

ORIGINAL

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

API NO. 15- 067-20184-0001

County Grant

NW - NW - NE - SW Sec. 21 Twp. 29S Rge. 38 X W

2590 Feet from SE (circle one) Line of Section

1445 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 Wilks Gas Unit Well # 2

Field Name Panoma

Producing Formation Council Grove

Elevation: Ground 3128' KB 3135'

Total Depth 2916' PBYD 2834'

Amount of Surface Pipe Set and Cemented at 678 Feet

Multiple Stage Cementing Collar Used? Yes X 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 9-19-97
(Data must be collected from the Reserve Pit)

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. _____

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: Barbo Well Servicing

License: 31620

Wellsite Geologist: N/A

Designate Type of Completion

____ New Well X Re-Entry ____ Workover

____ Oil ____ SWD ____ S10W ____ Temp. Abd.

X Gas ____ ENHR ____ SIGW

____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: Amoco Production Company

Well Name: Wilks Gas Unit #2

Comp. Date 7/24/72 Old Total Depth 2916'

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD

____ Plug Back ____ PBYD

____ Commingled ____ Docket No. _____

____ Dual Completion ____ Docket No. _____

____ Other (SWD or Inj?) ____ Docket No. _____

XXX (Acid Job)

3/3/97 _____ 3/18/97

Start Date of Re-Entry _____ Date Reached TD _____ Completion Date of Re-Entry _____

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, 19 97

Notary Public _____

RECEIVED

KANSAS CORPORATION COMMISSION

1670 BROADWAY
DENVER, CO 80201

AUG 08 1997

8-8-1997

CONSERVATION DIVISION
WICHITA, KS

K.C.C. OFFICE USE ONLY		
F	Letter of Confidentiality Attached	
C	Wireline Log Received	
C	Geologist Report Received	
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

Operator Name Amoco Production Company Lease Name Wilks Gas Unit Well # 2

Sec. 21 Twp. 29S Rge. 38 East West
County Grant

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 Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name: Council Grove	Top: 2657'
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Council Grove-Bottom	Datum: 2819'
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
List All E.Logs Run:			

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used (From Original Completion)							
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"	23	678'	Class A	385	None
Production	7.875"	5.5"	14	2916'	Special	530	None

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	2679-85'; 2734-46'; 2761-66'; 2784-88'; 2800-03';	Acidize w/96 bbls. 15% Fe-HCL and flush	2679-2819'
	2809-19'	w/11 bbls. 2% Potassium Chloride.	
		Acidize w/80 bbls. of Mag M and flush	2679-2819'
		w/11 bbls. 2% Potassium Chloride.	

TUBING RECORD	Size 2.375" 4.7# J-55 EUE T&C	Set At 2806'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. Resumed Production 3/13/97 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas 170 MCFD	Mcf	Water 2 BWPD	Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 2679-2819'
 Other (Specify) _____