

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 600 Seventeenth St, Ste 1800 S
City/State/Zip Denver, CO 80202

Purchaser: Texaco Trading and Transportation

Operator Contact Person: Glen Jameson/Tom Rubis
Phone: 303-825-8371

Contractor: License # 9087
Name R. & C. Drilling Co., Inc.

Wellsite Geologist: Carroll Van Buskirk
Phone: (316) 262-5646
Wichita, Kansas

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWNO: old well info as follows:

Operator: N/A
Well Name: N/A
Comp. Date: N/A
Old Total Depth: N/A

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

4-22-85 Spud Date
4-30-85 Date Reached TD
5-1-85 Completion Date
3890' Total Depth
3808' PBTD

Amount of Surface Pipe Set and Cemented at 275' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1997' feet
If alternate 2 completion, cement circulated from 1997' feet depth to surface w/ 450 SX cmt

API NO. 15-065-22,174-0000
County: Graham
C. SW NE Sec. 17 Twp. 6 Rge. 22 East West

3300 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

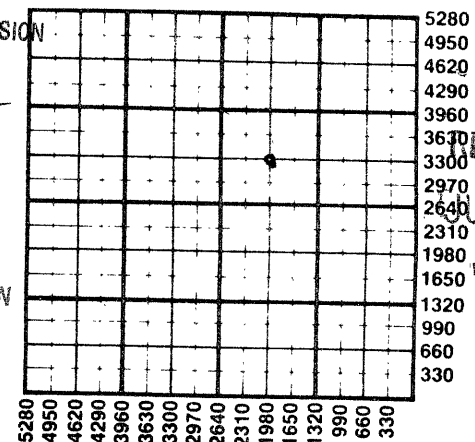
Lease Name: Pennington 32-17 Well #: 1

Field Name: Pen Field

Producing Formation: Lansing-Kansas City

Elevation: Ground 2316' KB 2321'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
JUN 27 1985
6-27-85
CONSERVATION DIVISION
Wichita, Kansas

RECEIVED
STATE CORPORATION COMMISSION
JUN 06 1985
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # Allen Wordester; Rt. 2, Box 79; Hill City, Kansas

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
Title: Coordinator, Engineering Operations
Date: _____ US

Subscribed and sworn to before me this 24th day of June 1985
Notary Public: Karen M. Lambert

Date Commission Expires: March 9, 1986

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Sec 17, Twp 6, Rge 22

SIDE TWO

Operator Name PanCanadian Petroleum Company Lease Name Pennington 32-17 Well # 1

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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

0' - 295' Sand & Shale
 295' - 325' Sand & Hard Sand
 325' - 1508' Sand & Shale
 1508' - 1979' Sand
 1979' - 2010' Anhydrite
 2010' - 2031' Sand & Shale
 2031' - 2745' Shale
 2745' - 3559' Lime & Shale
 3559' - 3808' Lime
 3808' - 3832' Lime & Conglomerate
 3832' - 3890' Shale & Lime R.T.D.

Name	Top	Bottom
Stone Corral Anhydrite	1975'	2009'
Topeka	3328'	3520'
Heebner	3522'	3526'
Toronto	3549'	3560'
Lansing-Kansas City	3565'	3800'
Conglomerate	3810'	3823'
Arbuckle	3851'	3884'

DST #1: 3522'-3618'; 10/45/45/90 IFP 132-132; ISP 1279; Strong blow increased to btm of bucket in 10 min; FFP 204-234; FSIP 1207'; Strong blow throughout; btm of bucket in 19 min. Rec 340' sli oil spotted HWCM.
 DST #2: 3678'-3736'; 10/45/45/90 IFP 142-153; ISIP 1228; 2" blow incr'd to btm of bucket in 4 min, remained throughout, FFP 173-255; FSIP 1146; 2" blow incr'd to btm of bucket in 4½ min; remained throughout. Rec 840' GIP; 60' free oil; 480' MCO.
 DST #3: 3737'-3770' 10/30/30/60 IFP 61-61; ISIP 817; very weak blow incr'd to ½" blow FFP 61-71; FSIP 530; No blow inc'g to ½" blow. Rec 40' oil specked mud. **

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	275'	Common	225	2% Cel. 3% CC
Production 1st	7 7/8"	4 1/2"	10 1/2	3890'	Class A	240	
Production 2nd	7 7/8"	4 1/2"	10 1/2	1996'	Halib-lite	450	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TWO	3810' - 3816'			300 gal 15% MCA			
TWO	3707' - 3723'			800 gal 15% MCA			
TUBING RECORD							
Size 2 3/8"		Set At 3784'	Packer at none	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
5-21-85		<input type="checkbox"/> Flowing <input checked="" 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
60 Bbls		TSTM	MCF	0 Bbls	TSTM CFPB		41.4°

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

** DST #4: 3785'-3832' 10/30/30/60 IFP 61-61; ISIP 1022; Very weak blow inc'g to 1½" blow FFP 71-71; FSIP 1043; Very weak blow inc'g to 1" blow. Rec 20' oil spotted VWCM