

ORIGINAL

JAN 31 1990

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 # 8628

Name: CREDO PETROLEUM CORP.

Address 1860 Lincoln St., Suite 1000
Denver, CO 80295

City/State/Zip _____

Purchaser: N/A

Operator Contact Person: Hal D. McVey

Phone (303) 830-8500

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: Craig C. Ramsey

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj. Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If ~~USED~~ old well info as follows:

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

11/28/89 12/09/89 12/09/89

Spud Date 11/28/89 Date Reached TD 12/09/89 Completion Date 12/09/89

API NO. 15- 119-20,801-6000

County MEADE

C SE NW Sec. 8 Twp. 31 Rge. 29 East West

3300 Ft. North from Southeast Corner of Section

3300 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

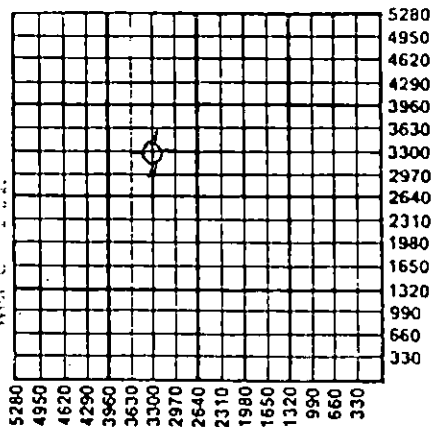
Lease Name BOYD Well # 1-8

Field Name Hockett

Producing Formation D & A

Elevation: Ground 2730 KB 2735

Total Depth 5530 PBTD XX



MAR 05 1990

Amount of Surface Pipe Set and Cemented at 1600 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 [Signature]

Title Operations Manager Date 3/2/90

Subscribed and sworn to before me this 2nd day of March, 19 90.

Notary Public [Signature]

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)

Form ACO-1 (7-89)

My Commission Expires Sept. 28, 1993
 1782 E. Montana Dr.
 Aurora, Colorado 80017

ORIGINAL

SIDE TWO

Operator Name CREDO PETROLEUM Lease Name BOYD Well # 1-8
 Sec. 8 Twp. 31 Rge. 29 East West
 County Meade

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.

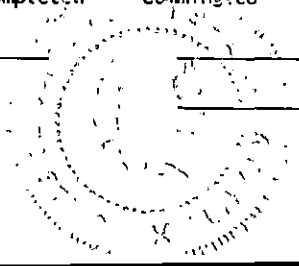
Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Name _____ Top _____ Bottom _____ See ATTACHED
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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"	24#	1600	Premlite	385	
					Prem	150	
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

MARKER HORIZONS

Elevation 2735 K.B."

<u>MARKER</u>	<u>SAMPLE</u>	<u>LOG</u>	<u>S.L. DATUM</u>
Topeka	4232	4234	-1499
Heebner	4278	4279	-1544
Toronto	4330	4330	-1595
Lansing	4426	4426	-1691
Marmaton	5005	5006	-2271
Cherokee		5148	-2413
Atoka	5348	5348	-2613
Morrow Shale	5402	5403	-2668
Mississippian	5406	5407	-2672
Total Depth	5530	5531	-2796

DRILL STEM TESTS

DST #1 5400-5470 Driller and Halliburton depths, Mississippian.

Open 20 minutes, Closed in 60 minutes, Open 60 minutes, Closed in 120 minutes.

Initial open with weak surface blow increasing to 3/4" water.

Second open with weak surface blow increasing to 1/2", decreasing to dead in 25 minutes.

Recovery: 70 feet of drilling mud.

Field Pressures:

Initial Flow Pressures	121# to 121#
Second Flow Pressures	142# to 142#
Shut In Pressures	162# and 223#
Hydrostatic Pressures	2620# and 2600#

Bottom Hole Temperature 124⁰ F.

MAR 05 1990
CONSERVATION
Wichita, Kansas