

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 Pan Canadian Petroleum
Address P.O. Box 929
Denver, CO 80202
City/State/Zip

Purchaser Inland Crude

Operator Contact Person Glen M. Jameson
Phone (303) 825-8371

Contractor: License # 5418
Name Allen Drilling Company
Carroll Van Buskirk

Wellsite Geologist ~~Van Buskirk~~
Phone (316) 262-5646

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

If OWWO: old well info as follows:
Operator N/A
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
12-6-85 12-12-85 1-18-86
Spud Date Date Reached TD Completion Date
4010' 3965'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 305 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2017' feet
If alternate 2 completion, cement circulated
from 2017' feet depth to 0' w/.425SX cmt

API NO. 15- 065-22,281-0000
County Graham
SE SW Sec. 17 Twp. 6 Rge. 22 East West

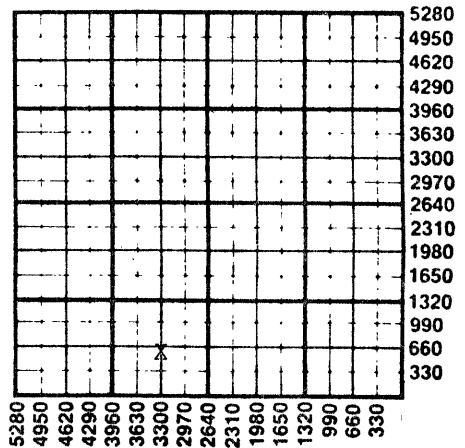
660 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Bethell Well # 4

Field Name Penn

Producing Formation Lansing/Kansas City

Elevation: Ground 2366 KB 2372
Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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 of
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).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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
James D. Keisling
Title Coord. Eng. Operations U.S. Date 1-30-86

Subscribed and sworn to before me this 30th day of January 1986.
Notary Public Janet S. Ritenhouse
Date Commission Expires 10/14/88

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)

Sec. 17 Twp. 6 Rge. 22 W

SIDE TWO

Operator Name Pan Canadian Petroleum Lease Name Bethell Well # 4

Sec. 17 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 [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [] No

Formation Description [X] Log [] Sample

Name Top Bottom

DST #1: 3745-80'. 15-45-60-90. Rec'd 1200' GIP, 2010' cln, gssy oil, 120' MCO. HP 2040-1920, IFP 470-490, FFP 599-817, SIP 1095-1095.

DST #2: 3782-3808'. Misrun. Rec'd 240' mud.

DST #3: 3775-3808. 15-45-60-90. Rec'd 10' mud.

HP 2068-1970, IFP 70-70, FFP 70-70, SIP 795-726.

Stone Corral Anhydrite 2014 (+358)
Heebner 3569 (-1197)
Toronto 3594 (-1222)
Lansing/Kansas City 3611 (-1239)
Conglomerate 3861 (-1489)
Arbuckle 3905 (-1533)

RELEASED 5-11-87 MAY 11 1987

FROM CONFIDENTIAL

CASING RECORD [X] 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 24# 305 Class A 225 3% cc 2% Gel
..Production... 7.7/8 4.1/2 10.5# 4009 Class A 800 3% CC 2% Gel
PERFORATION RECORD
Shots Per Foot Specify Footage of Each Interval Perforated Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
..Two... Lansing/Kansas City "I" 3750-3754' 2750 gal 15% deemulsion 3750-3754'
..Two... Lansing/Kansas City "J" 3759-3766' Acid over LKC "I" & "J" 3759-3766'
TUBING RECORD
Size Set At Packer at Liner Run [] Yes [X] No
4.70# 2-3/8" 3839' none
Date of First Production Producing Method
1-18-86 [] Flowing [X] Pumping [] Gas Lift [] Other (explain)
Estimated Production Per 24 Hours Oil Gas Water Gas-Oil Ratio Gravity
108 Bbls TSTM MCF O Bbls TSTM CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas: [] Vented [] Sold [X] Used on Lease
[] Open Hole [X] Perforation [] Other (Specify) ... 3750-3754'
[] Dually Completed [X] Conmingle ... 3759-3766'