

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

Purchaser N/A

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

Contractor: License # 5840  
Name Brandt Drilling Co., Inc.

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

01/03/86 01/20/86 02/28/86  
Spud Date Date Reached TD Completion Date  
5000' 4958'  
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 635 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

API NO. 15-191-21,907-00-00

County Sumner

N1/4 SE1/4 NE1/4 Sec. 7 Twp. 35S Rge. 3 West

3630 Ft North from Southeast Corner of Section  
660 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

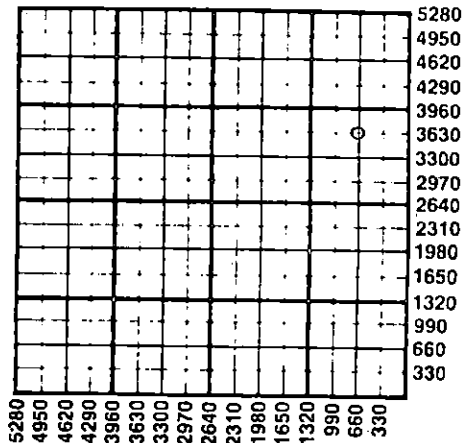
Lease Name Jenista "B" Well # 1-7

Field Name

Producing Formation

Elevation: Ground 1159 KB 1167\*\*

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 #

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge  East  West

Surface Water 3960 Ft North from Southeast Corner (Stream, pond etc) 660 Ft West from Southeast Corner Sec 7 Twp 35S Rge 3  West

Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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 03/07/86

Subscribed and sworn to before me this 7th day of March 1986  
Notary Public Ginger L. Mitchell  
(Ginger L. Mitchell)  
Date Commission Expires June 11, 1988

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

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)

STATE CORPORATION COMMISSION  
Form ACO-1 (7-8)

MAR 13 1986

Sec. 7, Twp 35S, Rge. 3, West

SIDE TWO

Operator Name Rine Exploration Company Lease Name Jenista "B" Well # 1-7  
 Sec. 7 Twp. 35 South Rge. 3 West  West County Sumner

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: 4878'-4892' (Simpson Dolomite) 45-60-60-90.  
 Strong blow, gas to surface in 85 min., 14,000 CFGPD.  
 Rec. 40' gas cut mud, 90' slightly oil gas cut mud &  
 90' heavy oil gas cut mud.  
 IFP 23-35 ISIP 1404 FFP 59-71 FSIP 1416

DST #2: 4902'-4913' (Upper Simpson Sandstone) 45-30-30-30.  
 Weak blow, died in 25 min. on first flow. No blow on second flow. Rec. 40' of mud.  
 IFP 40-40 ISIP 40 FFP 40-40 FSIP 40

DST #3: 4906'-4916' (Lower Simpson Sandstone) 30-30-30-30.  
 Weak blow throughout first flow period. No blow on second flow. Rec. 30' of mud.  
 IFP 11-11 ISIP 986 FFP 23-23 FSIP 811

Name	Top	Bottom
<b>SAMPLE TOPS ***</b>		
Heebner	2910	-1743
Base Stalnaker	3505	-2338
Kansas City	3751	-2584
Cherokee	4168	-3001
Mississippian	4415	-3248
Kinderhook	4791	-3624
Viola-Splm	4859	-3692
Upper Simpson Sd	4902	-3735
RTD	5000	-3833
<b>E-LOG TOPS</b>		
Heebner	2898	-1731
Base Stalnaker	3307	-2140
Kansas City	3741	-2574
Cherokee	4158	-2991
Mississippian	4407	-3240
Kinderhook	4796	-3629
Viola	4864	-3697
Simpson Dolomite	4872	-3705
Upper Simpson Sd	4898	-3731
	RTD 4996	-3829

\*\*Incorrect KB - was 1165 should have been 1167. The sample \*\*\*Pipe strap at 4892' raises tops reflect the corrected all tops 4 ft. from printed KB. datums.

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#	635'	200 sacks of lite common	100 sacks	of
Production	7 7/8"	4 1/2"	10 1/2#	4998'	Ran 12 centralizers, cemented w/200 sacks sure-fill & 500 gal. of mud-flush ahead of cement.		
PERFORATION RECORD Shots Per Foot: 4 Specify Footage of Each Interval Perforated: 4873' - 4880'				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth See attached.			
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 checked="" type="checkbox"/> Other (explain) <i>Temp. aband.</i>			
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity		

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) *none.*  
 Used on Lease

Dually Completed  
 Commingled

Acid, Fracture, Shot, Cement Squeeze Record

Acidized with 400 gal. - 10% FE & 80 bbl. KCL load water.  
Ave. Treatment Pressure - 300#  
Ave. Treatment Rate - 2 bbl./min.  
Initial Shut-In Pressure- 200#  
0# in 20 min.

Total load 89 bbls.

Acidized as follows: load hole with 40,000 SCF Nitrogen

pump	2,500 gal.	70%	Foamed Pad	(gelled water)
pump	1,667 gal.	70%	Foamed FE Acid	(20% HCL)
pump	1,667 gal.	70%	Foamed Pad	
pump	1,667 gal.	70%	Foamed FE Acid	
pump	1,667 gal.	70%	Foamed Pad	
pump	1,667 gal.	70%	Foamed FE Acid	
pump	3,333 gal.	70%	Foamed Overflush	

Displace with 18,000 SCF Nitrogen.

Total load 101 barrels + 330,000 SCF Nitrogen.

Ave. Treatment Pressure - 2300#  
Ave. Treatment Rate - 3½ bbl./min.

Frac as follows:

Pumped 5,000 gal. foam pad - 70% foam.

Pumped 2,000 gal. with .5#/gal. sand.

Pumped 2,000 gal. with .75#/gal. sand.

Pumped 2,500 gal. with 1.5#/gal. sand.

Pumped 1,000 gal. flush.

Sand was all 20/40 mesh, all 70% foam. Flushed with additional 38 MSCF Nitrogen.

Maximum Treating Pressure - 2800#  
Average Treating Pressure - 2350#  
Average Rate - 5 bbls./ min.

RECEIVED  
STATE CORPORATION COMMISSION  
MAR 13 1986  
CONSERVATION DIVISION  
Wichita, Kansas