

Kansas Corporation Commission Oil & Gas Conservation Division 1061929

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		API No. 15
Name: Phoenix Petr			Spot Description:
Address 1: 6401 S CUS	TER RD, STE 130		SE_SE_NE_NE_Sec. 34 Twp. 32 S. R. 41 ☐ East  West
Address 2:			1270 Feet from V North / South Line of Section
City: MCKINNEY			Feet from ▼ East /  West Line of Section
Contact Person: George	Tarbox	•	Footages Calculated from Nearest Outside Section Corner:
Phone: (469) 452-			☑ NE □NW □ SE □SW
CONTRACTOR: License #	32659		County: Morton
Name: Phoenix PetroC	orn Inc		Lease Name: Berryman Richfield Unit Well #: 6-4
Wellsite Geologist: NA		÷	Field Name: Richfield
Purchaser: VCRA			Producing Formation: MRW
Designate Type of Complet	tion:		Elevation: Ground: 3404 Kelly Bushing: 3416
	Re-Entry	Workover	Total Depth: 5157 Plug Back Total Depth: 5115
✓ oil		□ slow	Amount of Surface Pipe Set and Cemented at: 1516 Feet
Gas D&		☐ siGw	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
☐ 0G	□ GSW	Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Metha	ne) .		If Alternate II completion, cement circulated from:
Cathodic COth	er (Core, Expl., etc.):		feet depth to:w/sx cmt.
If Workover/Re-entry: Old	Well Info as follows:		ov entre
Operator:			Dellin Strid Management Disc
Well Name:		·	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date:	Original T	otal Depth:	Chloride content: 2500 ppm Fluid volume: 1218 bbls
Deepening	Re-perf. Conv. to	ENHR Conv. to SWD	Dewatering method used: Evaporated
	Conv. to		
Plug Back:	Plu		Location of fluid disposal if hauled offsite:
☐ Commingled	Permit #:		Operator Name:
Dual Completion	Permit #:		Lease Name: License #:
SWD	Permit #:		
☐ ENHR	Permit #:		Quarter Sec. Twp. S. R. East West
☐ GŚW	Permit #:		County: Permit #:
07/07/2011	07/16/2011	07/26/2011	
Spud Date or D	ate Reached TD	Completion Date or Recompletion Date	

## **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	/23/2011

Side Two



Operator Name: Phoenix PetroCorp, Inc.				Name:l	Berryman Ri	chfield Unit	Well #:6-	4	
Sec. 34 Twp. 32			County:						
time tool open and cl	osed, flowing and shi tes if gas to surface to	nd base of formations pe ut-in pressures, whether est, along with final char I well site report.	shut-in press	sure reac	ched static level	l, hydrostatic pr	essures, bottom	hole temp	perature, fluid
Drill Stem Tests Take		☐ Yes 📝 No		<b>✓</b> Lo	og Formatio	on (Top), Depth	and Datum		Sample
Samples Sent to Geo	•	Yes No		Name Morrov			Top 4934	12	Datum 2
-	Cores Taken						4334		
List All E. Logs Run: Attached									
		CAŠIN	G RECORD	✓ Ne		tion etc			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weigi Lbs./	ıht	Setting Depth	Type of Cement	# Sacks Used		and Percent Additives
Surface	12.25	8.625	24		1516	Class C	535	Add_C	CaCl_3
Production	7.875	5.5	15.5		5156	Class C	580	Add_C	CaCI_3
		ADDITION	N CEMENTIN	IC / SOL	EEZE BECORE	1.			
Purpose:	Depth Top Bottom	Type of Cement		# Sacks Used Type and Percent Additives				s	
Protect Casing Plug Back TD Plug Off Zone	-				, , , , , , , , , , , , , , , , , , ,		-		
Shots Per Foot		ION RECORD - Bridge Plu					ent Squeeze Reco	rd	
4	<del></del>	Footage of Each Interval Po	erforated	d (Amount and Kind of Material Used) 59 bbl 7.5% HCI NEFE				Depth 4918-4931 4934-498	
	, , , , , , , , , , , , , , , , , , , ,								
	,					<del> </del>			
TUBING RECORD:	Packer At:	:	Liner Run:	Yes _ <b>✓</b>	No	•			
Date of First, Resumed	Production, SWD or EN	NHR. Producing Me	ethod:	•	Gas Lift	Other (Explain)			
Estimated Production Per 24 Hours	. Oil	Bbls. Gas	Mcf	Wate	er E	3bls.	Gas-Oil Ratio		Gravity
DISPOSITI	ON OF GAS:		METHOD OF	COMPI =	TION:		PRODUCT	ON INTER	VAI -
				PRODUCTION INTERVAL:  Perf. Dually Comp. Commingled (Submit ACO-4) (Submit ACO-4) 4918-31  4934-50					

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** 

Lesse Piccuman Cichifed Weith #64 Service Receipt 2005  Casing Fill Peter 1525 County Mortan State KS  Job Type 742 St S Forgation Legal Description 34-32 41  Pipe Data Perforating Data Cement Data  Casing size 54 34 th Tubing Size Shots/Ft Lead 386 St Long Max Press  Depth 1521.52 Depth From To From To Tail in 150 SK Walfonnectors 27 Annulus Vol. From To Tail in 150 SK Walfonnectors 27 Annulus Vol. From To To Prem + Prem + To Tail in 150 SK Prem + To Tail of Tail o		Liberal	, Kansas		Ti 2 - 1			- In	
Casing size of the property of	·	Dinger	nix F	Extra Com	Lease No.			Date -	7-9-11
Casing size of the property of		Becruir	MAN	Richald	WOH Chait	- #6-0	1	-	02058
Pipe Data  Casing slike St. 1 4 th Tubing Size  Depth 1521.52  Pipe Table 1521.52  Depth 1521.52  Depth 1521.52  Depth 1521.52  Depth 1521.52  Depth 1521.52  Pipe Table 1521.52  Depth 15	Casing Se	18 (4)	Poppin T	1521 52	Microsophu . 44	orton	5	tale KS	
Caeing size of the poly of the	Job Type	12 80	を S	Formation		Lega	al Description	34-2	541
Depth 1521.02 Depth Prom 10 A Con Volume QU boll disp Volume From 10 Tail in 150 SK Press To Tail in 1		- I de la	Pipe (	Data	•	Per	rforating	Deta	
Depth 1521.02 Depth Prom 10 A Con Volume QU bill disp Volume From 10 Tail in 150 SK Max Press From 10 Tail in 150 SK Well-pannesses, 37' Annabe Vol. From 10 Prem + Pressure Pressure Babs. Pumbed Relie Service Log Pressure Babs. Pumbed Relie Service Log Up Saledy an artifux of the Service Log Saledy and Service Country of Saledy Saled	Casing size	15/2-11	24#	Tubing Size			Shots/F	t	Lead 38 St
Volume 94 bbl disp Volume From To Tail In 150 SK Max Press From To To Tail In 150 SK Was Press From To To Tail In 150 SK Was Press To To To To Press To To Press To Press To To Press To To Press To To Press To To To Press To To To To Press To	Depth /	21.52	1	Depth		From	. 1	•	A Com
Max Press 100 the Max Press 100 to 100 SK Max Press 100 to 100 SK Max Press 100 to 100 Prem + Prem + Pressure 100 to 100 Prem + Prem + Pressure 100 to 100 Pressure 100 to 100 Pressure 100 to 100 Service Log 100 Servi	Volume ()	1 161 1	diso	Volume	,	From	T		
SI - 1516 Time Preserre Bell Balls Pumbed Rate Service Lop Time Preserre  RYUS  9:45	Max Press		114	Max Press		From	. T	Ò	Tail in 150 St
Time Casing Pressure Bbls. Pumbed Rate Service Lop  Time Pressure Pressure Bbls. Pumbed Rate Service Lop  ON ON Service Lop  ON	Well Connec	73,27		Annulus Vol.		From	T	3	Prem +
Time Casing Pressure Blos. Pumbed Rate Service Log  SUO  SUO  SUO  SUO  SUO  SUO  SUO  SU				Packer Depth		From	Ť	· ·	
9:46   Sabely moting   pressede test 2000#  9:46 240   202 5 mix + pump 385 5k from my 320 CC X 4 polyflake 220 Will 1 2,95 ft 35k 18:10 gm/sk Cll 4 p  10:30 200   36 5 2 mix of to tail cust 150 5k premi plus of 39 CC, X 4 polyflake 1,24 10:5k, (2,33 go fsk c 14.8 p  10:00 0 0 55 0 pp plus disp CS;  11:20 400 80 2 Slow rate 10:37 10 fm of disp  11:30 950 94 0 land plus disp to surface  11:30 950 94 0 land plus disp to surface  10:00 0 5 Counterle  Stand by for 310 min for falls	`	Casing	Tubing Pressure	Bbls, Pumbed	Rate			Service Lo	
Safety angoling   press ye test 2000#	840				·	lon 1	OC -S	te asso	Sprent
Safety morthy	<b>8:46</b>					Soot	trick	S- Mg	yo .
9:45 240 202 5 Mix & pump 385 SK & Con W/32 CL X4# polyflake 1226 WCA/1  2.95 ft 3/sk, 18:10 gif Si Cll 4 p  10:30 200 36 5 2 witch to til cut 150 Sk premi plus w/22 Cl, X4# polyflake  1.34 lt 3/sk, 6:33 ac lsk e 14.8 p  10:00 0 0 55 drop plug disp CS  11:30 950 94 0 land plus steat held  CNC cut to surface  5 tand by for 310 min for falle				<u> </u>		Sala	es mo	ofile	•
9:45 240 202 5 Mix + pump 385 SK & Con W 326 CL, X4 + polyflake, 126 WCA/I 2.95 ft 3/5k, 18:10 gM/SK CH/4 p 10:30 200 34e 5 squirt for SK premi plus w 22 CC, X4 + polyflake 1.34 9/36k, 6.33 ga/Sk C/4.8 p 10:00 0 0 55 Ovop plug disp CS; 11:20 400 80 2 Slow and 105 ft 10 fm of disp 11:30 900 94 0 (and plus sloat held CNC cust to surface 36 Complose 5 tand by for 30 min for dalle						Dress	ge 4		000#
32 CC, Xi # polificke i 22 WCA!  2.95 FA36K 18 10 air XX CIII 4 p  10:30 200 36 5 suited to tail cust 150 sk premi plus in 29 CC, Xi # polificke  1.34 GA3K, G.33 ga ASK C 14.8 p  10:00 0 0 55 Orop plug 1 sp C3;  11:20 400 80 2 Slow all 10st 10 fell of 12s,  11:30 950 94 0 land plus sloat held  CNC cust to sustain  Stand by for 30 min for fall!	9:45	240	•	202_	5	mix	DUMA		
10:30 200  36 5 suitch to til cut 150sk premi plus w 99cC, y4 # polyflake  1.34 475k, 6.33 ga 15k @ 14.8 p  10:00 0 0 55 drop plug disp C50  11:20 400 80 2 Slow rake 10st 10 but of disp  11:30 950 94 0 gand plus float held  Circ cust to suitche  Stand by for 30 min for falle						3%	16, X1#	polyflak	122 WCA!
10:30 200  Se S suited to tail cust 150 st premis plus in 99 CC, Yu #polificke  Plus in 99 CC, Yu #polificke  1.34 (435k, 6.33 ga 15k € 14,8 p  10:00 O O O O O O O O O O O O O O O O O O	1.1					2.95	f43/sk	18:100	MACCILLY pp
plus in 29°C°, X4 # polyflike  1.34 GHzk, G.33 ga Get C 14,8 p  10:00 0 0 5.5 drop plug dis Cs.  11:20 400 80 2 Slow on the 103+ 10 ph of dis  11:30 900 94 0 land plug float held  Circ cust to surface  ab complete  Stand by for 30 min for fall!	(0:30	200		36	5	Switch	1 10-1	Lout	150 SK premin
10:00 0 0 55 drop plug disp CS.  11:20 400 80 2 Slow role 10st 10 plut of disp  11:30 900 94 0 land plug Sloat held  Circ court to surface  Stand by for 30 min for fall!						plus	w 9	2 CC, Yu	
11:30 400 80 2 Slow rate 1937 10 ph of disp 11:30 900 94 0 land plus stoot held Circ count to surface Job complete Stand by for 30 min for falls				·	, +		1935V	, 6:33	30 St C 14.800
11:30 400 80 2 Slow rate 1937 10 ph of disp 11:30 900 94 0 land plus stoot held Circ count to surface Job complete Stand by for 30 min for falls	10:00	0_		0	65	drop	olira	disa	CSN
11:30 950  94  O land plus float held  ONE countered  Stand by for 310 min for falls	11:20	400		80	2	1 7 745		1057	10 bbl of disp
Job Complete  Stand by for 310 min for fall to	11:30		. :	94	0	land	plus	Stoat	held
Stand by for 30 min for falls						cre	Cust	-1 do SI	raber
Stand by for 30 min for falls						105	Com	lose	,
						Stand	bo	GC 310	win for fall bo
			•				٥ -	, ,	
				·					
								:	
					-				
Service Units 34776 27462 14354-19578 33031-19883	Service Unit	, 347	Ho.	27462	14354	-19578	33021-14	) XX 3	
Driver Names of Misson T. Gibson S. Swafford H. Esquada					55.	( Ord	4.75	oda	·

_1	Buca	MAUA
Customer	Represe	ntative

I	Ben	nett
Station Ma	·	

	1.	Oli	X	4			
Cemer	iter	•	,		•	Taylo	r F



**Cement Report** 

Customer. /	The ochi	, Kansas	ocorp	Lease No.	·		Date 7-16-11		
Lease B			Keild Unit	Well # 6-4 Service			ice Receipt /7/7 02017		
Casing 5	2 /5.5	Depth	5160	County M	Porten	State	Ks		
Job Type	242.5	1/2 2-13	Formation		Le	gal Description 3	4	32 41	
		Pipe (			Po	erforating Da	ıta	Cement Data	
Casing size		•	Tubing Size			Shots/Ft		Lead	
Depth			Depth		From	To		See Callsheet	
Volume			Volume		From	То			
Max Press			Max Press		From	То		Tail in	
Well Connec	tion		Annulus Vol.		From	To		_	
Plug Depth	•		Packer Depth		From	То			
Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate			Service Lo	9	
21:45					OHL	o. Hel	1 500	fety Meeting	
21:45					Rig	Runnius	C=9 1	when Arrived	
23:10					C53	on Bott	tom (	1.1. w/ A19	
					TPS	160 DV3	1682 5	T37. TO 5163	
00:05	3500				Test	Pump +1	ines.		
00:06	400	•	5	. 5	STEV	+ fresh	HOO		
00:07	400	٠.	12	5	Star	+ SUPPY	flush	<i>I</i>	
00:10	425		5	5-	51811	fresh	110		
60:11	450		55	5	Star	+ Con+ 2	00 5	E14.8#	
00:19					Shute	lown + b	Utsh.	up	
00:31					Drop		10	herford)	
00:32	100	: .	0	7	Siar	7	W/Fr	esh HyO	
00:16	100		30	7	Swit		rud_		
00:44	300		83	3		_		oilig thru Tool)	
00:46	550		90	6.5		rase Ra	te		
00:51	750		115	2.5	Slow	71			
00:53	1250		122	2.5	Bur	/ /			
0055	. 💝	· · ·		0	Kele.			reld	
00:00				<u> </u>	Urop	Opening	E Plu	7	
01:25	900	•			aper	1 Tool	0 0		
01:34				<b> </b>		ch to	Tig Pu	(14)	
01:16		•			W.C	7.01	·		
0	0100		H Flatenson	10-	<u> </u>		J		
Service Unit	14-11	<i>y</i>	1.780819557			1475 14285 E 14	1		
Driver Name	s Con	HIAM	Mendold	Muri	00	5. Chave	<u>r</u>	<u> </u>	

7.	10	Her
Cuet	nmer	Representative