



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1182940
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1182940

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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PostRock
Energy Corporation

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

TICKET NUMBER **8094**
FIELD TICKET REF # _____
FOREMAN _____
AFE D13803
SSI _____
API 15-207-28566-05-00

**TREATMENT REPORT
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
6/21/13	Eco Ranch 33-11			33	2CS	18E	Woodson
FOREMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Darrell Creney	2:30	7:00		905575		4.5	[Signature]
Chris Vincent		7:00		902490	931900	4.5	[Signature]
Greg Blackmore		6:30		904815	100	4	[Signature]

JOB TYPE Long String HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT 5.5 / 14 1/8
 CASING DEPTH 1370.43 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Washed in about 1/2' of casing. Head is light showing at oil.
Well will not need topped off

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICE OR PRODUCT	TOTAL AMOUNT
905575	1	Foreman Pickup	
	Cows	Cement Pump Truck	
	Cows	Bulk Truck	
	Cows	Transport Truck	
	Cows	Transport Trailer	
	Cows	80 Vac	
902490	1	Casing Truck	
931900	1	Casing Trailer	
	1370.43	Casing	
	7	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	10 gal	Free Ballies <u>Gammacel</u>	
		Portland Cement	
		CSA-122 Sodium Silicate	
		CGL-115 Cement Fluid Loss	
	756.5	Premium Gel	
		Cal Chloride	
		City Water	
		Chemthix-P Thixotropic	
		KOL Seal	
	15K	Cotton Seed Hulls	



CONSOLIDATED
Oil Well Services, LLC

WELL # D13103
APR # 15-207-28566

TICKET NUMBER 42965
LOCATION Lureka KS
FOREMAN Shannon Fitch

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

FIELD TICKET & TREATMENT REPORT

CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-21-13	6628	Ecco 33-4				
CUSTOMER <u>Post Rock Energy Corp</u>			GWS			
MAILING ADDRESS <u>4702 Johnson Rd</u>			Jones			
CITY <u>Chanute</u>	STATE <u>KS</u>	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
			445	Dave B		
			479	colby N		
			77	Rudy M		

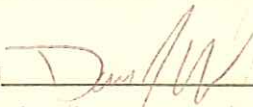
JOB TYPE L/S ⁰ HOLE SIZE 7 3/4" HOLE DEPTH 1375' CASING SIZE & WEIGHT 5 1/2" @ 14"
 CASING DEPTH 1370.43 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.9 #/gal SLURRY VOL 60 Bbl WATER gal/sk 6" CEMENT LEFT in CASING d
 DISPLACEMENT 34 Bbl DISPLACEMENT PSI 500 MIX PSI 1000 Ramp Plug RATE Displace @ 4 BPM

REMARKS: Rig up to 5 1/2" casing, wash down 5' w/ 70 Bbl H₂O, mixed 800# gel flush w/ 2 sks hulls, 10 gal gamma gel, mixed 225 sks 50/50 permit cement w/ 2 gal gel. 20% calcium, 3# cat-seal/sk, 5# kot-seal/sk, 1# phososeal/sk & 1/4% CIL-115 @ 13.9 #/gal. Shut down, wash out pump & lines, displace w/ 34 Bbl H₂O. Final pumping pressure of 500 psi, bumped plug @ 1000 psi. Plug & F logat held, good circulation @ all times, 7 Bbl slurry to pit. Job complete.

"Thanks Shannon & Crew"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1085.00	1085.00
5406	70	MILEAGE # 3 of 3 wells	4.20	84.00
1124	225 sks	50/50 permit cement	11.50	2587.50
1118 B	378 #	gel @ 2%	.22	83.16
1102	378 #	calcium @ 2%	.78	294.84
1101	675 #	cat-seal @ 3 #/sk	.42	283.50
1110 A	1125 #	kot-seal @ 5 #/sk	.46	517.50
1107 A	225 #	phososeal @ 1 #/sk	1.35	303.75
1135 A	50 #	CIL-115 @ 1/4%	11.08	554.00
5407 A	10 ⁸ tons	700 milege bulk Truck (xsumies)	1.41	761.40
5507 C	4 hrs	80 Bbl vac Truck # TT McCoy Trucking	90.00	360.00
			Subtotal	6914.65
			SALES TAX 6.3%	291.32
			ESTIMATED TOTAL	7205.97

Ravin 3737

AUTHORIZATION  TITLE _____ DATE 6/21/13

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

GUS JONES, LLC

Cable Tool Service
149 RD 25 • Elk City, KS 67344
(620) 642-6315

JOB SHEET

AFEH D13103

Date 6-21-13	Start Time	Finish Time	Total Time 6 Hr
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Orderd by : New well ~~Wilson~~ co. woodson Lease : ECCO

Company : Post Rock Well #: 33-4

Type of Job or Rig : 3

Job Description : Drive to loc Rip up Run in 5 1/2 casing
Recip while cementing and clamp Rip down

Dem

Fishing Tool or Packer Rental Charges \$ _____

Power Tong Charge \$ 50 (Per Trip In or Out) Number of trips 1

Parts Used : Supplied By G.J. Economy Other _____

Valve Cups _____	Working Barrels _____
Ball & Seats _____	Swab Cups _____
Seating Cups _____	Other _____

Description of Other : _____

ECCO Ranch 33-4

Pipe #	Joint Length	Running Total - NO threads	Baffle Location	PostRock Energy- Casing Tally Sheet
1	45.45	45.2		Date: 6/21/13
2	45.46	90.41		Well Name & #: Ecco 33-4
3	45.47	135.63		Township & Range: 26S-15E
4	45.47	180.85		County/State: Woodson/KS
5	45.47	226.07		AFE#: D13103
6	45.49	271.31		API# 15-207-28566-00-00
7	45.48	316.54		Comments:
8	45.46	361.75		Projected TD- 1375'
9	45.47	406.97		
10	45.47	452.19		Joints are numbered in White
11	45.46	497.4		
12	45.47	542.62		Subs are in orange
13	45.44	590.81		
14	45.48	633.04		
15	45.45	678.24		
16	45.48	723.47		
17	45.46	768.68		Added these subs for
18	45.45	813.88		flexibility to adjust to actual TD
19	45.47	859.1		
20	45.44	904.29		Trailer#
21	45.21	949.25		
22	45.45	994.45		Actual TD - 1375
23	45.47	1039.67		Log Bottom - 1372.80
24	45.45	1084.87		Casing Tally - 1370.43
25	45.47	1130.09		No Baffles
26	45.46	1175.3		Centralizers per SOP
27	45.21	1220.26		
28	45.25	1265.26		
29	45.47	1310.48		
30	45.43	1355.66		
31	15.02	1370.43		
32	9.94	1380.12		
33	5.01	1384.88		
34				
35				
36				
37				
38				
39				
40				

PostRock Energy Corp.

Rig Number: 2	S. 33 T. 26 R. 15 E
API No. 15-207-28566	County: Woodward
Elev. 1027'	Location: SW-SW-NW-SW

Operator: Post Rock midcontinent Production
Address: Oklahoma Tower 210 Park Ave Ste 2750 Oklahoma city ok 73102
Well No: 33-4 Lease Name: Ecco Ranch
Footage Location: 1325 ft. from the (N) (S) Line 2390 ft. from the (E) (W) Line
Drilling Contractor: McPherson Drilling LLC
Spud date: 6/18/13 Geologist:
Date Completed: 6/20/13 Total Depth: 1375'

Gas Tests:
1056' Ø
1156' Ø
1356' Slight Blow
Put oil on pit from 1298 TO 1327

Casing Record		Rig Time:
Surface	Production	
Size Hole: 11"	7 7/8"	
Size Casing: 8 7/8"		
Weight: 23#		
Setting Depth: 41'	Post Rock	
Type Cement: port	" "	
Sacks: 10		

Inj water @ 530'			Well Log					
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Top Soil	0	3	mulkey	1029	1035			
Gravel Stone	3	16	lime	1035	1037			
Shale	16	164	Sand/Shale	1037	1044			
lime	164	215	Sand	1044	1054	Ø		
shale	215	400	Sand/Shale	1054	1058			
lime	400	443	Sand	1058	1067	Ø		
Sand	443	463	Sand/Shale	1067	1086			
coal	463	465	Shale	1086	1117			
sand shale	465	499	Sand	1117	1130	Ø		
lime	499	603	Sand/Shale	1130	1137			
shale	603	612	Shale	1137	1184			
lime	612	718	coal	1184	1185			
shale	718	812	Shale	1185	1189			
lime	812	817	Sand	1189	1196	Ø		
Shale	817	820	Sand/Shale	1196	1204			
lime	820	847	Shale	1204	1240			
Sand	847	934	oil Sand	1240	1303			
Shale	934	950	coal	1303	1304			
lime	950	970	oil Sand	1304	1327			
coal	970	971	Shale	1327	1365			
Shale	971	998	coal	1365	1366			
ss wega lime	998	1015	Shale	1366	1371			
Summit	1015	1020	Mississippi	1371	1375	TO		
lime	1020	1029						