

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.

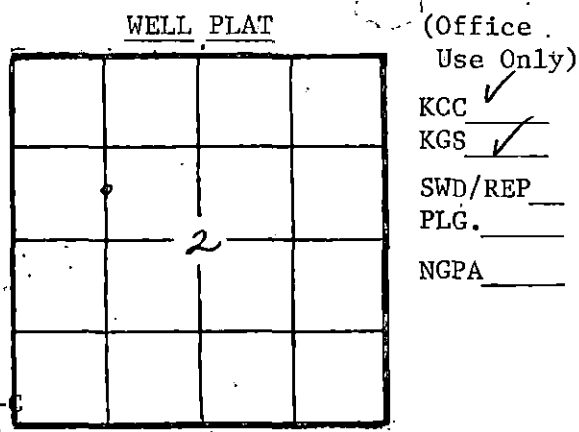
LICENSE # 5208 EXPIRATION DATE 6/30/83
OPERATOR Mobil Oil Corporation API NO. 15-189-20,617-00-00
ADDRESS P. O. Box 5444 Denver, Colorado 80217 COUNTY Stevens FIELD Panoma

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

PURCHASER Northern Natural Gas Company LEASE Lightcap #3 Unit
ADDRESS 2223 Dodge Street WELLS NO. 4
Omaha, Nebraska 68102

DRILLING CONTRACTOR EARL F. WAKEFIELD, INC. 1980 Ft. from North Line and
ADDRESS 300 West Douglas, Suite 500 1320 Ft. from West Line of
Wichita, Kansas 67202 the NW/4 (Qtr.) SEC 2 TWP. 33S RGE 36E (W).

PLUGGING CONTRACTOR ADDRESS



TOTAL DEPTH 3130' PBD 3112'
SPUD DATE 12/09/82 DATE COMPLETED 1/3/83
ELEV: GR 3024' DF KB 3032'

DRILLED WITH (CABLE) (ROTARY) (MIX) TOOLS.
DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD-82,408-C (C-13,821)

Amount of surface pipe set and cemented 620' 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

W.R. Ross, 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.

W.R. Ross (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 26 day of May, 1983.

Judith A. Olsen (NOTARY PUBLIC) STATE CORPORATION COMMISSION

MY COMMISSION EXPIRES: 11-28-84

MAY 31 1983 CONSERVATION DIVISION Wichita, Kansas

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

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR

Mobil Oil Corporation

LEASE Lightcap #3 Unit SEC. 2

TWP. 33 RGE. 36W (W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 4

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
Check if no Drill Stem Tests Run.				
Check if samples sent to Geological Survey				
Surface Sand - Clay	0	540	Stone Corral	1698
Red Bed	540	1050	Chase	2595
Shale	1050	1240	Winfield	2702
Sand	1240	1420	Council Grove	2942
Shale & Gyp	1420	1743		
Anhydrite	1743	1764		
Shale & Gyp	1764	1980		
Shale	1980	2265		
Shale & Lime	2265	2450		
Lime & Shale	2450	3130		
R.T.D.	3130			

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#	620'	Class H	130	3% CaCl ₂ + 12% gel
					Class H	125	3% CaCl ₂
Production	7 7/8"	5 1/2"	14#	3130'*	Class H	500	65/35 poz + 6% gel + 1/4# cellophane
					Class H	125	8% salt + 2% D-46

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 shots/ft.		2952-2958
					2970-2974
					2976-2982
					2984-2988

TUBING RECORD

Size	Setting depth	Packer set at	Depth interval
			2976-2982
			2984-2988

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
	2991-2993
	3016-3022
	3027-3035

Pump 129 bbls. acid + 86 bbls. gel water, dropping 108 ball sealers balled off, pump 186 bbls. gel water + 1714 bbl. gel water 2/3# of 20-40 sand/gal., flush w/100 bbls. gel water.

Date of first production _____ Producing method (flowing, pumping, gas lift, etc.) Gravity _____

Estimated pipeline connection Pumping _____ Water % _____ Gas-oil ratio _____
 Production I.P. _____ bbls. MCF _____ bbls. CFPB _____

Disposition of gas (vented, used on lease or sold) N/A 1/25/83 Perforations

Awaiting pipeline connection 2952/3035*