

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 Peoples Natural Gas
Wichita, KS 67202

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

Contractor: License # 5929
Name Duke Drilling Co., 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

02/18/87 02/24/87 03/13/87
Spud Date Date Reached TD Completion Date
4380 Ft. 4306 Ft.
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 313 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 Company Name
Invoice #

API NO. 15-007-22,150-00-00

County Barber
120' East
NE. CSW 1/4 NE 1/4 Sec. 7 Twp. 32S Rge. 12W X West

3385 Ft North from Southeast Corner of Section
1895 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

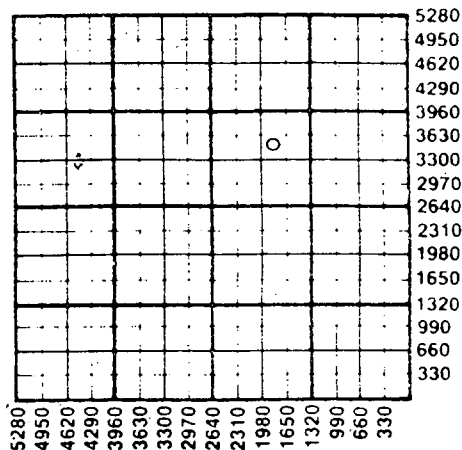
Lease Name Aubley Well # 1-7

Field Name Medicine River SW

Producing Formation Mississippian

Elevation: Ground 1515 KB 1520

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

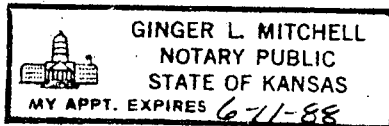
Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water Ft North from Southeast Corner (Stream, pond, etc) Ft West from Southeast Corner Sec 7 Twp 32S Rge 12 East X West
 Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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
(M. Bradford Rine)
Title President & Geologist Date 05/14/87

Subscribed and sworn to before me this 14th day of May 1987
Notary Public Ginger L. Mitchell
Date Commission Expires June 11, 1988



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
RECEIVED
STATE CORPORATION COMMISSION
KGS Plug NGPA Other (Specify)
MAY 15 1987
Wichita, Kansas

Operator Name Rine Exploration Company Lease Name Aubley Well # 1-7

Sec. 7 Twp. 32 South Rge. 12 West East West County Barber County, Kansas

WELL LOG

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.

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

Formation Description
 Log Sample

DST #1: 4223'-4250' (Mississippian)
 30-45-40-60. Rec. 130' gassy oil, 120' heavy gas & mud cut oil, 5' water (86,000 ppm). Note: 1800' of pipe also had gas cut oil strung throughout.
 Gas Gauges:
 1st Opening
 10 Min. 3063 MCF
 20 Min. 3135 MCF
 30 Min. 2900 MCF
 2nd Opening
 10 Min. 2774 MCF
 30 Min. 2702 MCF
 40 Min. 2558 MCF
 IFP 857 - 750 ISIP 1419
 FFP 750 - 676 FSIP 1260

Name	Top	Bottom
<u>Sample Tops</u>		
Base Deer Creek	3465	-1945
Heebner	3540	-2020
Lansing	3718	-2198
Drum	3948	-2428
Stark	4068	-2548
Hushpuckney	4109	-2589
Mississippian	4226	-2706
RTD	4380	-2860
<u>E-Log Tops</u>		
Base Deer Creek	3491	-1971
Heebner Shale	3538	-2018
Lansing	3717	-2197
Drum	3947	-2427
Stark Shale	4070	-2550
Mississippian	4224	-2704
LTD	4382	-2862

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"	20#	313'	60/40 poz	225	2% gel, 3% cc
Production	7 7/8"	4 1/2"	10 1/2#	4383'	50/50 poz	150	2% gel, 10% cc

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	4238'-4248' - 300 gal. of Acetic Acid & 40 bbls. of lease water.	1000 gal. - 10% FE & 6l bbls of lease water. Used 30 perf balls had moderate action.	

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	4266			

Date of First Production ~ June 1, 87 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	2 Bbls	200 MCF	5 Bbls	100,000 CFPB	30°

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease Open Hole Perforation Other (Specify)

4238-4248

Dually Completed Commingled

RELEASED

JUN 12 1989

FROM CONFIDENTIAL

DRILLER'S WELL LOG

DATE COMMENCED: February 18, 1987
DATE COMPLETED: February 25, 1987

Rine Exploration Co.
AUBLEY #1-7
120' NE of C SW NE
Sec. 7, T32S, R12W
Barber County, Ks.

0 - 3550' Surface Soil, Shale, Sand
3550 - 3600' Shale & Lime
3600 - 3700' Shale
3700 - 4150' Lime
4150 - 4200' Shale & Lime
4200 - 4380' Chert & Lime
4380' RTD

ELEVATION: 1520 K.B.

FORMATION DATA

Heebner 3550'
Douglas 3600'
Lansing K.C. 3700'
Base K.C. 4150'
Mississippi 4200'
RTD 4380'

Surface Pipe: Set 8-5/8"
@ 315' w/225 sacks 60/40
pozmix 2% gel 3% cc.

Production Pipe: Set new
4 1/2", 10 1/2# @4379' w/150 sacks
50/50 pozmix 10% salt, 2%gel.

A F F I D A V I T

STATE OF KANSAS
COUNTY OF BARTON) ss

John Ambruster of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

John Ambruster

Subscribed and sworn to before me this 27 day of February 1987.



Clarence W. Hagan
Notary Public

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
MAY 21 1987

RELEASED

JUN 12 1989

FROM CONFIDENTIAL

RECEIVED
STATE COMMISSION

MAY 1987

CONGL

Wichita