

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
City/State/Zip Wichita, Ks. 67202

Operator Contact Person Jean Angle
Phone 316-263-1201

Contractor: license # 5302
name Red Tiger Drilling Company

Wellsite Geologist Joel Alberts
Phone 316-263-1201

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
10-3-84 10-9-84 10-10-84
Spud Date Date Reached TD Completion Date

3764' N/A
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 201.20' 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

API NO. 15-163-22,507-00-00

County Rooks

SW NW SE Sec 8 Twp 9S Rge 20W

1650' Ft North from Southeast Corner of Section
2310' Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

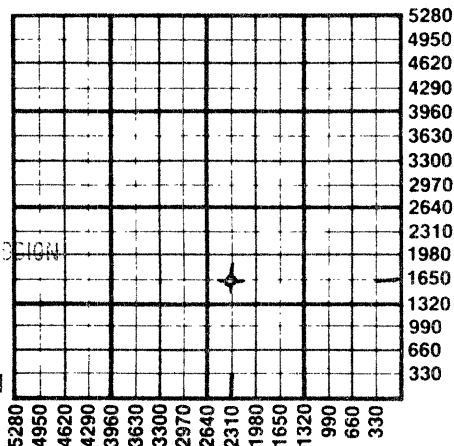
Lease Name Hamel Well# 1

Field Name Arpin So.

Producing Formation N/A

Elevation: Ground 2209' KB 2214'

Section Plat



RECEIVED
11/26/84
NOV 26 1984
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water: Charles Stahl, Zurich, Ks.

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner of (Well) Ft. West From Southeast Corner Sec Twp Rge East West

Surface Water 1100' Ft North From Southeast Corner of (Stream, Pond etc.) 2900' Ft West From Southeast Corner Sec 30 Twp 9 Rge 19 East West

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

Disposition of Produced Water: N/A Disposal Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 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 Angle
Title Agent Date 11-8-84

Subscribed and sworn to before me this 8th day of November 1984

Notary Public Stella Sewell
Date Commission Expires June 24, 1988

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)

Form ACO-1
(This form supercedes previous forms ACO-1 & C-10)

Sec. 8 Twp. 9 Rge. 20W

Operator Name Frontier Oil Co. Lease Name Hamel Well# 1 SEC 8 TWP. 9S RGE. 20W East West

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. **NOT LOGGED.**

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

Formation Description
 Log Sample

DST 1 (3729-3742) 15-30-15-30
 1st op wk blo 5" 2nd op no blo
 Rec. 5'M IF 41-41 FF 41-41
 ISI 415 FSI 332.

Name	Top	Bottom
Anhydrite	1700	(+ 514)
Howard	3167	(- 953)
Topeka	3218	(-1004)
Heebner	3425	(-1211)
Toronto	3453	(-1239)
Lansing	3467	(-1253)
Base Kansas City	3682	(-1468)
Conglomerate	3738	(-1524)
RTD	3764	(-1550)

RELEASED
FEB 07 1986
FROM CONFIDENTIAL

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"	20#	209.60'	Common	140	2% gel. 3% cc
N/A				PERFORATION RECORD			
shots per foot				specify footage of each interval perforated			
N/A				Acid, Fracture, Shot, Cement Squeeze Record			
				(amount and kind of material used)			
				Depth			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
size N/A set at packer at							
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	Gas	Water	Gas-Oil Ratio	Gravity	
		Bbls	MCF	Bbls	CFPB		

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)

Dually Completed.
 Commingled

PRODUCTION INTERVAL