

O: KCC ERN AJM
C: KGS CJP File
CBS WBH

15-189-20463
15-34-37W

KANSAS DRILLERS LOG

REVISED

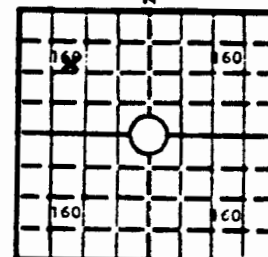
API No. 15 — 189 — 20463
County Number

S. 15 T. 34S R. 37 K
W

Loc. NW 4

County Stevens

640 Acres
N



Locate well correctly

Elev.: Gr. 3149

DF KB 3154

Operator
Mobil Oil Corporation

Address
P.O. Box 5444, Denver, CO 80217

Well No. 2 Lease Name W. B. CRAWFORD #1 UNIT

Footage Location
1250 feet from (N) line 1250' feet from (W) line

Principal Contractor Earl F. Wakefield, Inc. Geologist P. B. Nichols

Spud Date 7/28/79 Total Depth 3170' P.B.T.D. 3150

Date Completed 8/15/79 Oil/Purchaser Gas Northern Natural Gas Co.

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 Casing	12 1/4"	8-5/8"	24#	780'	CL. H. Reg.	150	12% Gel + 3% CACL ₂
Production Casing	7-7/8"	5 1/2"	14#	3170'	CL. H. Reg.	500	1/4# SK. FLOCELL
					CL. H. Reg.	150	18% Salt + 3/4% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		3037-3044
			2		3047-3053
Size 2-3/8"	Setting depth 3081	Packer set at	2		3058-3070

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1250 GALS. 15% HCL. 50,000 GALS WTR. + 100,000# 20-40 SAND	3044-3070
+ 12 1/2#/1000 GALS. WG-6 + 1 GAL/1000 HOWCO SUDS	

INITIAL PRODUCTION

Date of first production 10/3/79 Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS Oil Gas 2,600 MCF Water Gas-oil ratio CFPS

Disposition of gas (vented, used on lease or sold) SOLD Producing interval (s) 3044-3070

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

Operator MOBIL OIL CORPORATION		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 2	Lease Name W. B. CRAWFORD UNIT #1	Gas
S <u>15</u> T <u>34S</u> R <u>37</u> ^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
Sand & Clay	0	640	CIMARRON	1714
Red Bed & Gypsum	640	780	CHASE	2664
Red Bed	780	840	COUNCIL GROVE	3024
Red Bed & Gypsum	840	1225		
Sand	1225	1420		
Shale & Anhydrite Streaks	1420	1570		
Shale, Sand & Gypsum	1570	1767		
Anhydrites	1767	1783		
Shale-Shells	1783	1855		
Red Bed & Shale	1855	2070		
Shale & Lime	2070	2320		
Shale & Shells	2320	2520		
Shale & Lime	2520	2795		
Shale & Shells	2795	2940		
Lime & Shale	2940	3060		
Lime	3060	3170		

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

Date Received	<i>C. J. Park</i>	C. J. Park
	Signature	
	Producing Accounting Supervisor	
	Title	
	OCT 8 1979	Date

2. 30-3100

KANSAS DRILLER'S LOG

15-34-37W
State Geological Survey
WICHITA, BRANCH

LEASE: W.B. CRAWFORD #1 UNIT #2
OWNER: MOBIL OIL CORPORATION
CONT: EARL F. WAKEFIELD, INC.
SPUD: 7-28-79
COMP: 8-2-79

LOCATION: NW/4
SECTION 15-34S-37W
STEVENS COUNTY, KANSAS
CASING: 8 5/8" SET @ 780'
5 1/2" SET @ 3170'

Sand & Clay	640
Red Bed & Gyp	780
Red Bed	840
Red Bed & Gyp	1225
Sand	1420
Shale & Anhydrite Streaks	1570
Shale, Sand & Gyp	1767
Anhydrite	1783
Shale - Shells	1855
Red Bed & Shale	2070
Shale & Lime	2320
Shale & Shells	2520
Shale & Lime	2795
Shale & Shells	2940
Lime & Shale	3060
Lime	3170
R.T.D.	3170

RECEIVED
STATE CORPORATION COMMISSION

AUG 27 1979

CONSERVATION DIVISION
Wichita, Kansas