

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 007 — 20,952
County Number

Operator K & O Corp.

Address P. O. Box 39 Fairview Okla

Well No. #1 Lease Name Norma (Short)

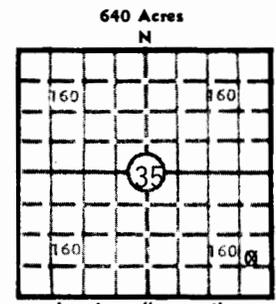
Footage Location 1,110' feet from (X) (S) line 330' feet from (E) (XX) line

Principal Contractor Union Drilling Co. Geologist Gordon W. Keen

Spud Date 7/6/80 Date Completed 7/15/80 Total Depth 4,870 P.B.T.D. 4,859

Directional Deviation 3/4 Oil and/or Gas Purchaser Lawson Crude/ PEPL

S. 35 T. 34 R. 12 ^R/_W
 Loc. NE SE SE
 County Barber



Elev.: Gr. 1435
 DF 1437 KB 1440

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	28#	381	Common	325	
Production	7 7/8	4 1/2	10 1/2#	4,869	Common	150	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None					
TUBING RECORD			2		4804-21
Size	Setting depth	Packer set at			
2 3/8	4,810'	None			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
15% HCL, 2,000 gal followed with frac,	4804-21
50,000# - 10/20 sand, 1307 barrels jelled salt water	

INITIAL PRODUCTION

Date of first production <u>7/24/80</u>	Producing method (flowing, pumping, gas lift, etc.) <u>flowing</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>40</u> bbls. Gas <u>100</u> MCF Water <u>70</u> bbls. Gas-oil ratio <u>2,500/1</u> CFPB
Disposition of gas (vented, used on lease or sold) <u>Panhandle Eastern Pipe Line Company</u>	Producing interval (s) <u>4804-21</u>

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.

Operator

K & O Oil Corporation

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No.

1

Lease Name

Norma

Oil & Casinghead Gas

S 35 T 34 R 12 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
Ran Petro-log GR-Neu, Gd-Cal				
	3,674	3,760	Indian Cave Elgin Sand	2,832 3,674
Sandstone f gr wh fri calc fair porosity no show			Heebner sh. Statnaker sd. Kansas City B/Kansas City Cherokee sd.	3,820 4,132 4,356 4,602 4,741
Sandstone tan vf gr poor porosity some saturated w/free oil	4,773	4,780	Cherokee sd.	4,773
			Rew/Miss	4,786
Limestone, dolomitic, cherty fair porosity fair show oil	4,802	4,870	Mississippi	4,802
DST #1 (Miss) 4806-20 Rec 70 DM w/show oil ISIP 53#/45" IF 53-53# FF 53-75# FSIP 150#/45" DST #2 (Miss) 4820-45 Rec 65' oil spk'd mud ISIP 75#/30" IF 53-53#/30" FF 43-53#/30" FSIP 107#/45"				

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

Date Received

R. S. Floyd
Signature

President
Title

8-29-80
Date