

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

Operator: License # 5952

Name: Amoco Production Company

Address PO Box 800 Room 924

City/State/Zip Denver, CO 80201

Purchaser: Williams Natural Gas

Operator Contact Person: Susan R. Potts

Phone (303) 830-5323

Contractor: Name: Eldredge Well Service

License: 9567

Wellsite Geologist: N/A

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:

Operator: Amoco Production Company

Well Name: Crabb-Millard Gas Unit 2HI

Comp. Date 5/5/88 Old Total Depth 2909'

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

4/3/97 Start Date of Re-Entry 4/16/97 Completion Date of Re-Entry

API NO. 15- 055-20703-0001

County Finney

SW - SW - NE - NW Sec. 5 Twp. 26S Rge. 32 X W E

4030 Feet from S/N (circle one) Line of Section

3675 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 Crabb-Millard Gas Unit Well # 2HI

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2872' KB 2882'

Total Depth 2909' PBDT 2705'

Amount of Surface Pipe Set and Cemented at 970 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Pit Not Needed. REENTRY OK
(Data must be collected from the Reserve Pit) 9-19-97

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

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

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 Susan R. Potts

Title Senior Staff Assistant Date 8/6/97

Subscribed and sworn to before me this 6th day of August, 1997.

Notary Public [Signature]
KANSAS CORPORATION COMMISSION
Date Commission Expires January 4, 2001

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)

AUG 08 1997

1070 BROADWAY
DENVER, CO 80201

8-8-97

CONSERVATION DIVISION
WICHITA, KS

Operator Name Amoco Production Company Lease Name Crabb-Millard Gas Unit Well # 2HI

Sec. 5 Twp. 26S Rge. 32 East West County Finney

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> (From Original Completion) Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Herrington	2608'	+274
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Krider	2641'	+241
List All E.Logs Run:		Winfield	2677'	+205
		Towanda	2718'	+164
		Ft. Riley	2779'	+103

CASING RECORD <input type="checkbox"/> New <input checked="" 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	12.25"	8.625"	24	970'	Class C	435	2%CC
Production	7.875"	5.5"	15	2909'	POZMIX Class C	440 160	Cello Seal 4% Cello Seal 4%

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
4	2612-28'; 2640-48'; 2680-90'; 2720-30'	FRAC w/39,500 lbs. of 12/20 sand and 462 bbls. N2 foam.	2612-2690'

TUBING RECORD		Size Set At 2.375" 4.7# J-55 EUE T&C 2688'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. Resumed Production 4/21/97		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas 200 MCFD	Mcf	Water 25 BWPD
				Gas-Oil Ratio
				Gravity

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 2612-2730'

(If vented, submit ACO-18.) Other (Specify) _____