

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

DNR 11  
**ORIGINAL**  
Form ACO-1  
September 1999  
Form Must Be Typed

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

Operator: License # 4824  
Name: PIONEER NATURAL RESOURCES  
Address: BOX 1006  
City/State/Zip: ULYSSES, KS 67880  
Purchaser: \_\_\_\_\_  
Operator Contact Person: FRANCIS FORBES  
Phone: (620) 353-8549  
Contractor: Name: MCLEAN'S CP INSTALLATION, INC  
License: 32775  
Wellsite Geologist: \_\_\_\_\_  
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. \_\_\_\_\_  
9-7-10    9-7-10    9-7-10  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 067-21705-00-00  
County: GRANT  
SE SE SE Sec. 30 Twp. 29 S. R. 37  East  West  
265 feet from S N (circle one) Line of Section  
45 feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: RECTIFIER Well #: 10  
Field Name: RECTIFIER #10  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 3091 Kelly Bushing: \_\_\_\_\_  
Total Depth: 300 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 20 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 \_\_\_\_\_ 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: Lina M. Shenger  
Title: Office Manager date: 5-12-11  
Subscribed and sworn to before me this 12<sup>th</sup> day of May  
20 11  
Notary Public: Shannon Brittain  
Date Commission Expires: 10/4/11



**KCC Office Use ONLY**

Letter of Confidentiality Received \_\_\_\_\_  
If Denied, Yes  Date: \_\_\_\_\_  
Wireline Log Received \_\_\_\_\_ **RECEIVED**  
Geologist Report Received \_\_\_\_\_ **KANSAS CORPORATION COMMISSION**  
UIC Distribution \_\_\_\_\_ **MAY 13 2011**  
Alt 3-Dlg. 7/2/11 CONSERVATION DIVISION  
WICHITA, KS

Operator Name: PIONEER NATURAL RESOURCES Lease Name: RECTIFIER Well #: 10  
 Sec. 30 Twp. 29 S. R. 37  East  West County: GRANT

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>SEE ATTACHED</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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 5/8"		20'	bentonite	12	

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
		<b>RECEIVED</b> <b>KANSAS CORPORATION COMMISSION</b>  <b>MAY 13 2011</b>  <b>CONSERVATION DIVISION</b> <b>WICHITA, KS</b>	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumard 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  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

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



4520 State Hwy 136, Amarillo, TX 79108-7617 • tel. 806-383-5047 • fax 806-383-1716

Deep Well GroundBed Data:			Date: 09/07/10			
Job Number:	PNR11-2010-KS		Drilling Contractor:	McLean's CP Installation, Inc		
Company Name:	PIONEER		Facility/Line:	RECTIFIER #10		
Subject:	DEEP WELL		State:	KS		
Well Depth:	300'		County:	GRANT		
Diameter:	10"		Other-Driller:	KK		
Casing:	20'					
Type of Backfill:	CARBO 60		TEST VOLTAGE:	12.2		
Anode Type:	1 SET OF 15-ANOTECH 3884					
Remarks:						
<b>Drilling Log</b>			<b>Electrical Log</b>			<b>Anode Log</b>
			BEFORE BACKFILL			AFTER BACKFILL
Depth:	Formation Type:	Material:	Volt	Anode Depth	Anode #	Volt Anode Anode # Depth
0'	TOP SOIL	CASING/HOLE PLUG				
5'	SANDY CLAY	CASING/HOLE PLUG				
10'	SANDY CLAY	CASING/HOLE PLUG				
15'	SANDY CLAY	CASING/HOLE PLUG				
20'	SANDY CLAY	CASING/HOLE PLUG				
25'	SANDY CLAY	GRAVEL				
30'	SANDY CLAY	GRAVEL				
35'	SANDY CLAY	GRAVEL				
40'	SANDY CLAY	GRAVEL				
45'	SANDY CLAY	GRAVEL				
50'	SANDY CLAY	GRAVEL				
55'	SANDY CLAY	GRAVEL				
60'	SANDY CLAY	GRAVEL				
65'	SANDY CLAY	GRAVEL				
70'	SANDY CLAY	GRAVEL				
75'	SANDY CLAY	GRAVEL				
80'	SANDY CLAY	GRAVEL				
85'	SANDY CLAY	GRAVEL				
90'	SANDY CLAY	COKE				
95'	SANDY CLAY	COKE				
100'	SANDY CLAY	COKE	0.8			
105'	SANDY CLAY	COKE				
110'	SANDY CLAY	COKE	1.0			
115'	SANDY CLAY	COKE				
120'	SANDY CLAY W/ GRAVEL	COKE	1.0			
125'	SANDY CLAY W/ GRAVEL	COKE				
130'	SANDY CLAY W/ GRAVEL	COKE	0.7			
135'	SANDY CLAY W/ GRAVEL	COKE				
140'	SANDY CLAY W/ GRAVEL	COKE	0.7			
145'	SANDY CLAY W/ GRAVEL	COKE				
150'	SANDY CLAY W/ GRAVEL	COKE	0.9	15		3.1
155'	SANDY CLAY W/ GRAVEL	COKE				
160'	SANDY CLAY W/ GRAVEL	COKE	0.9	14		3.3
165'	SANDY CLAY	COKE				
170'	SANDY CLAY	COKE	1.0	13		4.7
175'	SANDY CLAY	COKE				
180'	SANDY CLAY	COKE	1.3	12		4.5
185'	SANDY CLAY	COKE				
190'	SANDY CLAY	COKE	1.0	11		4.3
195'	SANDY CLAY	COKE				
200'	SANDY CLAY	COKE	1.1	10		4.6
205'	SANDY CLAY	COKE				
210'	SANDY CLAY	COKE	1.2	9		4.7
215'	SANDY CLAY	COKE				
220'	SANDY CLAY	COKE	1.0	8		4.3
225'	SANDY CLAY	COKE				
230'	SANDY CLAY	COKE	0.9	7		3.8
235'	SANDY CLAY	COKE				
240'	SANDY CLAY	COKE	1.1	6		4.5
245'	SANDY CLAY	COKE				
250'	SANDY CLAY	COKE	1.7	5		4.8

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			BEFORE BACKFILL			AFTER BACKFILL
Depth:	Formation Type:	Material:	Volt	Anode Depth	Anode #	Volt Anode Depth Anode #
255	SANDY CLAY	COKE				
260	GRAVEL	COKE	0.8		4	2.7
265	GRAVEL	COKE				
270	GRAVEL	COKE	0.8		3	2.5
275	GRAVEL	COKE				
280	SANDY CLAY W/GRAVEL	COKE	1.3		2	4.7
285	SANDY CLAY W/GRAVEL	COKE				
290	SANDY CLAY W/GRAVEL	COKE	1.2		1	4.7
295	SANDY CLAY W/GRAVEL	COKE				
300	SANDY CLAY W/GRAVEL	COKE				

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