

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

Operator: License # 31547

Name: Mid-America Pipeline Company

Address 526 South Seminole

City/State/Zip Bartlesville, OK 74003

Purchaser: Mid-America Pipeline Company

Operator Contact Person: Rick Wooldridge

Phone (918) 599-4053

Contractor: Name: Schmoltdt Eng./Rick Young Drilling

License: 31308

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

10/17/96 10/20/96 10/21/96
Spud Date Date Reached TD Completion Date

API NO. 15- 097-214120000 **ORIGINAL**

County Kiowa

NW - NW - NW - SW Sec. 33 Twp. 29S Rge. 17 E/W

395 Feet from S (circle one) Line of Section

40 Feet from E (circle one) Line of Section

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

Lease Name Ashland/Conway Well # L-417

Field Name _____

Producing Formation None

Elevation: Ground _____ KB _____

Total Depth 425-Ft. PBTB _____

Amount of Surface Pipe Set and Cemented at 0-200 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 3 97 3-2-97
(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. _____

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 Ronald M. Fields Ronald M. Fields

Title Vice President Operations Date 12/13/96

Subscribed and sworn to before me this 13th day of December, 1996.

Notary Public Dolores Bell Dolores Bell

Date Commission Expires August 31, 1998

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

Form ACO-1 (7-91)

12-23-96

Operator Name Mid-America Pipeline Company Lease Name Ashland/Conway Well # L-417

Sec. 33 Twp. 29S Rge. 17 East West
 County Kiowa

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:

Log Sample
 Formation (Top), Depth and Datums
 Name Top Datum

Drilling and Resistance Log

CASING RECORD <input 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	14 3/4"	8.625	5.52	200	60/40 Poz	190	

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

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

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj.			Producing Method <input 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 Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

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

ORIGINAL

SCHMOLDT ENGINEERING SERVICES, INC.

DEEP GROUND BED DRILLING AND RESISTANCE LOG

15-097-21412

MID-AMERICA PIPELINE COMPANY
Ashland/Conway #L-417, KCC API #15-097-214120000

Completion Date: October 21, 1996

Sec: NW-NW-NW-SW 33
Township: 29S
Range: 17W
395 Feet From North Line Of Section
40 Feet From West Line Of Section

Location: Ashland - Conway
Milepost 417.30
City:
County: Kiowa
State: Kansas

Hole Diameter: 8-Inch
Hole Depth: 425 Feet
Surface Casing: 200 Feet Of SDR 26
8-Inch in 14-3/4 Inch Hole W/60/40 Poz
Logging Voltage: 14.33 Volts

Depth (feet)	Driller's Log	Amps	Top of Anode	Depth (feet)	Driller's Log	Amps	Top of Anode
0	0-6 Feet Topsoil			190			
5	6-50 Feet Caliche			195			
10				200	1200-Feet Bottom of Casing.	9.4	
15				205		7.8	
20				210		7.4	
25				215		8.3	
30				220	1220-275 Feet Blue Shale W/	8.9	
35				225	Sticks of Clay	8.6	
40				230		8.5	
45				235		8.9	
50	150-60 Feet Caliche Sandstone			240	#10 - Anode @ 240-Ft.	9.4	10
55	& Gravel			245		9.2	
60	160-220 Feet Blue Shale W/Hardi			250		9.0	
65	Sticks of Shale			255	#9 - Anode @ 255-Ft.	10.4	9
70				260		9.8	
75				265		7.4	
80				270	#8 - Anode @ 270-Ft.	6.9	8
85				275	1275-295 Feet Brown Clay W/	7.1	
90				280	Sticks of Clay	7.5	
95				285	#7 - Anode @ 285-Ft.	7.8	7
100				290		7.4	
105				295	1296-302 Feet Sand	7.0	
110				300	#6 - Anode @ 300-Ft.	6.2	6
115				305	1302-425 Feet Red Shale	5.0	
120				310		4.7	
125				315	#5 - Anode @ 315-Ft.	4.9	5
130				320		4.9	
135				325		4.7	
140				330		4.5	
145				335		4.4	
150				340		4.3	
155				345		4.2	
160				350		4.4	
165				355		4.8	
170				360		4.6	
175				365		4.5	
180				370		5.1	
185				375	#4 - Anode @ 375-Ft.	5.3	4

Handwritten notes and a circular stamp are present in the bottom right corner of the log. The stamp contains the text "MID-AMERICA PIPELINE COMPANY" and "KANSAS".

ALLIED CEMENTING CO., INC. 6973

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:
Medicine Lodge

DATE <i>10/23/96</i>	SEC. <i>4</i>	TWP. <i>35S</i>	RANGE <i>26W</i>	CALLED OUT	ON LOCATION <i>12:30 PM</i>	JOB START <i>12:55</i>	JOB FINISH <i>1:10 PM</i>
WELL# <i>1</i>		LOCATION <i>Engelwood 9W S1S</i>		COUNTY <i>Meade</i>		STATE <i>KS</i>	

DATE OLD OR NEW (Circle one)

CONTRACTOR _____ OWNER _____

TYPE OF JOB *Circ. Backside* CEMENT

HOLE SIZE *19 3/4* T.D. *120*

CASING SIZE *8 1/2* DEPTH *120*

TUBING SIZE *1"* DEPTH *120*

DRILL PIPE DEPTH _____

TOOL DEPTH _____

PRES. MAX *120* MINIMUM *50*

MEAS. LINE SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

EQUIPMENT

PUMP TRUCK	CEMENTER <i>Max</i>
# <i>265</i>	HELPER <i>Carl</i>
BULK TRUCK	
# <i>247</i>	DRIVER <i>John</i>
BULK TRUCK	
# _____	DRIVER _____

AMOUNT ORDERED

75 sks 60/40 + 29 gal

COMMON <i>45</i>	@ <i>6.10</i>	<i>274.50</i>
POZMIX <i>30</i>	@ <i>3.15</i>	<i>94.50</i>
GEL <i>1</i>	@ <i>9.50</i>	<i>9.50</i>
CHLORIDE _____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <i>75</i>	@ <i>1.05</i>	<i>78.75</i>
MILEAGE <i>75 x 70</i>	<i>.04</i>	<i>210.00</i>
TOTAL		<i>\$667.25</i>

REMARKS:

Pump 75 sks 60/40 + 29 gal down 1" 7/8

Cement outside 8 1/2" Egg

Cement Circulated to surface

SERVICE

DEPTH OF JOB	<i>120</i>	
PUMP TRUCK CHARGE	<i>445.00</i>	
EXTRA FOOTAGE	@ _____	
MILEAGE <i>70 mi</i>	@ <i>2.85</i> <i>199.50</i>	
PLUG _____	@ _____	
_____	@ _____	
_____	@ _____	
TOTAL		<i>\$644.50</i>

CHARGE TO: *Schmid LT Engineering*

STREET *526 S. SEMINOLE*

CITY *BARTLESVILLE* STATE *OKLA.* ZIP *74003*

FLOAT EQUIPMENT

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
TOTAL		_____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE *Henry Cunningham*

TAX _____

TOTAL CHARGE *\$1311.75*

DISCOUNT *\$196.76* IF PAID IN 30 DAYS

NET # *1114.99*

