

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. No Log

LICENSE # 5208/6878 EXPIRATION DATE 6/30/83

OPERATOR MOBIL OIL CORPORATION for Northern Natural Gas Producing Co. API NO. 15-189-20,61700-00

ADDRESS P. O. BOX 5444 COUNTY Stevens

DENVER, COLORADO 80217 FIELD Panoma

** CONTACT PERSON C. J. Park, Prod. Acctg. Snpv. PROD. FORMATION Council Grove
TELEPHONE NO. 303-572-2696

PURCHASER Northern Natural Gas Company LEASE LIGHTCAP #3 UNIT

ADDRESS 2223 Dodge Street WELL NO. 4

Omaha, Nebraska 68102 WELL LOCATION

DRILLING CONTRACTOR Earl F. Wakefield, Inc. 1980 Ft. from North Line and

ADDRESS 300 West Douglas, Suite 500 1320 Ft. from West Line of

KCC - RIG #1 Wichita, Kansas 67202 the NW/4 (Qtr.) SEC 2 TWP 33 S RGE 36 (W)

PLUGGING CONTRACTOR

ADDRESS

TOTAL DEPTH 3130' PBDT 3112'

SPUD DATE 12-09-82 DATE COMPLETED 1/3/83

ELEV: GR 3024' DF KB 3032'

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

Amount of surface pipe set and cemented 620' 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 BY 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:

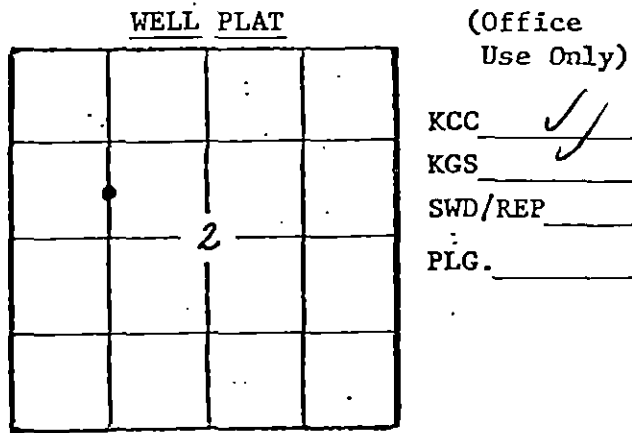
I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

C. J. Park
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 25 day of January, 1983.

MY COMMISSION EXPIRES: 11-28-84 Judith A. Olsen Notary Public

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



RECEIVED
JAN 27 1983

CONSERVATION DIVISION
Wichita, Kansas

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.				
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, Side 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	Socks	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.	Socks cement	Shots per ft.	Size & type	Depth interval
	2952'		2 shots/ft.		2952'/2958'
			"		2970'/2974'
					2976'/2982'
					2984'/2988'
					2991'/2993'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD 3016'/3022', 3027'/3035'

Amount and kind of material used	Depth interval treated
Pump 129 bbls. acid + 86 bbls. gel water, dropping 108 ball sealers,	2952'/3077'
balled off, pump 186 bbls. gel water + 1714 bbl. gel water 2/3# of gal, flush w/100 bbls. gel water.	20-40 sand/

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
Awaiting pipeline connection	Pumping	30

Estimated Production -I.P.	Oil bbls.	Gas N/A 1-25-83 MCF	Water %	Gas-oil ratio	CFPB
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Disposition of gas (vented, used on lease or sold)	Perforations
Awaiting pipeline connection	2952'/3077'