



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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Pioneer Natural Resources USA, Inc.
Well Name	DUNN ATU 1
Doc ID	1169507

Tops

Name	Top	Datum
KRIDER	2424	
ODELL	2486	
WINFIELD	2524	
TOWANDA	2566	
FT_RILEY	2621	
FLORENCE	2677	
WREFORD	2706	
A1_LIME	2752	
B1_LIME	2808	
B2_LIME	2832	
B3_LIME	2856	
B4_LIME	2873	
B5_LIME	2889	



TREATMENT NUMBER FG2013025	DATE 8/12/2013
STAGE 1	JOB TYPE Surface

WELL NAME AND NO. Dunn ATU1	LOCATION (LEGAL) 190FNL&2608FWLSEC.10,T31S,R38W	RIG NAME: Trinidad Drilling #216	CEMENT PUMPER: 23004
FIELD Hugoton/Panoma	FORMATION Glorieta	WELL DATA	BT TOP
COUNTY Stevens	STATE Kansas	API NO.	FT

RIG FORMAN: Dave Martinez
 CEMENT SUPER: Frank L. Gonzales
 Mike Vecellio

BIT SIZE 12 1/4	CSG/Liner Size 8 5/8	BOTTOM	FT	TOP	FT
TOTAL DEPTH 615'	WEIGHT 24#				
MUD TYPE <input type="checkbox"/> BHST	FOOTAGE 590.55				
<input type="checkbox"/> BHCT	GRADE J-55				
	THREAD STC				
MUD DENSITY	SHOE JOINT(S) 42.08				TOTAL:
MUD VISC	Disp. Capacity 34.9				34.9

SPECIAL INSTRUCTIONS

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

Head & Plugs	<input checked="" type="checkbox"/> PBC	SIZE 2 7/8	TOOL	TYPE	SQUEEZE JOB
<input type="checkbox"/> Double Box 6	WEIGHT 6.4			DEPTH	
<input type="checkbox"/> Single	GRADE J-55				
<input type="checkbox"/> Swage	THREADS EUE			TAIL PIPE: SIZE	DEPTH

PERSONNEL: Don Wilson, Ronald Trujillo, Eric Wheeler, Robert Ashe

LIFT PRESSURE 209 psi	NO. of Centralizer: 5 & 1 basket	WATER QUALITY: 7 Ph	PPG: 0	TEMP: 75.5
PRESSURE LIMIT 1000 psi	BUMP PLUG TO 1180	ARRIVE ON LOCATION TIME: 20:00 DATE: 8/12/2013	RIG UP TIME: 20:15 DATE: 8/12/13	LEFT LOCATION TIME: 22:30 DATE: 8/12/2013

TIME	PRESSURE	VOLUME PUMPED	NO. of Centralizer	FLUID TYPE	DENSITY	DESCRIPTION
0001 to 2400	TBG CSG	INCR CUM	5 & 1 basket			
20:20						Safety meeting
20:40	1000	2 2	1	H2O	8.3	Pressure Test
20:41	55	45 47	4	H2O	8.3	Pump Water Ahead
20:45	75	101.7 148.7	4	Cmt.	15	Pump Cement @ 15 PPG (472 Sks.)
20:55	75	34.9		H2O		Pump Displacement
21:24	50	158.7	4	H2O	8.3	1st. Call Out
21:26	130	168.7	5	H2O	8.3	2nd. Call Out
21:28	200	178.7	4	H2O	8.3	3rd. Call Out
21:31	250	183.6	1	H2O	8.3	Final Lift
21:34	1180		1	H2O	8.3	Bump Plug
21:53						Hold for 10 Min. - Plug Held
1:00		1 184.6				batched up cement then 1 Bbl. Of water ahead
1:30		16 16	1	Cmt.	15	1 INCH TOP OFF- (74 SKS.) circulated with 1 bbl. Then filled cellar with the rest
3:00		200.6				watched for an hour then Rigged Down
21:55		50 250.6	4	H2O	8.3	Wash Up Pump and Lines
22:10						RIG DOWN

System Used	No. of Sacks	Yield ft ³ /sk	COMPOSITION OF SYSTEM		SLURRY MIXED	
			BBLs	DENSITY	BBLs	DENSITY
Surf. Set	472	1.21	Class G, Pozz, S1, P29, P46		101.7	15
neat G	74	1.21	Class G		16	15

CIRCULATION <input type="checkbox"/> Yes <input type="checkbox"/> No	WASHED CASING DOWN <input type="checkbox"/> No <input type="checkbox"/> Yes	BREAKDOWN	55 PSI	FINAL	1180	PSI
DISPLACEMENT VOL. 35 BBLs	Returned to Pit 24	BEFORE PLUG BUMP	250 PSI	RATE	1 BPM	

CEMENTING TREATMENT REPORT



TREATMENT NUMBER	FG2013026	DATE	8/14/2013
STAGE	2	JOB TYPE	Production

WELL NAME AND NO.	Dunn ATU1	LOCATION (LEGAL)	190FNL&2608FWL_SEC.10.T31S.R38W	RIG NAME:	Trinidad drilling Rig #216	CEMENT PUMPER:	23004
FIELD	Hugoton/Panoma	FORMATION	Chase - Counsel Grove	WELL DATA		BOTTOM	FT TOP FT
COUNTY	Stevens	STATE	Kansas	API NO.			

RIG FORMAN	Dave Martinez	CEMENT SUPER	Frank L. Gonzales
			Mike Vecellio

SPECIAL INSTRUCTIONS	
Personnel: J.R. Ortiz,Ronald Trujillo,Robert Ashe	Don Wilson,Eric Wheeler

LIFT PRESSURE	834	psi	BUMP PLUG TO	1400	CEMENT TEMPERATURE:	80	ANNULAR VOLUME		BBLs					
PRESSURE LIMIT	2500	psi	NO. of Centralizers	16	WATER QUALITY:	7	PH	0	PPG	77	TEMP			
			JOB SCHEDULED FOR	TIME: 21:00	DATE: 8/14/2013	ARRIVE ON LOCATION	TIME: 19:30	DATE: 8/14/2013	RIG UP	TIME: 19:45	DATE: 8/14/2013	LEFT LOCATION	TIME: 23:30	DATE: 8/14/2013

TIME	PRESSURE TBG	CSG	VOLUME PUMPED INCR	CUM	RATE	FLUID TYPE	DENSITY	DESCRIPTION
20:25								Safety Meeting
20:50						H2O	8.3	Load Bottom Plug
20:51	2500	2	2	1				Pressure Test
20:52	200	75	77	4	H2O	8.3		Water Ahead
21:09	200	135	212	4	Cmt.	12.5		Pump Lead Cement @ 12.5 PPG (316 Sks.)
21:50	125	57.3	269.3	3.5	Cmt.	13.5		Pump Tail Cement @ 13.5 PPG (134 Sks.)
22:04		5	274.3	2	H2O			Wash up lines
22:04					H2O	8.3		DROP PLUG
22:06	130	70.2		4	H2O	8.3		Pump Displacement
22:14	300		294.3	3	H2O	8.3		1st. Call Out
22:21	500		314.3	3	H2O	8.3		2nd. Call Out
22:28	750		334.3	3	H2O	8.3		3rd. Call Out
22:36	850		344.5	1	H2O	8.3		Final Lift
22:36	1350							Bump Plug
22:45								Plug Held
22:50			50	394.5	4	H2O	8.3	Wash Up Pump and Lines
23:10								RIG DOWN

	No. of Sacks	Yield ft ³ /sk	COMPOSITION OF SYSTEM		SLURRY MIXED	
			BBLs	DENSITY	BBLs	DENSITY
lead	316	2.4	Class G,Pozz.P20,S1,P29,P46,P42,P154		135	12.5
tail	134	1.61	Class G,Pozz.P42,S1,P46,P167,P20		57.3	13.5

CIRCULATION	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	WASHED CASING DOWN	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	BREAKDOWN	200 PSI	FINAL	1350	PSI
DISPLACEMENT VOL.	70.2	BBLs	50	RETURNED TO SURFACE	850	PSI	RATE	1 BPM