



KANSAS CORPORATION COMMISSION 1061323
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., 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 Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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 #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1061323

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<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

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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BASICTM
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer <i>Phoenix Petrocorp</i>		Lease No.		Date <i>5-27-11</i>		
Lease <i>Berryman Rockfield Unit</i>		Well # <i>14-4</i>		Service Receipt <i>171701758</i>		
Casing <i>8 5/8 24"</i>	Depth <i>1564</i>	County <i>Morton</i>		State <i>Ks</i>		
Job Type <i>Z 42 Surface</i>	Formation	Legal Description <i>3 33 41</i>				
Pipe Data			Perforating Data		Cement Data	
Casing size <i>8 5/8</i>	Tubing Size	Shots/Ft		Lead <i>385 sk A. cm</i>		
Depth <i>1564</i>	Depth	From	To	<i>3% CC - 1/4" poly flake</i>		
Volume	Volume	From	To	<i>.2% wca - 1 18.192/14k</i>		
Max Press	Max Press	From	To	<i>2.95 @ 1 1/2 k @ 11.47/14k</i>		
Well Connection	Annulus Vol.	From	To	Tail in <i>1505k Perm. 1/4"</i>		
Plug Depth <i>1521</i>	Packer Depth	From	To	<i>2% CC - 1/4" poly flake</i>		
				<i>6.319 @ 1 1/2 k 1.34/14k</i>		
				<i>@ 11.85/14k</i>		
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log	
<i>13:30</i>					<i>Trucks on loc.</i>	
<i>14:30</i>					<i>Csg on bottom Cir. w/ Rig</i>	
<i>14:35</i>					<i>Spot & Rig up Equip.</i>	
<i>15:00</i>					<i>Supervisor on loc.</i>	
<i>15:30</i>					<i>Hold Safety Meeting</i>	
<i>15:49</i>	<i>2500</i>				<i>Test Pump & Lines</i>	
<i>15:46</i>	<i>350</i>		<i>202</i>	<i>4.5</i>	<i>Start Lead Cmt 385 sk @ 11.47</i>	
<i>16:36</i>	<i>350</i>		<i>36</i>	<i>4.5</i>	<i>Start Tail Cmt 1505 sk @ 14.8</i>	
<i>16:44</i>					<i>Shutdown & Drop Plug</i>	
<i>16:46</i>	<i>150</i>		<i>0</i>	<i>4</i>	<i>Start Disp. w/ fresh H₂O</i>	
<i>16:56</i>	<i>250</i>		<i>40</i>	<i>3</i>	<i>Slow Rate</i>	
<i>17:10</i>	<i>500</i>		<i>80</i>	<i>2</i>	<i>Slow Rate</i>	
					<i>Slow Rate</i>	
<i>17:18</i>	<i>1100</i>		<i>97</i>	<i>2</i>	<i>Bump Plug</i>	
<i>17:19</i>	<i>0</i>		<i>96.5</i>		<i>Release / float held</i>	
<i>17:20</i>					<i>Wait + Watch Cmt in Cellar</i>	
<i>17:45</i>					<i>Rig Down</i>	
<i>18:00</i>					<i>End Job</i>	
	<i>600</i>				<i>Pressure Before Plug landed</i>	
					<i>Cir. Cmt to the Pit</i>	
Service Units	<i>21755</i>	<i>2140819553</i>	<i>1435519678</i>	<i>1435414201</i>		
Driver Names	<i>Cochran</i>	<i>Mendoza</i>	<i>Ortiz</i>	<i>Esqueda</i>		

Jim
Customer Representative

J. Bennett
Station Manager

M. Cochran
Cementer

Customer <i>Procut Petrocorp</i>		Lease No.		Date <i>5-31-11</i>	
Lease <i>Berryman Richfield Unit</i>		Well # <i>14-4</i>		Service Receipt <i>171701763</i>	
Casing <i>5 1/2 15.5"</i>		Depth <i>5169</i>		County <i>Morton</i> State <i>Ks</i>	
Job Type <i>2 1/2 5 1/2 25112c</i>		Formation		Legal Description <i>3 - 33 - 41</i>	
Pipe Data			Perforating Data		Cement Data
Casing size <i>5 1/2 15.5"</i>		Tubing Size		Shots/Ft	
Depth <i>5169.74</i>		Depth		From	To
Volume		Volume		From	To
Max Press		Max Press		From	To
Well Connection <i>2rd</i>		Annulus Vol.		From	To
Plug Depth <i>5126 0.487703</i>		Packer Depth		From	To
Lead <i>*5cc 25cc #2</i>		Tail in			
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>22:00</i>					<i>on loc. / Hold Safety Meeting</i>
<i>22:45</i>					<i>Start Csg.</i>
<i>02:20</i>					<i>Csg. on Bottom / cir. w/ Rig</i>
					<i>Run 1st Stage</i>
<i>03:08</i>	<i>3800</i>				<i>Test Pump + Lines</i>
<i>03:09</i>	<i>600</i>		<i>5</i>	<i>5</i>	<i>Start Fresh H₂O</i>
<i>03:10</i>	<i>600</i>		<i>12</i>	<i>5</i>	<i>Start Superflush II</i>
<i>03:13</i>	<i>600</i>		<i>5</i>	<i>5</i>	<i>Start Fresh H₂O</i>
<i>03:14</i>	<i>600</i>		<i>48</i>	<i>5</i>	<i>Start Cmt 175sk @ 14.8#</i>
<i>03:30</i>					<i>Shutdown + Wash up</i>
<i>03:32</i>					<i>Drop Plug (weatherford)</i>
<i>03:34</i>	<i>150</i>		<i>0</i>	<i>6</i>	<i>Start Disp. w/ Fresh H₂O</i>
<i>03:40</i>	<i>200</i>		<i>30</i>	<i>6</i>	<i>Switch to Mud</i>
<i>03:54</i>	<i>750</i>		<i>115</i>	<i>3</i>	<i>Slow Rate</i>
<i>03:56</i>	<i>1400</i>		<i>122</i>	<i>3</i>	<i>Bump Plug</i>
<i>03:59</i>	<i>0</i>			<i>0</i>	<i>Release / Plot Hold</i>
<i>04:00</i>					<i>Drop opening Plug</i>
<i>04:25</i>	<i>1100</i>				<i>open tool / cir. w/ Rig</i>
					<i>W.O.D.</i>
					<i>2nd Stage</i>
<i>07:40</i>	<i>3800</i>				<i>Test Pump + Lines</i>
<i>07:41</i>	<i>350</i>		<i>5</i>	<i>5</i>	<i>Start Fresh H₂O</i>
Service Units	<i>21735</i>	<i>2780819553</i>	<i>1982819553</i>	<i>1980519808</i>	
Driver Names	<i>Cochran</i>	<i>Mendoza</i>	<i>J. Martinez</i>	<i>Munoz</i>	

K. Kim

Customer Representative

J. Bennett

Station Manager

M. Cochran

Cementer