

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 189 — 20503
County Number

Operator

Mobil Oil Corporation

Address

P.O. Box 5444 Denver, CO 80217

Well No.

2

Lease Name

Phifer No. 1 Unit

Footage Location

1250

feet from (N) (S) line

2550

feet from (E) (W) line

Principal Contractor

Earl F. Wakefield

Geologist

Dave Gary

Spud Date

5-14-80

Date Completed

6-18-80

Total Depth

3210

P.B.T.D.

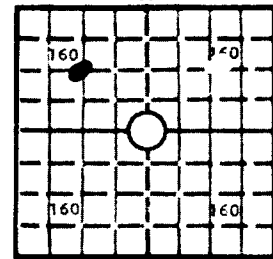
3190

Directional Deviation

Oil and/or Gas Purchaser

Northern Natural Gas

County Stevens

640 Acres
N

Locate well correctly

Elev.: Gr. 3139

DF KB 3144

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#	763'	Class H Reg	150	12% gel + 3% CaCl ₂
Production casing	7-7/8"	5 $\frac{1}{2}$ "	14#	3210'	Class H Reg	150	3% CaCl ₂
					HOWCO LITE	500	1/4# sk Flocele
					Class H Reg	150	18% salt + .75% CFR ₂

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
					3013-3064
TUBING RECORD					
Size	Setting depth	Packer set at			
2-3/8"	3098				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
5500 gal of MOD 202 15% + 68000 gal fr. water	3013-3064
204000# of 20-40 frac sand	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
8/21/80		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	1600	MCF	bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
Sold			3013-3064		

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

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

Well No.

2

Lease Name

Phifer No. 1 Unit

Gas

S 33 T 34 R 37 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, Gyp Blue Shale

0

640

Red Bed

640

1000

Red Bed & Gyp

1000

1235

Stone Corral

1680

Sand

1235

1390

Shale & Gyp

1390

1680

Chase

2659

Shale & Gyp

1680

1737

Anhydrite

1737

1753

Council Grove

3005

Shale & Shells

1753

1890

Shale

1890

2120

Shale & Lime streaks

2120

2415

Shale & Lime

2415

2720

Lime

2720

2855

Shale, Shells

2855

2970

Lime & Shale

2970

3075

Lime

3075

3210

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

Date Received

C. J. Park

C. J. PARK

Signature

PRODUCING ACCOUNTING SUPERVISOR

Title

10-17-80

Date

33-34-2100

33-34-37W

KANSAS DRILLER'S LOG

State Geological Survey
~~BRANCH~~

LEASE: PHIFER No. 1 UNIT #2
 OWNER: MOBIL OIL CORPORATION
 CONT: EARL F. WAKEFIELD, INC.
 SPUD 5-14-80
 COMP: 5-19-80

LOCATION: NW/4
 SECTION 33-34S-37W
 STEVENS COUNTY, KANSAS
 CASING: 8 5/8" SET @ 763'
 5 1/2" SET @ 3210'

Sand, Clay, Gyp, Blue Shale	640
Red Bed	1000
Red Bed & Gyp	1235
Sand	1390
Shale & Gyp	1680
Shale & Gyp	1737
Anhydrite	1753
Shale & Shells	1890
Shale	2120
Shale & Lime Streaks	2415
Shale & Lime	2720
Lime	2855
Shale, Shells	2970
Lime & Shale	3075
Lime	3210
R.T.D.	3210

RECEIVED
 STATE GEOLOGICAL SURVEY
 JUN - 8 1981
 CONSERVATION DIVISION
 Topeka, Kansas

STATE OF KANSAS)
) ss.
 COUNTY OF SEDGWICK)

I, William C. Wakefield, do hereby certify that this is a true and correct log
 on the PHIFER No. 1 UNIT #2, located NW/4 SECTION 33-34S-37W, STEVENS COUNTY,