

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

12/17/09

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5263  
Name: Midwestern Exploration Co.  
Address: 3500 S. Boulevard - Suite 2B  
City/State/Zip: Edmond, Oklahoma 73013  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Dale J. Lollar  
Phone: (405) 340-4300  
Contractor: Name: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: Tom Williams

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/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. \_\_\_\_\_

09-03-08 09-14-08 11-12-08  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 189-22664-00-00  
County: Stevens County Kansas  
SW NE Sec. 10 Twp. 35 S. R. 35  East  West  
1980 feet from S / N (circle one) Line of Section  
1980 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Ryan Well #: 1-10  
Field Name: Gooch

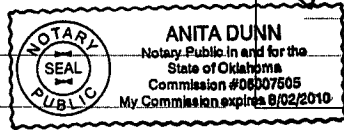
Producing Formation: Mississippian  
Elevation: Ground: 2975' Kelly Bushing: 2988'  
Total Depth: 6750' Plug Back Total Depth: 6620'  
Amount of Surface Pipe Set and Cemented at 1650 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan AKINJ 4809  
(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. R. \_\_\_\_\_  East  West  
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 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: [Signature]  
Title: President Date: 12-17-08  
Subscribed and sworn to before me this 17<sup>th</sup> day of December  
2008  
Notary Public: Anita Dunn  
Date Commission Expires: 08-02-2010



**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**CONFIDENTIAL**  
**DEC 22 2008**

DEC 17 2008

KCC

CONSERVATION DIVISION  
WICHITA, KS

11/12/80

Side Two

JAT 1-10

Operator Name: Midwestern Exploration Co.

Lease Name: Ryan

Well #: 1-10

Sec. 10 Twp. 35 S. R. 35  East  West

County: Stevens County Kansas

**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:

Dual Induction/GR/SP

Compensated Neutron/Density/GR

Microlog/GR

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Base Heebner	4358'	(-1370')
Toronto	4368'	(-1380')
Lansing	4470'	(-1482')
Kansas City	4872'	(-1884')
Cherokee Shale	5593'	(-2605')
Morrow Shale	5938'	(-2950')
Chester	6310'	(-3320')
STE Genevieve	6641'	(-3653')
St. Louis	6700'	(-3712')

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
Surface	12-1/4"	8-5/8"	24#	1650'	35/65 & Class A	460 & 210	
Production	7-7/8"	4-1/2"	10.5#	6720'	Class H	300 280	10% salt

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	6568-6580'	Acid/1200 gal 7 1/2 NEFE	
		Frac/14952 Gal Gel	
		29900# 20/40 SN	
		356000 SCF N <sup>2</sup>	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	6650'	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
11/12/80	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
	310	est. 200	96	645	41

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

METHOD OF COMPLETION: \_\_\_\_\_

Production Interval: \_\_\_\_\_

(If vented, Submit ACO-18.)





J & L Cementing Service, LLC

Invoice Number

2117

Mid-Western Exploration

4 1/2 Prod. String

Job Date

9/15/2008

Job Log Page

1

Le Ryan # 1-10

Stevens County, Kansas

	Yes	No	N/A	Comments	New/Used	Weight	Size	From	To	Max PSI Allowed
Circ.Cmt. To Surface		X			Tubing					
Well Circulated	X				Casing	36	4 1/2	Surf	6721.3	3000
Plug Landed on Depth	X				Hole Size		7 7/8	Surf	6750	
Float(S) Held	X				Insert @				6681.2	
Plug Container Returned	X				Displacement				6681.1	

SKS	Slurry/Fluid Composition	Yield (ft/sk)	Mix Ratio (gal/sk)	Density (lb/gal)	Mix Water (BBLs)	Slurry Vol. (BBLs)
300	Class H +10%Salt(BWOW0+5ppsGils+.3%CFL-110+1/4pps Flake	1.18	5.2	15.6	34.7	58.8

Time	Rate (BPM)	Volume (BBL)	Pressure (PSI)		Description
			Tubing	Casing	
3:30					On Loc.
4:00					Safety Meeting
5:00				3000	Test Pumps & Lines
6:35	2	10		300	Pump Mud Klean
3:40	2	10		300	H2O Ahead
6:46	4	59		150	Pump Lead Cmt.
					Wash Pumps & Lines
					Drop Plug
7:05	6	106.2		100	Start Displ.
	3			950	Slow to Land ( FIN Lift )
7:30				1500	Land plug
					Float Held
	0.25	4			Fill Rat & Mouse Hole
7:45					Job Complete

RECEIVED  
KANSAS CORPORATION COMMISSION

CONFIDENTIAL DEC 22 2008

DEC 17 2008 CONSERVATION DIVISION  
WICHITA, KS

KCC