/8 surface casing
Comp Formation Density w/GR
TD-4400

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.



Signature: Walter C. Smith

Petroleum Engineer

Date: September 4, 1973

15-35-31W

State Geological Survey
WICHITA, BRANCH



DRILLERS LOG

LARRABEE NO. 1

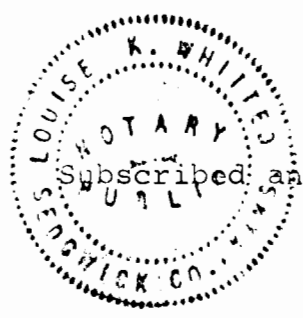
CASING RECORD:	OPERATOR:	Hickerson Oil Co.	DESCRIPTION:
8-5/8" @ 1505' w/600 sax cement	CONTRACTOR:	Sage Drilling Co.	NE NE Sec. 15-35S-31W Seward County, Kansas.
TOTAL DEPTH:	COMMENCED:	June 19, 1973	
6350'	COMPLETED:	July 2, 1973	

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Surface Soil & Sand	0	735	
Shale, Sand & Anhydrite	735	1508	
Shale & Anhydrite	1508	1968	
Shale	1968	2401	
Lime & Shale	2401	6360'	D&A

I certify that this is a true and correct copy of the above log to the best of my knowledge.

SAGE DRILLING CO., INC.

BY Clarence Michael
Clarence Michael



Subscribed and sworn to before me this 3rd day of July, 1973.

Louise K. Whitted
Louise K. Whitted, Notary Public

My commission expires:
November 26, 1974.