

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

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
4-22-85 4-30-85 5-1-85
Spud Date Date Reached TD Completion Date
3890' 3808'
Total Depth 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 450' SX cmt

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	60 Bbls	TSTM MCF	0 Bbls	TSTM CFPB	41.4°

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Sold ☒ Used on Lease

☐ Open Hole ☒ Perforation ☐ Other (Specify)

☐ Fully Completed

API NO. 15-065-22,174
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)

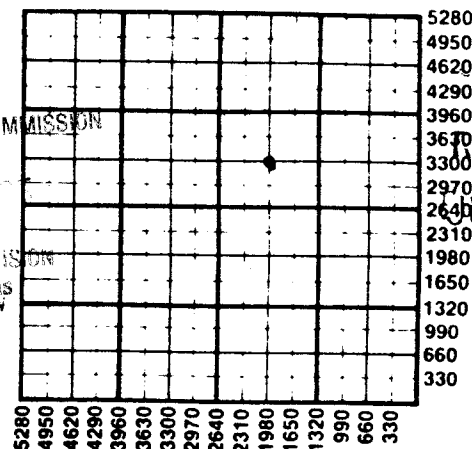
Lease Name Pennington 32-17 Well # 1

Field Name Pen Field

Producing Formation Lansing-Kansas City

Elevation: Ground 2316' KB 2321'

Section Plat



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. #)

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

	Name	Top	Bottom
0' - 295' Sand & Shale	Stone Corral Anhydrite	1975'	2009'
295' - 325' Sand & Hard Sand	Topeka	3328'	3520'
325' - 1508' Sand & Shale	Heebner	3522'	3526'
1508' - 1979' Sand	Toronto	3549'	3560'
1979' - 2010' Anhydrite	Lansing-Kansas City	3565'	3800'
2010' - 2031' Sand & Shale	Conglomerate	3810'	3823'
2031' - 2745' Shale	Arbuckle	3851'	3884'
2745' - 3559' Lime & Shale			
3559' - 3808' Lime			
3808' - 3832' Lime & Conglomerate			
3832' - 3890' Shale & Lime R.T.D.			

- 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 ☒ 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	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		Liner Run ☐ Yes ☒ No	
Size	Set At	Packer at	
2 3/8"	3784'	none	

Date of First Production **5-21-85** Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

** 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