

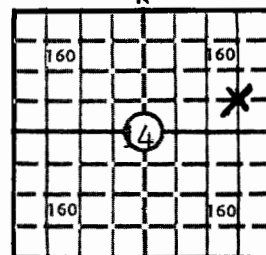
KANSAS DRILLERS LOG

State Geological Survey
WICHITA BRANCH
20,30514-1-26W
S. 14 T. 1S R. 26 K W

Loc. SE NE

County Decatur

640 Acres



Locate well correctly

Elev.: Gr. 2369'

DF 2375' KB 2377'

API No. 15 — 039

County

Number

Operator

Abercrombie Drilling, Inc.

Address

801 Union Center, Wichita, Kansas 67202

Well No.

1

Lease Name

COZAD

Footage Location

1980

feet from (N) X line

660

feet from (E) (W) line

Principal Contractor

Company Tools

Geologist

Jack K. Wharton

Spud Date

May 16, 1975

Total Depth

3538'

P.B.T.D.

Date Completed

May 29, 1975

Oil Purchaser

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 $\frac{1}{4}$ "	8-5/8"		210' KB	Sunset	160 sx.	
Production		4-1/2"	9 $\frac{1}{2}$ lb/ft	3538'	50/50 Posmix	50 sx.	12 $\frac{1}{2}$ lb/gal gilsonite/sack 2% gel
					Common	100 sx.	2% gel, 10% salt 4 $\frac{1}{2}$ lb friction reducer

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

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
October 20, 1975		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	20 bbls.	none MCF	68% bbls.	none	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
no gas			3228-3232		

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 Abercrombie Drilling, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name COZAD	Oil Well
S 14 T 1S R 26 E W		

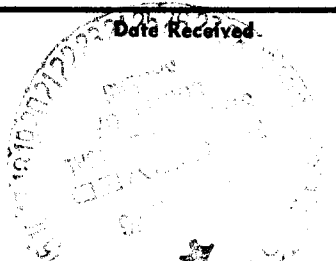
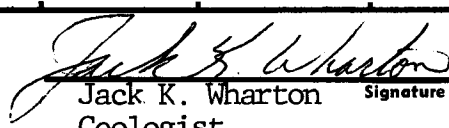
WELL LOG

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	
Clay & Sand	0	150	ELECTRIC LOG TOPS:		
Shale	150	945			
Sand	945	1020		Anhydrite	1859
Shale w/Sand Streaks	1020	1445		B/Anhydrite	1885
Shale	1445	1530		Heebner	3160
Sand	1530	1640		Toronto	3195
Shale	1640	1861		Lansing	3202
Anhydrite	1861	1890		B/Kansas City	3424
Shale	1890	2365		Sand Zone	3512
Lime & Shale	2365	3130		Granite Wash	3522
Lime	3130	3209		ELTD	3538
Lime & Shale	3209	3234			
Lime	3234	3243			
Lime & Shale	3243	3380			
Lime	3380	3538			
Rotary Total Depth		3538			
DST #1 (3168-3209) (Misrun)					
DST #2 (3166-3209) Tool stuck on bottom.					
DST #3 (3156-3209) 30", 30", 30", 30" Rec. 240' SOCM, 150' mud, 480' watery cut mud. FP's 333-464#; IBHP 902#; FBHP 894#.					
DST #4 (3216-3234) 30", 45", 60", 45" Rec. 150' Oil, 60' HMCO. IFP 26-73#; IBHP 686#; FFP 76-112#; FBHP 681#. BHT 99°. Grav. 25.8 @ 60°.					
DST #5 (3216-3243) 45", 45", 45", 45" Rec. 60' Oil (23.4 grav. @ 60°), 30' muddy oil, 240' OCM. IFP 23-107#; IBHP 945#; FFP 129-181#; FBHP 911#. BHT 101°.					
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.					

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

	 Jack K. Wharton Geologist	
	Title _____	
	Date June 2, 1975	
	Date _____	