

SIDE ONE

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

API NO. 15- 109-20,489

FROM CONFIDENTIAL

County Logan
NE SE NW Sec. 7 Twp. 12S Rge. 33 East West

Operator: License # 5886

3630 Ft. North from Southeast Corner of Section

Name: Chief Drilling, Inc.

2970 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address 224 E. Douglas, #530

Lease Name Bertrand Well # 1-7

City/State/Zip Wichita, KS 67202

Field Name Wildcat

Purchaser: none

Producing Formation None

Operator Contact Person: Douglas W. Thimesch

Elevation: Ground 3175 KB 3182

Phone (316) 262-3791

Total Depth 4790 PBTD ----

Contractor: Name: Chief Drilling, Inc.

License: 5886

Wellsite Geologist: Jerry Jespersen STATE CORPORATION COMMISSION

Designate Type of Completion
 New Well Re-Entry Workover

RECEIVED
AUG 2 1990

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

CONSERVATION DIVISION
Wichita, Kansas

If OWMO: old well info as follows:
Operator: _____

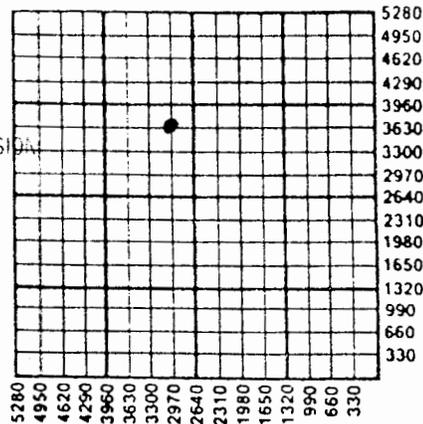
Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

7-13-90 7-24-90 7-24-90

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 345 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 Douglas W. Thimesch
Title Vice President Date 7-31-90

Subscribed and sworn to before me this 31st day of July, 90.

Notary Public Betty M. Abbott
Date Commission Expires January 22, 1991



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)

COPY

SIDE TWO

Operator Name Chief Drilling, Inc.

Lease Name Bertrand

Well # 1-7

Sec. 7 Twp. 12 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 sheet

Formation Description
 Log Sample
Name _____ Top _____ Bottom _____
RELEASED
AUG 21 1991
FROM CONFIDENTIAL

See attached sheet

CASING RECORD

New 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#	345'	60/40 pozmix	175	3% c.c., 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	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 _____