

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

WLOG

S. 28 T. 33 R. 29 W

Loc. C N/2 N/2

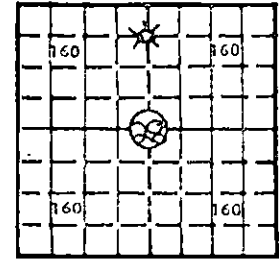
API No. 15 - 119 - 20,524-00-00
County Number

County Meade

Operator Imperial Oil Company

640 Acres
N

Address 720 Fourth Financial Center, Wichita, KS 67202



Well No. 1-28 Lease Name BENDER

Footage Location 660 feet from (N) line 2640 feet from (E) line

Principal Contractor Sage Drilling Geologist Macklin Armstrong

Spud Date 8/23/81 Date Completed 10/8/81 Total Depth RTD 5960' P.B.T.D.

Elev.: Gr. DF KB 2630

Directional Deviation NA Oil and/or Gas Purchaser

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"	24#	1604'	Lite Class "H"	600 700	
Production		5 1/2"		5879' 5999'	Lite 50/50 Poz	75 125	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	J	5880-94'
			4	J	5806-20'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1500 gals. 15% MCA	5880-94' (Chester)

RECEIVED
MAY 17 1981
KCC WICHITA

INITIAL PRODUCTION

Date of first production SIGW	Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas 2 MMCF/D (Mw) 3.3 MMCF/D (Ch)MCF	Water bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) To be sold	Producing interval(s) Dual Completion 5880-95' (Chester) & 5806-20' (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- mitted 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 <i>Imperial Oil Company</i>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1-28	Lease Name BENDER	Gas well
S 28 T 33 R 29 ^K / _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
<u>DST #1</u> 5766-5820' 45/90/60/120 GTS, ga. 4500 MCF. Rec. 489' HGCM IFP: 294-733# ISIP: 1458# FFP: 411-733# FSIP: 1458#			<u>E-Log Tops</u>	
<u>DST #2</u> 5846-5960' Misrun			Heebner	4446 (-1816)
			Toronto	4472 (-1842)
			Lansing	4603 (-1973)
			B/KC	5230 (-2600)
			Marmaton	5262 (-2632)
<u>DST #3</u> 5863-5960' Misrun			Cherokee Shale	5452 (-2822)
			Atoka Shale	5729 (-3099)
<u>DST #4</u> 5879-5960' 60/120/120/180 GTS/21", ga. 50 MCF incr. to 115 MCF Rec. 245' GCM IFP: 32-32# ISIP: 2045# FFP: 32-62# FSIP: 2045#			Morrow Shale	5774 (-3144)
			Morrow "A" Sd.	5780 (-3150)
			Morrow "B" Sd.	5802 (-3172)
			Morrow "C" Sd.	5844 (-3214)
			Miss. Chester	5862 (-3232)
			LTD	5958 (-3328)

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

Date Received	
	Signature
	Attorney-in-Fact
	Title
	October 30, 1981
	Date