

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-007-22,142-00-00
County Barber
SW 1/4 NE 1/4 NE 1/4 Sec 12 Twp 32S Rge 13W X East West

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

4290 Ft North from Southeast Corner of Section
990 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser N/A

Lease Name Vanderwork "B" Well # 1-12

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

Field Name N/A

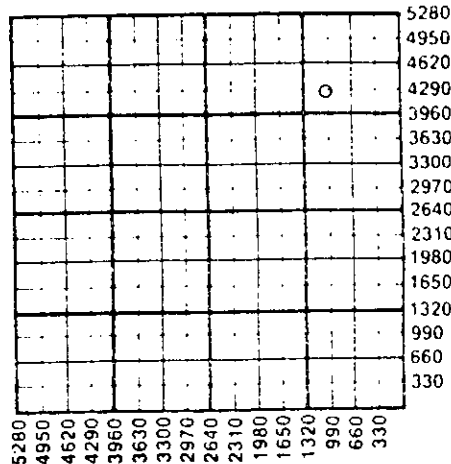
Producing Formation N/A

Contractor: License # 6033
Name Murfin Drilling Company

Elevation: Ground 1543 KB 1552

Wellsite Geologist Tom N. McElroy
Phone 316/262-5418

Section Plat



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

WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # Repressuring

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

10/24/86 10/31/86
Spud Date Date Reached TD Completion Date
4400' 4363'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 355 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 #

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 Twp Rge East West
G. C. Vanderwork
 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 01/16/87

Subscribed and sworn to before me this 16th day of January 1987
Notary Public Ginger L. Mitchell
(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
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

GINGER L. MITCHELL
NOTARY PUBLIC
STATE OF KANSAS
MAY APPT. EXPIRES

Explanation: will either attempt re-completion in Mississippian at later date, or apply for conversion to SWD/W.

Sec 12 Twp 32S Rge 13W

Operator Name Rine Exploration Company Lease Name Vanderwork "B" Well # 1-12

Sec. 12 Twp. 32 South Rge. 13 West County Barber

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: 4198'-4250' (Cherokee Limestone). Strong blow, gas to surface-12 min., maximum gas gauge 36.5 MCF declined to "TSTM" as fluid built up. Recovered 150' slightly oil cut/mud, 240' gassy oil (oil 35 gravity @ 60°F).

IFP 45 - 172 ISIP 1048
 FFP 45 - 258 FSIP 974 (Building)

DST #2: 4250'-4292' (Mississippian) 45-60-45-90. Recovered 540' gas in pipe, 70' mud.
 IFP 45 - 86 ISIP 172
 FFP 45 - 107 FSIP 226

Name	Top	Bottom
SAMPLE TOPS		
Heebner	3562	-2010
Lansing	3751	-2199
Stark	4095	-2543
Base Cherokee	4247	-2695
Mississippian	4251	-2699
RTD	4400	-2848
E-LOG TOPS		
Heebner	3561	-2009
Lansing	3748	-2196
Stark	4094	-2542
Cherokee Lime "Pay"	4241	-2689
Base Pennsylvanian	4255	-2703
Mississippian	4272	-2720
LTD	4400	-2848

RELEASED

MAR 30 1969

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	Percent Additives
Surface	12 1/4"	8 5/8"	24#	355 Ft.	60-40 poz	200 Sx	2% gel, 3% cc.
Production		4 1/2"	10.5#	4406 Ft.	50-50 poz	225 Sx	10% salt, 2% gel, 3/4 of 1% friction reducer, 5# of gilsonite per sack, 500 bbls. mud sweep.

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4242' - 4248' w/ 500 gal. acetic acid + KCL water, shot w/ conventional gun.	50 gal. 15% DSFE w/ 100 gal. Xylene. MP = 1250 psi, AR = .25 bpm, AP = 1100, ISIP = 1000 psi, 15" SI = 500 psi. TL = 92 bbls.	

TUBING RECORD

Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
2 3/8"	4295'		

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (explain) _____

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity

METHOD OF COMPLETION

Production Interval

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