

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 # 6878 EXPIRATION DATE 6/30/84

OPERATOR Northern Natural Gas Prod. Co. API NO. 15-189-20,638-00-00

ADDRESS P. O. Box 5444 COUNTY Stevens

Denver, CO 80217 FIELD Walkmeyer

** CONTACT PERSON C. J. Park, Prod. Acctg. Supv. PROD. FORMATION Morrow

PHONE 303/298-2696 Indicate if new pay. _____

PURCHASER Northern Natural Gas Company LEASE Thomas T. Holt Unit

ADDRESS 2223 Dodge Street WELL NO. 2

Omaha, Nebraska 68102 WELL LOCATION C W/2

DRILLING CONTRACTOR Lanex Drilling Company, Inc. 2640ft. from North Line and

ADDRESS P. O. Box 94324 1320ft. from West Line of

Oklahoma City, OK 73143 the (Qtr.) SEC 10 TWP 33S RGE 36(W)

PLUGGING -

CONTRACTOR _____

ADDRESS _____

WELL PLAT

(Office Use Only)

KCC
KGS

SWD/REP _____
PLG. _____

NGPA _____

TOTAL DEPTH 6380' PBD 6214'

SPUD DATE 1/12/83 DATE COMPLETED 4/19/83

ELEV: GR 3024' DF _____ KB 3041

DRILLED WITH ~~(ROTARY)~~ (ROTARY) ~~(TOOLS)~~ TOOLS.

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

C-19,203

Amount of surface pipe set and cemented 1734' 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

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.

SUBSCRIBED AND SWORN TO BEFORE ME this 6TH day of October, 1983.

Judith H. Olsen
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: 11-28-84

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

RECEIVED
STATE CORPORATION COMMISSION

OCT 11 1983

CONSERVATION DIVISION
Wichita, Kansas

Side TWO OPERATOR Northern Natural Gas Prod. CO. LEASE NAME Thomas T. Holt SEC 10 TWP 33S RGE36W (W)

WELL NO 2

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
<p>X Check if no Drill Stem Tests Run. Check if samples sent Geological Survey.</p>			Wellington	2238
			Chase	2603
			Council Grove	2952
			Admire	3398
			Wabaunsee	3429
			Topeka	3802
			Lansing	4252
			Marmaton	5049
			Cherokee	5259
			Atoka	5749
			Morrow	5788
			Chester	6202
			TD	6380

If additional space is needed use Page 2.

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Back)							
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"	9 5/8"	36#	1734'	Lite Class H	550 200	12% gel, 3% CaCl ₂ 3% CaCl ₂
Production	8 3/4"	5 1/2"	14#	6380	Class H	320	10% salt + 1/4# sk.
					50-50 poz	410	defoamer
							10% salt + 1/4# sk.
							flo-seal

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
					6100-6105, 6108-6119
					6144-6147, 6149-6162
					6166-6173, 6186-6193
TUBING RECORD					
Size	Setting depth	Packer set at			
2 7/8"	6044'				6197-6201

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	Depth interval treated
Acidized down tbg. w/5M gals. MOD I01 + 5 gal. eq. HAI-75, C/A - Sta. II, FR Fld CS, TFR-24 w/75 ball sealers. BD 2400-1200 @ 12 1/2 BPM, max. 4500, min. 1800, final 4500 (ball action), ISIP 0, Air 11 3/4, BPM @ 2000 AIP.	6100-6105, 6108-6119, 6144-6147, 6149-6162, 6156-6173, 6186-6193, 6197-6201

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
Estimated Production - I.P. (bbls.)	Gas (bbls.)	Water % (MCF)
Disposition of gas (vented, used on lease or sold)		Gas-oil ratio (bbls.)
		CFPB

(6100-6201) perforations