

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. \_\_\_\_\_

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.

F 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.

C 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 # 5654 EXPIRATION DATE June 30, 1983

OPERATOR Rine Drilling Company API NO. 15-025-20,630-00-00

ADDRESS 300 West Douglas, Suite 600 COUNTY Clark

Wichita, Kansas 67202 FIELD Snake Creek

\*\* CONTACT PERSON Donna K. McKee PROD. FORMATION Morrow  
PHONE 316-267-1333

PURCHASER Northern Natural Gas Company LEASE Barby

ADDRESS 2223 Dodge Street WELL NO. 5-23

Omaha, Nebraska 68102 WELL LOCATION NW SW NW

DRILLING Rine Drilling Company 330 Ft. from North Line and

CONTRACTOR 300 West Douglas, Suite 600 330 Ft. from West Line of

ADDRESS Wichita, Kansas 67202 the NW (Qtr.) SEC 23 TWP 34S RGE 21 (E)(W)

PLUGGING N/A

CONTRACTOR

ADDRESS

TOTAL DEPTH 5,510 PBTD NA

SPUD DATE 11/10/82 RE-COMPLETION DATE COMPLETED 1/26/83 12/17/82

ELEV: GR 1760' DF 1769' KB 1772'

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE no water

Amount of surface pipe set and cemented at this time 8-5/8 @ 842' DV Tool Used? yes

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other

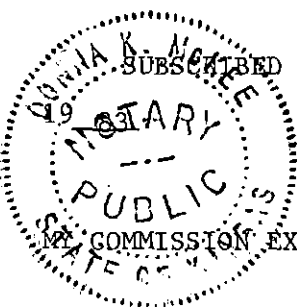
ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

E. J. RINE, 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.

*E. J. Rine*  
(Name) E. J. RINE



SUBSCRIBED AND SWORN TO BEFORE ME this 7th day of February

*Donna K. McKee*  
(NOTARY PUBLIC)

COMMISSION EXPIRES: January 21, 1985

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

FEB 9 1983

CONSERVATION DIVISION  
Wichita Kansas

\* previously mailed logs

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
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.				
Check if no Drill Stem Tests Run.				
DST #1 4256-98' 30-60-60-90, strong blow. G.T.S. in 5 min.; O.T.S. in 15 min. 2nd flow gauge; 2,800 Mcf in 20 min., 3,120 Mcf in 40 min. 3,310 Mcf in 60 min. Rec. 520' of oil; 40' wtr. IFP Plugged FFP 802-816 ISIP 1298 FSIP 1298			TOPS: Base/Lecompton Elgin Sand Oread Lm. Heebner Sh. Toronto Lm. Douglas Lansing Iola Lm. Swope Lm. Hertha Lm. Base/K.C. Marmaton Cherokee Mor Shale	4062 (-2290) 4108 (-2336) 4204 (-2432) 4238 (-2466) 4264 (-2492) 4305 (-2533) 4438 (-2666) 4736 (-2964) 4929 (-3157) 4981 (-3209) 5031 (-3259) 5060 (-3288) 5218 (-3446) 5342 (-3570)
DST #2 4298-4340' 30-60-30-45, V. wk. blow 1st flow period. No blow 2nd flow period. Rec. 20' of mud. IFP 14-14 FFP 28-28 ISIP 1519 FSIP 1354				
DST #3: 5345-5420' 30-60-60-90, strong blow. G.T.S. in 2 min. Not guaged during 1st flow period. 2nd flow guaged: 4,500 Mcf in 5 min. 6,200 Mcf in 15 min. 6,640 Mcf in 30 min. 6,200 Mcf in 60 min. Rec. 10' of condensate IFP 885-1008 FFP 734-967 ISIP 1933 FSIP 1933				
If additional space is needed use Page 2, Side 2				

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (~~Used~~)

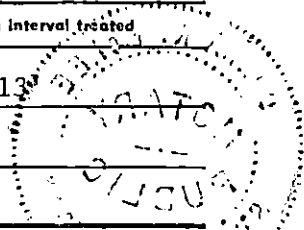
Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Conductor	30"	20"		85'	Reg. Portland	350	2% cc
Surface	17 1/2"	13 3/8"	48#	330'	Reg. Portland Hal. Lt.	200 500	3% cc, 2% gel, 1/4#FC 2% gel., 3% cc, 1/4#FC
Intermediate	12 1/4"	8 5/8"	24#	842'	Reg. Portland Hal. Lt.	150 500	3%cc, 1/4#FC 5# calcs. 2% gel, 3%cc, 1/4#FC
Production	7 7/8"	5 1/2"	10.5#	5,503'	Reg. Portland Pozmix	150 150	10% CaCl 10# gilsonite 10% CaCl .75% CFR-2

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
N/A					
TUBING RECORD					
Size	Setting depth	Packer set at			
2 7/8"	5,375'	5,375'	4 SPF	Welex	5,409-13'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1500 gal. 7 1/2" NE with 7.5 gallons Morflo III	5,409-13'

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
Shut-in gas well	flowing	gas well - 0
Estimated Production -I.P.	Oil none	Gas 5 1/2 M MCF
	Water 0 %	Gas-oil ratio None
Disposition of gas (vented, used on lease or sold)		CFPB
Waiting on pipeline connection	Perforations	5,409-13'



RINE DRILLING COMPANY

OPERATING AGENT  
FOR  
OIL AND GAS PRODUCING PROPERTIES

SUITE 600 - 300 W. DOUGLAS — WICHITA, KANSAS 67202 — (316) 267-1333

ATTACHMENT

February 7, 1983

State Corporation Commission  
Conservation Division  
200 Colorado Derby Building  
Wichita, Kansas 67202

Re: Barby #5-23  
NW SW NW Sec. 23-34S-21W  
Clark County, Kansas

Gentlemen:


On January 13, 1983, Rine Drilling Company mailed the ACO-1 Well History on the Barby #5-23 for completion in the Toronto which was classified as a shut-in gas well.

On January 14, 1983, we began recompleting this well in the Morrow formation and we are enclosing the ACO-1 form for the completion of the Morrow zone which is now shut-in and waiting on a pipeline connection.

This is not to be construed as a dual completion, the Toronto is still shut-in and will remain so in the foreseeable future to maintain pressure on the Toronto zone.

A packer has been set at 5,375' and we are producing the Morrow below the packer with the Toronto shut-in.

Yours truly,

  
E. J. Rine,  
President

dmc

Enc.

RECEIVED  
STATE CORPORATION COMMISSION

FEB 9 1983

CONSERVATION DIVISION  
Wichita, Kansas