

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

API NO. 15-065-22334-0000  
County.....Graham  
.....C.....NW.....SW.....Sec. 21.....Twp. 6.....Rge. 22.....East  
.....West

Operator: License # 8000  
Name PanCanadian Petroleum Company  
Address P O Box 929  
City/State/Zip Denver CO 80201

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

Purchaser.....

Lease Name Paddy 13-21 Well # 1

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

Field Name Wildcat

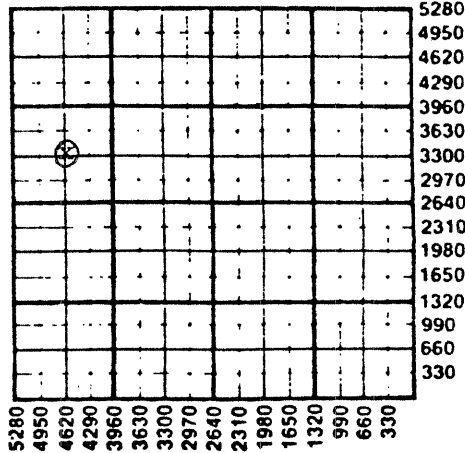
Producing Formation.....

Contractor: License # 6033  
Name Murfin Drilling Company

Elevation: Ground 2394' KB 2399'

Wellsite Geologist G. N. Penley  
Phone (303) 825-8371

Section Plat



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.....

WATER SUPPLY INFORMATION

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

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 #.....

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.

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 M.C. Miller  
M.C. Miller

Title Coordinator Reservoir Engineering U.S. Date 12/27/86

Subscribed and sworn to before me this 22nd day of December 1986

Notary Public Barbara Wolf

Date Commission Expires My Commission Expires February 29, 1988

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)

DEC 24 1986  
CONSERVATION DIVISION  
Wichita, Kansas  
12-24-86

Sec 21, Twp 6, Rge 22 W

**SIDE TWO**

Operator Name 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.**

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

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.  
 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.  
 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.  
 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.  
 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.  
 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.

Name	Top	Bottom
Stone Corral Anhydrite	2044	
Topeka	3409	
Heebner	3608	
Toronto	3632	
Lansing Kansas City	3647	
Conglomerate	3906	
Arbuckle	4005	

**RELEASED**

JAN 17 1988  
 1-13-88  
 FROM CONFIDENTIAL

**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 <sub>2</sub>

**PERFORATION RECORD**

**Acid, Fracture, Shot, Cement Squeeze Record**  
 (Amount and Kind of Material Used)      Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	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