

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 # 5140  
Name Frontier Oil Company  
Address 125 N. Market, Ste. 1720  
Wichita, Kansas 67202  
City/State/Zip

Purchaser N/A

Operator Contact Person Jean Angle  
Phone 316-263-1201

Contractor: License # 5302  
Name Red Tiger Drilling Co.

Wellsite Geologist Richard D. Parker  
Phone 913-483-5348

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

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

WELL HISTORY

Drilling Method: X Mud Rotary Air Rotary Cable  
11-22-88 11-27-88 11-28-88  
Spud Date Date Reached TD Completion Date  
3752 N/A  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 239' feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set...feet  
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt  
Cement Company Name  
Invoice #

API NO. 15-15-163-23,027-00-00  
County Rocks  
W/2 E/2 NW 7 9S 20W East  
Sec. Twp. Rge. X West

3960 Ft North from Southeast Corner of Section  
3600 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

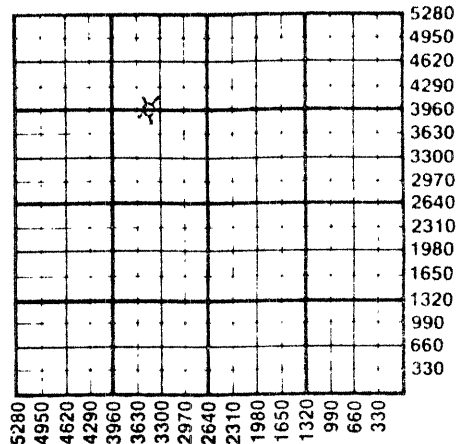
Lease Name Desmarteau Well # 4

Field Name Arpin SW

Producing Formation N/A

Elevation: Ground 2181 2186 KB

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

X Surface Water 4900 Ft North from Southeast Corner  
X Stream, pond xxx 3900 Ft West from Southeast Corner  
Sec 5 Twp 10 Rge 21W East West  
Ms. Alice Smith, Palco, Kansas  
Other (explain)  
(purchased from city, R.W.D. #)

RECEIVED  
STATE CORPORATION COMMISSION  
12/28/88  
DEC 28 1988  
CONSERVATION DIVISION  
Wichita, Kansas

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 James Angle  
Title Agent Date 12-27-88

Subscribed and sworn to before me this 27th day of December 1988.  
Notary Public D'Ann Drennan  
Date Commission Expires 2-10-90



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)  
12-28-88  
Form ACO-1 (5-86)

Sec. 7, Twp. 9, Rge. 20W

Operator Name ..... Frontier Oil Company ..... Lease Name..... Desmarreau ..... Well #..... 4 .....

RELEASED

Sec... 7 ..... Twp... 9S... Rge... 20W...  East  West County..... Rooks .....

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CONFIDENTIAL

WELL LOG

FROM CONFIDENTIAL

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. No log

Drill Stem Tests Taken  Yes  No  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1 (3500-28) 60-30-60-30. Rec. 1622' SW  
IF 145-620 FF 712-764 ISIP 970 FSIP 991

Name	Top	Bottom
Anhydrite	1673	+ 513
Topeka	3186	-1000
Heebner	3396	-1210
Toronto	3418	-1232
Lansing-Kansas City	3435	-1249
Base of Kansas City	3655	-1469
Marmaton	3697	-1511
Cherty Conglomerate	3742	-1556
RTD	3752	-1566

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"	20#	239	60-40 poz	145	3% gel, 3% c.c.

PERFORATION RECORD

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

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
N/A					

Date of First Production	Producing Method
N/A	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
N/A					

METHOD OF COMPLETION

Production Interval

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