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KCC

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SIDE ONE

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

RELEASED

JUL 01 1992

API NO. 15- 163-23,139

JUN 11

County Rooks
 150' E or _____ East
 NW SW SW Sec. 33 Twp. 9 Rge. 19 West

Operator: License # 5140

Name: Frontier Oil Company

Address 125 N. Market, Ste. 1720

City/State/Zip Wichita, Kansas 67202

Purchaser: N/A

Operator Contact Person: Jean Angle

Phone (316) 263-1201

Contractor: Name: Red Tiger Drilling Co.

License: 5302

Wellsite Geologist: Steve Parker

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

JUN 12 1991

If OWM: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

1-26-91 2-1-91 3-13-91

Spud Date Date Reached TD Completion Date

990 Ft. North from Southeast Corner of Section

4800 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

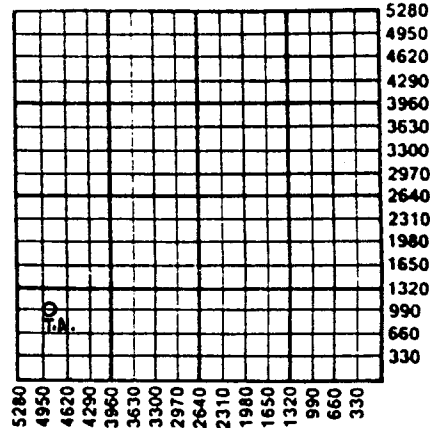
Lease Name Hamel "A" Well # 2

Field Name Lynd

Producing Formation N/A

Elevation: Ground 2218 KB 2223

Total Depth 3742 PBDT N/A



6-12-91

Amount of Surface Pipe Set and Cemented at 220 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1649

150 sx Com, 10% Salt

feet depth to surface w/ 350 sx 60-40 POZx sm6% gel

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 wel's. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

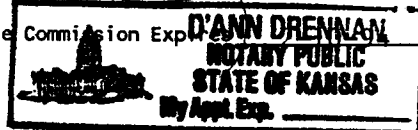
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Jean Angle

Title Agent Date 6-11-91

Subscribed and sworn to before me this 11th day of June, 19 91.

Notary Public D'Ann Drennan



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) F5

61587

CONFIDENTIAL

SIDE TWO

Operator Name Frontier Oil Company Lease Name Hamel "A" Well # 2
 Sec. 33 Twp. 9 Rge. 19W East West
 County Rooks

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

DST #1 (3696-3742) 60-30-60-30
 Rec. 45' O, 30' OCM, 90' OCM IF 100-111
 FF 111-122 ISIP 991 FSIP 936

Name	Formation Description	
	Top	Bottom
Anhydrite	1619	+ 604
Base Anhydrite	1652	+ 571
Heebner	3402	-1179
Toronto	3421	-1198
Lansing-Kansas City	3439	-1216
Base of Kansas City	3665	-1442
Marmaton	3686	-1463
Simpson	3726	-1503
Arbuckle	3740	-1517
RTD	3742	-1519

CASING RECORD DD RTD New Used
 3754.5 -1531.5
 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" (new)	20#	220	60-40 POZ	150	2% gel 3% CC
Production	7-7/8"	5 1/2" (used)	14 1/2#	3741	Com	150	10% Salt
					60-40 Poz	350	6% gel

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

TUBING RECORD Size N/A Set At N/A Packer At N/A 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
<u>N/A</u>					

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____