

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

ORIGINAL

Operator: License # 4824
Name: PIONEER NATURAL RESOURCES
Address: 9309 W CIG RD, SUITE C
City/State/Zip: MASTERTON, TX 79058
Purchaser: _____
Operator Contact Person: STEVE JOHNSON
Phone: (806) 934-5251
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. _____

10-12-09 10-12-09 10-12-09
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 067-21686-00-00
County: GRANT
SE SE SE Sec. 27 Twp. 30S S. R. 38 ☐ East ☒ West
87 feet from S N (circle one) Line of Section
30 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 #22 Well #: 1
Field Name: REPLACEMENT RECTIFIER

Producing Formation: _____
Elevation: Ground: 3171' 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 AH III NR 11-4-09
(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: OPERATIONS MANAGER
Subscribed and sworn to before me this 28th day of October
20 09

Notary Public: [Signature]
My Commission Expires October 4, 2011

KCC Office Use ONLY

☒ Letter of Confidentiality Received
If Denied, Yes ☐ Date: _____
☐ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

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Operator Name: PIONEER NATURAL RESOURCES Lease Name: RECTIFIER #22 Well #: 1
 Sec. 27 Twp. 30S S. R. 38 ☐ 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 ☐ 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:

See Attached

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

SEE ATTACHED

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	17 1/2"	10 3/4"		20'	BENTONITE	20	

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

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

Deep Well GroundBed Data:			Date: 10/12/09		
Job Number: PNR01-2009-TX			Drilling Contractor: McLean's CP Installation, Inc		
Company Name: PIONEER NATURAL RESOURCES			Facility/Line: RECTIFIER #22		
Subject: DEEP WELL			State: KS		
Well Depth: 300'			County: GRANT		
Diameter: 10"			Other-Driller: TR		
Casing: 20'			TEST VOLTAGE: 15.3		
Type of Backfill: CARBO 60					
Anode Type: 1 SET OF 15-ANOTECH 3884					
Remarks:					
Drilling Log			Electrical Log		
			BEFORE BACKFILL		
			AFTER BACKFILL		
Depth:	Formation Type:	Material:	Volt	Anode Depth	Anode #
0'	SAND	HOLE PLUG/CASING			
5'	SAND	HOLE PLUG/CASING			
10'	SAND	HOLE PLUG/CASING			
15'	SAND	HOLE PLUG/CASING			
20'	SAND	HOLE PLUG/CASING			
25'	SAND	HOLE PLUG			
30'	SANDY CLAY	HOLE PLUG			
35'	SANDY CLAY	HOLE PLUG			
40'	SANDY CLAY	HOLE PLUG			
45'	SANDY CLAY	HOLE PLUG			
50'	SANDY CLAY	HOLE PLUG			
55'	SANDY CLAY	HOLE PLUG			
60'	CLAY	HOLE PLUG			
65'	CLAY	HOLE PLUG			
70'	CLAY	HOLE PLUG			
75'	CLAY	HOLE PLUG			
80'	CLAY	HOLE PLUG			
85'	CLAY	HOLE PLUG			
90'	CLAY	HOLE PLUG			
95'	CLAY	HOLE PLUG			
100'	CLAY	COKE	1.2		
105'	CLAY	COKE			
110'	SANDY CLAY	COKE	0.8		
115'	SANDY CLAY	COKE			
120'	SANDY CLAY	COKE	0.8		
125'	SANDY CLAY	COKE			
130'	SAND AND GRAVEL	COKE	0.9		
135'	SAND AND GRAVEL	COKE			
140'	SAND AND GRAVEL	COKE	1.2		
145'	SAND AND GRAVEL	COKE			
150'	SAND	COKE	1.3		15
155'	SAND	COKE			
160'	SAND	COKE	1.0		14
165'	SAND	COKE			
170'	SAND	COKE	1.1		13
175'	SAND	COKE			
180'	SAND	COKE	0.8		12
185'	SAND	COKE			
190'	SAND	COKE	0.9		11
195'	SAND	COKE			
200'	SAND	COKE	1.3		10
205'	SAND	COKE			
210'	SAND	COKE	1.2		9
215'	SAND	COKE			
220'	SAND	COKE	1.5		8
225'	SAND	COKE			
230'	SAND	COKE	1.3		7
235'	SAND	COKE			
240'	SAND	COKE	1.3		6
245'	SAND	COKE			
250'	SAND	COKE	1.3		5

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Anode Type: 1 SET OF 15-ANOTECH 3884											
Remarks:											
Drilling Log				Electrical Log				Anode Log			
				BEFORE BACKFILL				AFTER BACKFILL			
Depth:	Formation Type:	Material:		Volt	Anode Depth	Anode #		Volt	Anode Depth	Anode #	
255	SAND	COKE									
260	SANDY CLAY	COKE		1.4		4					
265	SANDY CLAY	COKE									
270	SAND	COKE		1.2		3					
275	SAND	COKE									
280	SAND	COKE		1.3		2					
285	SAND	COKE									
290	SAND	COKE		1.5		1					
295	SAND	COKE									
300	SAND	COKE									

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