

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 67202-2904

Purchaser N/A

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

Contractor: License # 5864
Name Lobo Drilling Company

Wellsite Geologist Tom N. McElroy
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 **OWNO**: old well Info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
04/01/89 04/10/89 4-10-89
Spud Date Date Reached TD Completion Date

4700'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 260 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 #
AIR I 040

API NO. 15-007-22,232-0000

County Barber

125'S C SE 1/4 NW 1/4 Sec 18 Twp 32S Rge 11W West

3175' Ft North from Southeast Corner of Section
3300' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

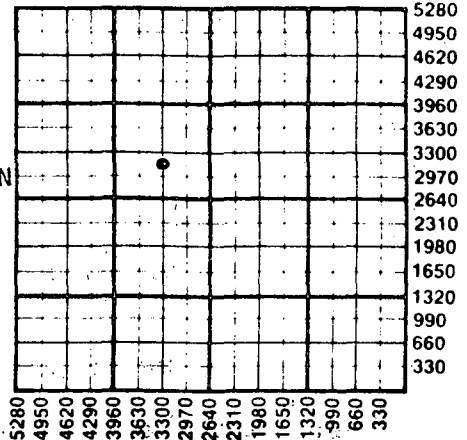
Lease Name Rickson Well # 1-18

Field Name N/A

Producing Formation N/A

Elevation: Ground 1465 KB 1470

Section Plat



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STATE CORPORATION COMMISSION
JUL -7 1989
7-7-89
CONSERVATION DIVISION
Wichita, Kansas

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 #
(Old water well)
 Groundwater 2675 Ft North from Southeast Corner
(Well) 3300 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
 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
Title President Date 06/28/89

Subscribed and sworn to before me this 28th day of June 1989
Notary Public Ginger L. Kelley
Date Commission Expires June 11, 1992

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)

GINGER L. KELLEY
NOTARY PUBLIC
STATE OF KANSAS
Appt. Exp. 6-11-92

7-7-89
Form ACO-1 (5-86)

Sec 18 Twp 32 Rge 11 W

Operator Name Rine Exploration Company Lease Name Rickson Well # 1-18

Sec. 18 Twp. 32 South Rge. 11 West East 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

DST #1: 3486'-3576' (Upper Douglas) 30-30-30-60.
 Blow: fair. Rec. 220' mud.
 IFP 108-- 108 ISIP 1178
 FFP 162 - 162 FSIP 1178

DST #2: 3577'-3620' (Middle Douglas) 30-60-60-90.
 Blow: strong, gas to surface on 2nd open. Rec. 2100' H2O; 117,000 PPM chlorides.
 Gauged: 8,700 CFGPD in 10 min.
 3,370 CFGPD in 20 min.
 2,920 CFGPD in 30 min.
 2,920 CFGPD in 40 min.
 2,920 CFGPD in 50 min.
 2,920 CFGPD in 60 min.
 IFP 487 - 891 ISIP 1019
 FFP 965 - 1019 FSIP 1051

DST #3: 4271'-4309' (Mississippian) 30-60-45-90.
 Blow: strong. Rec. 700' gas in pipe, 55' slightly oil cut mud (5% oil) 10' heavy oil cut mud (30% oil)

Formation Description		
Name	Top	Bottom
<input checked="" type="checkbox"/> Log <input checked="" type="checkbox"/> Sample		
SAMPLE TOPS		
Indian Cave	2535	-1065
Heebner	3497	-2027
Mississippian	4283	-2813
Viola	4556	-3086
Simpson Sand	4645	-3175
RTD	4700	-3230
E LOGS TOPS		
Heebner	3499	-2029
Lansing	3706	-2236
Stark	4091	-2621
Mississippian	4283	-2813
Kinderhook	4443	-2973
Viola	4559	-3089
Simpson Sandstone	4650	-3180
LTD	4704	-3234

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"	23#	260'	60/40 poz. mix	160	2% gel 3% 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	
TUBING RECORD				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 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

DRILLER'S WELL LOG

DATE COMMENCED: Apr 11, 1989
DATE COMPLETED: Apr 11, 1989

RINE EXPLORATION CO
RICKSON #1-B
125' S of C SE NW
Sec. 18, T32S, R11W
Barber County, Ks

0 - 262' Surface Soil, Clay, Shale
262 - 780' Sand & Shale
780 - 1505' Shale
1505 - 2600' Shale & Lime
2600 - 3575' Lime & Shale
3575 - 3652' Lime
3652 - 3888' Shale & Lime
3888 - 4210' Lime
4210 - 4309' Lime & Shale
4309 - 4386' Chert & Lime
4386 - 4496' Lime & Shale
4496 - 4590' Lime
4590 - 4650' Lime & shale
4650 - 4700' Sand, Shale, Lime
4700' RTD

ELEVATION 1470' K.B.

Surface Pipe: Set new
8-5/8" 23# pipe @260'
w/160 sacks 60/40 pozmix
2% gel 3% cc

A F F I D A V I T

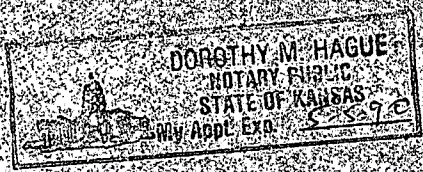
STATE OF KANSAS
COUNTY OF BARTON) ss

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

Ervin Neighbors
Ervin Neighbors

SUBSCRIBED AND SWORN to before me this 11 day of April, 1989

Dorothy M Hague
Notary Public



DST #3 (cont.)

IFP 54 - 54 ISIP 572
FFP 54 - 54 FSIP 859

DST #4: 4558'-4590' (Viola) 30-30-30-60. Rec: 10^h mud.

IFP 54 - 54 ISIP 54
FFP 54 - 54 FSIP 54

DST #5: 4630'-4650' (Simpson) 30-60-30-60. Rec: 360' gas in pipe,
90' oil cut mud, 60' oil cut watery mud.

IFP 54 - 54 ISIP 1706
FFP 108 - 108 FSIP 1706

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