

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

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

DOCKET NO. NP _____

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 6/30/84-
OPERATOR Mobil Oil Corporation API NO. 15-189-20,613-0000
ADDRESS P. O. Box 5444 COUNTY Stevens
Denver, CO 80217 FIELD Gertzler

** CONTACT PERSON C. J. Park, Prod. Acctg. Supv. PROD. FORMATION L. Morrow
PHONE 303/298-2696 Indicate if new pay.

PURCHASER Northern Natural Gas Company LEASE W. R. D. #2 Unit
ADDRESS 2223 Dodge Street WELL NO. 4

Omaha, Nebraska 68102 * WELL LOCATION Directionally drilled
Surface W/2 NE/4
2361 Ft. from East Line and
277 Ft. from North Line of
the (Qtr.) SEC TWP RGE (W)
NE/4 36 32S 38W

DRILLING Johnson Drilling Co.
CONTRACTOR ADDRESS 3535 N.W. 58th Street, Suite 710
Oklahoma City, OK 73112

PLUGGING
CONTRACTOR ADDRESS

TOTAL DEPTH 6430' PBD 6372'

SPUD DATE 8/20/82 DATE COMPLETED 8/10/83

ELEV: GR 3155.3' DF KB 3167.3'

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD-117710 (C-19,202)

Amount of surface pipe set and cemented 1727' 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.

*Bottom Location
1320' from North line
1980' from East line

A F F I D A V I T

C. J. Park

that: _____, being of lawful age, hereby certifies

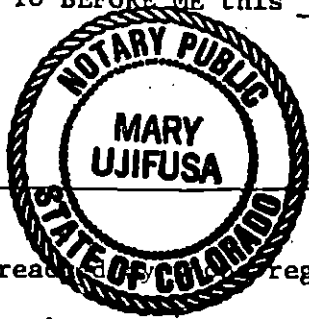
I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

[Signature]

(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 4th day of October

19 83.



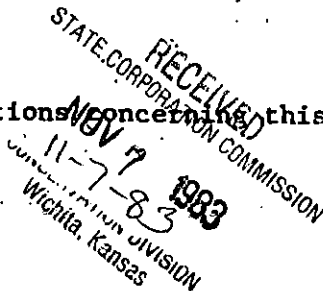
MY COMMISSION EXPIRES: _____

[Signature]

(NOTARY PUBLIC)

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

My Commission expires Nov. 12, 1985
1225 17th Street
Denver, Colorado 80202



Side TWO Mobil Oil Corporation LEASE NAME W. R. D. #2 Ut. SEC 36 TWP 32S RGE 38W (W)
 OPERATOR WELL NO 4

FILL IN WELL INFORMATION AS REQUIRED:

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 type="checkbox"/> Check if no Drill Stem Tests Run. <input checked="" type="checkbox"/> Check if samples sent Geological Survey.				
Surface, clay & sand	0	280		
Sand & redbed	280	598		
Redbed, sand & shale	598	1745		
Anhydrite	1745	1757		
Shale	1757	2396		
Lime & shale	2396	6430		

If additional space is needed use Page 2

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Re-set)							
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	2 1/4"	9 5/8"	36#	1727'	Class H Class H	555 185	12% gel, 3% CaCl ₂ 3% CaCl ₂
Production	8 3/4"	5 1/2"	14#	6425'	Class H	755	

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 shots/ft.		6292-6296, 6262-6267, 6241-6246,
TUBING RECORD					6213-6236.
Size	Setting depth	Packer set at			6200/6214
2 3/8"	6194'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	Depth interval treated
Acidize L. M. perms w/3500 gals. 7-1% HCL + 10-1/4 acetic acid by Dowell dropping 71 ball sealers. Frac'd w/80,000 gal. YE4FSD (x linked gel) + 92,000# of 20-40 sd as follows: 8,000 gal. w/1/2 ppg. sd - 4000# sd, 12000 gal. 2/1 ppg. sand - 12000# sd, 16000 gal. w/2 ppg. sd - 32000# sd.	6200-6296

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
Awaiting Pipeline connection		
Estimated	Oil	Gas
Production-I.P.	Oil	Gas
Disposition of gas (vented, used as lease or sold)		Gas-oil ratio
Awaiting pipeline connection		Perforations 6200-6296

Commission Expires Nov. 15, 1981
 1552 11th St. S
 Denver, CO 80202