

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 # 5929
Name Duke Drilling Co., Inc.

Wellsite Geologist Tyler Sanders
Phone 316/684-2373

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

03/09/88 03/18/88 03/19/99

Spud Date Date Reached TD Completion Date

4565'

Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 252 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 #

015-I

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 & Geologist Date 07/18/88

Subscribed and sworn to before me this 18th day of July 1988

Notary Public Ginger L. Kelley

Date Commission Expires June 11, 1992



API NO. 15-095-21,585-0000

County Kingman

NE 1/4 NW 1/4 NW 1/4 Sec 16 Twp 29S Rge 7 East X West

4950 Ft North from Southeast Corner of Section

4290 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

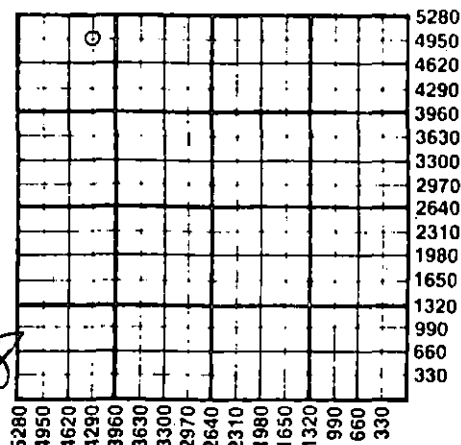
Lease Name Weniger Well # 1-16

Field Name N/A

Producing Formation N/A

Elevation: Ground 1615 KB 1623

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 # T88-146

☒ Groundwater 4950 Ft North from Southeast Corner

(Well) 4290 Ft West from Southeast Corner of

Sec 16 Twp 29S Rge 7 East X 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. #)

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)

7-28-88

Form ACO-1 (5-86)

Sec 16 Twp 29S Rge 7E

Operator Name Rine Exploration Company Lease Name Weniger Well # 1-16Sec. 16 Twp. 29S Rge. 7 ☐ East ☒ West County Kingman

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: 3297'-3312' 30-60-45-60. Strong blow, rec. 1620' water.

IFP 104 - 447 ISIP 1309

FFP 520 - 800 FSIP 1309

DST #2: 3689'-3720' 45-60-45-60. Weak blow, increasing to fair, rec. 135' muddy water with slight show of oil.

IFP 45 - 62 ISIP 1412

FFP 93 - 104 FSIP 1381

DST #3: 4160'-4284' 45-60-45-60. Strong blow, rec. gas to surface in 65 min., too small to measure & 240' mud cut water.

DST #4: 4524'-4544' 45-60-45-60. Weak blow, rec. 60' gas in pipe, 55' saltwater cut mud.

IFP 62 - 62 ISIP 1537 Temp 134°

FFP 72 - 72 FSIP 1495

Name	Top	Bottom
Indian Cave	2196	- 573
Topeka	2785	-1162
Heebner	3163	-1540
Douglas Sandstone	3295	-1672
Brown Lime*	3383	-1763
Cherokee*	4022	-2399
Mississippian	4155	-2532
Kinderhook	4417	-2794
Viola	Absent	
Simpson Sand	4535	-2912
RTD	4564	-2942

*Includes 3' correction from pipe strap.

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"	24#	262'	60/40 poz. mix.	200	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 ☐ Yes ☐ No			
Date of First Production	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ 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
☐ Sold
☐ Used on Lease

☐ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Commingled

2004-10-16

DRILLER'S WELL LOG

DATE COMMENCED: March 9, 1988
DATE COMPLETED: March 19, 1988

RINE EXPLORATION COMPANY
Weniger #1-16
NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$
Sec. 16-29S-7W
Kingman County, KS

0 - 900' Surface Soil, Sand, Red bed, shale
900 - 925' Lime
925 - 1313' Red Bed, Shale & Lime
1313 - 2128' Shale & Lime
2128 - 2896' Lime & Shale
2896 - 3312' Shale & Lime
3312 - 3720' Lime
3720 - 4034' Lime
4034 - 4183' Lime, Shale & Chert
4183 - 4388' Chert & Lime
4388 - 4514' Lime & Shale
4514 - 4542' Shale
4542 - 4565' Shale & Sand
4565' RTD

ELEVATION: 1615' G.L.

Surface Pipe: Set 8-5/8"
24# at 262' with 200
sacks 60/40 pozmix;
2% gel, 3% c.c.

RECEIVED
STATE CORPORATION COMMISSION
STATE CORPORATION

JUL 28 1988

CONSERVATION DIVISION
Wichita, Kansas

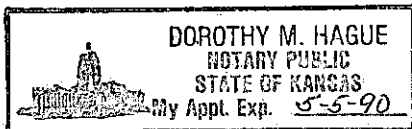
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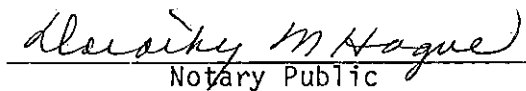
STATE OF KANSAS
COUNTY OF BARTON) ss

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


John Armbruster

SUBSCRIBED AND SWORN to before me this 23 day of March, 1988




Notary Public