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33-1-356  
RELEASED  
33-1-356  
AUG 21 1991

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 5140  
Name: FRONTIER OIL COMPANY  
Address 125 N. Market, Ste. 1720  
City/State/Zip Wichita, KS 67202  
Purchaser: N/A  
Operator Contact Person: Jean Angle  
Phone ( 316 ) 263-1201  
Contractor: Name: RED TIGER DRILLING CO.  
License: 5302

Wellsite Geologist: Dick Parker

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

If OWMO: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

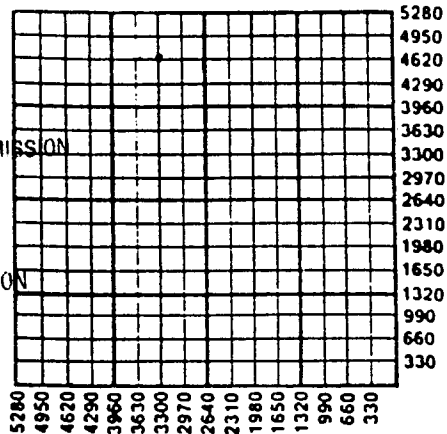
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
5-22-90 6-1-90 N/A  
Spud Date Date Reached TD Completion Date

API NO. 15- 153-20755 FROM CONFIDENTIAL

County Rawlins  
NE NW  33 1S Rge. 35  East West  
4620 Ft. North from Southeast Corner of Section  
3300 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Reeh Well # 2  
Field Name Wildcat  
Producing Formation N/A  
Elevation: Ground 3236 KB 3241  
Total Depth 4490 PBDT 4330

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CONSERVATION DIVISION  
Wichita, Kansas



Amount of Surface Pipe Set and Cemented at 302' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Jean Angle  
Title Agent Date 7-3-90

Subscribed and sworn to before me this 3rd day of July,  
1990.  
Notary Public D'Ann Drennan  
Date Commission Expires 1-1-94



K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

SIDE TWO

Operator Name FRONTIER OIL COMPANY Lease Name Reeh Well # 2

East **CONFIDENTIAL** Rawlins  
 West

33 Twp. 1S Rge. 35

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. (Attached)

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Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets.)  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No  
(Submit Copy.)

Formation Description

Log  Sample

Name	Top	Bottom
Anhydrite	3100	+141
Neva	3618	-377
Wabaunsee	3734	-493
Oread	4053	-812
Heebner	4114	-873
Lansing-KS City	4171	-930
Base of KS City	4437	-1196
RTD	4490	-1249
4 1/2" Pipe at	4479	-1238

DST #1 (4184-4246) 60-45-60-45. Rec. 5' O, 180' SOCM, 120' SO&GCMW, 1075' GW. IF 89-429, FF 468-646, ISIP 1089, FSIP 1096.  
DST #2 (4258-4300) 60-45-30-45. Rec. 50' M w/scum of O on top of tool. IF 25-36, FF 46-46, ISIP 1253, FSIP 1242.

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 1/2"	8 5/8"	20#	302'	60-40POZ	175sx	3%cc, 2%gel
Production	7 7/8"	4 1/2"	10 1/2#	4479'	ASC	200sx	

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	Depth
4	4374-4384	500 gal 15% Mud Acid 4374-84
4	4228-4240	2000 gal NEA Acid 3000 gal 15% NEA Acid 4228-4240

TUBING RECORD

Size 2-3/8" Set At 4191 Packer At 4191

Liner Run  Yes  No

Date of First Production N/A Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: N/A

METHOD OF COMPLETION

Production Interval

Vented  Sold  Used on Lease  Open Hole  Perforation  Dually Completed  Commingled  
(If vented, submit ACO-18.)  Other (Specify)

OPERATOR FRONTIER OIL COMPANY LEASE NAME Reeh

\* 2 SEC. 33 TWP. 1S RGE. 35W

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>DST #3 (4294-4348) 60-45-30-45.  Rec. 40' M w/scum of O. IF 25-25,  FF 42-42, ISIP 1246, FSIP 1236</p>			RELEASED	
<p>DST #4 (4334-4390) 60-45-30-45.  Rec. 15' M w/O specks. IF 31-31,  FF 36-36, ISIP 1064, FSIP 1016.</p>			AUG 2 1 1991	FROM CONFIDENTIAL

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Wichita, Kansas

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