

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 Texaco Trading & Transportation
104 S. Broadway, Wichita, KS 67202

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

Contractor: License # 5422
Name Abercrombie Drilling, Inc.

Wellsite Geologist Joel A. Alberts
Phone 316/262-6391

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)

If ONWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

05/23/89 05/30/89 06/21/89
Spud Date Date Reached TD Completion Date
4200' 4156.47'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 307 feet
Multiple Stage Cementing Collar Used? Yes ☒ No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from 307 feet depth to Surface w/ 200 SX cmt
Cement Company Name Allied Cementing
Invoice # 54057

API NO. 15-179-20,943

County Sheridan

S. 1 N. 1 NW 1 Sec. 17 Twp. 10S Rge. 26W East West

4290 Ft North from Southeast Corner of Section
3960 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

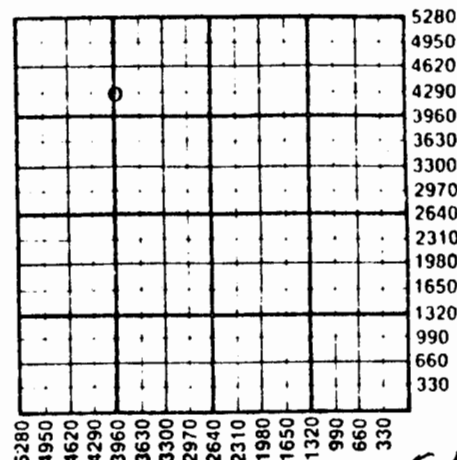
Lease Name Johnson Well # 1-17

Field Name Tilton NE - Revival

Producing Formation Lansing-Kansas City

Elevation: Ground 2626 KB 2631

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 # T.89-257

☒ Groundwater 2970 Ft North from Southeast Corner
(Well) 100 Ft West from Southeast Corner of
Sec 32 Twp 10S Rge 26W 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. #)

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JUL 10 1989

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 exceptions 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 Date 06/30/89

Subscribed and sworn to before me this 30th day of June 1989

Notary Public Ginger L. Kelley
(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/Rap NGPA
KGS Plug Other (Specify)

Form ACO-1 (5-86)

SIDE TWO

Operator Name Rine Exploration Company Lease Name Johnson Well # 1-17Sec. 17 Twp. 10 South Rge. 26 West ☐ East ☒ West County Sheridan

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

ST #1: 3890'-3908' (Lans "B"). Blow: weak bldg.
fair steady. Rec: 500' gas in pipe, 110' gassy free
oil, 20' gas & oil cut mud (36% oil).

FP 21 - 21 (60 min.) ISIP 1006 (45 min.)
FP 31 - 31 (60 min.) FSIP 975 (45 min.)
& "bldg."

ST #2: 3908'-3916' (Lans "C") Blow: fair bldg. to
strong steady. Rec: 732' gas in pipe, 485' gassy oil,
0' gas & mud cut oil.

FP 32 - 114 (45 min.) ISIP 1191 (60 min.)
FF 146 - 199 (45 min.) FSIP 1170 (60 min.)

ST #3: 3925'-3957' (Lans "D-F"). Blow: weak 1 open,
2 open. Rec: 46' oil & water cut mud, 124'
muddy water.

FP 42 - 63 (45 min.) ISIP 1054 (60 min.)
FP 74 - 95 (45 min.) FSIP 1043 (60 min.)

ST #4: 4030'-4090' (Lans "H-K"). Blow: strong.
Rec: 1220' gas in pipe, 122' gas & oil cut mud, 732'
gassy free oil.

Name	Top	Bottom
<u>Sample Tops</u>		
Anhydrite	2263	+ 368
Base Anhydrite	2296	+ 335
Heebner	3834	-1203
Lansing	3872	-1241
Stark	4066	-1435
BKC	4113	-1482
RTD	4200	-1569

<u>E-Log Tops</u>		
Anhydrite	2260	+ 371
Base Anhydrite	2292	+ 339
Heebner	3831	-1200
Lansing	3870	-1239
Stark	4058	-1427
BKC	4102	-1421
LTD	4199	-1568

IFP 53 - 202 (45 min.) ISIP 1305 (60 min.)
FFP 244 - 319 (45 min.) FSIP 1263 (60 min.)

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"	23#	307'	60-40 poz	200	3% cc, 2% gel
Production		4 1/2"	10 1/2#	4199'	EA-2 H-Lite	125 360	18% salt

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4071'-4075' - "K" zone	Treated with 300 gal. MCA	
2	3896'-3901'	Acidized w/1000 gal., 15% MCA	
2	3906'-3910'	& 30 balls. Acidized w/1000 gal.	
		15% NE Acid, Acidized w/1000	
		gal., 15% SGA & 40 balls.	

TUBING RECORD	Size	Set At	Packer at	Liner Run	☒ Yes ☐ No
Used	2 3/8"	4085'			

Date of First Production	Producing Method
06/22/89	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

Estimated Production Per 24 Hours	Oil 114 bbls. Bbls	Gas MCF	Water Trace Bbls	Gas-Oil Ratio CFPB	Gravity
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METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease

☐ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Commingled

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JUN 10 1989