

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. 15-163-22,962-00-00

County Rooks

S 1/2 SE 1/4 NW 1/4 12 10S 17W East
..... Sec..... Twp..... Rge..... X West

2970 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

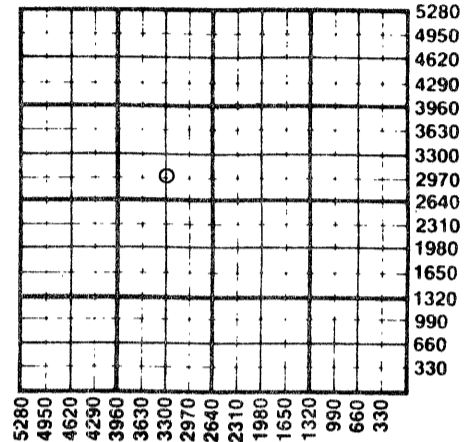
Lease Name Nelson Well # 2-12

Field Name Wildcat

Producing Formation N/A

Elevation: Ground 2010 KB 2015

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.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

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

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 # 5422
Name Abercrombie Drilling, Inc.

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

Designate Type of Completion
X New Well Re-Entry Workover
Oil SWD Temp Abd
Gas Inj Delayed Comp.
X 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
11/18/87 11/25/87 11-25-87
Spud Date Date Reached TD Completion Date
3540'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 311 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from 311 feet depth to Surface, 200 SX cmt
Cement Company Name Allied Cementing
Invoice # 50295

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 2/11/88

Subscribed and sworn to before me this 11th day of February 1988
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 NGPA
KGS Plug Other
RECEIVED
STATE CORPORATION COMMISSION
FEB 10 1988

ACO-1 (5-86)
CONSERVATION DIVISION
Wichita, Kansas

Sec. 12-Twp. 10. Rge. 17

SIDE TWO

Operator Name Rine Exploration Company Lease Name Nelson Well # 2-12

Sec. 12 Twp. 10 South Rge. 17 West East West County Rooks

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input checked="" type="checkbox"/> Sample																																																						
DST #1: 2938'-2975' (Topeka) 30-30-30-60. Weak blow, rec. 70' mud. IFP 95 - 95 ISIP 916 FFP 124 - 95 FSIP 954	<table border="0" style="width:100%"> <tr> <td style="text-align:center">Name</td> <td style="text-align:center">Top</td> <td style="text-align:center">Bottom</td> </tr> <tr> <td colspan="3"><u>SAMPLE TOPS</u></td> </tr> <tr> <td>Anhydrite</td> <td style="text-align:right">1248</td> <td style="text-align:right">+ 767</td> </tr> <tr> <td>Base/Anhydrite</td> <td style="text-align:right">1279</td> <td style="text-align:right">+ 736</td> </tr> <tr> <td>Topeka</td> <td style="text-align:right">2918</td> <td style="text-align:right">- 903</td> </tr> <tr> <td>Heebner</td> <td style="text-align:right">3143</td> <td style="text-align:right">-1128</td> </tr> <tr> <td>Toronto</td> <td style="text-align:right">3169</td> <td style="text-align:right">-1154</td> </tr> <tr> <td>Lansing</td> <td style="text-align:right">3187</td> <td style="text-align:right">-1172</td> </tr> <tr> <td>Arbuckle</td> <td style="text-align:right">3502</td> <td style="text-align:right">-1487</td> </tr> <tr> <td>RTD</td> <td style="text-align:right">3540</td> <td style="text-align:right">-1525</td> </tr> <tr> <td colspan="3"><u>E-LOG TOPS</u></td> </tr> <tr> <td>Anhydrite</td> <td style="text-align:right">1247</td> <td style="text-align:right">+ 768</td> </tr> <tr> <td>Topeka</td> <td style="text-align:right">2923</td> <td style="text-align:right">- 908</td> </tr> <tr> <td>Heebner</td> <td style="text-align:right">3148</td> <td style="text-align:right">-1133</td> </tr> <tr> <td>Lansing</td> <td style="text-align:right">3191</td> <td style="text-align:right">-1176</td> </tr> <tr> <td>Base/Kansas City</td> <td style="text-align:right">3430</td> <td style="text-align:right">-1415</td> </tr> <tr> <td>Arbuckle</td> <td style="text-align:right">3501</td> <td style="text-align:right">-1486</td> </tr> <tr> <td>LTD</td> <td style="text-align:right">3547</td> <td style="text-align:right">-1532</td> </tr> </table>	Name	Top	Bottom	<u>SAMPLE TOPS</u>			Anhydrite	1248	+ 767	Base/Anhydrite	1279	+ 736	Topeka	2918	- 903	Heebner	3143	-1128	Toronto	3169	-1154	Lansing	3187	-1172	Arbuckle	3502	-1487	RTD	3540	-1525	<u>E-LOG TOPS</u>			Anhydrite	1247	+ 768	Topeka	2923	- 908	Heebner	3148	-1133	Lansing	3191	-1176	Base/Kansas City	3430	-1415	Arbuckle	3501	-1486	LTD	3547	-1532
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DST #3: 3271'-3370' (Lansing E,F*,G*,H,I,J) 30-30-30-60. Fair, steady blow. Rec. 70' oil cut mud. IFP 85 - 85 ISIP 868 (Good build- FFP 95 - 95 FSIP 877 up curves)																																																							

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#	311'	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 <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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled