

ORIGINAL

SIDE ONE

29-1-356
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CONFIDENTIAL
MAY 28 1991

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

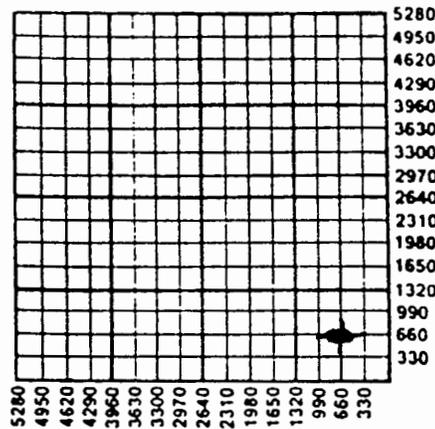
Operator: License # 5140
Name: FRONTIER OIL COMPANY
Address 125 N. Market, Ste. 1720
Wichita, KS 67202
City/State/Zip _____
Purchaser: Koch Oil Company
Operator Contact Person: Jean Angle
Phone (316) 263-1201
Contractor: Name: RED TIGER DRILLING CO.
License: 5302
Wellsite Geologist: Dick Parker

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

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

Drilling Method:
 Mud Rotary Air Rotary Cable
1-8-90 1-18-90 4-10-90
Spud Date Date Reached TD Completion Date

API NO. 15- 153-20,748
County Rawlins FROM CONFIDENTIAL
C SE SE Sec. 29 Twp. 1S Rge. 35 East West
660 Ft. North from Southeast Corner of Section
660 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Kletchka Well # 1
Field Name Wildcat
Producing Formation Lansing-Kansas City
Elevation: Ground 3238 KB 3243
Total Depth 4490 PBDT N/A



Amount of Surface Pipe Set and Cemented at 385 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 4-30-90

Subscribed and sworn to before me this 30th day of April, 1990.
Notary Public D'Ann Drennan
Date Commission Expires 2-10-94



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) IS.
NPDA 5701

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COPY SIDE TWO

ORIGINAL

Operator Name FRONTIER OIL COMPANY Lease Name Kletchka Well # 1
 Sec. 29 Twp. 1S Rge. 35 East West
 County Rawlins

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. **RELEASED**

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 **MAY 2 8 1991**

Log Sample

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Name	Top	Bottom
Anhydrite	3112	+131
Neva	3618	-375
Wabaunsee	3734	-491
Oread	4053	-810
Heebner	4123	-880
Douglas Sand	4133	-890
Lansing	4176	-933
Base of Kansas City	4446	-1203
RTD	4490	-1247

DST #1 (4188-4250) 60-45-60-45. Rec. 280'
 GIP, 935' MCO, 244' OCW, 793' W w/scum of
 oil. IF 133-163, FF 691-880, ISIP 1113,
 FSIP 1113.
 DST #2 (4264-4300) 60-45-30-45. Rec. 125'
 M w/few spks oil. IF 33-55, FF 78-78,
 ISIP & FSIP 1146.

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# new	385	60-40POZ	220	3%cc, 2%gel
Production	7 7/8"	4 1/2"	10 1/2# Used	4465	ASC	175	

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4235-7'	N/A	

TUBING RECORD Size 2-3/8" Set At 4390 Packer At N/A Liner Run Yes No

Date of First Production 4-10-90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
40 BOPD	N/A	N/A	60 BWPD	N/A	25

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval 4235-7'

ORIGINAL

29-1-35W

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SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR FRONTIER OIL COMPANY LEASE NAME #1 Kletchka # SEC. 29 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 (4300-4365): 30-30-30-30. Rec. 3' Mud, IF 22-22, FF 22-22, ISIP 357, FSIP 359.</p> <p>DST #4 (4344-4400) 60-45-60-45. Rec. 685' MW w/few spks of oil. IF 78-189, FF 245-301, ISIP 1146, FSIP 1102.</p>				

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