

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 # 8000
Name PanCanadian Petroleum Company
Address P.O. Box 929
City/State/Zip Denver, CO 80201

Purchaser N/A

Operator Contact Person J.D. Keisling
Phone (303) 825-8371

Contractor: License # 5422
Name Abercrombie Drilling, Inc.

Wellsite Geologist D. Watterson
Phone (303) 825-8371

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If ONWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

Spud Date 3/19/88 Date Reached TD 3/25/88 Completion Date 3/26/88
Total Depth 3850' PBTD

Amount of Surface Pipe Set and Cemented at 310 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt
Cement Company Name B.J. Titan
Invoice #

API NO. 15-065-22444
County Graham
SW NW NE Sec. 2 Twp. 7 Rge. 21 East West

4240 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

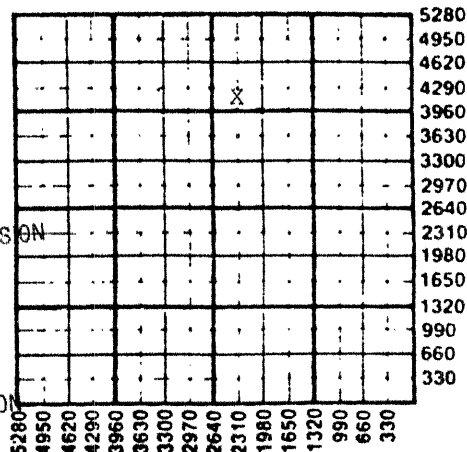
Lease Name Holzman 31-2 Well #

Field Name W/C

Producing Formation

Elevation: Ground 2238 KB 2243

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
MAY 02 1988
5-2-88
CONSERVATION DIVISION
Wichita, Kansas

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 #

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner Sec Twp Rge East West

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West

Other (explain) Pond (purchased from city, R.W.D. #)

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. 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 James D. Keisling
Title Coord., Eng. Opers. U.S. Date 4/25/88

Subscribed and sworn to before me this 25th day of April 1988
Notary Public
Date Commission Expires 15 1991

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)
5-2-88

Sec. 2 Twp. 7 Rge. 21 W

SIDE TWO

Operator Name PanCanadian Petroleum Company Lease Name Holsman 31-2 Well # 1

Sec. 2 Twp. 7 Rge. 21 East West County Graham

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.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>DST #1 3435-3488 15/45/60/90 IFP 52/62 wk ½" bldg to 2" throughout, ISIP 1131, FFP 83/104 vry wk 1" throughout, FSIP 1070, IHP 1803, FHP 1773, BHT 108, Rec'd 1' oil, 74' SW</p> <p>DST #2 3498-3520 15/45/60/90 IFP 31/42 wk ¼" bldg to ½", ISIP 1201, FFP 42/42 vry wk throughout, FSIP 1191, IHP 1803, FHP 1773, BHT 109, Rec'd 20' mud</p> <p>DST #3 3538-3563 15/45/30/90 IFP 21/31 wk bldg to ¼", ISIP 1100, FFP 31/31 wk died in 20 min, FSIP 1110, IHP 1823, FHP 1722, BHT 110, Rec'd 5' slightly oil cut mud</p> <p>DST #4 3611-3642 15/45/60/90 IFP 0/0 vry wk, ISIP 21, FFP 0/0 no blo, FSIP 218, IHP 1863, FHP 1853, BHT 110, Rec'd none</p> <p>DST #5 3670-3750 15/45/60/90 IFP 42/42 wk ½" throughout, ISIP 364, FFP 52/52 no blo, FSIP 250, IHP 1872, FHP 1833, BHT 110, Rec'd 5' mud</p>	<p align="center">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="0" style="width:100%"> <tr> <td style="width:60%">Name</td> <td style="width:20%">Top</td> <td style="width:20%">Bottom</td> </tr> <tr> <td>Stone Corral Anhydrite</td> <td>1862</td> <td></td> </tr> <tr> <td>Topeka</td> <td>3234</td> <td></td> </tr> <tr> <td>Heebner</td> <td>3443</td> <td></td> </tr> <tr> <td>Toronto</td> <td>3465</td> <td></td> </tr> <tr> <td>Lansing-Kansas City</td> <td>3477</td> <td></td> </tr> <tr> <td>Arbuckle</td> <td>3725</td> <td></td> </tr> </table>	Name	Top	Bottom	Stone Corral Anhydrite	1862		Topeka	3234		Heebner	3443		Toronto	3465		Lansing-Kansas City	3477		Arbuckle	3725	
Name	Top	Bottom																				
Stone Corral Anhydrite	1862																					
Topeka	3234																					
Heebner	3443																					
Toronto	3465																					
Lansing-Kansas City	3477																					
Arbuckle	3725																					

RELEASED
6-12-89
JUN 12 1989

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used FROM CONFIDENTIAL							
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 ¼"	8-5/8"	24	310	common	215	2% gel, 3% CaCl ₂
.....
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				
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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation

Sold Other (Specify)

Used on Lease Dually Completed

Commingled