

ORIGINAL

SIDE ONE

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

Operator: License # 5420

Name: White & Ellis Drlg., Inc.

Address P. O. Box 48848

City/State/Zip Wichita, KS 67201-8848

Purchaser: N/A

Operator Contact Person: Michael L. Considine

Phone (316) 263-1102

Contractor: Name: White & Ellis Drlg., Inc.

License: 5420

Wellsite Geologist: Thomas Funk JUN 12 1991

Designate Type of Completion
 New Well Re-Entry Workover
Wichita Kansas

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

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

2-7-91 2-17-91
Spud Date Date Reached TD Completion Date

API NO. 15- 109-20,498 - 0000

County Logan

C SW NW SE Sec. 26 Twp. 11 Rge. 33 East West

1650 Ft. North from Southeast Corner of Section

2310 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

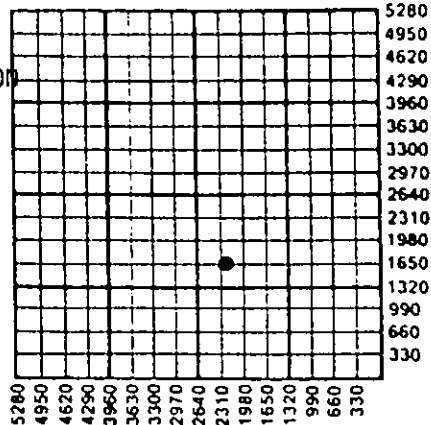
Lease Name Bertrand Well # 2

Field Name Cook South

Producing Formation N/A

Elevation: Ground 3091' KB 3096'

Total Depth 4700' PBDT _____



A 1-2 DKA

Amount of Surface Pipe Set and Cemented at 334 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

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 wells. 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.

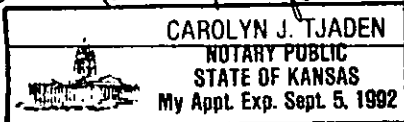
Signature Michael L. Considine

Title Secretary-Treasurer Date 6-6-91

Subscribed and sworn to before me this 6th day of June, 19 91.

Notary Public Carolyn J. Tjaden

Date Commission Expires _____



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)

SIDE TWO

Operator Name White & Ellis Drlg., Inc. Lease Name Bertrand Well # 2

Sec. 26 Twp. 11 Rge. 33 East West
 County Logan

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.)

(See attached DST information)

Formation Description		
Name	Top	Bottom
Anhydrite	2584	
B/ Anhydrite	2610	
Heebner	4002	
Lansing	4039	
Muncie Creek	4181	
Stark	4259	
Marmaton	4354	
Cherokee Shale	4547	
Johnson Zone	4589	
Mississippi	4650	
RTD	4700	

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	23#	334'	60/40 poz	190	3% CC 2% Gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer At					
Date of First Production	Producing Method <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	Gravity		

Disposition of Gas: Vented Sold Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

Production Interval _____

ORIGINAL

DRILL STEM TEST RESULTS

Bertrand #2
C SW NW SE
Section 26-11S-33W
Logan County, Kansas

- DST #1: 4102'-4128' (Lansing E), 30-30-30-30, Recovered
20' SOCM (1% O, 99% M), IFP 12#-12#, FFP 24#-24#,
ISIP 947#, FSIP 783#
- DST #2: 4175'-4205' (Lansing H), 30-30-30-30, Recovered
58' GIP, 2' clean oil, 5' SOCM (2% O, 98% M),
IFP 12#-12#, FFP 12#-12#, ISIP 157#, FSIP 48#
- DST #3: 4230'-4255' (Lansing J), 30-45-45-60, Recovered
90' GIP, 10' clean oil, 60' SOWCM (5% O, 10% W,
85% M), IFP 24#-36#, FFP 36#-48#, ISIP 654#,
FSIP 654#
- DST #4: 4255'-4280', 30-30-30-30, Weak blow died in 13
minutes. Recovered 10' OCM (10% O, 90% M), IFP
12#-12#, FFP 12#-12#, ISIP 288#, FSIP 228#
- DST #5: 4535'-4607' (Johnson), 30-30-30-30, Recovered 5'
SOCM (1% O, 99% M), IFP 24#-24#, FFP 24#-24#, ISIP
121#, FSIP 60#

RECEIVED
STATE COMMISSION

JUN 12 1991

CONSERVATION DIVISION
Wichita, Kansas