

State Geological Survey

WICHITA, BRANCH

KANSAS DRILLERS LOG

API No. 15 — 065 — 21046
County Number

Operator

Okmar Oil Company

Address

970 Fourth Financial Center, Wichita, Kansas 67202

Well No.

2

Lease Name

LINDENMAN

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Abercrombie

Geologist

Thomas Satter

Spud Date

September 1, 1978

Total Depth

3925

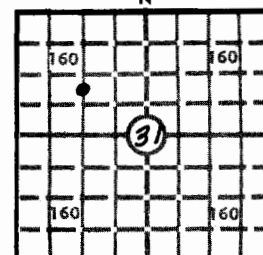
P.B.T.D.

Date Completed

September 10, 1978

Oil Purchaser

S. 31 T. 6S R. 25W E W

Loc. N/2 S/2 NWCounty Graham640 Acres
N

Locate well correctly

Elev.: Gr. 2594DF _____ KB 2601

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	28#	302	60-40 pozmix	200	2% gel, 3% CC
Production		5 $\frac{1}{2}$	14 $\frac{1}{2}$ #	3924	60-40 pozmix	150	10% salt, 3/4 of 1% CFR-2
"					Hall-lite	200	
"					Common	100	

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.)			
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 Okmar Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 2	Lease Name LINDENMAN	Oil
S 31 T 6S R 25W 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
Surface soil, sand and shale	0	303		
Shale	303	850		
Sand and shale	850	2193		
Anhydrite	2193	2227		
Shale	2227	2734		
Shale and sand	2734	3067		
Lime and shale	3067	3688		
Lime	3688	3727		
Shale and lime	3727	3740		
Lime	3740	3764		
Lime and shale	3764	3776		
Lime	3776	3835		
Lime and shale	3835	3865		
Lime	3865	3875		
Lime and shale	3875	3925		
Rotary Total Depth	3925			

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

Date Received	Signature Don Beauchamp - Geologist Title February 1, 1979 Date
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State Geological Survey
WICHITA BRANCH

CONTRACTOR'S WELL LOG

15-065-21046
31-6-25W

OPERATOR:
CONTRACTOR:
WELL NAME:
LOCATION:

SPUD DATE:
COMPLETION DATE:

Okmar Corporation
Abercrombie Drilling, Inc.
Lindeman #2
N/2 S/2 NW Section 31-6S-25W
Graham County, Kansas
September 1, 1978
September 10, 1978

0	303	Surface soil, sand & shale
303	850	Shale
850	2193	Sand & shale
2193	2227	Anhydrite
2227	2734	Shale
2734	3067	Shale & sand
3067	3688	Lime & shale
3688	3727	Lime
3727	3740	Shale & lime
3740	3764	Lime
3764	3776	Lime & shale
3776	3835	Lime
3835	3865	Lime & shale
3865	3875	Lime
3875	3925	Lime & shale
	3925	Rotary Total Depth

Spud hole at 6:45 p.m., September 1, 1978. Drilled 303' of 12 $\frac{1}{4}$ " hole. Ran 7 joints of 8-5/8" -28# surface casing. Set at 302' with 200 sacks 60-40 posmix, 2% gel, 3% CaCl. Plug was down at 12:30 a.m., September 1, 1978. Cement did circulate.

T.D. 3925'. Ran 124 joints of 5 $\frac{1}{2}$ " - 14 $\frac{1}{2}$ # production casing. Set at 3924'. Cement first stage; 150 sacks 60-40 posmix, 10% salt, 3/4 of 1% CFR-2. Cement second stage: 200 sacks halliburton lite, followed with 100 sacks of common cement. Job complete at 3:05 a.m., September 10, 1978.

SAMPLE TOPS:

Anhydrite	2193'
B/Anhydrite	2224'

STATE OF KANSAS)
) ss
COUNTY OF SEDGWICK)

Jack L. Partridge, Assistant Secretary-Treasurer of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the Lindeman #2, N/2 S/2 NW Section 31-6S-25W, Graham County, Kansas.

ABERCROMBIE DRILLING, INC.