

10/19/88
KCC
19-6-22W

Ind

STATE CORPORATION COMMISSION OF KANSAS

OIL & GAS WELL COMPLETION OR RECOMPLETION FORM

ACO-1 NOV HISTORY

DESCRIPTION OF WELL AND LEASE

FROM CONFIDENTIAL

Operator: License # 8000
PanCanadian Petroleum Company
Name
Address 600 - 17th St., Ste. 1800
Denver, CO 80202
City/State/Zip

Purchaser Koch Oil
P.O. Box 2256, Wichita, KS 67201

Operator Contact Person Jim Keisling/Forrest Moore
Phone (303) 825-8371

Contractor: License # 5422
Abercrombie Drilling, Inc.

Wellsite Geologist Gary Penley
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 OWWO: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

.06/16/87... .06/23/87... .07/26/87...
Spud Date Date Reached TD Completion Date

.3950'..... .3902'.....
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 313 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2072 feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #

API NO. 15-065-22388

County.....Graham.....

.....NW NE Sec. 19 Twp. 6S Rge. 22 East
..... West

4330 Ft North from Southeast Corner of Section
1900 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

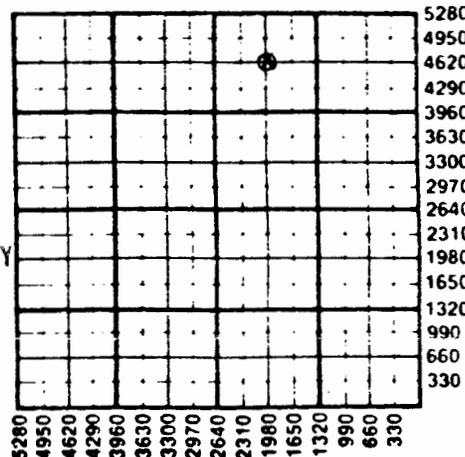
Lease Name Demuth 31-19 Well # 2

Field Name Penn

Producing Formation Lansing-Kansas City

Elevation: Ground 2395' KB

Section Plat



NOV 17 1988

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # 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 6S 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 James D. Keisling
Coordinator, Eng. Ops. U.S. Date 9/29/87

Subscribed and sworn to before me this 29th day of September 1987
Notary Public

State Commission Expires March 18, 1991

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

OCT 13 1987

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. 19, Twp. 6S, Rge. 22E

Operator Name **PanCanadian Petroleum Company** Lease Name **Demuth** Well # **2**

Sec. **19** Twp. **6S** 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 L/KC "I" zone 3768-3781' 15-45-60-90
 IHP 1974, FHP 1974, IFP 42-42, ISIP 42, FFP 42-42, FSIP 42. Sampler 2000 cc drlg mud.

DST #2 L/KC "J" zone 3781-3796' 15-45-60-90
 IHP 2038, IFP 52-63, ISIP 158, FFP 62-63, FSIP 180, FHP 2027. Recovery 1000 cc oil, 1000 cc mud.

DST #3 L/KC "K" & "L" 3796-3825' 15-45-60-90
 IHP 2048, IFP 63-63, ISIP 902, FFP 63-63, FSIP 985, FHP 2027. Recovery 2000 cc mud w/trace oil.

Name	Top	Bottom
Stone Corral Anhydrite	2059	+356 ss
Topeka	3405	-1001 ss
Heebner	3597	-1193 ss
Toronto	3626	-1222 ss
Lansing-Kansas City	3641	-1237 ss
Conglomerate	3893	-1488 ss

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	313	C1 "A"	200	2% gel, 3% CaCl
Production	7-7/8"	4 1/2"	11.6/10.5	2949	C1 "A"	270	2% CaCl2 Cell of lake
			2nd Stage	2702	Lite	385	10% Gel Circ to surf
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	3790-3800'			1000 Gal 15% NE Acid		3790'	
				1500 Gal SGA Acid			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
7/26/87		<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	
46 Bbls		TSTM	MCF	2 Bbls	10	CFPB	40

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3790-3300'
 Used on Lease Dually Completed
 Commingled