

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 P.O. Box 929
Denver, CO 80202
City/State/Zip

Purchaser Diamond Shamrock

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

Contractor: License # 5418
Name Allen Drilling Company

Wellsite Geologist D. Watterson
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

..9/3/86... ..9/11/86... ..9/21/86...
Spud Date Date Reached TD Completion Date
..4015'... ..3969'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at..304feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set..1778...feet
If alternate 2 completion, cement circulated
from..1778...feet depth to..surface/240SX cmt
Cement Company Name Halliburton Serv. Co.
Invoice # 401480-2

API NO. 15-065-22,322 7000

County Graham

C SE NE Sec. 19 Twp. 6S Rge. 22 East
..... X West

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

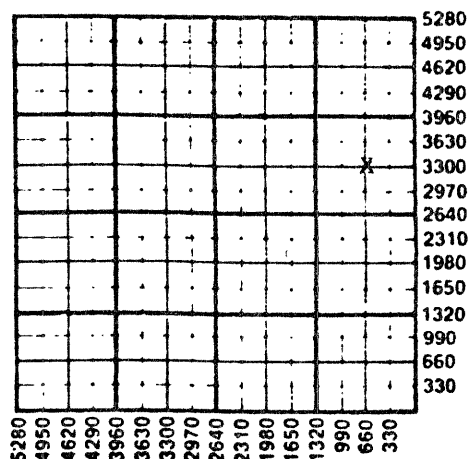
Lease Name Demuth 42-19 Well # 3

Field Name Penn

Producing Formation Lansing/Kansas City

Elevation: Ground 2417' KB 2422'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # N/A 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 X West

N/A Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

N/A 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
James D. Keisling

Title Coord., Eng. Operations U.S. Date 10/1/86

Subscribed and sworn to before me this 1st day of October 1986

Notary Public Karen Peters

My Commission expires June 19, 1990

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)

REC'D 10-6-86

Form ACO-1 (5-86)

The undersigned hereby certifies that he is Coord., Eng. Operations U.S. for PanCanadian Petroleum Company, a duly authorized agent, that all information shown hereon is true and correct to the best of his knowledge and belief, and that all acreage claimed as attributable to the well named herein is held by production from that well.

Subscribed and sworn to before me on this 2nd day of October 1986

James D. Keisling
James D. Keisling
Notary Public
Karen Peters

My Commission expires My Commission expires June 19, 1990

OCT 6 1986 10-6-86

PLAT AND CERTIFICATION OF ACREAGE ATTRIBUTABLE TO AN OIL WELL

State Corporation Commission, Conservation Division
200 Colorado Derby Bldg. Wichita, Kansas 67202

OPERATOR PanCanadian Petroleum Company

LOCATION OF WELL:

LEASE DEMUTH

1980 feet from the N line

4620 feet from the W line

WELL NUMBER 42-19 #3

Of the SE of NE of Sec 19 T.6S R.22W

FIELD Penn

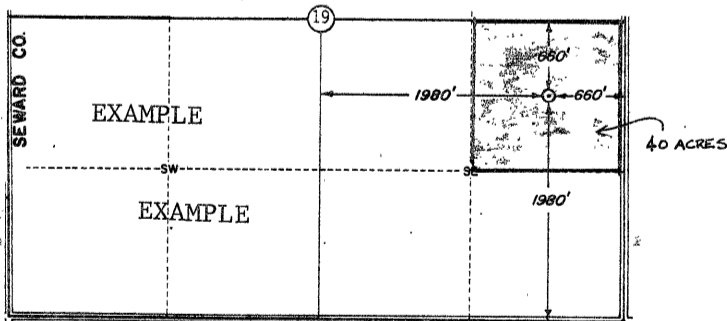
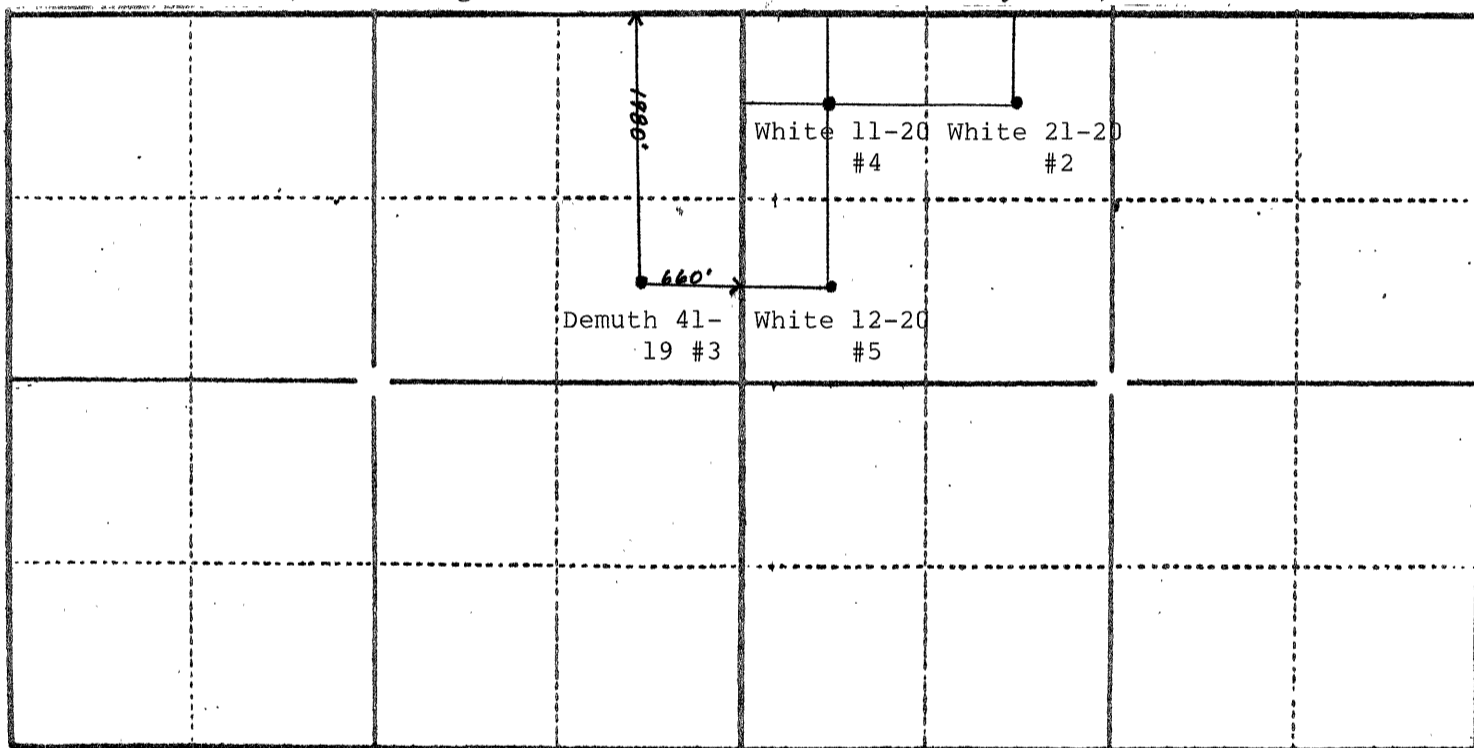
COUNTY Graham

*NUMBER OF ACRES
ATTRIBUTABLE TO WELL 40

DESCRIPTION OF ACREAGE:
SE NE Sec. 19, T6S, R22W

PLAT

(Show location of Well and outline attributable acreage)
(Show footage to nearest lease or unit boundary line)



The undersigned hereby certifies that he is Coord., Eng. Operations U.S.
for PanCanadian Petroleum Company, a duly authorized agent, that all information
shown hereon is true and correct to the best of his knowledge and belief, and that
all acreage claimed as attributable to the well named herein is held by production
from that well.

James D. Keisling
James D. Keisling

Subscribed and sworn to before me on this 2nd day of October 1986.

RECEIVED
STATE CORPORATION COMMISSION
CONS. DIV. WICHITA, KS

Karen Peters
Notary Public

My Commission expires My Commission expires June 19, 1990

OCT 6 1986
10-6-86

Operator Name **PANCANADIAN PETROLEUM COMPANY** Lease Name **DEMUTH 42-19** Well # **3**

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: 3580-3615' Lower Heebner 10/45/45/90. Rec 60' water cut mud w/specks of oil and 60' muddy wtr IFP: 54/54, ISP: 1287, FSIP: 1255, HP: 1950/1940, FFP: 65/76

DST #2: 3797-3828' Lansing/Kansas City 10/45/60/90 Rec 140' gas in pipe, 2' oil, 45' mud cut oil, (70% oil, 20% mud, 10% gas), 124' MCO, IFP: 68/69, FFP: 78/88, ISIP: 255, FSIP: 255, IHP: 1976, FHP: 1976

DST #3: 3827-3853' Lansing/Kansas City 10/45/30/30 Rec 1' of mud. IFP: 21/21, FFP: 21/21, IHP: 1950, FHP 1940, SIP: 76/70

Name	Top	Bottom
Stone Corral Anhydrite	2065	(+357)
Topeka	3427	(-1005)
Heebner	3622	(-1200)
Toronto	3656	(-1234)
Lansing/Kansas City	3668	(-1246)
Base of KC	3882	(-1460)
Conglomerate	3920	(-1498)
Arbuckle	3968	(-1546)

RELEASED

NOV 17 1987

11-17-87

FROM CONFIDENTIAL

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 1/2"	8-5/8"	24	301'	Class A	205	CaCl
Production	(1st) 7-7/8"	4 1/2"	10.5	4014'	Class A	285	2% CaCl
	(2nd) 7-7/8"	4 1/2"	10.5	1778'	Lite	240	10% gel

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	3816-3824'	Acid	
		2400 gal 15% HCL acid	

TUBING RECORD			
Size	Set At	Packer at	Liner Run
2-3/8"	3822'	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production	Producing Method			
9/21/86	<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
	Swab Rate 144 bbl/D Bbls	TSTM MCF	Swab Rate 14 BW/D Bbls	TSTM CFPB	38°

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease

Open Hole Perforated Other (Specify).....

Dually Completed Conmingled

RECEIVED

STATE CORPORATION COMMISSION
 CONS. DIV. WICHITA, KS