

RELEASED

SIDE ONE

19-18-17W ^{3/19/88} KCC and

Date: APR 1 1988
STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
FROM CONFIDENTIAL
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
City/State/Zip Wichita, Kansas..67202

Purchaser... Koch Oil Company
P.O. Box 2256, Wichita, KS..67201

Operator Contact Person ... Jean Angle
Phone ... 316-263-1201

Contractor: License # ... 5302
Name Red Tiger Drilling Company

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

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)
If **OWO**: old well info as follows:
Operator
Well Name
Comp. DateOld Total Depth.....

WELL HISTORY

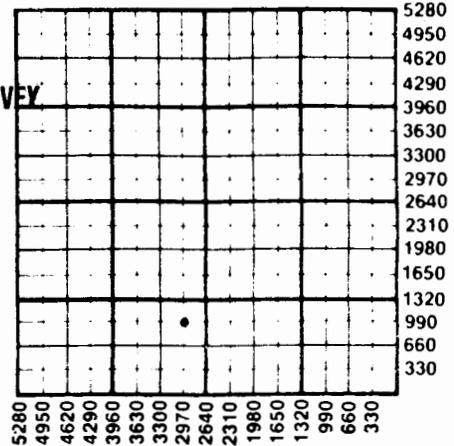
Drilling Method:
 Mud Rotary Air Rotary Cable
29-88 2-7-88 2-8-88
Spud Date Date Reached TD Completion Date
3726 N/A
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1108 feet
Multiple Stage Cementing Collar Used? Yes 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. 15-165-21,400
County... Rush
NE.. SE .SW. Sec.18. Twp.18. Rge..17W East
990
2970
Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name... Seuser Well #... 1
Field Name... WC
Producing Formation... Arbuckle
Elevation: Ground 1981 1986 KB

APR 26 1988

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 #. 88-60
 Groundwater. 900...Ft North from Southeast Corner
(Well) 2900...Ft West from Southeast Corner of
Sec 19 Twp 18 Rge 17 ~~X 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. #)

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 *Jean Dellen*
Title... Agent Date 3-8-88

Subscribed and sworn to before me this 8th day of March 9, 1988
Notary Public *D. Ann Drennan*



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)
RECEIVED
STATE CORPORATION COMMISSION
MAR - 4 1988
Form ACO-1 (5-86)

Sec. 19 Twp. 18 Rge. 17W

CONSERVATION DIVISION
Wichita, Kansas

Operator Name ... Frontier Oil Company Lease Name ... Seuser Well # ... 1

Sec. 19 Twp. 18 Rge. 17W East West County ... Rush

CONFIDENTIAL

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 No Log run
 Log Sample

DST #1 (³³⁷⁸~~3778~~-3398) 60-30-30-30. 1st op - wk blo inc 1st 30", then dec. last 30". 2nd op - wk blo.
 Rec. 60' M, 140' MW IF 62-93 FF 134-134 ISIP 1225 FSIP 1215

Name	Top	Bottom
Anhydrite	1097	+889
Topeka	3061	-1075
Heebner	3311	-1325
Toronto	3331	-1345
Lansing-Kansas City	3364	-1378
Base of Kansas City	3622	-1636
Conglomerate	3696	-1710
Arbuckle	3722	-1736
RTD	3726	-1740

DST #2 (3678-3726) 60-30-60-30. 1st op - str blo off bmt of bucket in 14". 2nd op - str blo off btm of bucket in 25". Rec. 180' GIP, 650' Clean GO, 154' OCM, 166' MOO IF 82-207 FF 269-352 ISIP 1184 FSIP 1163

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 1/2"	8 5/8"	20#	1108	60-40 poz	500	2% gel, 3% c.c.
Production	7-7/8"	4 1/2"	10 1/2#	3723	com	150	10% salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
				250 gal. 15% MCA acid		3726	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size	Set At	Packer at					
2-3/8"	3684	----					
Date of First Production	Producing Method						
3-1-88	<input type="checkbox"/> Flowing <input checked="" 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		
	100 Bbls	-0- MCF	-0- Bbls				

METHOD OF COMPLETION

Production Interval

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

3722-3726

CONFIDENTIAL