

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1056491

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 #	API No. 15
Name:	_ Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	
Phone: ()	
CONTRACTOR: License #	County:
Name:	
Wellsite Geologist:	
Purchaser:	-
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
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:	Amount of Surface Pipe Set and Cemented at:
Operator:	_
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWE	Chloride content: ppm Fluid volume: bbls
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East 🗌 West
ENHR Permit #: GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date 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 Approved by: Date:											

	Side Two	1
Operator Name:	Lease Name:	Well #:
Sec TwpS. 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 (Attach Additional She	eets)	Yes]No		g Formatio	n (Top), Depth an	d Datum	m Sample		
Samples Sent to Geolog	,	Yes] No	Name	9		Тор	Datum		
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ ☐ Yes ☐ ☐ Yes ☐] No] No] No							
List All E. Logs Run:										
			ASING RE	ECORD Ne		on. etc.				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.	3	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify For		RD - Bridge P Each Interval I		e		Depth		
TUBING RECORD:	Siz	:e:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed P	Producti	on, SWD or ENHF	₹.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours				Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	BAS:	METHOD OF COMPLE						PRODUCTION INT	ERVAL:	
Vented Sold	Jsed on Lease	Open Hole Perf. Dually Co (Submit ACC					Commingled (Submit ACO-4)			
(If vented, Subr	nit ACO	-18.)		Other (Specify)						

Form	ACO1 - Well Completion
Operator	Pioneer Natural Resources USA, Inc.
Well Name	Newby 4-34
Doc ID	1056491

Tops

Name	Тор	Datum				
Glorieta	1257	КВ				
Hollenberg	2538	КВ				
Herington	2557	КВ				
Krider	2586	КВ				
Towanda	2697	КВ				
Ft. Riley	2751	КВ				
A1 Lime	2884	КВ				
B1 Lime	2945	КВ				
B2 Lime	2971	КВ				
Base B2 Lime	2984	КВ				

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Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
3	Chase	Shot & Fractured	2702-2726
3	Chase	Shot & Fractured	2730-2753
3	Chase	Shot & Fractured	2762-2788
3	Chase	Shot & Fractured	2810-2812
3	Council Grove	Shot & Fractured	2854-2859
3	Council Grove	Shot & Fractured	2869-2880
3	Council Grove	Shot & Fractured	2958-2973
3	Council Grove	Shot & Fractured	2988-2994

CEMENTING TREATMENT REPORT					PIO	NEE	R						MBER SO2010020		DATE			7/29/2010		
			L RESOUR						STAGE	1		JOB TYI	PE		Long String					
ELL NAME ANI					LOCATION				RIG NAME:			л			CEMENT PUMPER:					
IELD		Newby 4-34		Sec.34, T31S, R37W FORMATION							Pioneer Natu	ral Resources Rig # 3	BOTTOM			FT	ТОР	2305	FT	
	Hu	igoton-Panoma	a					WELL DATA BIT SIZE		7 7/8	CSG/Liner Size	5 1/2								
OUNTY		8			STATE		API NO.		TOTAL DEPT	н	3185	WEIGHT	15.5						-	
001111		Stevens				unsas			MUD TYPE		0100	FOOTAGE	3176							
							1010	0)22710				GRADE	J-55						-	
IC FOREMAN				Dem	:-1- D/D:11 X	r: _ :1						THREAD							_	
IG FOREMAN				Den	ick Berry/Bill V	Igil						LESS FOOTAGE	LT&C						_	
									MUD DENSIT	Y		SHOE JOINT(S)	42						TOTAL:	
EMENT SUPERVI	ISOR				Stan Owens				MUD VISC	Energy Constant		Disp. Capacity	74.6						74.6	
									TYPE	From Ground I	Level To Head In	Disp. Capacity		TYPE						
									DEPTH					DEPTH						
									TYPE				e Tool	TYPE	1					
PECIAL INSTRUC	CTIONS								DEPTH				Stage	DEPTH						
									Head & Plugs			TBG		1	•	•				
									1			SIZE		ЛС	TYPE					
									Double B	ox 6	WEIGHT			TOOL	DEPTH					
									Single		GRADE			TAIL PIPE:			SIZE		DEPTH	
									Swage		THREADS	1		TUBING VO			SILL		BBLs	
									Knockout					CSG VOL B		OOL			BBLs	
IFT PRESSURE		1	200	ps	i					•	DEPTH			TOTAL					BBLs	
RESSURE LIMIT	г		.680	ps	i BUMP PLU			2000	CEMENT TE	IDEDATIDE			80	ANNULAR					BBLs	
RESSURE LIMIT			000	ps							2.		80 8.5 pH			SG			TEMP	
TIME	DDEC	SUDE	VOLUME	DIMPER	NO. of Centr			14	WATER QUA			<u>I</u>		32	U	36	LEFTIC	CATION	ILMP	
TIME 0001 to 2400			VOLUME INCR	CUM	JOB SCHED TIME:	8:00	DATE:	ARRIVE ON LOCATIO 7/29/2010 TIME: 2:30			DATE:	7/29/2010	RIG UP TIME:	9:00	DATE.	7/29/2010	LEFT LO TIME:	DCATION	DATE: 7	/29/20
11:27		2000	0.5		0.5	H20)	8.3						safety me						
11:29		90	20		3	H20)	8.3						ıp H20 ahe						
11:42		100	106		3	CM	Γ	12.5				Міх	and pump	lead ceme	nt @ 12	2.5 ppg.				
12:14		100	37		3	CM	Г	15				М	ix and pump	o tail ceme	nt @ 15	5 ppg.				
12:32												Sh	ut down and	l wash pur	nps and	lines.				
12:33													Dr	op top plu	g.					
12:34		220	69.6		3	H20)	8.3					Pump	displacen	nent.					
12:56		1750	5		2	H20)	8.3				Bump p	lug and chec	ck floats. (Float di	d not hole	d.)			
13:00		2000	0.5		2	H20)	8.3				Bum	pplug and o	check float	ts. (Hel	ld O.K.)				

								Call Outs 25 Bt	ols 250 Psi.	50 Bbls 800	Psi	72 Bbls	1100 Psi.	Bumped @ 150) psi.
				Well circulated cement at 55 bbls. displacement away.											
									I	Pumped 20 bl	bls good c	ement to	the pit.		
13:15										Post j	ob safety	meeting.			
System Used	No.of	Yield						COMPOSITION OF SYSTEM						SLURRY	
	Sacks	ft ³ /sk												BBLS	DENSITY
	325	2						SDC						116	12.5
	170	1.23						Surface Cement						37	15
													<u> </u>		
CIRCULATION	٧	′es	No	WASHED CA	SING DOW		🗌 No		BREAKDOWN			PSI	FINAL	2000	PSI
			<0 7	DDLC			TURNED TO	SURFACE	BEFORE PLUG	BUMP	000	D	DATE	-	DD1 (
DISPLACEMENT	VOL.		68.7	BBLS		2	5 Bbls.		PRESSURE		800	PSI	RATE	2	BPM

CEMENTING TREATMENT REPORT PIONEER								TREATMENT NUMBER FG2010025 STAGE JOB TYPE				7/25/2010				
						L RESOURC	ËS	Incourse		1				TADTT	Surface	
VELL NAME AND NO. Newby 4-34 LOCATION (LEGAL) 1368'FSL&1373'FWLSec.34,T31S,R37						ec.34,T31S,R37W	RIG NAME:	1	Pioneer #3			EMENT PU		2305		
ELD					FORMATIC	DN		WELL DATA	10.174		BOTTOM			FT TOP		FT
DUNTY		Hugoton			STATE	[API NO.	BIT SIZE TOTAL DEPTH	12 1/4' 571'	CSG/Liner Size WEIGHT	8 5/8 24					-
		Stevens				ansas	18312	MUD TYPE	571	FOOTAGE	560					-
								BHST		GRADE	J-55					
IG FORMAN					Billy Vigil			ВНСТ		THREAD LESS FOOTAGE	UEU					_
				F				MUD DENSITY	9.4	SHOE JOINT(S)	518'					TOTAL:
EMENT SUPER				Fra	nk L. Gonza	lles		MUD VISC Include Footage From Grou	A35 ound Level To Head In	Disp. Capacity n Disp. Capacity	32.9					32.9
								TYPE DEPTH				TYPE DEPTH				
								H DEPTH			tage Tool	TYPE				
ECIAL INSTRUC	CTIONS							DEPTH	1		Š	DEPTH				
								Head & Plugs		TBG SIZE	D.P.	d T	YPE	SQUEI	EZE JOB	
								Double Box 6	WEIGHT				EPTH			
								Single	GRADE			TAIL PIPE:		SIZE	1	DEPTH
Personel; Sammy Filippo, Dan Wagner, Jose Madrid								Swage Knockout	THREADS	TUBING VOLUME BBLs Used CSG VOL BELOW TOOL BBLs						
LIFT PRESSURE 200			200	psi							TOTAL	.011 100L			BBLs	
RESSURE LIMIT	Г	1000		psi BUMP PLUG TO			800	CEMENT TEMPERAT	URE:	•		6 ANNULAR VO				BBLs
	DDEC	CLIDE	VOLUME		NO. of Centr		4	WATER QUALITY: ARRIVE ON LOCATIO	NT .		7 pH	1200	SG		72	TEMP
TIME 0001 to 2400	TBG	SURE CSG	INCR	E PUMPED CUM	JOB SCHEI TIME:		DATE: 7/25/2010	TIME: 1:45		7/25/2010	RIG UP TIME:	8:00	DATE: 7/2	25/2010 TIME:	OCATION 11:30	DATE: 7/25/2
				1	RATE	FLUID TY	PE DENSITY	1								
_																
8:30				<u> </u>							Saf	ety Meeting				
8:57		1000	1	1.0	1	H2O	8.3				Pr	essure Test				
8:58		50	20	21	2	H2O	8.3				W	ater Ahead				
9:14		50	44	65	3	Cmt.	12.5				Pump Lead	Cement @ 1	2.5 PPG	Ĵ		
								<u> </u>		1st	t 12.5 2	nd 12.3	3rd. 12	2.4		
9:30		160	27	92	3.3	Cmt.	15	<u> </u>			Pump Tail	Cement @	15 PPG			
								<u> </u>		1st	t 14.8	2nd 14.8	3rd 14	4.8		
9:45											DI	ROP PLUG				
9:47		100	32.9	124.9	4	H2O	8.3				Pump	Displaceme	ent			
		100		[1st. Ca	ll out @ 9 G	lone			
		180									2nd. Ca	ll out @ 18 (Gone			
		200									3rd. Cal	l out @ 27 (Gone			
		150			1.5						Fii	nal Pressure				
9:59		834			1.5						E	Bump Plug				
_					[_					_		_		_	
			65	189.9							Wash u	p pump and	lines			
10:45											R	IG DOWN				
System Used	No.of Sacks	Yield ft ³ /sk						COMPOSITION OF S	SYSTEM						SLUR BBLS	RY MIXED DENSITY
Crue C-1							~	B C Dogg B030 6001 P030 P	00/6 Cilcorite D1 (7							
Surf. Set	120	2.06					Clas	ss G,Pozz,P020,S001,P029,P							44	12.5
DC	120	1.25						P020,S001,P029,I	P046						27	14.8
				1												
RCULATION	✓ Y	es 🗌	No	WASHED CA	ASING DOWN	N [Yes 🗸 No			BREAKDOWN		10 P	SI FIN	NAL	834	PSI
	VOL.		33	BBLS			RETURNED TO	19 SURFACE		BEFORE PLUG BUI PRESSURE		50 P	SI RAT	TE 1.:	5	BPM