



**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: \_\_\_\_\_



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> <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Pioneer Natural Resources USA, Inc.
Well Name	SCHMIDT et al ATU 1
Doc ID	1168162

Tops

Name	Top	Datum
KRIDER	2438	
ODELL	2473	
WINFIELD	2522	
TOWANDA	2585	
FT_RILEY	2631	
FLORENCE	2684	
WREFORD	2715	
A1_LIME	2757	
B1_LIME	2815	
B2_LIME	2837	
B3_LIME	2862	
B4_LIME	2879	
B5_LIME	2888	

CEMENTING TREATMENT REPORT



TREATMENT NUMBER GH2013011	DATE 7/28/2013
STAGE	JOB TYPE surface

WELL NAME AND NO. Schmidt ATU 1	LOCATION (LEGAL) 211' FNL & 222' FWL, sec23 T30S, R38W	RIG NAME: Trinidad Drilling Rig #216	CEMENT PUMPER: 23004
FIELD	FORMATION	WELL DATA	
COUNTY Grant Co	STATE KS	API NO.	
RIG FORMAN Kevin Swafford	MUD TYPE		
CEMENT SUPER Gary Hessling	MUD DENSITY		
SPECIAL INSTRUCTIONS		MUD VISC	

BIT SIZE	CSG/Liner Size	8 5/8	FT	TOP	FT
TOTAL DEPTH	WEIGHT	24			
MUD TYPE	FOOTAGE	590.74			
<input type="checkbox"/> BHST	GRADE				
<input type="checkbox"/> BHCT	THREAD				
MUD DENSITY	LESS FOOTAGE (SEE POINTS)	42.2			TOTAL:
MUD VISC	Disp. Capacity	34.87			34.87

TYPE	DEPTH	TYPE	DEPTH
DEPTH	DEPTH	DEPTH	DEPTH

Head & Plugs	<input type="checkbox"/> FBG	D.P.	SQUEEZE JOB
<input type="checkbox"/> Double Box 6	WEIGHT	TOOL	DEPTH
<input type="checkbox"/> Single	GRADE	TAIL PIPE:	SIZE
<input type="checkbox"/> Swage	THREADS	TUBING VOLUME	BBLs
<input type="checkbox"/> Knockout	<input type="checkbox"/> New <input type="checkbox"/> Used	CSG VOL BELOW TOOL	BBLs
DEPTH		TOTAL	BBLs
CEMENT TEMPERATURE:		ANNULAR VOLUME	BBLs
WATER QUALITY:	pH	SG	TEMP

LIFT PRESSURE	204	psi	BUMP PLUG TO	500 over lift
PRESSURE LIMIT	1000	psi	NO. of Centralizers	5

TIME	PRESSURE	VOLUME PUMPED	JOB SCHEDULED FOR	ARRIVE ON LOCATION	RIG UP	LEFT LOCATION
0001 to 2400	TBG CSG	INCR CUM	TIME: 9:00 DATE: 7/28/2013	TIME: 8:30 DATE: 7/28/2013	TIME: 8:45 DATE: 7/28/2013	TIME: 12:30 DATE: 7/29/2013
			RATE FLUID TYPE DENSITY			

8:30							Arrive on location
8:45							Rig up pumps and bulk equipment
10:15							Held safety meeting
10:34	1000	2		0.5	H2o	8.34	Test pumps and lines to 1000 psi. Test good.
10:36	52	40		4	H2o	8.34	pumped H2o ahead. Circulation at 0 bbls away
10:47	70	101	143	4	Cmt	15	Mix and pump 101 bbls ( 468 sks) 15 # surface set cement
11:23	40.3	34.87	177.87	4	H2o	8.34	Drop plug and start displacement
							Displacment callouts 11 bbls 4 bpm 120 psi
							22 bbls 4 bpm 200 psi
							33 bbls 2 bpm 200 psi slow rate to 1 bbls at 33
23:33							Land plug at 1200. lift 250 psi held for 15 min test float. Tested good
							Finale lift 250 sent 25 bbls good cement to pit
0:15							Rigged down a left location

System Used	No. of Sacks	Yield ft <sup>3</sup> /sk	COMPOSITION OF SYSTEM	SLURRY MIXED
Surface Set	468	1.21	Surface set 25:75 (p:G) + 3% S1, 0.25 lb / sx p 29 , 0.25 lb / sx p 46 @ 15 # gal	BBLs DENSITY
				101 15

CIRCULATION <input type="checkbox"/> yes <input type="checkbox"/> no	WASHED CASING DOWN <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	BREAKDOWN	PSI	FINAL	1200	PSI
DISPLACEMENT VOL.	34.87	RETURNED TO SURFACE	25	BEFORE PLUG BUMP	250	RATE
	BBLs			PRESSURE	PSI	2 BPM



CEMENTING TREATMENT REPORT



TREATMENT NUMBER	GH2013012	DATE	7/30/2013
STAGE	1	JOB TYPE	longstring longstring

WELL NAME AND NO.	Schmidt ATU 1	LOCATION (LEGAL)	221' FNL. & 222' FWL Sec 23, T30S, R 38W		RIG NAME:	Trinidad drilling Rig 216		CEMENT PUMPER:	23004	
FIELD	Schmidt ATU 1		FORMATION		WELL DATA	BOTTOM		FT	TOP	
COUNTY	Grant Co	STATE	KS	API NO.	BIT SIZE	CSG/Liner Size	5 1/2			
RIG FORMAN	Dave Martinez				TOTAL DEPTH	3000	WEIGHT	15.5		
CEMENT SUPER	Gary Hessling				MUD TYPE		FOOTAGE	2975.9		
					<input type="checkbox"/> BHST		GRADE			
					<input type="checkbox"/> BHCT		THREAD			
					MUD DENSITY		LESS FOOTAGE (SEE POINTS)	42.22		TOTAL:
					MUD VISC		Disp. Capacity	69		69

Include Footage From Ground Level To Head In Disp. Capacity			
TYPE		Stage Tool	TYPE
DEPTH			DEPTH
TYPE			TYPE
DEPTH			DEPTH

SPECIAL INSTRUCTIONS  
Cement production casing

Head & Plugs	<input type="checkbox"/> FBG	<input checked="" type="checkbox"/> D.P.	SQUEEZE JOB	
<input type="checkbox"/> Double Box 6	WEIGHT		TOOL	TYPE
<input type="checkbox"/> Single	GRADE		DEPTH	
<input type="checkbox"/> Swage	THREADS		TAIL PIPE:	SIZE
<input type="checkbox"/> Knockout	<input type="checkbox"/> New <input type="checkbox"/> Used		TUBING VOLUME	BBLs
	DEPTH		CSG VOL BELOW TOOL	BBLs
			TOTAL	BBLs
			ANNULAR VOLUME	BBLs

LIFT PRESSURE	750	psi	BUMP PLUG TO	1750	CEMENT TEMPERATURE:		WATER QUALITY:		pH		SG		TEMP	
PRESSURE LIMIT		psi	NO. of Centralizers	16	ARRIVE ON LOCATION		TIME:	18:30	DATE:	7/30/2013	RIG UP		LEFT LOCATION	
											TIME:	19:00	DATE:	7/23/2013

TIME	PRESSURE		VOLUME PUMPED		JOB SCHEDULED FOR			ARRIVE ON LOCATION			LEFT LOCATION		
	TBG	CSG	INCR	CUM	TIME:	DATE:	TIME:	DATE:	TIME:	DATE:	TIME:	DATE:	
0001 to 2400					19:00	7/30/2013	18:30	7/30/2013	19:00	7/23/2013	13	22:30:00 PM	7/30/2013
					RATE	FLUID TYPE	DENSITY						
18:30													Arrive on location
19:00													Rig up pumps and bulk equipment
20:12	2000		2			H2o	8.34						Test pumps and lines to 2000 psi. Test good.
20:13		150	73	4		H2o	8.34						pumped 75 bbls H2o ahead.
20:32		160	130	203	4	Cmt							Mix and pump 130 bbls ( 304 sks) 12.5 # lead cement
21:10		30	46	249	4	Cmt	13.5						Mix and pump 41 bbls ( 142 sks) 13.5 tail cement
21:22		50	67	311	4	H2o	8.34						Wash pumps and lines, drop plug and start displacement 69 bbls.
		100											Pump 5 bbls fresh water displacement/ then pump 64bbls KCL displacement for total of 69 bbls
													Call outs 22 bbls away 4 bpm 200 psi. 44 away 4 bpm 520 psi 66 bbls away 4 bpm 710
													finale lift 750 sent 35 bbls good cement to pit
21:54													Land plug at 1560 psi tested float, float held
23:30													rigged down and left location

System Used	No. of Sacks	Yield ft <sup>3</sup> /sk	COMPOSITION OF SYSTEM				SLURRY MIXED	
			BBLs	DENSITY	BBLs	DENSITY		
Lead	304	2.4	25/75 SDC blend 3% P20, 2% S1, 0.25#/sx P29, 0.25#/sx P46 @ 12.5 #/gal				130	12.5
Surface Set	142	1.61	Surface set 25:75 (p/G) + 2% P20, 5 lb/sx p42, 2% S1, 0.25 #/sx P46, 15% p167, 2% p20 @ 13.5 # gal				41	13.5

CIRCULATION	<input type="checkbox"/> Yes <input type="checkbox"/> No	WASHED CASING DOWN	<input type="checkbox"/> Yes <input type="checkbox"/> No	BREAKDOWN	PSI	FINAL	1560	PSI
DISPLACEMENT VOL.	69	BBLs	RETURNED TO SURFACE	BEFORE PLUG BUMP	750	PSI	RATE	2 BPM
			35	PRESSURE				

