

State Geological Survey WICHITA, BRANCH

KANSAS DRILLERS LOG

API No. 15 — 065 — 20,604
County Number

Operator

Sun Oil Company

Address Box 1798
Denver, Colorado

Well No.

#4

Lease Name

Davignon

Footage Location

1647.79 feet from (N) (X) line 330' feet from (E) (X) line

Principal Contractor
Garvey Drilling Co.
Box 1161 Great Bend, Kans.

Geologist Francis Whisler
308 Main St., Russell, Kans.

Spud Date

April 24, 1973

Total Depth

3850'

P.B.T.D.

3827'

Date Completed

April 11, 1973

Oil Purchaser

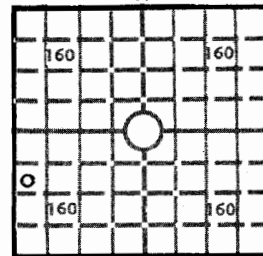
Mobil Oil Corp.

S. 11 T. 9 R. 21^W

Loc. SW NW SW

County Graham

640 Acres
N



Locate well correctly

Elev.: Gr. 2256'

DF 2261' KB 2264'

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#	285'	Halliburton	175	50/50 Pozmix A 3% CACL
Production	7-7/8"	5-1/2"	14#	3847'	Halliburton	150	Class A 3/4% CFR-2 10% Salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
-	-	-

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2	.3" Jet	3742' - 3748'

TUBING RECORD

Size	Setting depth	Packer set at
2-7/8"	3761'	-

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized W/500 gals. 28% Super-X Acid	3742' - 3748'

INITIAL PRODUCTION

Date of first production April 12, 1973		Producing method (flowing, pumping, gas lift, etc.) Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil 170 bbls.	Gas TSTM MCF	Water None bbls.	Gas-oil ratio - CFPB	
Disposition of gas (vented, used on lease or sold) Used on Lease			Producing interval(s) 3742' - 3748		

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 Sun Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 4	Lease Name Davignon	Oil
S 11 T 9S R 21 W Graham County, Kansas		

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
Sand & Shale	0'	3212'	Topeka Line	3182'
Lime	3212'	3733'	Heebner Shale	3390'
Dolomite	3733'	3742'	Toronto Lime	3413'
Dolomite, buff, fine to coarse crystalline, porous, with increase of oil stain and saturation. White and tan vitreous chert.	3742	3750	Lansing-Kans. City	3430'
			Base of Kans. City	3648
			Arbuckle Dol.	3733'
Dolomite	3750'	3788'		
Shale	3788'	3792'		
Dolomite	3792'	3850'		

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



 Signature	
Dist. Manager	
Title	
5-17-73	
Date	