

State Geological Survey  
WICHITA, BRANCH

KANSAS DRILLERS LOG

S. 16 T. 32 R. 7 <sup>E</sup>W  
Loc. 280' FNL & 2360' FEL  
County Harper

API No. 15 — 077 — 20,357  
County Number

Operator  
Texas Oil & Gas Corp.

Address  
450 O. W. Garvey Building Wichita, Kansas 67202

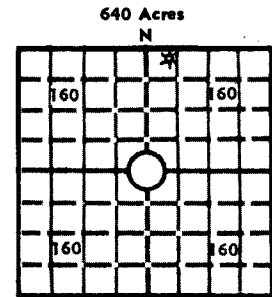
Well No. #1 Lease Name Larsen

Footage Location  
280 feet from (N) (S) line 2360 feet from (E) (W) line

Principal Contractor Xplor Drilling Co. Geologist Gary Holstin

Spud Date 5-22-76 Total Depth 4762' P.B.T.D. 4523'

Date Completed 6-24-76 Oil Purchaser N/A



Elev.: Gr. 1415'  
DF 1420' KB 1423'

CASING RECORD

Report of all 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#	246'	Class H	250	3% CaCl <sub>2</sub> 2% Gel
Production	7 7/8"	4 1/2"	10.5#	4565'	50/50 Pozmix	275	18% NaCl, 1.25% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
N/A	N/A	N/A	4 JSPF	Deep Penet.	4385-87'

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	4415'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize w/750 gal 15% Acetic Acid, 1 gal Super	4385-87'
Flo-ease	

INITIAL PRODUCTION

Date of first production N/A	Producing method (flowing, pumping, gas lift, etc.) Shut-in				
RATE OF PRODUCTION PER 24 HOURS	Oil N/A	Gas 309	MCF	Water N/A	Gas-oil ratio N/A
Disposition of gas (vented, used on lease or sold) Shut-in	Producing interval (s) 4385-87'				

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  
Texas Oil & Gas Corp.

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

Well No. 1 Lease Name Larsen

Gas Well

S16 T 32S R 7 E  
W

**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
Herrington	1396	+27		
Winfield	1463	-40		
Towanda	1534	-111		
Fort Riley	1592	-169		
Florence	1636	-213		
Wreford	1764	-341		
Bader	1923	-500		
Cottonwood	1956	-533		
Red Eagle	2085	-662		
Indian Cave	2240	-817		
Waubaunsee	2282	-859		
Stotler	2480	-1057		
Tarkio	2600	-1177		
Emporia	2677	-1254		
Howard	2871	-1448		
Heebner	3240	-1817		
Toronto	3262	-1839		
Douglas	3280	-1857		
Iatan	3538	-2115		
Stalnaker	3592	-2169		
Lansing	3824	-2401		
Stark	3958	-2535		
Swope	3968	-2545		
B/Kansas City	4044	-2621		
Cherokee	4232	-2809		
Mississippi	4385	-2962		
Kinderhook	4613	-3190		
Viola	4726	-3303		
Simpson	4744	-3321		

DST #1 3827-79' (Lansing) w/following results: IFP/30": 96-107#. ISIP/60": 1546#. FFP/45": 139-150#. FSIP/135": 1568#. Weak blow thru-out. Rec 720' GIP, 30' O&GCM, 60' VSO&GCM, 60' VSG&OCM, 60' VSGC wtry mud, 60' VSGC mdy wtr.

DST #2 3927-81' (Swope) w/following results: IFP/30": 86-107# (See )  
(Attached.)

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

Date Received

William C. Wells, Jr.   
District Manager

Title

July 14, 1976

Date

Addition to Kansas Drillers Log  
Texas Oil & Gas Corp. Larsen Well #1.

16-32-7w

(DST #2 continued). ISIP/60": 1621#. FFP/45": 139-161#. FSIP/135": 1633#. Weak blow thru-out. Rec 70' wtry mud, 240' mdy wtr, Chlorides = 138,000 ppm.

DST #3 4390-4405' (Mississippi) w/following results: IFP/30": 327-262#. ISIP/60": 1633#. FFP/45": 348-236#. FSIP/90": 1587#. 1st open GTS 2", 1230 MCFD decreasing to 863 MCFD, 2nd open 1420 MCFD decreasing to 764 MCFD. Rec 62' M&GCSW & 238' SW, Chlorides 138,000, Drlg mud Chlorides 23,000.

DST #4 4405-40' (Mississippi) w/results as follows: IFP/30": 11-23#, weak blow thru-out. ISIP/60": 1603#. FFP/45": 47-71#, weak blow thru-out. FSIP/90": 1534#. Rec 134' wtry mud & 62' mdy wtr. Chlorides 23,000, drlg mud chlorides 23,000.

Ran O.H. Logs.