

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

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Operator: License # 8000
Name ..... PANCANADIAN PETROLEUM COMPANY
Address ..... P.O. Box 929
City/State/Zip ..... Denver, CO 80201

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Purchaser

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

Contractor: License # 6033
Name Murfin Drlg. Company

Wellsite Geologist.....Dan 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 ~~OWO~~: old well Info as follows:

Operator
Well Name
Comp. DateOld Total Depth.....

WELL HISTORY

Drilling Method:

X Mud Rotary ___ Air Rotary ___ Cable

...6/26/86... ...7/2/86..... ...7/2/86.....
Spud Date Date Reached TD Completion Date

...3800'.....
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at.....²⁹⁷feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #

API NO. 15-.....065-22,318 0000

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

SE NW SW Sec. 12 Twp. 7S Rge. 21 East
..... X West

1650 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name.....HOLSMAN 13-12.....Well #.....1.....

Field Name.....Wildcat.....

Producing Formation.....

Elevation: Ground.....2189'.....KB.....2194'.....

Section Plat

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 #.....

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 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..... Date8/4/86.....

Subscribed and sworn to before me this 4th day of August 1986.

Notary Public.....*Shawn Petrus*.....

My Commission expires June 19, 1990

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution

☒ KCC	☐ SWD/Rep	☐ NGPA
☒ KGS	☐ Plug	☐ Other
		(Specify)

SIDE TWO

Operator Name PANCANADIAN PETROLEUM COMPANY Lease Name.....HOLSMAN 13-12.....Well #.....1.....

Sec.....12..... Twp.....7S..... Rge.....21..... ☐ 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: 3392-3442', 10/45/30/30, IFP 21/21, wk ½"
blo ISIP 1062, FFP 32/32 no blo FSIP 987. Rec'd
90' drlg mud.
DST #2: 3493-3532', 10/45/60/90, IFP 78/78 blo
built to 7" in 10 min, ISIP 882, FFP 137/285 blo
building to btm of bucket in 20 in. FSIP 882 Rec'd
248' WCM, 120' MCW, 182' SW.
DST #3: 3578-3616', 10/45/30/30. IFP 59/49 wk
build to 1" in 10 min, ISIP 746, FFP 39/29, wk
blo died in 8 min, FSIP 619. Rec'd 10 SOCM.

Name	Top	Bottom
Stone Corral Anhydrite	1886 (+308)	
Topeka	3187 (-993)	
Heebner	3397 (-1203)	
Toronto	3420 (-1226)	
Lansing-Kansas City	3433 (-1239)	
Arbuckle	3771 (-1517)	

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	12½"	8-5/8"	24#	302	common	210	2% gel, 3% CaCl

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD		Liner Run ☐ Yes ☐ No	
Size	Set At	Packer at	

Date of First Production	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....			
	Oil	Gas	Water	Gas-Oil Ratio
Estimated Production Per 24 Hours	Bbls	MCF	Bbls	CFPB

METHOD OF COMPLETION

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

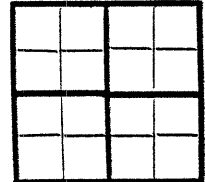
Production Interval

WELL LOG

COMPANY PanCanadian Petroleum Company
P.O. Box 929
Denver, Colorado 80201
FARM Holsman 13-12 NO. 1
RIG. NO. 8
TOTAL DEPTH 3800'
COMM. 06-26-86 COMP. 07-02-86
CONTRACTOR Murfin Drilling Company
250 N. Water, Suite 300
Wichita, Kansas 67202

SEC. T. R.
LOC.

COUNTY KANSAS



CASING
20 10
15 8-5/8" set @ 302' w/210 sx Class H, 2% Gel, 5% CC.
12 6
13 5
ELEVATION
PRODUCTION

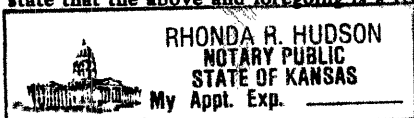
FIGURES INDICATE BOTTOM OF FORMATIONS

Sand & Shale	65'
Shale	302'
Shale & Sand	2033'
Anhydrite	1817'
Shale & Lime	2400'
Shale	2750'
Shale & Lime (RTD)	3800'

State of KANSAS
County of SEDGWICK

I, Robert A. Ramseyer, Jr. of the Murfin Drilling Company

upon oath state that the above and foregoing is a true and correct copy of the log of the #1 Holsman 13-12 well.



Robert A. Ramseyer, Jr.
Robert A. Ramseyer, Jr., Agent for Operator

Subscribed and sworn to before me this 10th day of JULY 1986

My Commission Expires: 11-18-87

Rhonda R. Hudson
NOTARY PUBLIC
Rhonda R. Hudson