

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

Compt. _____

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. No Log

LICENSE # 5654 EXPIRATION DATE June 30, 1985

OPERATOR Rine Drilling Company API NO. 15-025-20,749-0000

ADDRESS 300 W. Douglas, Suite 600 COUNTY Clark

Wichita, Kansas 67202 FIELD Snake Creek

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

OIL: PURCHASER Inland Crude Purchasing Corporation LEASE Barby-Harper

ADDRESS 200 Douglas Building WELL NO. 12-22

GAS: No Purchaser Wichita, KS 67202 WELL LOCATION C SE NE

SI Gas well DRILLING Rine Drilling Company 1980 Ft. from North Line and

CONTRACTOR CONTRACTOR ADDRESS 300 W. Douglas, Suite 600 660 Ft. from East Line of (E)

Wichita, Kansas 67202 the NE (Qtr.) SEC 22 TWP 34 SRGE 21 (W)

PLUGGING N/A

CONTRACTOR CONTRACTOR ADDRESS

ADDRESS

WELL PLAT

(Office Use Only)

			*
		22	

KCC
KGS
SWD/REP
PLG.

TOTAL DEPTH 5,560' PBDT 5465.93'

SPUD DATE 1-11-84 DATE COMPLETED 3-20-84

ELEV: GR 1762' DF 1772' KB 1774'

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING

USED TO DISPOSE OF WATER FROM THIS LEASE no water at this time

Amount of surface pipe set and cemented 8-5/8" @ 848' 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

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.

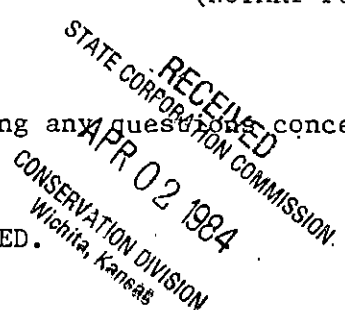
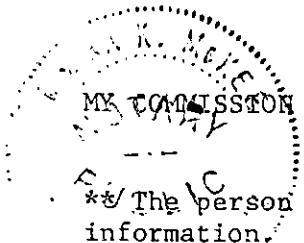
E. J. Rine
E. J. RINE, (Name) PRESIDENT

SUBSCRIBED AND SWORN TO BEFORE ME this 29th day of March

19 84

Donna K. McKee
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: January 21, 1985



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

*** IF HOLE IS PLUGGED A THIRD COPY IS NEEDED. FOR INJECTION OR DISPOSAL FOUR COPIES ARE NEEDED.

OPERATOR Rine Drilling Company LEASE Barby-Harper SEC. 22 TWP. 34S RGE. 21

FILL IN WELL INFORMATION AS REQUIRED: WELL NO. 12-22

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>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.</p> <p>Check if no Drill Stem Tests Run.</p>				
<p>DST #1: same as #2, couldn't get #1 to bottom, miss run</p> <p>DST #2: 4271-4305, weak blow Rec. 200' SW IHS 2174 IFP 88-108/30 min ICIP 1379/60 min FFP 108-137/60 min FCIP 977/90 min Hydro 2155 Temp 111° F</p> <p>DST #3: would not go to bottom</p> <p>DST #4: 4305-5325, v. weak blow, dead in 2nd open. Rec. 15' mud. I Hydro 2222 IFP 49-49/30 min ISIP 852/60 min FFP 49-39/60 min FSIP 804/90 min FH 2194 Temp 113° F</p> <p>DST #5: 4311-4350, v. weak blow, Rec. 40' mud IHP 2270 IFP 49-68/30 min ISIP 1456/60 min FFP 59-78/60 min FCIP 2203/90 min FHP 2203 Temp 113° F</p>			<p>B/Lecompton Elgin Sand Oread Heebner Toronto Douglas Lansing Swope Hertha B/KC Marmaton Cherokee Morrow Shale Mississippian</p>	<p>4070' -2296 4119' -2345 4216' -2442 4250' -2476 4277' -2503 4320 -2546 4450 -2676 4936 -3162 4988 -3214 5039 -3265 5062 -3288 5231 -3457 5059 -3285 5536 -3762</p>
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"		94'	common	350	3% cc.
Surface	12-1/4"	8-5/8"	24#	848'	Hali Lite common	400 100	3% cc, 1/4#FC, 5# Cal-seal 3% cc, 2% gel, 1/4#FC
Production	7-7/8"	4-1/2"	10.5	5509.02'	50-50 pozmix	400	.75%CFR-2; 10# sk gil 18% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
N/A			4 SPF	Jumbo	5065-73' Marmaton
TUBING RECORD			2 SPF	Jumbo	5401-03' Morrow
Size	Setting depth	Packer set at			
2-3/8"	5070'	5376'			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal. D-S 15% FE	Mm 5065-73'
4000 gal. 20% SGA & 463,000 SCF Nitrogen	Mm 5065-73'
Date of first production	Producing method (flowing, pumping, gas lift, etc.)
Installing pumping unit	Pumping
Estimated Production -I.P.	Gravity
Oil Marmaton 25/dbbls.	40°
Gas 90,000 MCF	Water 0%
	Gas-oil ratio
	CFPB
Disposition of gas (vented, used on lease or sold)	Perforations
Compressor - Marmaton gas	Marmaton 5065-73'

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Rine Drilling Company LEASE NAME Barby-Harper SEC. 22 TWP. 34S RGE. 21 (E) (W)

FILL IN WELL LOG AS REQUIRED: WELL NO. 12-22

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><u>Morrow Completion:</u> 5401-03' with 2SPF. Set packer @ 5376'. Acid: 250 gal. 7-1/2% double strength FE with alcohol base. Treat 900 gal. diesel with 100 gal. methanol and 2 gal. hy-flow. Fracture: 5000#'s 20-40 sand, 4000 gal diesel and 390,000 SCF N₂. 4 point 1659 Mcf Shut-in Morrow gas well.</p> <p><u>Marmaton Completion:</u> 5065-73' with 4SPF. Tubing set @ 5070'. Acid: 500 gal. D-S 15% FE Treat 4000 gal. 20% SGA & 463,000 SCF Nitrogen.</p>				
<p>DST #6: 5042-5092, strong blow, rec. GTS in 11 min second open TSTM, 300' SO & GCM, 90' O&HGCM IHYD 2683 IFP 78-117/30 min ICIP 1427/60 min FFP 127-156 60 min. FCIP 1753/90 min FHYD 2644 Temp 107° F</p> <p>DST #7: 5090-5190', v. weak blow. Rec. 190' mud. IHYD 2769 ICIP 1734/60 min. IFP 107-137/30 min FFP 137-185/60 min FCIP 1619/90 min FHYD 2731 Temp 121° F</p> <p>DST #8: 5365-5420', strong blow GTS in 11 min 2nd open, no measurement or samples, rec. 115' SI GCM. IFP -88-107/30 min IHYD 2875 ICIP 1628/60 min FFP 78-88/60 min FSIP 1782/90 min FHYD 2846 Temp. 124° F</p> <p>DST #9: 5422-5450', strong blow, Rec. 3710' SW IHYD 3000 IFP 785-1724/30 min ICIP 1916/60 min FFP 1743-1916/60 min FCIP 1916/90 min HYD 2865 Temp 129° F</p>				

See back of this page

DST #10, 5455-5480, v. weak blow
Rec 30' mud
IHYD 2962
IFP 49-78/30 min
ICIP 98/60 min
FFP 78-88/60 min
FCIP 98/90 min
FHYD 2923
Temp 129° F

DST #11, 5455-5480', v weak blow
Rec. 40' mud
IFP 59-59/30 min IHYD 2933
ICIP 117/60 min
FFP 78-78/60 min
FCIP 88
FHYD 2904
Temp 125° F