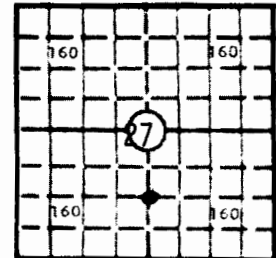


## KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOGAPI No. 15 — 055 — 20459  
County NumberState Geological Survey  
WICHITA, BRANCHS. 27 T. 25S R. 34 <sup>XX</sup>  
W

Loc. SW/4

County Finney

640 Acres  
N

Elev.: Gr. 2960

DF. KB 2968

Operator  
Mobil Oil CorporationAddress  
P.O. Box 5444 Denver, CO 80217

Well No. 12 Lease Name Brown No. 11

Footage Location  
1250 feet from (X) (S) line 2540 feet from (X) (W) line

Principal Contractor Wakefield Drilling Geologist V. C. Andresen

Spud Date 4-9-81 Date Completed 5-8-81 Total Depth 2985' P.B.T.D. 2965'

Directional Deviation Oil and/or Gas Purchaser Northern Natural Gas

## 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 $\frac{1}{4}$ "	8-5/8"	24#	861'	Class H Reg	150	12% gel + 3% CaCl <sub>2</sub>
					Class H Reg	150	3% CaCl <sub>2</sub>
production casing	7-7/8"	5 $\frac{1}{2}$ "	14#	2976'	HOWCO LITE	500	
					Class H Reg	150	

## LINER RECORD

## PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		2796-2798
			2		2808-2810
			2		2814-2828

## TUBING RECORD

Size	Setting depth	Packer set at			
2-3/8"	2869'		2		2837-2840

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
4000 gals MOD 202 acid, 75 balls	2796-2840
42,000 gals FW gel, 126000# of 20-40 sand	

## INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
awaiting connections	pumping
RATE OF PRODUCTION PER 24 HOURS	Oil Gas Water Gas-oil ratio
	bbls. NA 5/13/81 MCF bbls. CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s)
awaiting connections	

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 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,  
gas  
DRY HOLE, SWDW, ETC.:

Well No. 12

Lease Name Brown No. 11

S 27 T 25S R 34 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		75	Stone Corral	1817
Sand, Clay & Blue Shale		805		
Red Bed		900	Chase	2478
Red Bed & Gyp		1405		
Sand		1515	Council Grove	2776
Shale & Gyp		1830		
Anhydrite & Shale w/lime streaks		2080		
Shale				

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

Date Received

C. J. PARK

Signature

PRODUCING ACCOUNTING SUPERVISOR

Title

5-13-81

Date

27-25-34W

21

KANSAS DRILLER'S LOG

*State Geological Survey*  
WICHITA BRANCH

LEASE: BROWN No. 11 FARM NO. 12  
OWNER: MOBIL OIL CORPORATION  
SPUD: 4-09-81  
COMP: 4-12-81

LOCATION: SW/4  
SECTION 27-25S-34W  
FINNEY COUNTY, KANSAS  
CASING: 8 5/8" SET @ 861'  
5 1/2" SET @ 2980'

Sand	75
Sand, Clay & Blue Shale	805
Red Bed	900
Red Bed & Gyp	1405
Sand	1515
Shale & Gyp	1830
Anhydrite & Shale W/Lime Streaks	2080
Shale & Lime	2565
Lime	2770
Lime & Shale	2975
Lime	2980
R.T.D.	2980

STATE OF KANSAS )  
 ) ss.  
COUNTY OF SEDGWICK )

I, William C. Wakefield, do hereby certify that this is a true and correct Driller's Log on the BROWN No. 11 FARM No. 12, located SW/4 Section 27-25S-34W, Finney County, Kansas, as shown by the daily drilling reports.

EARL F. WAKEFIELD, INC.

*11.11.81*