

State Geological Survey WICHITA, BRANCH

KANSAS DRILLERS LOG

S. 19 T. 21 R. 13 W

API No. 15 — 185 — 20,472
County Number

Loc. SE SW NE

County Stafford

Operator

Alpine Drilling Co., Inc.

Address 800 Bitting Building
Wichita, Kansas 67202

Well No.

#1

Lease Name

Pundsack

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

H-30 Drilling, Inc.

Geologist

Don Moore

Spud Date

January 7, 1974

Total Depth

3736'

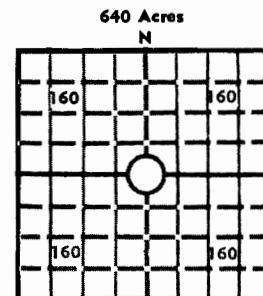
P.B.T.D.

Date Completed

January 18, 1974

Oil Purchaser

NCRA



Locate well correctly

Elev.: Gr.

1911'

DF 1914'

KB 1916'

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	10"	8-5/8"		359'		300	2% gel, 3% calcium chloride
Production	7-7/8"	5-1/2"		3729'		100	2% gel, 500# salt flush ahead of cement

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			

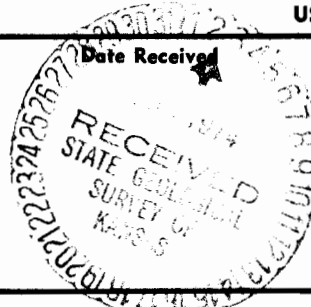
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gallons retarded acid	Open hole.
750 gallons 15% regular acid.	Open hole.
1000 gallons 28% acid.	Open hole.

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
February 28, 1974		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	15 bbls.	None MCF	50 bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
			Open hole from 3729' - 3736'		

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.: Oil	
Well No. 1	Lease Name Pundsack		
S 19 T 21S R 13W _E 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
DST #1 - 3400 - 3436. 30/30 30/30 Weak blow for 10 min. Recov. 10' mud. IFP - 48# FFP - 55# IBHP - 131# FBHP - 65# DST #2 - 3448 - 3471. 45/45 45/45 45 Strong blow. Recov. 1910' salt water. IFP - 131# FFP - 846# IBHP - 963# FBHP - 963# DST #3 - 3485 - 3528. 45/45 45/45 Strong blow. Recov. 50' gas in pipe; 80' thin oil cut mud; 120' slightly oil cut watery mud; 60' heavy oil cut watery mud; 120' heavy oil cut salt water; 761' slightly oil cut salt water. IFP - 48# FFP - 534# IBHP - 1061# FBHP - 1061# DST #4 - 3528 - 3570. 45/45 45/45 Strong blow. Recov. 80' very slightly oil cut salt water. IFP - 43# FFP - 393# IBHP - 965# FBHP - 965# DST #5 - 3660 - 3729. 30/30 30/30 Weak blow for 8 min. Recov. 20' of mud. IFP - 65# FFP - 76# IBHP - 131# FBHP - 87#	DST #6 - 3664 - 3736. 45/45 45/ 45 Strong blow. Recov. 630' heavy oil cut mud. IFP - 87# FFP - 327# IBHP - 1040# FBHP - 933#	Anhydrite Heebner Toronto Douglas Brown Lime Lansing Viola Arbuckle Total Depth	814 (+1102) 3241 (-1325) 3262 (-1346) 3279 (-1363) 3363 (-1447) 3373 (-1457) 3620 (-1704) 3727 (-1811) 3736 (-1820)
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
	Signature <i>Jon T. Williams, Jr.</i> Jon T. Williams, Jr., President Title April 15, 1974 Date		