

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 # 5123
Name Pickrell Drilling Company, Inc.
Address 110 N. Market, Suite 205
City/State/Zip Wichita, KS 67202

Purchaser Clear Creek
McPherson, Kansas

Operator Contact Person Jay McNeil
Phone 262-8427

Contractor: License # 5123
Name Pickrell Drilling Company, Inc.

Wellsite Geologist Billy Klaver
Phone 721-4051

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. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
5-12-87 5-25-87 7-22-87
Spud Date Date Reached TD Completion Date
4600' 4555' (Float)
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 351 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate completion, cement circulated from 4593 feet depth to -0- w/ 425 SX cmt (*)
Cement Company Name Allied Cementing Co.
Invoice # 48825

API No. 15-135,23-120-6250
County Ness
SW NW SW Sec. 4 Twp. 16S Rge. 26 East West

1650 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

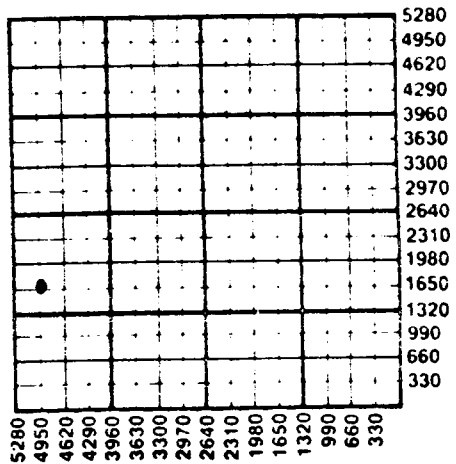
Lease Name Thornburg Well # 1-L

Field Name Prairie Ridge East-Ext.

Producing Formation Toronto

Elevation: Ground 2836 KB 2841

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 # N/A
 Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec 35 Twp 15 Rge 26 East West Gove County, KS
 Other (explain)
(purchased from city, R.W.D. #)

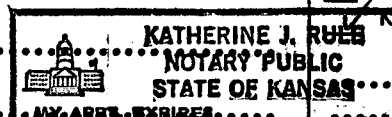
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held 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 C.W. Sebitts
Title C.W. Sebitts, President Date 8-14-87

Subscribed and sworn to before me this 14th day of August 1987

Notary Public Katherine J. Rule
Date Commission Expires June 29, 1988



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)

(*) 250sx Allied ATL plus 175sx Common. Cement did circulate.

SIDE TWO

Operator Name Pickrell Drilling Company, Inc. Lease Name..... Thornburg Well #..... 1-L

Sec..... 4 Twp..... 16S Rge..... 26... East West County..... Ness

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
 Log Sample

SEE ATTACHED FOR DST'S

Name	Top	Bottom
Anhydrite	2056(+585)	
Heebner	3889(-1248)	
Lansing	3929(-1288)	
Stark	4175(-1534)	
Base Kansas City	4234(-1593)	
Pawnee	4373(-1732)	
Fort Scott	4439(-1798)	
Cherokee	4468(-1827)	
Mississippi	4526(-1885)	

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#	351' KB	60/40poz	205	2% gel 3% CC
Production	7 7/8"	4 1/2"	10 5/8#	4593'	ATL Common	250 175	1# flo seal SS & FR
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	4134-4138			Various acid jobs		All	
4	4121-4123			three squeezed off or			
4	4015-4017			below B.P.			
4	3909-3911 (Toronto)			None			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer at			
2 3/8"		3932'					
Date of First Production		Producing Method					
7-22-87		<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	
2.51 Bbls		Nil	MCF	122.5 Bbls		CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3909-3911 (Toronto)
 Used on Lease Dually Completed
 Commingled

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205

WICHITA, KANSAS 67202-1996

(316) 262-8427

#1 Thornburg 'L'
SW NW SW
Sec. 4-16S-26W
Ness County, Kansas

Drill Stem Tests taken on the above well as follows:

DST #1 3878'-3942', 30"-45"-90"-90", Rec. 90' Gsy Oil, 180' O&WCM (5% oil), 1110' S10CW (2% oil), IFP 105#-264#, FFP 338#-663#, ISIP 1205#, FSIP 1205#.

DST #2 4004'-4025', 30"-45"-90"-90", Rec. 35' oil, 63' OCM (5% oil), 120' M&OCW (3% oil), IFP 63#-63#, FFP 84#-105#, ISIP 1131#, FSIP 1152#.

DST #3 4080'-4106', 30"-45"-90"-90", Rec. 20' OSpkMud, IFP 52#-52#, FFP 63#-63#, ISIP 1205#, FSIP 1100#.

DST #4 4108'-4140', 30"-45"-90"-90", Rec. 840' GIP, 125' Gsy Oil (41° gravity), 120' HOCM (20% oil), IFP 52#-74#, FFP 95#-116#, ISIP 1246#, FSIP 1215#.

DST #5 4147'-4169', 30"-45"-30"-30", Rec. 5' OSpkM, IFP 42#-42#, FFP 42#-42#, ISIP 42#, FSIP 42#.

DST #6 4172'-4194', 30"-30"-30"-30", Rec. 5' mud, IFP 42#-42#, FFP 52#-52#, ISIP 52#- FSIP 52#.

DST #7 4430'-4485', 30"-30"-30"-30", Rec. 10' mud, IFP 52#-52#, FFP 63#-63#, ISIP 591#, FSIP 509#.

DST #8 4533'-4544', 30"-30"-30"-30", Rec. 5' OCM, IFP 42#-42#, FFP 74#-74#, ISIP 653#, FSIP NR.

DST #9 4550'-4564', 30"-30"-30"-30", Rec. 15' mud, IFP 31#-31#, FFP 41#-41#, ISIP 51#, FSIP 164#.

DST #10 4555'-4575', 30"-45"-30"-30", Rec. 60' mud, IFP 52#-52#, FFP 63#-74#, ISIP 809#, FSIP 570#.

STARTED

SEP 18 1987

WICHITA, KANSAS