

COPY

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

Operator: License # 9362

Name: Williams Natural Gas

Address P.O. Box 580

City/State/Zip Welda, KS 66091

Purchaser: N/A

Operator Contact Person: Mike Murphy

Phone (913) 448-5888

Contractor: Name: McGowen Drilling

License: 5786

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PBDT
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

2.23.95 8.25.95 2.6.96
Start Date Date Reached TD Completion Date

API NO. 15- 087-205360000

County Jefferson

SE SE Sec. 33 Twp. 09 Rge. 20 E W

660 Feet from N S (circle one) Line of Section

660 Feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name McLouth Storage Well # 130

Field Name McLouth Field

~~Reservoir~~ Formation McLouth Sand

Elevation: Ground 1094.5 KB _____

Total Depth 1522 PBDT 1502

Amount of Surface Pipe Set and Cemented at 103 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1520

feet depth to Surface w/ 169 sx cmt.

Drilling Fluid Management Plan ALT 2 JJK 5-30-96
(Data must be collected from the Reserve Pit)

Chloride content 1,200 ppm Fluid volume 100 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 21 1996

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 [Signature]
Title Manager Storage Date 2/20/96

Subscribed and sworn to before me this 19th day of FEBRUARY, 1996.

Notary Public Janet M. Tracker

Date Commission Expires 3-19-96

JANET M. TRACKER
Notary Public - State of Kansas
My Appt. Expires 3-19-96

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify) I

Operator Name Williams Natural Gas Lease Name McLouth Storage Well # 130
 Sec. 33 Twp. 9 Rge. 20 East West
 County Jefferson

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:
 GR - Neutron/Density Porosity
 Dual Induction
 Cement Bond

Name	Formation (Top), Depth and Datum		Sample
	Top	Datum	
Base of Kansas City	800'		
Cherokee	1030'		
Ardmore Lime	1126'		
McLouth	1496'		
Mississippian Transition	1532'		

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"	40	103'	Port "A"	65	2% Gel 3% CaCl
Production	6 1/4"	4 1/2"	10.5	1520'	Poz 50/50	124	6% Gel
					OWC	45	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	1379' - 1383'	NATURAL	

TUBING RECORD
 NONE Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. NONE
 Producing Method Flowing Pumping Gas Lift Other (Explain)
 (INPUT & WITHDRAWAL)

Estimated Production Per 24 Hours
 Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: Gas Storage
 Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION
 Open Hole Perf. Dually Comp. Commingled Other (Specify) _____
 Production Interval 1379 - 1383