



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 # 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: VCRA

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 #: _____

<u>07/07/2011</u>	<u>07/16/2011</u>	<u>07/26/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-129-21931-00-00

Spot Description: _____
SE SE NE NE Sec. 34 Twp. 32 S. R. 41 East West
1270 Feet from North / South Line of Section
150 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 #: 6-4

Field Name: Richfield

Producing Formation: MRW

Elevation: Ground: 3404 Kelly Bushing: 3416

Total Depth: 5157 Plug Back Total Depth: 5115

Amount of Surface Pipe Set and Cemented at: 1516 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: 2500 ppm Fluid volume: 1218 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 Garris Date: 08/23/2011



1061929

Operator Name: Phoenix PetroCorp, Inc. Lease Name: Berryman Richfield Unit Well #: 6-4
 Sec. 34 Twp. 32 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: Attached	<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>Morrow</td> <td>4934</td> <td>12</td> </tr> </table>	Name	Top	Datum	Morrow	4934	12
Name	Top	Datum					
Morrow	4934	12					

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	1516	Class C	535	Add_CaCl_3
Production	7.875	5.5	15.5	5156	Class C	580	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 <i>(Amount and Kind of Material Used)</i>	Depth
4	4918' - 4931' 4934' - 4950'	59 bbl 7.5% HCl NEFE	4918-4931 4934-4950

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 <i>(Explain)</i> _____
Estimated Production Per 24 Hours	Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: 4918-31 4934-50
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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



Cement Report

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

Pipe Data		Perforating Data		Cement Data
Casing size: 8 5/8" 24#	Tubing Size	Shots/Ft		Lead: 385 sk
Depth: 1521.52	Depth	From	To	A-Com
Volume: 94 bbl disp	Volume	From	To	
Max Press: 2500#	Max Press	From	To	Tail In: 150 sk
Well Connection: 51-93.27'	Annulus Vol.	From	To	Prem +
Plug Depth: 1516'	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-Com w/ 3% CC, 1/4# polyflake, 2% WCA/ 2.95 lb/sk, 18.10 gal/sk @ 11.4 ppz
10:30	200		36	5	switch to tail cut 150 sk premium plus w/ 2% CC, 1/4# polyflake 1.34 lb/sk, 6.33 gal/sk @ 14.8 ppz
10:50	0		0	5.5	drop plug, disp
11:20	400		80	2	slow rate last 10 gal 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	34726	27462	14354-19578	33021-19883
Driver Names	A. Duran	T. Gibson	S. Swafford	H. Esqueda

J. Burgmann Customer Representative
 J. Bennett Station Manager
 A. Duran Cementer
 Taylor Printing, Inc.



Cement Report

Customer: <i>Phoenix Petrocorp</i>		Lease No.		Date: <i>7-16-11</i>	
Lease: <i>Berry Man Richtfeld Unit</i>		Well #: <i>6-4</i>		Service Receipt: <i>1717 02077</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>		Legal Description: <i>34 32 41</i>	
Formation		Cement Data			
Pipe Data		Perforating Data		Lead	
Casing size	Tubing Size	Shots/Ft		<i>See Callsheet</i>	
Depth	Depth	From	To		
Volume	Volume	From	To		
Max Press	Max Press	From	To		
Well Connection	Annulus Vol.	From	To	Tail In	
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 SJ30 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 H₂O</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 H₂O</i>
<i>00:11</i>	<i>450</i>		<i>55</i>	<i>5</i>	<i>Start Cmt 200 sk @ 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 H₂O</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>		<i>115</i>	<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>0</i>	<i>Release / Flat 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>770019557</i>	<i>1980519808</i>	<i>1435 14204</i>	
Driver Names	<i>Cochran</i>	<i>Mundorf</i>	<i>Murphy</i>	<i>S. Chavez</i>	

T. Fuller
Customer Representative

J. Bennett
Station Manager

M. Cochran
Cementer