

KANSAS DRILLERS LOG

WICHITA, BRANCH

API No. 15 — 185 — 20,629
County Number

Operator

Alpine Drilling Company, Inc.

Address 800 Bitting Building Wichita, Kansas 67202

Well No. #1 Lease Name O'Sullivan

Footage Location

330 feet from (N) (X) line 330 feet from (E) (X) line

Principal Contractor Sterling Drilling Co.

Geologist Jon T. Williams, Jr.

Spud Date December 18, 1975

Total Depth 4325' P.B.T.D.

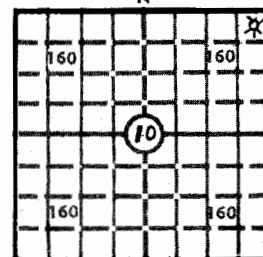
Date Completed January 21, 1976

Purchaser Gas Central States Gas Co.

S. 10 T. 25 R. 15 W

Loc. NE NE NE

County Stafford

640 Acres
N

Locate well correctly

Elev.: Gr. 2022'

DP 2029' KB 2032'

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		8-5/8"	28#	296'	common	275	2% gel, 3% c.c.
Production		5-1/2"	14#	4322'	common	75	2% gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	DP Jet	4210 - 4220
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized w/750 gal. 7-1/2% MCA using treated KCL water	4210 - 4220
Fractured well w/12,500# 20-40 sand, 9,000# 10-20 sand and using gelled water	4210 - 4220

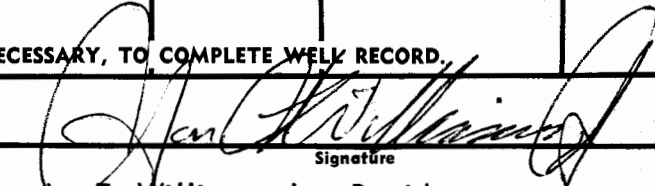
INITIAL PRODUCTION

Date of first production January 21, 1976	Producing method (flowing, pumping, gas lift, etc.) Flowing
RATE OF PRODUCTION PER 24 HOURS	Oil bbls. 1,900 MCF Gas bbls. Water Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) Sold	Producing interval (s) 4210 - 4220

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 Alpine Drilling Co., Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name O'Sullivan	Gas
S <u>10</u> T <u>25S</u> R <u>15</u> X W		

WELL LOG			SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.				
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Drill Stem Test No. 1 - 3796 - 3825 30/30 30/30 1st opening - Weak blow for 15 min. 2nd opening - Weak blow for 15 min. Recovered 120' thin, watery mud. IBHP - 1030# IFP - 65-87# FBHP - 976# FFP - 87-109#			<u>SAMPLE TOPS</u>	
			Topeka	3210 (-1178)
			Heebner	3625 (-1593)
			Toronto	3646 (-1614)
			Douglas	3663 (-1631)
			Br. Lime	3783 (-1751)
			Lansing	3790 (-1758)
			B/Kansas City	4049 (-2017)
			Ft. Scott	4137 (-2105)
			Mississippi Chert	4201 (-2169)
			Kinderhook	4238 (-2206)
			T.D.	4325 (-2293)
Drill Stem Test No. 2 - 4202 - 4230 30/45 60/45 Gas to surface in 5 min. Gauged through 1-1/4" orifice. 1st opening - 10 min. - 107 MCF 20 min. - 81 MCF - 1" orifice 30 min. - 68.3 MCF 2nd opening - 10 min. - 89.8 MCF 20 min. - 63.3 MCF 30 min. - 51.6 MCF 40 min. - 44.7 MCF 50 min. - 40 MCF 60 min. - 36.5 MCF Recovered 70' of gas cut mud. IBHP - 1146# IFP - 98-98# FBHP - 954# FFP - 87-87#			<u>LOG TOPS</u>	
			Topeka	3210 (-1178)
			Heebner	3630 (-1598)
			Toronto	3650 (-1618)
			Douglas	3669 (-1637)
			Br. Lime	3789 (-1757)
			Lansing	3796 (-1764)
			B/Kansas City	4054 (-2022)
			Ft. Scott	4146 (-2114)
			Mississippi	4206 (-2174)
			Kinderhook	4240 (-2208)
			Viola	4306 (-2274)
			T. D.	4330 (-2298)
Drill Stem Test No. 3 - 4230 - 4256 30/30 30/30 1st opening - Weak blow. 2nd opening - Blow died in 5 min. Flushed tool, but no help. Recovered 40' of slightly gas cut mud. IBHP - 76# IFP - 65-54# FBHP - 98# FFP - 87-87#				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				

Date Received	USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.	
	 Signature	
	Jon T. Williams, Jr., President Title	
	February 9, 1976 Date	