

12/24/89

21-6-22kcc

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
 Date: 1/19/88
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.....

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

Contractor: License # 6033
 Name Murfin Drilling Company

Wellsite Geologist G. N. Repley
 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 OWNED: old well info as follows:
 Operator.....
 Well Name.....
 Comp. Date.....Old Total Depth.....

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
11/14/86 11/23/86 11-23-86
 Spud Date Date Reached TD Completion Date
4050' N/A
 Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 306 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.....
 Invoice #.....

API NO. 15-065-22334
 County.....Graham
 C. NW SW Sec. 21 Twp. 6 Rge. 22 East
 West

1980..... Ft North from Southeast Corner of Section
4620..... Ft West from Southeast Corner of Section
 (Note: Locate well in section plat below)

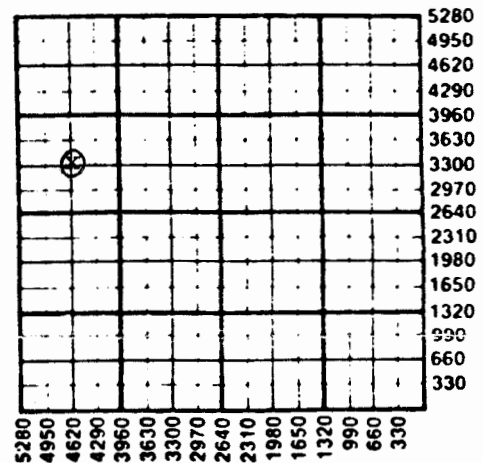
Lease Name.....Paddy 13-21 Well #.....1

Field Name.....Wildcat

Producing Formation.....

Elevation: Ground.....2394'.....KB.....2399'

Section Plat



JAN 19 1988
 KANSAS GEOLOGICAL SURVEY
 WICHITA BRANCH

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
 Docket # N/A..... Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
 Division of Water Resources Permit #.....T86-5824.....

Groundwater.....4260' Ft North from Southeast Corner
 (Well) 4260' Ft West from Southeast Corner of
 Sec 20 Twp 6 Rge 22 East West

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

Other (explain).....
 (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.

SIDE TWO

Operator **PanCanadian Petroleum Company** Lease Name **Paddy 13-21** Well # **1**

Sec. **21** Twp. **6** Rge. **22** 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 3590-3520. 10-45-60-90 min. IFP 98/216, wk blo incr'g to btm of bucket. FFP 271/600 strong blo to btm of bucket thruout. ISIP 1202, FSIP 1103, IHP 1836, FHP 1778, BHT 110°. Rec'd 1180' MCW.</p> <p>DST #2 3665-3640'. 15-45-60-90 min. IFP 31/34, wk blo bldg to 1½" in 15 min. FFP 45/70, wk blo bldg to 5" in 20 min. ISIP 1317, FSIP 1288, IHP 1870, FHP 1813, BHT 110°. Rec'd 115' MCW.</p> <p>DST #3 3688-3669'. 15-45-60-90 min. IFP 15/15 wk blo bldg to 1" in 15 min. FFP 20/25 wk blo bldg to 1". ISIP 1232, FSIP 1141, IHP 1882, FHP 1806, BHT 110°. Rec'd 40' mud.</p> <p>DST #4 3785-3754'. 15-45-60-90 min. IFP 29/29, wk blo. FFP 29/29 no blo. ISIP 605, FSIP 915, IHP 1905, FHP 1880, BHT 110°. Rec'd 2' mud.</p> <p>DST #5 3814-3780'. 15-45-60-90 min. IFP 22/22 wk blo. FFP 25/25 no blo. ISIP 36, FSIP 86, IHP 1917, FHP 1905, BHT 113°. Rec'd 2" free oil.</p> <p>DST #6 4010-4000'. 15-45-60-90 min. IFP 54/171 strong blo bldg to btm bucket in 6 min. FFP 198/445 strong blo bldg to btm bucket in 10 min. ISIP 1145, FSIP 1126, IHP 2043, FHP 2020, BHT 116°. Rec'd 965' SMCW.</p>	<p align="center">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Stone Corral Anhydrite</td> <td>2044</td> <td></td> </tr> <tr> <td>Topeka</td> <td>3409</td> <td></td> </tr> <tr> <td>Heebner</td> <td>3608</td> <td></td> </tr> <tr> <td>Toronto</td> <td>3632</td> <td></td> </tr> <tr> <td>Lansing Kansas City</td> <td>3647</td> <td></td> </tr> <tr> <td>Conglomerate</td> <td>3906</td> <td></td> </tr> <tr> <td>Arbuckle</td> <td>4005</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Stone Corral Anhydrite	2044		Topeka	3409		Heebner	3608		Toronto	3632		Lansing Kansas City	3647		Conglomerate	3906		Arbuckle	4005	
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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	12½	8 5/8	24#	306	Common	205	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
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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).....