

KANSAS DRILLERS LOG

API No. 15 — 185 — 20,654
County Number

Operator

Alpine Drilling Company, Inc.

Address

800 Bitting Building Wichita, Kansas 67202

Well No.

#1

Lease Name

Frack

Footage Location

660 feet from (N) ~~XX~~ line 660 feet from ~~XX~~ (W) line

Principal Contractor

Sterling Drilling Co.

Geologist

Jon Williams (Al Stude)

Spud Date

May 6, 1976

Total Depth

4374'

P.B.T.D.

Date Completed

July 6, 1976

Oil Purchaser

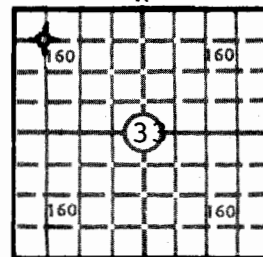
None

S. 33 T. 25 R. 15 W

Loc. C NW NW

County Stafford

640 Acres
N



Locate well correctly

Elev.: Gr. 2023'

DF 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#	292'	common	225	2% gel, 3% c.c.
Production		4-1/2"	10.5#	4374'	common	100	

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
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PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2	DP Jet	4313' to 4323'
2	DP Jet	4303' to 4306' 4289' to 4292'

TUBING RECORD

Size	Setting depth	Packer set at
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ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized with 750 gallons 7-1/2% MCA & 1% KCL water Fractured with 24,500 gallons gelled 2% KCL water with 13,500#, 20/40 sand	4313' to 4323'
Acidized with 2,000 gallons 15% reg. acid w/4 gal. HC-2 & 4 gal. 15N agent	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
None					
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	MCF	bbls.	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 Alpine Drilling Co., Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:		
Well No. 1	Lease Name Frack	Dry Hole		
S33 T 256 15 ^{EX} 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
DST #1 - 4274 to 4302 Strong blow. Gas to surface in 40 min. too small to measure on first opening. Second opening: 10 min. - 26,000 CF 20 min. - 27,000 " 30 min. - 30,000 " 40 min. - 30,000 " 50 min. - 30,000 " 60 min. - 30,000 " IFP - 51-61# IBHP - 1114# FFP - 41-61# FBHP - 1214# DST #2 - 4311 to 4344 Misrun. DST #3 - 4312 to 4344 Fair, steady blow throughout test. Had 500' of gas in pipe, 60' of slightly gas cut mud. IFP - 51-61# IBHP - 133# FFP - 61-82# FBHP - 123# (The poor bottom hole pressures are believed to be due to a possible mudded up zone.) DST #4 - 4353 to 4374 Strong to weak blow. Recovered 360' of muddy water and 1360' of water. IFP - 123-370# IBHP - 1204# FFP - 401-614# FBHP - 1154#				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD				
Date Received	 Signature Jon T. Williams, Jr., President Title July 19, 1976 Date			