

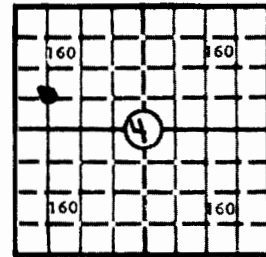
KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGState Geological Survey
WICHITA BRANCHAPI No. 15 — 025 — 20,463
County Number

S. 4 T. 31S R. 21 E W

Loc. C SW NW

County Clark

640 Acres
N

Locate well correctly

Elev.: Gr. 2240

DF KB 2245

Operator

Imperial Oil Company

Address

720 Fourth Financial Center, Wichita, KS 67202

Well No.

1-4

Lease Name

MARTIN

Footage Location

1980 feet from (N) (S) line 660 feet from (E) (W) line

Principal Contractor

White & Ellis Drilling, Inc.

Geologist

Peter J. Stubbs

Spud Date

5/13/81

Date Completed

6/11/81

Total Depth

RTD 5230'

P.B.T.D.

Directional Deviation

NA

Oil and/or Gas Purchaser

Permian

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"		603'	Lite Common	225 125	3% CC, 2% gel
production		5 1/2"	14#	5217'	Lite 50/50 Poz	75 125	18% salt & 3/4% CFR ₂

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Jumbo	5224-29'
			4	Jumbo	5222-27'

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.)			
6/20/81		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	100 bbls.	MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
			5222-29' Mississippian Porosity		

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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Imperial Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1-4	Lease Name MARTIN	Oil Well
S 4 T 31 R 21 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
DST #1 5098-5184' 60/60/65/60 Rec. 30' DM IFP: 28-37# ISIP: 146# FFP: 37-37# FSIP: 37#			E-Log Tops	
DST #2 5181-5230' 60/120/35/145 GTS/10", ga. avg. 48 MCF Rec. 3750' CGO IFP: 460-919# ISIP: 1662# FFP: 959-1149# FSIP: 1662#			Heebner Brown Lime Lansing B/KC Marmaton Ls. Cherokee Sh. Inola Morrow Sh. Mississippi Porosity LTD	4280 (-2035) 4466 (-2221) 4490 (-2245) 4939 (-2694) 4956 (-2711) 5084 (-2839) 5172 (-2927) 5182 (-2937) 5188 (-2943) 5221 (-2976) 5230 (-2985)

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

Date Received	 Signature Attorney-in-Fact Title July 10, 1981 Date
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DRILLERS LOG *State Geological*
WICHITA, BRANCH

OPERATOR: Imperial Oil Co. 720 4th Financial Center Wichita, Kansas
CONTRACTOR: White & Ellis Drilling, Inc., Box 448, El Dorado, Kansas 67042 67202

Lease Name Martin Well No. #1-4

Sec. 4 T. ~~30~~ 31 R. 21W Spot C SW NW

County Clark State Kansas Elevation _____

Casing Record:

Surface: 8 5/8 @ 603' with 350 Sxs.

Production: _____ @ _____ with _____ Sxs.

Type Well: Oil Total Depth 5230'

Drilling Commenced: 5-13-81 Drilling Completed 5-25-81

Formation	From	To	Tops
Cellar	0	7	
Shale, Lime	7	1836	
Sand	1836	2206	
Lime, Shale	2206	4675	
Lime	4675	5077	
Lime, Shale	5077	5230	

COMPLETION RECORD

Liner Record: Size _____ From _____ To _____

Cementing Record: _____ Sacks _____

Perforating Record: