

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5020
Name Rine Exploration Company
Address Suite #645
300 W. Douglas
City/State/Zip Wichita, KS 67202

Purchaser We do not have a purchaser
at this time

Operator Contact Person M. Bradford Rine
Phone 316/262-5418

Contractor: License # 5381
Name Big Springs Drilling, Inc.

Wellsite Geologist M. Bradford Rine
Phone 316/262-5418

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp Abd
- Gas Inj Delayed Comp.
- Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

04/15/86 04/23/86 05/21/86
Spud Date Date Reached TD Completion Date
4400' 4339'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 302 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Co.: BJ Titan Service / Inv. #284049

API NO. 15-007-22,133-00-00
County Barber
100' East
50' North SW 1/4 SW 1/4 6 32S 12W East
Sec Twp Rge West

710 Ft North from Southeast Corner of Section
4520 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

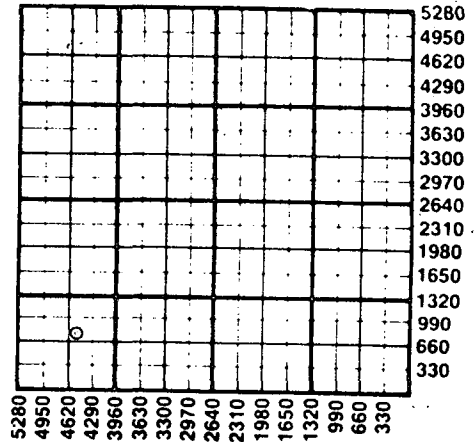
Lease Name Clarke Well # 1-6

Field Name Medicine River Southwest

Producing Formation Mississippian

Elevation: Ground 1541 KB 1546

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water 10 Ft North from Southeast Corner
(Stream) 5270 Ft West from Southeast Corner
Sec 6 Twp 32S Rge 12 East West

Other (explain)
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature M. Bradford Rine
Title President / Geologist Date 07/21/86

Subscribed and sworn to before me this 21st day of July 1986
Notary Public Ginger L. Mitchell
Date Commission Expires June 11, 1988

GINGER L. MITCHELL
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 06-11-88

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
STATE CORPORATION COMMISSION
CONS. DIV. WICHITA, KS
(Specify)

Form ACO-1 (7-84)

JUL 30 1986

Sec 4 Twp 3 Rge 12W

Operator Name Rine Exploration Company Lease Name Clarke Well # 1-6

Sec. 6 Twp. 32 South Rge. 12 West West County Barber

RELEASED

WELL LOG

AUG 16 1988

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

FROM CONFIDENTIAL

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

DST #1: 3617'-3635' (Upper Douglas Sandstone)
 30-60-45-60. Strong blow, rec., 950' saltwater.
 IFP 104-239 ISIP 1402
 FFP 312-408 FSIP 1402

DST #2: 4252'-4263' (Mississippian) 30-60-60-60.
 Strong blow, gas to surface - 1 min. Gas gauges as follows:
 1st Flow - 2nd Flow -
 10 Min - 687 MCF 10 Min - 687 MCF
 20 Min - 627 MCF 20 Min - 415 MCF
 30 Min - 577 MCF 30 Min - 353 MCF
 40 Min - 336 MCF
 50 Min - 336 MCF
 60 Min - 336 MCF

IFP 312-104 ISIP 1308
 FFP 228-62 FSIP 1070

DST #3: 4263'-4278' (Mississippian) 45-70-60-90.
 Gas gauges as follows:
 1st Flow - 2nd Flow -
 10 Min - 245 MCF 10 Min - 227 MCF
 20 Min - 194 MCF 20 Min - 194 MCF

Formation Description		Top	Bottom
<input checked="" type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample		
SAMPLE TOPS			
Heebner		3556	-2010
Upper Douglas Sandstone		3615	-2069
Lansing		3743	-2197
Stark		4091	-2545
Hushpuckney		4129	-2583
Mississippian		4248	-2702
RTD		4400	-2854
E-LOG TOPS			
Heebner		3556	-2010
Lansing		3744	-2198
Stark		4091	-2545
Mississippian		4250	-2704
LTD		4401	-2855
30 Min - 175 MCF	30 Min - 194 MCF		
40 Min - 175 MCF	40 Min - 175 MCF		
45 Min - 175 MCF	50 Min - 175 MCF		
	60 Min - 175 MCF		
IFP 62-52 ISIP 1558			
FFP 52-31 FSIP 1558			

CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#	302'	60-40 Poz	200	2% gel-3% ccl
Production		4 1/2"	10.5#	4399'	50-50 Poz	150	2% gel-10% CaCl 5# gil/sack

PERFORATION RECORD
 Shots Per Foot | Specify Footage of Each Interval Perforated
 Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth

2 4252'-4272'
 500 gals. acetic acid & 30 bbls water
 Frac fluid was a 40-pound gelled crosslink with stabilizers, iron sequest., non-emulsifiers, surfactants & fluid loss additives. Ave. treating pres. - 1930#, Ave. treating rate - 16 bbl./min. Total load - 912 bbls.

TUBING RECORD
 Size Set At Packer at
 124 Jts. Used 2 3/8" 3993'
 Liner Run Yes No

Date of First Production | Producing Method
 Shut-in Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	1 Bbls	400 MCF	25 Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4252' - 4272'
 Used on Lease Dually Completed
 Commingled