

COPY *and*

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

Operator: License # 5506

Name: Woolsey Petroleum Corporation

Address: 107 N. Market, Suite 600

City/State/Zip: Wichita, Kansas 67202-1807

Purchaser: Mar Gas Co

Operator Contact Person: I. Wayne Woolsey

Phone: (316) 267-4379

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

wellsite Geologist: Ken LeBlanc

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: n/a

Well Name: _____

Comp. Date: _____ Old Total Depth: _____

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

10/12/1995 10/25/1995 11/21/1995
Spud Date Date Reached TD Completion Date

API NO. 15- 007-224840000

County Barber

75'N -of SW - SE - SE Sec. 27 Twp. 33S Rge. 14W E

405' FSL Feet from SN (circle one) Line of Section

990' FEL Feet from EW (circle one) Line of Section

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

Lease Name Ellis "G" Well # 4

Field Name Aetna

Producing Formation Mississippian

Elevation: Ground 1711' KB 1720'

Total Depth 5330' RTD 5331' LTD PBDT 5280'

Amount of Surface Pipe Set and Cemented at 225' 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 ALT 1 09/ 4-3-96
(Data must be collected from the Reserve Pit)

Chloride content 10,000 ppm Fluid volume NUC bbls

Dewatering method used Dehydration FEB 8

Location of fluid disposal if hauled off site: CON TIAL

Operator Name _____

Lease Name _____ License No. _____

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

County _____ Docket No. _____

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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.

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 Mark P. Stevenson

Title: Mark P. Stevenson, V.P. Operations Date: 02/08/1996

Subscribed and sworn to before me this 8th day of February, 19 96.

Notary Public Debra K. Clingan

Date Commission Expires: March 4, 1998

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	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"/>		<input checked="" type="checkbox"/> Other (Specify) <u>IS</u>

DEBRA K. CLINGAN
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 3-4-98

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KANSAS CORPORATION COMMISSION

Form ACO-1 (7-91)

FEB 08 1996

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Woolsey Petroleum Corporation Lease Name Ellis "G" Well # 4

Sec. 27 Twp. 33S Rge. 14W East West
County Barber

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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.)
See supplemental page
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:
Dual Induction - SFL Gamma Ray w/ Linear Correlation
Litho - Density Compensated Neutron Gamma Ray

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
	Name	Top Datum
	Chase/Herrington	2115 (-395)
	Council Grove	2501 (-781)
	Topeka	3420 (-1700)
	Kanwaka shale	3732 (-2012)
	Heebner	3933 (-2213)
	Toronto	3946 (-2226)
	Douglas sandstone	3980 (-2260)
	Lansing "A"	4126 (-2406)
	Hertha	4536 (-2816)
	Mississippian "C"	4672 (-2952)
	Viola	4998 (-3278)
	Arbuckle	5267 (-3547)

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
Conductor	14-1/4"	10-3/4"	32#	225'	60/40 poz	185	3% cc, 2% gel
Surface	12-1/4"	8-5/8"	28#	1039'	Class A	125	2% cc
Production	7-7/8"	4-1/2"	10.5#	5337'	thixotropic	250	5# kolseal

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				NUL FEB 8 CONFIDENTIAL
<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
2 SPF	4773-4784', 4756-4768' & 4674-4710' (Miss)	3000 gal 15% Fe	same
		22,000# 100 mesh, 209,000# 12/20, 132,000 gal gel	same

TUBING RECORD Size 2.375" Set At 4674' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 01/04/1996 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls. -0-	Gas	Mcf 200	Water	Bbls. 30	Gas-Oil Ratio n/a	Gravity

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

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APR 6 1996

FEB 08 1996

CONSERVATION DIVISION
WICHITA, KS

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ELLIS G-4
 75' N of SW SE SE Sec. 27-33S-14W
 Survey: 405' FSL & 990' FEL
 Barber County, Kansas

CONFIDENTIAL

API# 15-007-224840000
 Elev: G.L. 1711'
 K.B. 1720'
 Spud: 10/12/95

DRILL STEM TESTS

DST #1 2144'- 2167' (Krider) 30-60-60-120

1st op: Strong blow to off btm of bucket in 1 min. No GTS. 2-3" blow back.
 2nd op: Strong blow thruout. No GTS.
 Rec: No GIP. 500' mud cut wtr (10% G, 20% M, 70% W) & 40' M. Total fl: 540'.
Field calcs:
 IHP: 1004 FHP: 1004
 IFP: 53-106 FFP: 138-213
 ISIP: 825 FSIP: 825
 BHT: 98° F

Office calcs:
 IHP: 1027 FHP: 1004
 IFP: 76-101 FFP: 153-225
 ISIP: 821 FSIP: 827

DST #2 3812'- 3858' (Elgin sandstone) 30-60-60-120

1st op: Strong blow off btm of bucket in 1 min, no GTS (bleed 2", no blow back)
 2nd op: Strong blow off btm of bucket immed
 Rec: 2670' W & 120' M. Total fl: 2790'.
Field calcs:
 IHP: 1894 FHP: 1894
 IFP: 480-846 FFP: 1056-1369
 ISIP: 1453 FSIP: 1453
 BHT: 132° F

Office calcs:
 IHP: 1911 FHP: 1828
 IFP: 526-897 FFP: 1091-1380
 ISIP: 1474 FSIP: 1490

Chls 105,000; mud sys 9000. Resistivity of formation wtr: 0.85 @ 95° F.

DST #3 4655'- 4730' (Mississippian "C")

1st op: Strong blow to off btm of bucket in 1 min, no GTS (no blow back)
 2nd op: Strong blow thruout, bleed to 2", no GTS (no blow back)
 Rec: 3000' GIP & 45' GCM (20% G, 80% M). Total fl: 45'.
Field calcs:
 IHP: 2316 FHP: 2316
 IFP: 31-21 FFP: 21-21
 ISIP: 216 FSIP: 1579
 BHT: 126° F

Office calcs:
 IHP: 2329 FHP: 2276
 IFP: 71-34 FFP: 76-37
 ISIP: 313 FSIP: 1611

DST #4 4748'- 4800' (Mississippian "B") 30-60-90-240

1st op: Steady weak blow at 1/2". No GTS (no blow back)
 2nd op: Steady weak blow at 1/2". No GTS (no blow back)
 Rec: 240' GIP & 45' M
Field calcs:
 IHP: 2158 FHP: 2105
 IFP: 10-0 FFP: 0-0
 ISIP: 108 FSIP: 533
 BHT: 126° F

Office calcs:
 IHP: 2374 FHP: 2310
 IFP: 64-29 FFP: 59-26
 ISIP: 120 FSIP: 533

DST #5 4992'- 5030' (Viola) 30-60-60-240

1st op: 3" blow decr to 1/2" (no blow back)
 2nd op: Wk 2" blow decr to no blow (no blow back)
 Rec: 20' SliOCM (2% O, 98% M), no GIP
Field calcs:
 IHP: 2527 FHP: 2474
 IFP: 21-10 FFP: 10-10
 ISIP: 53 FSIP: 512
 BHT: 126° F

Office calcs:
 IHP: 2502 FHP: 2432
 IFP: 121-50 FFP: 91-39
 ISIP: 91 FSIP: 518

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