

7/31/86
KCC
17-6-25w
Dnd

RELEASED
STATE CORPORATION COMMISSION OF KANSAS
Date: ~~OIL & GAS CONSERVATION DIVISION~~
FROM CONFIDENTIAL
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

SIDE ONE

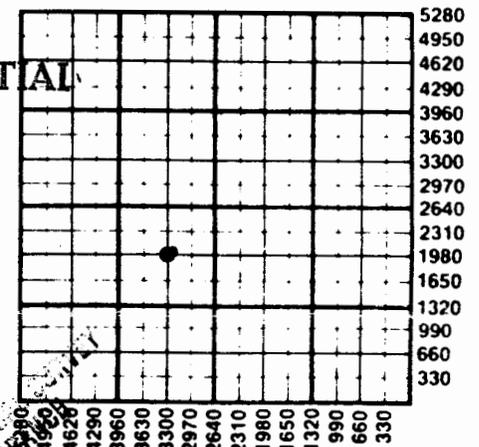
API NO. 15-065-22-318⁷
County.....Graham.....
C.....NE.....SW Sec. 17 Twp. 6S Rge. 22.....
 East
 West

DESCRIPTION OF WELL AND LEASE

Operator: License # 8000
NamePanCanadian Petroleum Company
AddressP.O. Box 929
.....
City/State/Zip Denver, CO 80201
Purchaser.....Koch Oil Company
.....
Operator Contact Person Dave C. Williams
Phone(303) 825-8371
Contractor: License # 6033
NameMurfin Drilling Company
Wellsite Geologist.....D. Watterson
Phone.....(303) 825-8371

1980..... 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 23-17.....Well #. 3.....
Field Name Pen.....
Producing Formation.....Lansing Kansas City.....
Elevation: Ground.....2339 ft.....KB. 2344 ft.....

Section Plat



CONFIDENTIAL

JUL 31 1986
KANSAS ENERGY BOARD
WICHITA DISTRICT

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

If **OWHO**: old well info as follows:
Operator
Well Name
Comp. DateOld Total Depth.....

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket #N/A..... Repressuring

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
6-14-86..... 6-19-86..... 7-3-86.....
Spud Date Date Reached TD Completion Date
3877 ft. 3830 ft.
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 295 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2018 feet
If alternate 2 completion, cement circulated Yes
from 2018 feet depth to surface / 375 cmt
Cement Company Name: B.J. Hughes

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 duplicate and filed with the Kansas Corporation Commission, 1200 Colorado Derby Building, Wichita, Kansas 67202.

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)

3776-3782 ft.
3734-3740 ft.
3746-3756 ft.

all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

SIDE TWO

Operator Name PanCanadian Petroleum Company Lease Name Bethell 23-17 Well # 3

Sec. 17 Twp. 6S Rge. 22 East West County Graham

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	29 Bbls	TSTM MCF	4 Bbls	TSTM CFPB	38°

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1: 3724-54' 10-45-60-90
 Rec: 10' free oil, 20' OCM (30% oil, 70% mud) and 60' OCM (10% oil, 90% mud).
 HP: 1937/1843 IFP: 105/105
 SIP: 592/360 FFP: 105/105
 BHT = 115°

Name	Top	Bottom
Stone Corral Anhydrite	1996(+348)	
Topeka	3387(-1043)	
Heebner	3550(-1206)	
Toronto	3582(-1238)	
Lansing Kansas City	3594(-1250)	
Conglomerate	3847(-1503)	

Core #1: 3702-3722': Rec'd 10' Red & green sh, 12' dense limestone

Core #2: 3724-54': Rec'd 14' shaly limestone w/6' porosity. Rec'd red & green shale.

Core #3: 3754-62': Rec'd 8' shale - barrel jammed.

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#	295'	Common	195	2% gel, 3% CaCl
Production (1st)	7-7/8"	4 1/2"	10.5#	3874'	Class "A"	245	2% CaCl,
Production (2nd)	7-7/8"	4 1/2"	10.5#	(DV)2018'	50-50 POZ	375	50-50 POZ w/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	3776-3782 ft.	1082 gal 15% HCL acid	
2	3734-3740 ft.	2918 gal 15% HCL acid	
2	3746-3756 ft.		

TUBING RECORD			
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2-3/8"	3821'	none	

Date of First Production July 17 1986 Producing Method Flowline Pumping Gas Lift Other (specify) _____