

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

5

API NO. 15-069-20,206-0000  
County Gray  
SE 1/4 NW 1/4 Sec 5 Twp 27S Rge 29W East  
West

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

3300 Ft North from Southeast Corner of Section  
3300 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser N/A

Lease Name Ingalls Well # 1-5

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

Field Name N/A

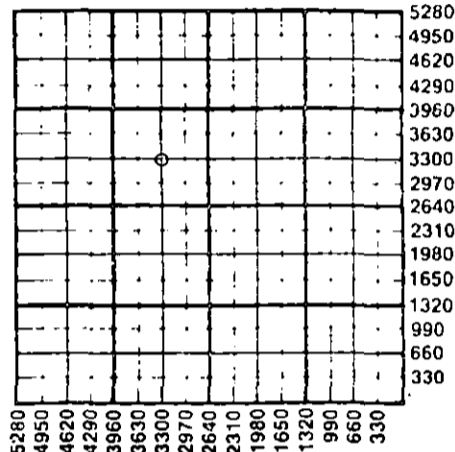
Producing Formation N/A

Contractor: License # 5654  
Name Rine Drilling Company

Elevation: Ground 2770 KB 2782

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

Section Plat



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

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
05/13/87 05/22/87 5-22-87  
Spud Date Date Reached TD Completion Date  
5200'  
Total Depth PBTD

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit # T 87-180

Groundwater 4290 Ft North from Southeast Corner  
(Well) 4290 Ft West from Southeast Corner of  
Sec 5 Twp 27S Rge 29 East  West  
 Surface Water Ft North from Southeast Corner  
(Stream, pond etc) Ft West from Southeast Corner  
Sec Twp Rge East West  
 Other (explain)  
(purchased from city, R.W.D. #)

Amount of Surface Pipe Set and Cemented at 526' feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated  
from 526 feet depth to surface w/ 250 SX cmt  
Cement Company Name Halliburton  
Invoice # 533363

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  
 KGS  Plug  
RECEIVED  
STATE CORPORATION COMMISSION  
(Specify)  
6-8-87 JUN 8 1987  
CONSERVATION DIVISION  
Wichita, Kansas  
Form ACO-1 (5-86)

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

Sec. 5, Twp 27, Rge 29W

SIDE TWO

Operator Name Rine Exploration Company Lease Name Ingalls Well # 1-5

Sec. 5 Twp. 27S Rge. 29W  East  West County Gray

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.

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

Formation Description  
 Log  Sample

DST #1: 5073'-5101' (St. Louis) 30-60-45-90.  
 Blow: strong throughout. Rec: 640' drilling mud, 180' muddy H2O.  
 IFP 236 - 308 ISIP 2405  
 FFP 426 - 426 FSIP 2359

Name	Top	Bottom
<u>SAMPLE TOPS</u>		
Stotler	3547	- 765
Topeka	3781	- 999
Lansing	4199	-1417
Pawnee	4804	-2022
Cherokee	4841	-2059
Mississippian	5000	-2218
St. Louis	5080	-2298
RTD	5200	-2418
<u>E-LOG TOPS</u>		
Stotler	3544	- 762
Topeka	3781	- 999
Heebner	4144	-1362
Lansing	4196	-1414
Pawnee	4802	-2020
Cherokee	4837	-2055
Mississippian	4998	-2216
St. Louis	5085	-2303
C Zone	5176	-2394
LTD	5207	-2425

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
Conductor	24"	16"		14'	Grent		
Surface	12 1/4"	8 5/8"	24#	526' KB	150 sx. Halliburton Light 100 sx. Flash C		2% cc

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

TUBING RECORD Size Set At Packer at Liner Run  Yes  No

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