



KANSAS CORPORATION COMMISSION 1061929  
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: \_\_\_\_\_



1061929

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Phoenix PetroCorp, Inc.
Well Name	Berryman Richfield Unit 6-4
Doc ID	1061929

All Electric Logs Run

Spectral Density Dual Spaced Neutron Log
Array Compensated True Resistivity Log
Micro Log
CBL



**BASIC**  
ENERGY SERVICES  
Liberal, Kansas

**Cement Report**

Customer: <u>Phoenix PetroCorp</u>	Lease No.:	Date: <u>7-9-11</u>
Lease: <u>Berryman Richfield</u>	Well # <u>Unit #6-4</u>	Service Receipt: <u>02058</u>
Casing: <u>8 5/8" 24#</u>	Depth: <u>1521.52'</u>	County: <u>Morton</u>
Job Type: <u>242 8 5/8" Surface</u>	Formation:	Legal Description: <u>34-32-41</u>

Pipe Data		Perforating Data		Cement Data
Casing size: <u>8 5/8" 24#</u>	Tubing Size:	Shots/Ft		Lead: <u>385 SK</u>
Depth: <u>1521.52'</u>	Depth:	From:	To:	<u>A-Con</u>
Volume: <u>94 bbl disp</u>	Volume:	From:	To:	
Max Press: <u>2500#</u>	Max Press:	From:	To:	Tail in: <u>150 SK</u>
Well Connection: <u>SI-43.27'</u>	Annulus Vol.:	From:	To:	<u>Prem +</u>
Plug Depth: <u>TD-1516'</u>	Packer Depth:	From:	To:	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:40					on loc-side assessment
8:45					spot trucks - rig up
					safety meeting
					pressure test 2000#
9:45	240		202	5	mix + pump 385 SK A-Con w/
					3% CC, 1/4# polyflake, 12% WCA-1
					2.95 #/sk, 18.10 gal/sk @ 11.4 ppq
10:30	200		36	5	switch to tail cut 150 SK premium
					plus w/ 2% CC, 1/4# polyflake
					1.34 #/sk, 6.33 gal/sk @ 14.8 ppq
10:50	0		0	5.5	drop plug, disp CS
11:20	400		80	2	slow rate last 10' of disp
11:30	950		94	0	land plug float held
					give cut to surface
					job complete
					stand by for 30 min for fall back

Service Units	<u>34776</u>	<u>27402</u>	<u>14354-19578</u>	<u>33021-19883</u>
Driver Names	<u>A. Oliveira</u>	<u>T. Gibson</u>	<u>S. Swafford</u>	<u>H. Esqueda</u>

J. Burgmann  
Customer Representative

J. Bennett  
Station Manager

A. Oliveira  
Cementer

Customer: <i>Phoenix Petrocorp</i>		Lease No.		Date: <i>7-16-11</i>		
Lease: <i>Berry Mn Rightfield Unit</i>		Well #: <i>6-4</i>		Service Receipt: <i>1717 02037</i>		
Casing: <i>5 1/2 15.5</i>	Depth: <i>5160</i>	County: <i>Morton</i>		State: <i>Ks</i>		
Job Type: <i>2 1/2 5 1/2 2 stage</i>		Formation		Legal Description: <i>34 32 41</i>		
Pipe Data			Perforating Data			Cement Data
Casing size	Tubing Size		Shots/Ft		Lead	
Depth	Depth	From	To		<i>See Call sheet</i>	
Volume	Volume	From	To			
Max Press	Max Press	From	To		Tail In	
Well Connection	Annulus Vol.	From	To			
Plug Depth	Packer Depth		From	To		
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log	
<i>21:45</i>					<i>on Loc. / Held Safety Meeting</i>	
<i>21:45</i>					<i>Rig Running Csg when Arrived</i>	
<i>23:10</i>					<i>Csg on Bottom Cir. w/ Rig</i>	
					<i>TP 5160 DV 3682 ST37 TO 5163</i>	
<i>00:05</i>	<i>3500</i>				<i>Test Pump + Lines</i>	
<i>00:06</i>	<i>400</i>		<i>5</i>	<i>5</i>	<i>Start fresh H<sub>2</sub>O</i>	
<i>00:07</i>	<i>400</i>		<i>12</i>	<i>5</i>	<i>Start Super Flush II</i>	
<i>00:10</i>	<i>425</i>		<i>5</i>	<i>5</i>	<i>Start fresh H<sub>2</sub>O</i>	
<i>00:11</i>	<i>450</i>		<i>55</i>	<i>5</i>	<i>Start Cmt 200-2k @ 14.8"</i>	
<i>00:29</i>					<i>Shutdown + Wash up</i>	
<i>00:31</i>					<i>Drop Plug (weatherford)</i>	
<i>00:32</i>	<i>100</i>		<i>0</i>	<i>7</i>	<i>Start Disp. w/ fresh H<sub>2</sub>O</i>	
<i>00:36</i>	<i>100</i>		<i>30</i>	<i>7</i>	<i>Switch to mud</i>	
<i>00:44</i>	<i>300</i>		<i>83</i>	<i>3</i>	<i>Slow Rate (Plug going thru Tool)</i>	
<i>00:46</i>	<i>350</i>		<i>90</i>	<i>6.5</i>	<i>Increase Rate</i>	
<i>00:51</i>	<i>750</i>		<del><i>115</i></del>	<i>2.5</i>	<i>Slow Rate</i>	
<i>00:53</i>	<i>1250</i>		<i>122</i>	<i>2.5</i>	<i>Bump Plug</i>	
<i>00:55</i>	<i>8</i>			<i>0</i>	<i>Release / float held</i>	
<i>00:00</i>					<i>Drop opening Plug</i>	
<i>01:25</i>	<i>900</i>				<i>Open Tool</i>	
<i>01:34</i>					<i>Switch to Rig Pump</i>	
<i>01:36</i>					<i>W.O.O.</i>	
Service Units	<i>21755</i>	<i>178019877</i>	<i>1980519808</i>	<i>14135 141204</i>		
Driver Names	<i>Cochran</i>	<i>Mendoza</i>	<i>Murphy</i>	<i>S. Chavez</i>		

*T. Fuller*  
 Customer Representative

*J. Bennett*  
 Station Manager

*M. Cochran*  
 Cementer