

Geological Survey WICHITA, BRANCH

KANSAS DRILLERS LOG

IMPORTANT
Kans. Geo. Survey request
samples on this well.

API No. 15 — 119 — 20,204
County Number

Operator
Imperial Oil Co.

Address
720 Fourth Financial Center, Wichita, Kansas 67202

Well No. 1-14 Lease Name Sanders Ranch

Footage Location
660 feet from ~~N~~ (S) line 1320 feet from ~~E~~ (W) line

Principal Contractor Sage Drilling Company Geologist Richard Roby

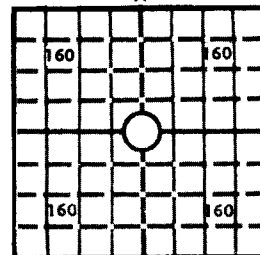
Spud Date 5-20-75 Total Depth 5720 P.B.T.D.

Date Completed 8-15-75 Oil Purchaser Permian

S. 14 T.32 R. 29W^E
S/2 SW

Loc. Meade

County 640 Acres N



Elev.: Gr. 2630

DF 2638 KB 2641

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		8 5/8"	23	1452	Halcolite Common	650 200	2% Cacl. 3% Cacl.
Production		5 1/2"	17	5716		125	18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3		5644-56
			3		5584-89, 5574-78

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
50 gal. A; 1000 Gal. 15% MCA, 10,000 22% A Set plug @ 5620	5644-56
500 gal 15% MCA; Frac 25,000 Gal. oil & 10,000 20/40 sd.	5584-89; 5574-78

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)		
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)	

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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. 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 Imperial Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1-14	Lease Name Sanders Ranch	Dry Hole
S <u>14</u> T <u>32</u> R <u>29</u> ^{NE} W		

WELL LOG

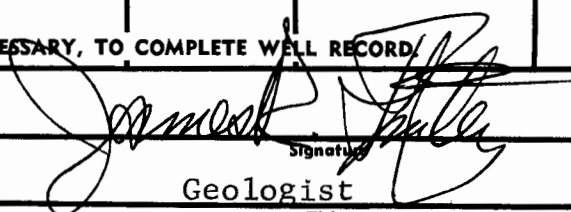
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1 5529-54 (Atoka) 30-60-30-60 Rec'd 10' Mud CIP: 246# - 161# FP: 42# - 50# 53# - 53# BHT: 128°			Heebner Toronto Lansing Marmaton Cherokee Atoka Morrow Chester RTD	4379 4400 4514 5118 5282 5512 5569 5582 5720
DST #2 5568-5625 (Morrow-Chester) 60-120-180-120 Rec'd 180' HGCM IF SB FF GTS 1 min. Ga. 8,950 CF/10 min. and stab. CIP: 1214# - 1411# FP: 52# - 103# 49# - 90# BHT: 130°				
DST #3 5628-5688 (Chester) 60-120-180-120 Rec'd 90' HGCM GTS in 150' 2nd Opening TSTM CIP: 1553# - 1842# FP: 58# - 63# 54# - 75#				

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





Geologist

August 14, 1975

Date

SANDERS RANCH NO. 1-14

15-119-20204

CASING RECORD:	OPERATOR: Imperial Oil Company	DESCRIPTION:
3-5/8" set @ 1452'	CONTRACTOR: Sage Drilling Co.	C S/2 SW
w/850 sax cement	COMMENCED: May 20, 1975	Sec. 14-32S-29W
TOTAL DEPTH:	COMPLETED: June 4, 1975	Meade Co., Kansas
5720'		ELEVATION: 2641KB

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Sand & Red Bed	0	880	
Sand	880	1416	
Anhydrite & Shale	1416	1548	
Red Bed & Shells	1548	2180	
Shale & Anhydrite	2180	2630	
Anhydrite, Shale & Lime	2630	2825	
Shale & Lime	2825	2975	
Lime & Shale	2975	5625	
Lime	5625	5688	
Lime & Shale	5688	5720	5½" set @ 5716' w/125 sax Pozmix



I certify that this is a true and correct copy of the above log to the best of my knowledge.

SAGE DRILLING CO., INC.

T. M. McCaul, Jr.

By _____
T. M. McCaul, Jr.



Subscribed and sworn to before me this 11th day of June, 1975.

Louise K. Whitted
Louise K. Whitted - Notary Public

My commission expires:
November 26, 1978.