

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

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 # 6876 EXPIRATION DATE 6/30/83

OPERATOR Northern Natural Gas Producing Co. for API NO. 15-189-20585-0000

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. Prod. Co. LEASE Siegmund No. 1 Unit

ADDRESS 2223 Dodge Street WELL NO. 2

Omaha, Nebraska 68102 WELL LOCATION Sec. 34-32S-36W

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

CONTRACTOR 300 W. Douglass, Suite 500 1250 Ft. from East Line of

ADDRESS Wichita, KS 67202 the 1 (Qtr.) SEC 34 TWP 32S RGE 36W.

PLUGGING - WELL PLAT (Office Use Only)

CONTRACTOR ADDRESS

ADDRESS

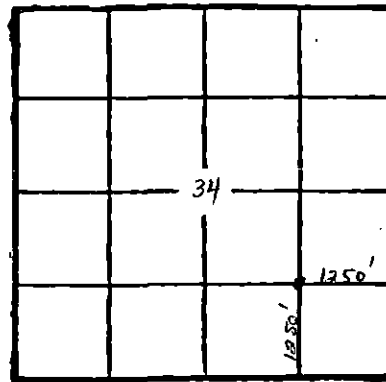
TOTAL DEPTH 3140' PBD 3112'

SPUD DATE 9/9/82 DATE COMPLETED 10/6/82

ELEV: GR 3031.8' DF KB 3039.8'

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD-117710



KCC [checked] KGS [checked] SWD/REP PLG.

Amount of surface pipe set and cemented 718' 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.

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.

(Signature) (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 2 day of November, 1982.

(Signature) (NOTARY PUBLIC)

MY COMMISSION EXPIRES: 11-28-84

NOV 4 1982 KANSAS CORPORATION COMMISSION WICHITA, KANSAS

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

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; record 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
Surface Sand-Clay	0	605	Chase Council Grove	2567
Red Bed	605	1055		2910
Shale	1055	1190		
Sand	1190	1400		
Shale	1400	1685		
Shale & Anhydrite (Anhydrite @ 1728')	1685	2065		
Shale	2065	2350		
Shale & Lime	2350	2585		
Lime & Shale	2585	2825		
Shale & Lime	2825	2975		
Lime & Shale	2975	3140		
R.T.D.	3140	3140		

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 casing	12 1/4"	8 5/8"	24#	718'	Class H	160	12% gel, 3% CaCl ₂
					Class H	125	3% CaCl ₂
Production casing	7 7/8"	5 1/2"	14#	3123'	Class H	550	65/35 Poz, 6% gel,
						125	1/4#/sk D-29
							8% salt, 0.2% D-46

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 shots/foot		2919/2923, 2923/2933,
					3937/2950,
					2955/2957,
					2974/2977

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	2999.29	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized down 5 1/2" casing w/4788 gal. L401	2919/2977
acid + additives w/96 ball sealers.	

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 <input type="text"/> bbls. Gas <input type="text"/> MCF Water <input type="text"/> %	Gas-oil ratio <input type="text"/>
Disposition of gas (vented, used on lease or sold)	Perforations	
Awaiting pipeline connection	2919/2977	