

**KANSAS DRILLERS LOG**

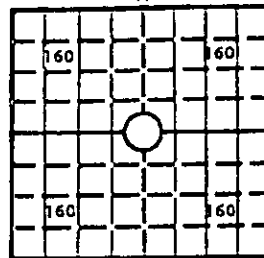
**ORIGINAL**

S. 15 T. 23 R. 4 <sup>K</sup>/<sub>W</sub>

Loc. A/C SE SE SE

County Reno

640 Acres  
N



Elev.: Gr. 1472  
DF 1474 KB 1477

API No. 15 — 155 — 20,226-0000  
County Number

Operator

**TGT Petroleum**

Address **209 East Williams  
Wichita, Kansas 67202**

Well No. #1 Lease Name Nelson

Footage Location  
330 feet from (N) (S) line 440 feet from (E) (W) line

Principal Contractor **Blackstone Drilling** Geologist **Walter H. Martz**

Spud Date **November 25, 1973** Total Depth 3406 P.B.T.D. 3359

Date Completed **February 12, 1974** Oil Purchaser **Continental Oil Company**

**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	13-7/8	10-3/4		208	Portland	250	18% Salt
Production	8-7/8	5-1/2	14.5	3406	Reg. Portland	100	18% Salt

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	DP	3364-68
			4	DP	3374-78
			4	DP	3348-56
			4	DP	3351-55

**TUBING RECORD**

Size	Setting depth	Packer set at	Shots per ft.	Size & type	Depth interval
3"	3336	None	4	DP	3351-55

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
1250 Gal Acid	3364-68 and 3374-78
150 sxs. 60-40 Posmix Cement Squeeze Job	3364-68, 3374-78, 3348-56
500 Gas Acid and 4500# 20-40 Sand & 500# 10-20 Sand & 500 Gal. Water	3351-55

**INITIAL PRODUCTION**

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Date of first production <b>7-15-74</b>	Producing method (flowing, pumping, gas lift, etc.) <b>Pumping</b>		
RATE OF PRODUCTION PER 24 HOURS	Oil <b>7.2</b> bbls.	Gas <b>MCF</b>	Water <b>115.62</b> bbls.
Disposition of gas (vented, used on lease or sold)			Gas-oil ratio <b>CFPB</b>
			Producing interval (s) <b>3351-55</b>

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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator TGT Petroleum Corporation

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

Well No. 1 Lease Name Nelson

Oil

S 22 T 23S R 4 E W Reno County, Kansas

**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
Sand and Shale	0	175	Brown Lime	2545(-1068)
Blue Shale	175	208	Lansing	2561(-1084)
Shale	208	565	Base KansasCity	3021(-1544)
Shale and Lime	565	940	Cherokee	3153(-1676)
Lime	940	1160	Mississippi	3298(-1821)
Lime and Shale	1160	1340	Miss. Osage	3346(-1869)
Shale	1340	1790	Miss. Dolomite	3363(-1886)
Shale and Lime	1790	2135		
Lime	2135	2400		
Lime and Shale	2400	2570		
Lime	2570	3045		
Lime and Shale	3045	3288		
Mississippi	3288	3406		

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

Date Received

Signature

General Manager

Title

January 10, 1975

Date



# Blackstone Drilling, Inc.

Box 455 • 523 West Kansas • Phone (316) 241-1250

McPHERSON, KANSAS 67460

December 3, 1973

COMPANY: TGT Petroleum Corporation  
 CONTRACTOR: Blackstone Drilling, Inc.  
 FARM: A. Nelson #1  
 LOCATION: SE SE SE, Sec. 15-23S-4W,  
 Reno County, Kansas  
 COMMENCED: November 25, 1973  
 COMPLETED: December 2, 1973  
 ELEVATION: 1477 K. B.

0	to	175	Sand & Shale
175	to	208	Blue Shale
208	to	565	Shale
565	to	940	Shale & Lime
940	to	1160	Lime
1160	to	1340	Lime & Shale
1340	to	1790	Shale
1790	to	2195	Shale & Lime
2195	to	2400	Lime
2400	to	2570	Lime & Shale
2570	to	3045	Lime
3045	to	3288	Lime & Shale
3288	to	3406	Mississippi
		3406	T. D.

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Cut 15 1/4 inch hole and run 210 ft. of 10 3/4 inch surface pipe, cemented with 250 sacks of cement at 208 ft., plug down at 6:00 p. m., November 25, 1973.  
 Cut 7 7/8 inch hole to 3406. Run 3408 ft. of 5 1/2 inch pipe, cemented with 100 sacks of 18 % salt on bottom at 3406 ft., plug down at 12:30 P. M., Dec. 2, 1973.

TOPS: BROWN LIME - 2545'    KANSAS CITY - 2561'    BASE KANSAS CITY - 3021'  
 MISSISSIPPI - 3288'    OSAGE - 3346'

Measurements taken from K. B.

### CERTIFICATE

I, Charles D. Johnson, Secretary-Treasurer of Blackstone Drilling, Inc. do hereby certify that the above and foregoing is a true and correct copy of log on your A. Nelson #1, located on the SE SE SE, Section 15-23S-4W, Reno County, Kansas as reflected by the files of Blackstone Drilling, Inc.

Charles D. Johnson, Secretary-Treasurer

Subscribed and sworn to before me a Notary Public in and for McPherson County, Kansas this 3rd day of December, 1973.

Johnnie L. Schmidt, Notary Public

My Commission Expires: June 23, 1977.

