

WELL COMPLETION REPORT AND
DRILLER'S LOG

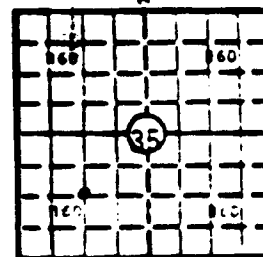
API No. 15 — 093 — 20,715
County Number

S. * 34 T. 25 R. 35 X
W

Loc. C SW/4

County Kearny

640 Acres
N



Locate well correctly

Elev.: Gr. 2994

SP KB 3002

Operator
Mobil Oil Corporation

Address
P.O. Box 5444 Denver, CO 80217

Well No. 2 Lease Name O. M. Akers UT

Footage Location
2480 East from (N) (S) line 2300 East from (E) (W) line

Principal Contractor Wakefield Drilling Co. Geologist V. C. Andresen

Start Date 12-10-80 Date Completed 1-5-81 Total Depth 3000 P.S.T.D. 2980

Directional Deviation Oil and/or Gas Purchaser Cities Service

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 additive
Surface casing	12½"	8-5/8"	24#	824'	Class H Reg	200	12% gel + 3% CaCl ₂
Production Casing	7-7/8"	5½"	14#	3000	Howco Lite Class H Reg	500	1/2# / SK Floccite
						150	18% NaCl + .75% CFR2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type
			2	2819-2820
			2	2827-2829
			2	2833-2836
			2	2839-2843
			2	2848-2857
			2	2859-2861

TUBING RECORD

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
4000 gals MOD 202 acid + additives + 75 ball sealers	2819-2861
54,000 gals of fresh gel H ₂ O + additives + 162,000# of 20-40	
frac sand	

INITIAL PRODUCTION

Date of first production awaiting connection Producing method (flowing, pumping, gas lift, etc.) pumping

DATE OF PRODUCTION PER 24 HOURS 24 HOURS Gas 1200 bbls. N/A 4/7/81 MCF Water Gas-oil ratio 2819-2861

Disposition of gas (vented, used on lease or sold) awaiting connections gas from letter from mobil Oil Corp 9-25-1981

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Driller's 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. Driller's Logs will be an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Mobil Oil Corporation

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWD, ETC.

Gas

Well No.

2

Lessee Name

O. M. Akers UT

* 34 T 25 R 35 W

WELL LOG

Show all important sands of porosity and contents thereof; cased 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	200	Stone Corral	1834
Sand & Blue Shale	200	783		
Red Bed	783	824	Chase	2517
Red Bed & Gyp	824	1440		
Sand	1440	1627	Council Grove	2811
Shale w/anhydrite streaks	1627	1705		
Shale & Anhydrite	1705	2290		
Shale & Lime	2290	2520		
Lime & Shale	2520	3000		
R.T.D.		3000		

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

Date Received

C. J. PARK

Signature

PRODUCING ACCOUNTING SUPERVISOR

Title

4-15-81

Date

LBILES

**WELL COMPLETION REPORT AND
DRILLER'S LOG**

API No. 15 — 093 — 20,715
County Number

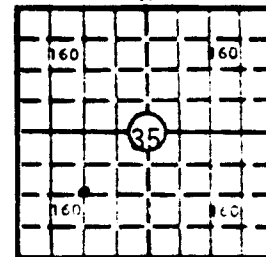
State Geological Survey
WICHITA BRANCH

S. 35 T. 25 R. 35 E
W

Loc. C SW/4

County Kearny

640 Acres
N



Locate well correctly

Elev.: Gr. 2994

DF KB 3002

Operator Mobil Oil Corporation			
Address P.O. Box 5444 Denver, CO 80217			
Well No. 2	Lease Name O. M. Akers UT		
Footage Location *2480 feet from (N) (S) line 2300 feet from (E) (W) line			
Principal Contractor Wakefield Drilling Co.		Geologist V. C. Andresen	
Spud Date 12-10-80	Date Completed 1-5-81	Total Depth 3000	P.B.T.D. 2980
Directional Deviation		Oil and/or Gas Purchaser Cities Service	

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#	824'	Class H Reg	200	12% gel + 3% CaCl ₂
Production Casing	7-7/8"	5 1/2"	14#	3000	Howco Lite Class H Reg	500	1/4#/SK Floccul + 18% NaCl + .75% CFR2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		2819-2820
			2		2827-2829
			2		2833-2836
			2		2839-2843
			2		2848-2857
			2		2859-2861

TUBING RECORD

Size	Setting depth	Pecker set at	Shots per ft.	Size & type	Depth interval
2-3/8"	2877		2		2848-2857
			2		2859-2861

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
4000 gals MOD 202 acid + additives + 75 ball sealers	2819-2861
54,000 gals of fresh gel H ₂ O + additives + 162,000# of 20-40 frac sand	

INITIAL PRODUCTION

Date of first production awaiting connection		Producing method (flowing, pumping, gas lift, etc.) pumping	
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas N/A 4/7/81 MCF	Water bbls.
Disposition of gas (vented, used on lease or sold) awaiting connections		Producing interval(s) 2819-2861	

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, DRY HOLE, SWDW, ETC.: Gas
Well No. 2	Lease Name O. M. Akers UT	
35 T 25 R 35 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	200	Stone Corral	1834
Sand & Blue Shale	200	783		
Red Bed	783	824		
Red Bed & Gyp	824	1440	Chase	2517
Sand	1440	1627	Council Grove	2811
Shale w/anhydrite streaks	1627	1705		
Shale & Anhydrite	1705	2290		
Shale & Lime	2290	2520		
Lime & Shale	2520	3000		
R.T.D.		3000		

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

Date Received		C.J. PARK
		Signature
		PRODUCING ACCOUNTING SUPERVISOR
		Title
		4-7-81
		Date

LBILCS

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217

September 25, 1981

Kansas State Corporation Commission
Conservation Division
200 Colorado Derby Bldg.
202 West First Street
Wichita, Kansas 67202

Attn: Allaweas Winfrey

Gentlemen:

As stated in our letter dated June 2, 1981, we are forwarding to you Four Point Flow Potential Test results for the Kansas gas wells listed below. Kansas C-10 Completion reports were submitted for these wells at an earlier date, however, the test results were not available to us in enough time to comply with KCC Rule 82-2-125.

<u>Lease Name</u>	<u>Well #</u>	<u>S-T-R</u>	<u>Test Results</u>
O. M. Akers Unit	2	³⁴ 35-25S-35W	1200 mcf
— Brown 15 Unit	16	29-25S-34W	3120 "
Brown 19 Unit	20	31-25S-34W	1840 "
C. A. Loucks Unit B	2	28-25S-35W	1030 "
Tate Holdridge Unit	2	21-25S-35W	1480 "
Tate White Unit	2	27-25S-35W	810 "
Ward Tate Unit	2	33-25S-35W	1030 "
Mann #1 Unit	2	1-33S-36W	2300 "

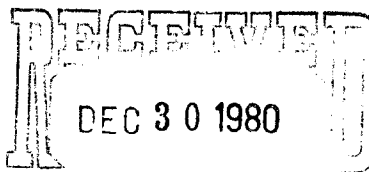
KANSAS DRILLER'S LOG

State Geological Survey

LEASE: O. M. AKERS UNIT #2
OWNER: MOBIL OIL CORPORATION
SPUD: 12-10-80
COMP: 12-14-80

LOCATION: SW/4
SECTION 34-25S-35W
KEARNY COUNTY, KANSAS
CASING: 8 5/8" Set @ 824'
5 1/2" Set @ 3000'

Sand & Clay	200
Sand & Blue Shale	783
Red Bed	824
Red Bed & Gyp	1440
Sand	1627
Shale W/Anhydrite Streaks	1705
Shale & Anhydrite	2290
Shale & Lime	2520
Lime & Shale	3000
R.T.D.	3000



STATE OF KANSAS ss.

PAYABLES
DENVER, COLO

I, William C. Wakefield, do hereby certify that this is a true and correct Driller's Log on the O.M. AKERS UNIT #2, located in the SW/4 of Section 34-25S-35W, Kearny County, Kansas, as shown by the daily drilling reports.

EARL F. WAKEFIELD, INC.

BY

William C. Wakefield

Subscribed and Sworn to before me this 18th Day of December, 1980.