

KANSAS

State Geological Survey

WELL COMPLETION REPORT AND DRILLER'S LOG

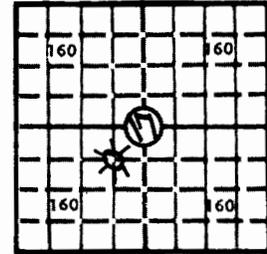
WICHITA BRANCH

S. 17 T. 31 R. 21 W

API No. 15 - 025 - 20,456
County Number

Loc. C NE SW
County Clark

640 Acres N



Locate well correctly

Elev.: Gr. 2144

DF KB 2157

Operator: Imperial Oil Company
Address: 720 Fourth Financial Center, Wichita, KS 67202
Well No.: 4-17 Lease Name: DAILY
Footage Location: 1980 feet from (N) (S) line, 1980 feet from (E) (W) line
Principal Contractor: Eagle Drilling, Inc. Geologist: Mack Armstrong
Spud Date: 3/28/81 Date Completed: 5/7/81 Total Depth: RTD 5332' P.B.T.D.
Directional Deviation: NA Oil and/or Gas Purchaser:

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Table with 8 columns: Purpose of string, Size hole drilled, Size casing set (in O.D.), Weight lbs/ft., Setting depth, Type cement, Sacks, Type and percent additives. Rows include Surface and Production data.

LINER RECORD

PERFORATION RECORD

Tables for LINER RECORD and TUBING RECORD. LINER RECORD columns: Top, ft., Bottom, ft., Sacks cement. TUBING RECORD columns: Size, Setting depth, Packer set at.

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Table with 2 columns: Amount and kind of material used, Depth interval treated. Entry: 500 gals. (6% HCL - 1 1/2% HF) at 5220-26' (Morrow).

INITIAL PRODUCTION

Date of first production: SIGW Producing method: Flowing
RATE OF PRODUCTION PER 24 HOURS: Oil, Gas, Water, Gas-oil ratio
Disposition of gas: To be sold Producing interval(s): 5220-26' Morrow

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 trans-

Operator Imperial Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 4-17	Lease Name Daily	Gas Well
S 17 T 31 R 21 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	DEPTH
DST #1 5170-5200' 30/60/30/60 Rec. 240' mud IFP: 122-144# ISIP: 355# FFP: 177-155# FSIP: ---			E-Log Tops	
DST #2 5191-5236' Misrun			Heebner	4275 (-2118)
			Brown Lime	4462 (-2305)
			Lansing	4483 (-2326)
			B/KC	4938 (-2781)
			Cherokee	5087 (-2930)
DST #3 5185-5236' 30/60/60/120 GTS/3", ga. avg. 1.9 MCF Rec. 240' Mud IFP: 520-384# ISIP: 542# FFP: 373-294# FSIP: 463#			Inqla "Huck"	5186 (-3029)
			Morrow Shale	5197 (-3040)
			1st Mw. Sand	5222 (-3065)
			2nd Mw. Sand	5259 (-3102)
			LTD	5333
DST #4 5306-32' Misrun				
DST #5 5310-32' Misrun				

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

Date Received	<i>Robert C. Spruloch</i> Signature
	Attorney-in-Fact Title
	June 8, 1981 Date