



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 # 32659
Name: Phoenix PetroCorp, Inc.
Address 1: 6401 S CUSTER RD, STE 130
Address 2: _____
City: MCKINNEY State: TX Zip: 75070 + _____
Contact Person: GEORGE TARBOX
Phone: (469) 452-6031
CONTRACTOR: License # 32659
Name: Phoenix PetroCorp, Inc.
Wellsite Geologist: NA
Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD S1OW
- 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 #: _____

<u>5/25/2011</u>	<u>6/1/2011</u>	<u>6/14/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-129-21933-00-00

Spot Description: _____
_____ N2_N2_SE Sec. 3 Twp. 33 S. R. 41 East West
2310 Feet from North / South Line of Section
1320 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Morton

Lease Name: Berryman Richfield Unit Well #: 14-4

Field Name: RICHFIELD

Producing Formation: MRW

Elevation: Ground: 3443 Kelly Bushing: 3454

Total Depth: 5175 Plug Back Total Depth: 5087

Amount of Surface Pipe Set and Cemented at: 1560 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: 2350 ppm Fluid volume: 1220 bbls

Dewatering method used: Evaporated

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: Deanna Garrisor Date: 08/22/2011



1061323

Operator Name: Phoenix PetroCorp, Inc. Lease Name: Berryman Richfield Unit Well #: 14-4
 Sec. 3 Twp. 33 S. R. 41 East West County: Morton

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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Spectral Density Dual Spaced Neutron Micro Array Compensated Resistivity Sector Bond/Gamma Ray/CCL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>MRW</td> <td>5033</td> <td>11</td> </tr> </table>	Name	Top	Datum	MRW	5033	11
Name	Top	Datum					
MRW	5033	11					

CASING RECORD <input checked="" 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	12.25	8.625	24	1560	Class C	535	Add_CaCl_3
Production	7.875	5.5	15.5	5170	Class C	645	Add_CaCl_3

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 (Amount and Kind of Material Used)	Depth
4	5033-38 5044-54	48 bbl 7.5% HCl NEFE	5033-38 5044-54

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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) _____
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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 checked="" 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 (Specify) _____	PRODUCTION INTERVAL: <u>5033-38</u> <u>5044-54</u>
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BASIC
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer <i>Phoenix Petrocorp</i>	Lease No.	Date <i>5-27-11</i>
Lease <i>Berryman Richfield 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>242 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 @ 11.4' / 38' CC - 1/4" 16.4' / 2.95 sk @ 11.4' / 2%</i>
Depth <i>1564'</i>	Depth	From	To	Tail in <i>150 sk @ 14.8' / 2%</i>
Volume	Volume	From	To	
Max Press	Max Press	From	To	
Well Connection	Annulus Vol.	From	To	
Plug Depth <i>1521'</i>	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
13:30					Truck on loc.
14:30					Csg on bottom Cir. w/ Rig
14:35					Spot & Rig up Equip.
15:00					Supervisor on loc.
15:30					Hold Safety Meeting
15:43	2500				Test Pump & lines
15:46	350		202	4.5	Start Lead Cmt 385 sk @ 11.4'
16:36	350		36	4.5	Start Tail Cmt 150 sk @ 14.8'
16:44					Shutdown & Drop Plug
16:46	150		0	4	Start Disp. w/ fresh H ₂ O
16:56	250		40	3	Slow Rate
17:10	500		80	2	Slow Rate
					Slow Rate
17:18	1100		97	2	Bump Plug
17:19	0		96.5		Release / float held
17:20					Wait + watch Cmt in collar
17:45					Rig Down
18:00					End Job
	600				Pressure Before Plug landed
					Cir. Cmt to the Pit

Service Units	21755	2190819553	1435519578	1435414281
Driver Names	Cochran	Mendoza	Ortiz	Esqueda

J. M.
Customer Representative

J. Bennett
Station Manager

M. Cochran
Cementer



Cement Report

Customer <i>Phorcix 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>242 5 1/2 25172</i>		Formation		Legal Description <i>3 - 33 - 41</i>	
Pipe Data			Perforating Data		
Casing size <i>5 1/2 15.5"</i>		Tubing Size		Shots/Ft	
Depth <i>5169.24</i>		Depth		From To	
Volume		Volume		From To	
Max Press		Max Press		From To	
Well Connection <i>Rid</i>		Annulus Vol.		From To	
Plug Depth <i>5126 O.V.E 3763</i>		Packer Depth		From To	
Lead		<i>*500 2590 #2</i>			
Tail in					
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>22:00</i>					<i>on Loc. / Held Safety Meeting</i>
<i>22:45</i>					<i>Start Csg.</i>
<i>02:20</i>					<i>Csg. on Bottom / cir. w/ Rig</i>
					<i>2nd 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 Held</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>V.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>21755</i>	<i>2980819353</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