

KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOG

API No. 15 — 195 — 20,674  
County Number

State Geological Survey  
WICHITA BRANCH

T. 11S R. 24 W  
Loc. NE NW NW (approx.)

County Trego

Operator  
K & E Petroleum, Inc.

Address  
816 Union Center, Wichita KS 67202

Well No. #1 Lease Name Gardner

Footage Location (narrow section)  
330 feet from (N) line 890 feet from (W) line

Principal Contractor K & E Petroleum, Inc. Geologist Tom Satter

Spud Date 8/6/80 Date Completed 8/13/80 Total Depth 4040' P.B.T.D. 3994'

Directional Deviation Oil and/or Gas Purchaser unknown

640 Acres  
N

Locate well correctly

Elev.: Gr. 2428'

DF KB 2433'

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 1/4"	8 5/8"	20#	323.84'	Common	200	2% gel, 3% CaCl
Production	7 7/8"	4 1/2"	10.5#	4037'	50/50 posmix	150	salt sat., 2%gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	1/2" SSB-DP jet	3842-3845 3851 1/2 - 3855 1/2
			4	1/2" SSB-DP jet	3934-3937 3972-3975

TUBING RECORD

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
750 gal. 15% NE acid, 1500 gal. 28% NE acid	3934-3937 & 3972-3975
1500 gal. 15% NE acid	3842-3845 & 3841 1/2 - 3855 1/2

INITIAL PRODUCTION

Date of first production October 8, 1980	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 51.63 bbls. Gas -- MCF Water 26.72 bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s) 3842-3845, 3851 1/2 - 3855 1/2, 3934-3937, 3972-3975

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, 245 No. Water, Wichita, Kansas 67202. 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.

<b>Operator</b> K & E Petroleum, Inc.		<b>DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:</b>
<b>Well No.</b> #1	<b>Lease Name</b> Gardner	Oil Well
S 6 T 11 S R 24 <sup>X</sup> <sub>W</sub>		

**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
Shale & Sand	0	327	<u>Electric Logs</u>	
Sand & Shale	327	2057		
Anhydrite	2057	2099	Anhydrite	2052'
Sand & Shale	2099	2610	B/Anydrite	2090'
Shale & Lime	2610	4040	Heebner	3727'
Rotary Total Depth		4040	Lansing	3764'
			ELTD	4038'
<p>DST #1 (3761-3808) 30/30/30/30  Recovered: 360' GIP, 60' O&amp;GCM, 240' MGCO, 180' muddy froggy oil. FP's 98#/164#-186#/218#  SIP's 1274#/1274#.</p> <p>DST #2 (3815-3856) 30/30/30/30  Recovered 63' Oil speckled mud. FP's 55#/55#-66#/66#  SIP's 1264#-1243#.</p> <p>DST #3 (3885'-3953') 30/30/30/30  Recovered 60' M, 30' SOCM, 30' Medium OCM (20% Oil). FP's 55#/55#-87#/87#  SIP's 1113#/1113#.</p>				

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

<b>Date Received</b>	 Wayne L. Brinegar <small>Signature</small>
	<i>Via</i> President
	October 13, 1980 <small>Date</small>

ETL96

CONTRACTOR'S WELL LOG

OPERATOR: K & E Petroleum, Inc.  
 CONTRACTOR: Abercrombie Drilling, Inc.  
 WELL NAME: GARDNER #1  
 LOCATION: NE NW NW, Section 6-11S-24W  
 Trego County, Kansas  
 SPUD DATE: 08-06-80  
 COMPLETION DATE: 08-13-80

0	327	Shale & Sand
327	2057	Sand & Shale
2057	2099	Anhydrite
2099	2610	Sand & Shale
2610	4040	Shale & Lime
	4040	Rotary Total Depth

Spud hole @ 2:15 p.m. 08-06-80. Drilled 327' of a 12-1/4" hole. Ran 8 joints of 8-5/8" - 20# casing (tally 317.34'). Set at 323.84'. Cemented with 200 sx. common cement, 2% gel, 3% c.c. Plug was down at 8:30 p.m. 08-06-80. Cement did circulate.

T.D. 4040'. Ran 102 joints of 4-1/2" - 10-1/2# casing (tally 4036.83'). Set at 4037'. Cemented with 150 sx. of 50/50 posmix, 2% gel. Salt saturated. Ran 20 barrels salt flush. Plug was down at 5:45 p.m. 08-13-80.

SAMPLE TOPS:

Anhydrite 2057'  
 B/Anhydrite 2099'

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 GARDNER #1 NE NW NW, Section 6-11S-24W, Trego County, Kansas.

ABERCROMBIE DRILLING, INC.

BY: Jack L. Partridge  
 Jack L. Partridge, Asst. Sec.-Treas.

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state as of this 20th day of August, 1980.

Sherrie L. Brooks  
 Sherrie L. Brooks, Notary Public

