

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

S

API NO. 15-135-23,113-6000
County Ness
W $\frac{1}{2}$ NW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 29 Twp. 16S Rge. 23W East
x West

Operator: License # 5020
Name Rine Exploration Company
Address Suite #645
300 W. Douglas
City/State/Zip Wichita, KS 62720

4620 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser N/A

Lease Name Mast Well # 1-29

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

Field Name N/A

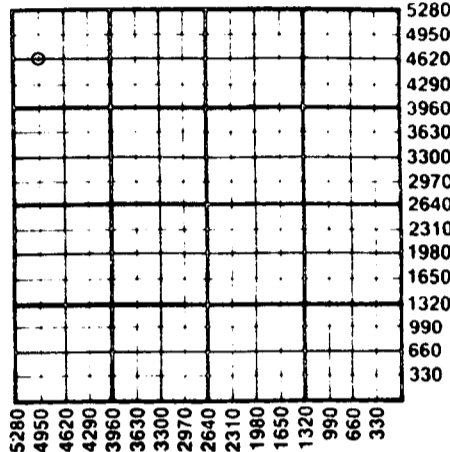
Producing Formation N/A

Contractor: License # 5422
Name Abercrombie Drilling, Inc.

Elevation: Ground 2498 KB 2503

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

Section Plat



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

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

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

WELL HISTORY

Drilling Method:
x Mud Rotary Air Rotary Cable

04/20/87 04/27/87 04/28/87
Spud Date Date Reached TD Completion Date
4570'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 270 feet
Multiple Stage Cementing Collar Used? Yes x No
If yes, show depth set feet
If alternate 2 completion, cement circulated from 0 feet depth to 270' w/ 165 SX cmt
Cement Company Name Allied Cementing Company
Invoice # 48549

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
City of Ransom
x 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 06/03/87

Subscribed and sworn to before me this 3rd day of June 1987
Notary Public Ginger L. Mitchell
(Ginger L. Mitchell)
Date Commission Expires June 11, 1988

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other
(Specify)
Form ACO-1 (5-86)



Sec 29, Twp. 16S, Rge. 23W

SIDE TWO

Operator Name Rine Exploration Company Lease Name Mast Well # 1-29

Sec. 29 Twp. 16S Rge. 23W East West County Ness

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

DST #1 - 4410'-4462' (Fort Scott) 30-30-10-Out.
 Weak blow, died in 10 min. Rec. 3' mud.
 IFP 21 - 21 ISIP 64
 FFP 21 - 21 FSIP None

DST #2 - 4492'-4513' (Cherokee Sand) 10-15-13-15.
 Strong blow. Rec. 870' H2O.
 IFP 129 - 248 ISIP 1302
 FFP 367 - 432 FSIP 1248

Name	Formation Description	
	<input checked="" type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample
	Top	Bottom
	<u>SAMPLE</u>	<u>LOG</u>
Anhydrite	1854 + 649	1853 + 650
Base Anhydrite	1890 + 613	1838 + 665
Heebner	3892 -1389	3890 -1387
Lansing	3936 -1433	3933 -1430
Base Kansas City	4222 -1719	4224 -1721
Pawnee	4335 -1832	4336 -1833
Fort Scott	4421 -1918	4425 -1922
Cherokee Shale	4447 -1944	4448 -1945
Base Penn. Lime		4497 -1994
1st Cherokee Sand	4501 -1998	4506 -2003
2nd Cherokee Sand		4513 -2010
Erosional Miss.	4526 -2023	4524 -2021
Mississippian Dol.	4539 -2036	4540 -2070
RTD	4570 -2067	
LTD		4573 -2070

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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#	270'	60/40 poz mix	165	2% gel 3% CaCl

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

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Production	Producing Method				
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....				
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION Production Interval

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