



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 <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	OLSON, RUBY A 2-4
Doc ID	1153141

All Electric Logs Run

CDL
NDL
CBL
DIL
TEMP

AFE# D13045

McPherson Drilling LLC

Drillers Log

McPherson Drilling LLC

Rig Number: 2	S. 2 T. 28 R. 16 E
API No. 16-205-28111	County Wilson
Elev 1044	Location SE-NE-NW-SW

Operator: Post Rock midcontinent Production	
Address: Oklahoma Tower 210 Park Ave Ste 2750	
Well No: 2-4	Lease Name: Olson Ruby A
Footage Location: 1990 ft from the (N) (S) Line	
	1300 ft from the (E) (W) Line
Drilling Contractor: McPherson Drilling LLC	
Spud date: 3/14/13	Geologist:
Date Completed: 3/15/13	Total Depth: 1205

Gas Tests:	
855'	Ø
981'	Ø
1081'	Ø
1131'	Slight Blow

Casing Record		Rig Time:
Size Hole:	Surface: 11"	Production: 7 7/8"
Size Casing:	8 5/8"	
Weight:	23 ^{lb}	
Setting Depth:	20.5'	Post Rock
Type Cement:	port	" "
Seals:	5	

In water or 500'			Well Log					
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Top Soil	0	4	Sand	670	681	Coal	987	988
lime	4	26	Shale	681	698	Shale	988	994
shale	26	131	coal	698	699	Sand	994	999
lime	131	154	Shale	699	726	Shale	999	1018
shale	154	195	Sand	726	753	coal	1018	1019
lime	195	269	Shale	753	761	Shale	1019	1024
shale	269	291	lime	761	779	Sand/Shale	1024	1052
lime	291	294	Shale	779	795	coal	1052	1053
Sand	294	318	coal	795	796	Shale	1053	1076
Shale	318	357	Shale	796	817	coal	1076	1077
Sand	357	362	Shale	817	831	Shale	1077	1086
lime	362	376	Orange lime	831	838	oil sand	1086	1118
Sand	376	383	Shale	838	848	Sand/Shale	1118	1131
lime	383	437	lime	848	853	coal	1131	1132
Shale	437	449	Shale	853	861	Sand/Shale	1132	1142
Sand	449	477	Shale	861	877	water sand	1142	1177
Shale	477	492	oil sand	877	884	Shale	1177	1198
lime	492	537	Sand	884	913	coal	1198	1199
Shale	537	612	Sand/Shale	913	914	Shale	1199	1205
lime	612	624	coal	914	914			
Sand	624	633	Shale	914	927			
Shale	633	643	coal	927	928			
lime	643	665	Shale	928	962			
Shale	665	670	coal	962	963			
			Shale	963	987			



PostRock
Energy Corporation

211 W. 14TH STREET,
CHANUTE, KS 66720
620-431-9500

TICKET NUMBER

8001

FIELD TICKET REF #

FOREMAN Nathan Gahman

AFE D13045

SSI

API 15-205-28111-00-00

**TREATMENT REPORT
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
3-18-13	Olson, Ruby A. 2-4		2	28S	16E	Wilson	
FOREMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Nathan Gahman	1:30	6:30		905575		5	<i>Nathan Gahman</i>
Chris Kincaid	1	5:30		903142	932895	4	<i>Chris Kincaid</i>
Greg Blackmore	1	5:30		902490		4	<i>Greg Blackmore</i>

JOB TYPE Long String HOLE SIZE 2 7/8 HOLE DEPTH 1205 CASING SIZE & WEIGHT 5 1/2, 14th
 CASING DEPTH 1198.78 DRILL PIPE _____ TUBING _____ OTHER Bus Jones rig crew
 SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 0
 DISPLACEMENT 29.5 DISPLACEMENT PSI 500 MIX PSI _____ RATE 4.0

REMARKS: On location at 2:00. Ready to run casing at 2:15. Washed
in final 40' of casing ready to cement at 3:45. See
COWS ticket for cement job details. Pulled trucks out
with dozer, and dug pit larger. Trace oil show
No topoff needed.

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICE OR PRODUCT	TOTAL AMOUNT
905575	1	Foreman Pickup	
		Cement Pump Truck	
		Bulk Truck	
902490	1	Transport Truck Haul truck	
		Transport Trailer	
931150	1	8000 Dozer	
903142	1	Casing Truck	
932895	1	Casing Trailer	
	1198.78	Casing	
	6	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
		Frac Baffles	
		Portland Cement	
		CSA-122 Sodium Silicate	
		CGL-115 Cement Fluid Loss	
	6 sks	Premium Gel	
		Cal Chloride	
		City Water	
		Chemthix-P Thixotropic	
		KOL Seal	
	1 sk	Cotton Seed Hulls	



CONSOLIDATED
Oil Well Services, LLC

WFL # D13045

TICKET NUMBER 41402

LOCATION Luetta, KS

FOREMAN Shannon Leck

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT Apr # 15-205 2811

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-18-13		Olson, Ruby 2-4				Wilson
CUSTOMER <u>Post Rock Energy Corp</u>			605 Jones pulling unit			
MAILING ADDRESS <u>4402 Johnson Rd</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY <u>Chanute, KS</u> STATE <u>KS</u> ZIP CODE			<u>445</u>	<u>Dave G</u>		
			<u>611</u>	<u>Joey K</u>		
			<u>93</u>	<u>Alan G</u>	<u>McLay Trucking</u>	

JOB TYPE 4/5 HOLE SIZE 7 1/2" HOLE DEPTH 1205 CASING SIZE & WEIGHT 5 1/2" @ 14#
 CASING DEPTH 1198.78 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.9#/gal SLURRY VOL 55 Bbl WATER gal/sk 6.02 CEMENT LEFT in CASING 0
 DISPLACEMENT 29.5 DISPLACEMENT PSI 500 MIX PSI 1000 bump plug RATE Displace @ 4 BPM

REMARKS: Safety meeting, Rig up to 5 1/2" casing, wash down 30' w/ 85 Bbl H2O, mixed 600# gal flush w/ hulls, 10 Bbl H2O spacer, 10 Bbl dye H2O, mixed 205 sks 50/50 Pozmix cement with 2% gel, 2% calcium, 3# Cal-seal/sk, 5# Kol-seal/sk, 1# phenoseal/sk + 1/4% CIL-115 @ 13.9#/gal, shut down wash out pump & lines, Displace w/ 29.5 Bbl H2O, Final pumping pressure of 500 psi, bumped plug to 1000 psi, Plug & flood held, Good circulation @ all times, 8 Bbl slurry to pit. Job complete

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1030.00	1030.00
5406	30	MILEAGE # 3 of 3 wells	4.00	120.00
1124	205 sks	50/50 Pozmix cement	10.15	2244.75
1116B	400 #	Gel @ 2%	.21	84.00
1102	400 #	Calcium @ 2%	.74	148.00
1101	615 #	Cal-seal @ 3#/sk 1#-3	.40	246.00
1110A	1025 #	Kol-seal @ 5#/sk	.46	471.50
1107A	205 #	Phenoseal @ 1#/sk	1.29	264.45
1135A	50 #	CIL-115 @ 1/4%	10.55	527.50
5407A	954 hrs	Ten mileage bulk Truck (130 miles)	1.34	395.56
5507C	31105	80 Bbl Vac Truck	90.00	270.00
1123	3300 gal	city water	16.50/1000	541.45
			Sub Total	5856.21
			6.3% SALES TAX	254.56
			ESTIMATED TOTAL	6110.77

Ravin 3737

AUTHORIZATION [Signature] TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

Olson, Ruby A. 2-4

Pipe #	Joint Length	Running Total - NO threads	Baffle Location	PostRock Energy- Casing Tally Sheet
1	43.34	43.09		Date: 2/25/13 Olson 2-4
2	43.4	86.24		Well Name & #: James Grady 5-8
3	43.44	129.43		Township & Range: 28S - 16E
4	43.37	172.55		County/State: Wilson/Kansas
5	43.43	215.73		AFE#: D13036 D13045
6	43.38	258.86		API# 15-205-28111-00-00
7	43.31	301.92		Comments: Projected TD-1205'
8	43.32	344.99		
9	43.34	388.08		
10	43.38	431.21		Joints are numbered in Yellow
11	43.38	474.34		Subs are in orange
12	43.37	517.46		
13	41.43	561.64		Added these subs for flexibility to adjust to actual TD
14	43.32	601.71		
15	43.32	644.78		
16	43.3	687.83		
17	43.4	730.98		
18	43.32	774.05		Trailer# 932895
19	43.44	817.24		
20	43.41	860.4		This was the string for Grady 5-8
21	43.26	903.41		
22	43.39	946.55		
23	43.35	989.65		Add joints 23,24,25 from the Grady 5-9
24	43.25	1032.65		
25	43.34	1075.74		Actual TD - 1205 Log Bottom - 1199.60 Casing Tally - 1198.78 No Baffles Centralizers per SOP
26	5.23	1080.72		
27	10.27	1090.74		
28	15.05	1105.54		
29	43.34	1148.63		
30	45.41	1193.79		
31	4.99	1198.78		
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PostRock Energy Corp.