

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 33169  
Name: Mid-America Pipeline Company, LLC  
Address: 1426 5th Ave.  
City/State/Zip: McPherson, KS 67460  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Rusty Ramage  
Phone: ( 620 ) 834-2012  
Contractor: Name: Darling Drilling - Rosencrantz - Bemis  
License: 6427  
Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover  
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.  
☐ Gas ☐ ENHR ☐ SIGW  
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD  
☐ Plug Back ☐ Plug Back Total Depth  
☐ Commingled ☐ Docket No. \_\_\_\_\_  
☐ Dual Completion ☐ Docket No. \_\_\_\_\_  
☐ Other (SWD or Enhr.?) ☐ Docket No. \_\_\_\_\_

3/10/07	3/14/07	3/15/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 097-21605-0000  
County: Kiowa  
SE SE SE Sec. 26 Twp. 30S S. R. 19 ☐ East ☒ West  
85' feet from S N (circle one) Line of Section  
40' feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW  
Lease Name: South Leg Well #: MP 406.47

Field Name: South Leg

Producing Formation: \_\_\_\_\_

Elevation: Ground: 2200' Kelly Bushing: \_\_\_\_\_

Total Depth: 320' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 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**

(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume 120 bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: Great Plains

Lease Name: Smith-Unruh #1 License No.: 30163

Quarter NW Sec. 34 Twp. 29 S. R. 19 ☐ East ☒ West

County: Kiowa Docket No.: \_\_\_\_\_

*Alt 3 - Dig - 2/26/09*

**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 of 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: Jody Patton  
Title: Project Assistant Date: 4/9/07  
Subscribed and sworn to before me this 9 day of April

Notary Public: Rhonda S White-Coleman  
Date Commission Expires: 1/2009

**KCC Office Use ONLY**

N Letter of Confidentiality Received  
If Denied, Yes ☐ Date: \_\_\_\_\_  
☐ Wireline Log Received  
☐ Geologist Report Received  
☐ UIC Distribution  
**RECEIVED**  
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**APR 11 2007**

CONSERVATION DIVISION  
WICHITA, KS

## Side Two

Operator Name: Mid-America Pipeline Company, LLC Lease Name: South Leg Well #: MP 406.47  
 Sec. 26 Twp. 30S S. R. 19 ☐ East ☒ West County: Kiowa

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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 Formation (Top), Depth and Datum ☐ Sample  
 Name Top Datum

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
	17.5"	10 3/4"	13,630	200'	Slury	145	

## ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	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  
 (If vented, Submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify)

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# QF 4.10.10 DEEP ANODE DRILLING LOG

REV 1



Job No. 06-248

Date 3/14/2007

Client ENTERPRISE

PO/VO No.

Location COLDWATER

Depth	Logging Volts: 12		Geological Log	Depth	Logging Volts:		Geological Log	No.	Depth	No	Coke	With Coke
	Amps	Ohms			Amps	Ohms						
5			0-3 Top Soil	205	1.20	10.00		1	305	1.50	3.50	
10			3-8 Brown Clay	210	1.90	6.32		2	295	1.20	4.50	
15			8-12 Brown Clay w/	215	2.40	5.00		3	285	1.00	4.50	
20			pieces of caliche	220	1.60	7.50		4	275	1.00	4.60	
25			12-30 Tan Clay Fine sand	225	2.50	4.80		5	265	1.00	4.70	
30			mix 80/20	230	2.30	5.22		6	255	1.10	5.00	
35			30-48 Redish Tan Clay-tight	235	1.10	10.91		7	245	1.10	5.00	
40				240	1.00	12.00		8	235	2.10	5.80	
45			48-76 Tan Clay - Fine Sand	245	1.10	10.91		9	225	1.60	5.70	
50			mix 80/20 - some caliche	250	1.00	12.00		10	215	2.30	6.00	
55				255	1.00	12.00		11				
60				260	1.00	12.00		12				
65				265	1.10	10.91		13				
70				270	1.00	12.00		14				
75			76-80 Tan Clay - fine sand	275	1.00	12.00		15				
80			& cemented sand	280	1.10	10.91		16				
85			80-90 Small Sand	285	1.20	10.00		17				
90			90-93 Tan Clay	290	1.20	10.00		18				
95			93-105 Tan Clay- Caliche	295	1.10	10.91		19				
100			105-115 Tan Clay W/	300	1.20	10.00		20				
105			streaks of small sand	305	1.20	10.00		21				
110				310	1.40	8.57		22				
115			115-138 Small sand & Tan	315				23				
120			Clay	320				24				
125				325				25				
130				330				26				
135			138-160 Tan Clay	335				27				
140				340				28				
145				345				29				
150				350				30				
155				355				31				
160			160-169 Tan Clay-Small	360				32				
165			sand & Rock Pieces of	365				33				
170			red bed	370				34				
175			169-320 Red Bed	375				35				
180				380				36				
185				385				37				
190				390								
195				395								
200	1.70	7.06		400								

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Hole Dia.: 10"	Total Depth: 320	Casing Feet: 200	Dia.: 10"	Type: PVC
No. Anodes: 10	Size and Type: 3884	Anode Lead: Size: #8	Type: EXAR	
Lbs. Coke: 5000	Coke Type: SC-3	Top of Coke Column: 212	Vent: 1"	
Lbs. Plug	Plug Type: BENTONITE	Top of Plug: SURFACE		

# Heft & Sons, L.L.C.

620-723-2295 PLANT

620-723-2495 OFFICE

Ready Mix  
Sand  
Fill Dirt  
Lease Roads/Driveways

Graders  
Loaders  
Backhoes

Rock  
Gravel  
Recycled Asphalt  
Parking Lots

To DARLANN DRILLING  
1211 W 4 Hutchinson KS  
Date 3-13-07 67503

Quantity	Material	Unit Price	Total
	Cu. Yd. Rock Mix ( ) P.S.I.		
	Cu. Yd. Sand Mix ( ) P.S.I.		
	Hot Water		
	Calcium Chloride		
	Sand Rock		
<u>18</u>	Mileage		
<u>77</u>	<u>CEMENT SACKS SLURRY</u>		
Approx. Slump _____ In.		Entrained Air _____ %	
Add Mix Used			
Time Loaded	<u>2:30</u> <u>AM</u>	CAUTION! Cement powder or freshly mixed concrete, grout or mortar may cause skin injury. Avoid contact with skin and wash exposed skin areas promptly with water.	
Time Arrived on Job	<u>3:00</u> <u>PM</u>		
Time Unloaded	<u>5:00</u> <u>PM</u>		
Amount of Water Added		<u>40</u> Gal.	
Loaded By <u>C.S.</u>			
Delivered By <u>L.T.</u>		Resale	
Charge ( ) Cash ( )		Total	

We assume no responsibility for damage to sidewalks, buildings, trees, etc., when required to deliver inside the curb line. Additional water added to this concrete will reduce its strength and durability. Any water added is at customer's own risk.  
Free waiting time 20 min., unloading time 40 min. will be allowed. There will be a charge of 8 cents for each additional minute.

NO CREDIT ALLOWED FOR CONCRETE RETURNED  
NO CANCELLATION ALLOWED AFTER THE TRUCK IS LOADED  
2% interest per month added to unpaid accounts after 30 days - minimum charge 50¢ per month.

Received By

Doug Dodson

Taylor Printing, Inc., Pratt, KS 1-800-870-7102

4918

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# Heft & Sons, L.L.C.

620-723-2295 PLANT

620-723-2495 OFFICE

Ready Mix  
Sand  
Fill Dirt  
Lease Roads/Driveways

Graders  
Loaders  
Backhoes

Rock  
Gravel  
Recycled Asphalt  
Parking Lots

To Darling D. Shy.  
1211 W 4 Hutchinson KS  
Date 3-13-07 67501

Quantity	Material	Unit Price	Total
	Cu. Yd. Rock Mix ( ) P.S.I.		
	Cu. Yd. Sand Mix ( ) P.S.I.		
	Hot Water		
	Calcium Chloride		
	Sand Rock		
<u>18</u>	Mileage		
<u>68</u>	<u>Sack Cement Slurry</u>		
Approx. Slump _____ In. Entrained Air _____ %			
Add Mix Used <u>Slurry</u>			
Time Loaded	<u>2:30</u> <sup>A.M.</sup> <sub>P.M.</sub>	CAUTION! Cement powder or freshly mixed concrete, grout or mortar may cause skin injury. Avoid contact with skin and wash exposed skin areas promptly with water.	
Time Arrived on Job	A.M. <sub>P.M.</sub>		
Time Unloaded	A.M. <sub>P.M.</sub>		
Amount of Water Added	Gal.		
Loaded By	<u>C S</u>		
Delivered By	<u>/</u>	Resale	
Charge ( ) Cash ( )		Total	

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2% interest per month added to unpaid accounts after 30 days - minimum charge 50¢ per month.

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Received By Dreg Dodson

Taylor Printing, Inc., Pratt, KS 1-800-870-7102

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**Darling Drilling Company**  
Telephone (620) 662-7901 1211 W. 4<sup>th</sup>  
Hutchinson, Ks. 67501  
**DRILLER'S TEST LOG**

**Date:** 03-12-07  
**Name:** Mid-America Pipeline Co. LLC  
**Address:** McPherson, Kansas  
**County:** Kiowa  
**Quarter:** SE      **Section:** 26      **Township:** 30S      **Range:** 19W

[illegible]

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Invoice

**DARLING DRILLING CO.**

1211 West 4th - Hutchinson, Kansas 67501  
620) 662-7901 - Fax 620) 662-1707

Date 03-21-07

Invoice # 13071

Invoice of Mesa Products, Inc.  
P. O. Box 52608  
Tulsa, Oklahoma 74152

Please pay from this invoice to avoid any finance charges.  
1.5% Service Charge per month after 30 days

*Job 06-248  
AK 3-26-07*

Mid-America Pipeline Company, LLC  
Kiowa County-API # 15-097-21605-0000-MP406.47  
**SECTION 26 TOWNSHIP 30S RANGE 19W**

	INITIALS	DATE
REC'D	AZ	3/26
APPROVED	_____	_____
ENTERED	_____	_____

Drill a 16" borehole @ 24.80 per foot, for surface casing  
200ft. X 24.80  
Drill a 7 7/8" borehole out from under surface @ 13.50 per foot,  
120ft. X 13.50  
Rig Time for rigging up, running in pipe, cementing, washing hole  
clean, and rigging down  
Vaccum Truck  
Bit Rental  
Drilling mud  
Darling Drilling Water Truck  
Cement  
Per diem: 3 Days X 3 men X 100.00 per day  
Mobilization: 104 Miles X 2.50 X Rig and Water Truck X 2  
One-Ton Pick-up: 104 Miles X 2.50 X 2

**COPY**

ENTERED  
3/27/07

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WICHITA, KS