

SIDE ONE

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

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 _____.

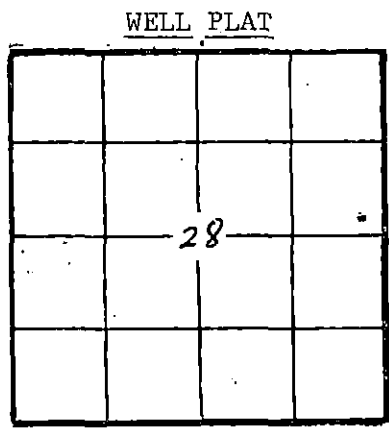
PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 6878 EXPIRATION DATE 6/30/83
 OPERATOR Northern Natural Gas Prod. Co. API NO. 15-189-20,636-0000
 ADDRESS 2223 Dodge Street COUNTY Stevens
Omaha, Nebraska 68102 FIELD Hugoton
 ** CONTACT PERSON C. J. Park, Prod. Acctg. Supv. PROD. FORMATION Glorietta
 PHONE 303/572-2696

PURCHASER - LEASE Littell SWDW
 ADDRESS _____ WELL NO. 1
 WELL LOCATION NE/4

DRILLING CONTRACTOR Earl F. Wakefield, Inc. 180 Ft. from South Line and
300 West Douglas, Suite 500 180 Ft. from East Line of
 ADDRESS Wichita, Kansas 67202 the NE/4 (Qtr.) SEC 28 TWP 32S RGE 36W (W).

PLUGGING CONTRACTOR -
 ADDRESS _____



(Office Use Only)
 KCC
 KGS
 SWD/REP.
 PLG. _____
 NGPA _____

TOTAL DEPTH 1520' PBDT -
 SPUD DATE 12/6/82 DATE COMPLETED 6/14/83
 ELEV: GR 3067' DF _____ KB 3075'

DRILLED WITH (~~CABLE~~) (ROTARY) (~~ANY~~) TOOLS.
 DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD-58334 (C-22016)
 Amount of surface pipe set and cemented 676' 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.

C. J. Park
 (Name)
June

SUBSCRIBED AND SWORN TO BEFORE ME this 28th day of _____, 1983.

RECEIVED Mary Jefferson
 STATE CORPORATION COMMISSION (NOTARY PUBLIC)

MY COMMISSION EXPIRES: Nov. 12, 1985

JUL 05 1983

** The person who can be reached by phone regarding questions concerning this information. CONSERVATION DIVISION Wichita, Kansas

SIDE TWO
OPERATOR

Northern Natural Gas Prod. Co. LEASE Littell

ACO-1 WELL HISTORY
SEC. 28 TWP. 32S RGE. 36W (W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 1

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<input checked="" type="checkbox"/> Check if no Drill Stem Tests Run.				
<input type="checkbox"/> Check if samples sent to Geological Survey				
Sand & Clay	0	615	Glorietta	1261
Red Bed	615	1000		
Shale	1000	1230		
Sand	1230	1450		
Shale	1450	1520		
R.T.D.	1520	1520		

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	12 1/4"	8 5/8"	24#	676'	Class H	140	12% gel + 3% CaCl ₂
					Class H	125	3% CaCl ₂
Production	7 7/8"	5 1/2"	14#	1502'	Class H	180	65-35 poz + 6% gel +
					Dowell RFC	85	1/4# cellophane
							8% salt + .2% D-46

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
					1350-1390

Size	Setting depth	Packer set at
2 3/8"	1312'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized 5 1/2" casing with 1,500 gals. FE acid + additives.	1350/1390

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity

Estimated Production -I.P.	Oil	Gas	Water %	Gas-oil ratio
	bbls.	bbls.	MCF	bbls.

Disposition of gas (vented, used on lease or sold)

Perforations 1350-1390