

WELL COMPLETION REPORT AND DRILLER'S LOG

KANSAS
State Geological Survey
WICHITA BRANCH

API No. 15 — 189 — 20,539
County Number

Operator
Mobil Oil Corporation

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

Well No. 2 Lease Name
Combes #1B

Footage Location
2250 feet from (X) (S) line 1250 feet from (X) (W) line

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

Spud Date Date Completed Total Depth P.B.T.D.
5/22/81 6/30/81 3100' 3085'

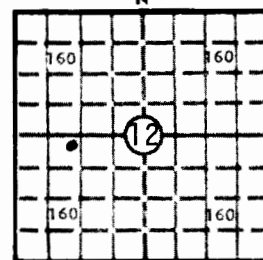
Directional Deviation Oil and/or Gas Purchaser
1° @ 1709'; 1° @ 2399' Northern Natural Gas

S. 12 T. 32S R. 35 E W

Loc. N/2 N/2 SW/4

County Stevens

640 Acres
N



Locate well correctly

Elev.: Gr. 2941'

DF KB 2949'

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#	572'	Class H	300	
Prod. casing	7-7/8"	5-1/2"	14#	3100'	Howcolite Class H	500 150	1/4#/sk FloceTe 18% NaCl + .75%CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		2898-2902
			2		2905-2910
			2		2917-2920
			2		2922-2936
			2		2938-2940
			2		2941-2947

TUBING RECORD

Size	Setting depth	Packer set at			
2-3/8"	2978'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
5500 gals. MOD 202 acid + additives + 100 ball sealers;	2898-2947
100,000 gals. gelled water + additives + 204,000#	
R20-40 sand @ 2#/gal.	

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.	N/A 7/15/81 MCF		bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
Awaiting connections			2898-2947		

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
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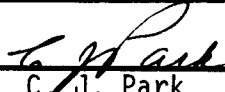
Well No. 2	Lease Name Combes No. 1B	
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S <u>12</u> T <u>32</u> S <u>R 35</u> ~~W~~ ^X _W	
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WELL LOG Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, 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.
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FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand	0	200	STONE CORRAL	1654
Sand & Clay	200	450	CHASE	2549
Red Bed	450	1075	COUNCIL GROVE	2883
Red Bed & Gyp	1075	1210		
Sand	1210	1375		
Shale & Gyp	1375	1709		
Anhydrite & Shale	1709	1870		
Shale & Lime	1870	2570		
Lime & Shale	2570	3100		
R.T.D.		3100		

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

Date Received	 C. J. Park Producing Accounting Supervisor 7-15-81
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KANSAS DRILLER'S LOG

State Geological Survey
WICHITA BRANCH

LEASE: COMBES NO. 1 B UNIT NO. 2
 OWNER: MOBIL OIL CORPORATION
 SPUD: 5-22-81
 COMP: 5-28-81

LOCATION: N/2 N/2 SW/4
 SECTION 12-32S-35W
 STEVENS COUNTY, KANSAS
 CASING: 8 5/8" SET @ 572'
 5 1/2" SET @ 3100'

Sand	200
Sand & Clay	450
Red Bed	1075
Red Bed & Gyp	1210
Sand	1375
Shale & Gyp	1709
Anhydrite & Shale	1870
Shale & Lime	2570
Lime & Shale	3100
R.T.D.	3100

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 COMBES NO. 1B UNIT NO. 2, located N/2 N/2 SW/4, Section
 12-32S-35W, Stevens County, Kansas, as shown by the daily drilling reports.

EARL F. WAKEFIELD, INC.

BY William C. Wakefield
 William C. Wakefield

Subscribed and Sworn to before me this 10th Day of June, 1981.

RECEIVED
 STATE CORPORATION COMMISSION
 JUN 21 1981
 CONSERVATION DIVISION
 Wichita, Kansas