

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 6878 EXPIRATION DATE 6/30/83

OPERATOR Northern Natural Gas Prod. Company for API NO. 15-189-20595-0000

ADDRESS P. O. Box 5444 Mobil Oil Corporation COUNTY Stevens

Denver, CO 80217 FIELD Panoma

** CONTACT PERSON C. J. Park, Producing Acctg. Supv. PROD. FORMATION Council Grove

PHONE 303/572-2696

PURCHASER Northern Natural Gas Company LEASE McGill #1-A Unit

ADDRESS 2223 Dodge Street WELL NO. 2

Omaha, Nebraska 68102 WELL LOCATION SW SW

DRILLING EARL F. Wakefield, Inc. 1250 Ft. from South Line and

CONTRACTOR CONTRACTOR 1250 Ft. from West Line of

ADDRESS 300 West Douglas, Suite 500 the SW (Qtr.) SEC 13 TWP 32 RGE 36W.

Wichita, Kansas 67202

PLUGGING - WELL PLAT (Office Use Only)

CONTRACTOR CONTRACTOR

ADDRESS ADDRESS

TOTAL DEPTH 3180' PBD 3165'

SPUD DATE 9/21/82 DATE COMPLETED 10/20/82

ELEV: GR 3046' DF KB 3054'

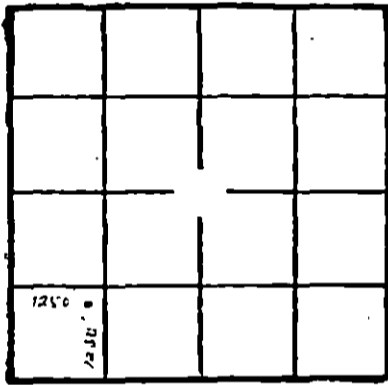
DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE 134, 198-C (C-20103)

Amount of surface pipe set and cemented 747' DV Tool Used? No

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other

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



(Office Use Only) KCC [checked] KGS [checked] SWD/REP PLG.

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 2nd day of December, 1982.

Judith A. Olsen (NOTARY PUBLIC)

MY COMMISSION EXPIRES: 11-28-84

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

82-1295

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Northern Natural Gas Co. LEASE McGill #1-A Ut. 2 SEC. 13 TWP, 32SRGE, 36W

FILL IN WELL LOG AS REQUIRED:

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

Show all important zones of porosity and contents thereof; core intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing-and-shut-in pressures, and recoveries.				
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface Sand - Clay	0	650	Stone Coral	1742
Red Bed	650	1070	Chase	2611
Shale	1070	1260	Winfield	2715
Sand	1260	1460	Council Grove	2951
Shale	1460	1475		
Shale & Gyp (Anhydrite @ 1796')	1475	1995		
Shale	1995	2435		
Shale & Lime	2435	2670		
Lime & Shale	2670	3180		
R.T.D.	3180			

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#	747'	Class H	140	12% gel + 3% CaCl ₂
					Class H	125	3% CaCl ₂
Production	7 7/8"	5 1/2"	14#	3180'	Class H	550	65/35 Poz + 6% Gel +
					Class H	125	1/2# cellophane
							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.		2956-58, 2962-66
TUBING RECORD					2970-72, 2979-83,
Size	Setting depth	Packer set at			2988-96
2 3/8"	3165'				2998-03

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized down 5 1/2" casing with 3738 gal. L401 acid + additives with 113 ball sealers.	2956-3003

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
Awaiting pipeline connection		Awaiting pipeline connection
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas
	bbbl	MCY
Disposition of gas (vented, used on lease or sold)	Water	%
Awaiting pipeline connection	Perforations	2956-3003