

SIDE ONE

(Rules 82-3-130 and 82-3-107)

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F Letter requesting confidentiality attached.

C Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run _____.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 5208 EXPIRATION DATE 6/30/83

OPERATOR Mobil Oil Corporation API NO. 15-055-20,522-0000

ADDRESS P. O. Box 5444 COUNTY Finney

Denver, CO 80217 FIELD Panoma

** CONTACT PERSON C. J. Park, Prod. Acctg. Supv. PROD. FORMATION Council Grove
PHONE 303/572-2696

PURCHASER Northern Natural Gas Company LEASE Brown No. 14 Farm

ADDRESS 2223 Dodge Street WELL NO. 15

Omaha, Nebraska 68102 WELL LOCATION NW/4

DRILLING CONTRACTOR Earl F. Wakefield, Inc. 2610 Ft. from North Line and

ADDRESS 300 W. Douglas, Suite 500 2340 Ft. from West Line of

Wichita, Kansas 67202 the NW/4(Qtr.) SEC 28 TWP 24 RGE 34W(W).

PLUGGING CONTRACTOR _____

ADDRESS _____

TOTAL DEPTH 2960' PBD 2934'

SPUD DATE 2/11/83 DATE COMPLETED 5/31/83

ELEV: GR 2943 DF _____ KB 2951

DRILLED WITH (~~CABLE~~) (~~ROTARY~~) (~~AND~~) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE 136,845-C (G-20,284)

Amount of surface pipe set and cemented 886' DV Tool Used? No

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion _____. Other completion _____. NGPA filing _____.

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

C. J. Park, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

C. J. Park
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 15th day of June, 1983.

RECEIVED
STATE CORPORATION COMMISSION
(NOTARY PUBLIC)
JUN 20 1983

MY COMMISSION EXPIRES: Nov. 12, 1985

** The person who can be reached by phone regarding any questions concerning this information.

SIDE TWO

OPERATOR Mobil Oil Corporation

LEASE Brown #14 Farm SEC. 28

ACO-1 WELL HISTORY

TWP. 24S

RGE. 34W

(W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 15

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
<input checked="" type="checkbox"/> Check if no Drill Stem Tests Run.				
<input type="checkbox"/> Check if samples sent to Geological Survey				
Sand & Clay	0	104	Chase	2461
Sand, Clay, Gyp & Shale	104	780	Council Grove	2736
Sand, Clay, Gyp	780	880		
Red Bed	880	1015		
Shale	1015	1400		
Sand	1400	1525		
Shale & Gyp	1525	1878		
Anhydrite	1878	1900		
Shale & Gyp	1900	1970		
Shale - Gyp	1970	2155		
Shale & Lime	2155	2340		
Lime & Shale	2340	2535		
Lime - Shale	2535	2695		
Shale & Lime	2695	2910		
Lime & Shale	2910	2960		
R.T.D.	2960	2960		

If additional space is needed use Page 2,

Report of all strings set— surface, intermediate, production, etc. CASING RECORD (New) or (Used)

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	12 1/4"	8 5/8"	24#	886'	Class H Class H	180 125	12% gel & 3% CaCl ₂ 3% CaCl ₂
Production	7 7/8"	5 1/2"	14#	2960'	65-35 p. Class H	470 125	6% gel + 3% celophane 8% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 shots/ft.		2736-2744, 2746-2759
					2768-2770, 2773-2776
					2780-2782, 2784-2796
					2812-2816

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	2801	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
For description of acid/frac procedures, see attached sheet.	2736-2816

Date of first production Awaiting pipeline connection	Producing method (flowing, pumping, gas lift, etc.) -	Gravity Awaiting connection
Estimated Production -I.P. -	Oil -	Gas -
Disposition of gas (vented, used on lease or sold) Awaiting pipeline connection	Water %	Gas-oil ratio -
	Perforations 2736-2816	

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Mobil Oil Corporation LEASE NAME Brown #14 Farm SEC. 28 TWP. 24 RGE. 34W (W)

FILL IN WELL LOG AS REQUIRED: WELL NO. 15

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cuttings used, times 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
<p>Acid/frac procedures used:</p> <p>Rigged up Halliburton and acidized well as follows: pump 12 bbls. acid at 12 bbls. PMR, pump 81 bbls. gel water at 20 bbls. PMR, pump 127 bbls. acid at 12 bbls. PMR, dropping 117 ball sealers throughout, pump 81 bbls. gel water flush at 20 bbls. PMR. Balled off completely. Max Press. 1800#, min. press. 250#, ISIP - vac. Go in w/swb. and knock balls off. Rigged up and frac'd. well as follows: pump 100 bbls. pad at 120 bbls. PMR, pump 185 bbls. w/3# 20-40 sd/gal. at 120 bbls. rate, flush 100 bbls. water at 120 bbls. PMR. Total sand 234,220#. Max press. 1050#, min. press. 650#, avg. pressure 650#. ISIP 250# on vac in 4 (four) minutes. Install orbit valve.</p>				

RECEIVED
STATE CORPORATION COMMISSION

JUN 20 1983

CONSERVATION DIVISION
Wichita, Kansas