



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1077264
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: _____

1077264

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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Form	ACO1 - Well Completion
Operator	O'Brien Energy Resources Corp.
Well Name	Singley West 4-29
Doc ID	1077264

Tops

Name	Top	Datum
Heebner	4427	-1818
Toronto	4452	-1843
Lansing	4589	-1980
Marmaton	5240	-2631
Cherokee	5406	-2797
Atoka	5692	-3083
Morrow	5748	-3139
Mississippi Chester	5877	-3268
Ste Genevieve	6136	-3527
St. Louis	6234	-3625



BASIC
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer	O'Brien Energy	Lease No.	120-39	Date	1-20-12
Lease	Singby West	Well #	120-39	Service Receipt	02677
Casing	7 5/8" 24#	Depth	1510'	County	Moore
Job Type	242-5755	Formation		Legal Description	29-33-29

Pipe Data		Perforating Data		Cement Data
Casing size	7 5/8" 24#	Tubing Size	TPB	Lead
Depth	1510'	Depth		400sk
Volume	93.5 bbl	From		A Can
Max Press	2800#	To		
Well Connection	10-510	From		Tail in
Plug Depth	51-92'	To		150sk
		From		Prem. Plus
		To		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:30					on loc-site assessment
10:45					soot trucks- rig up
11:00					start csg + port pump
1:30					csg pulsation, break circ
1:30					soot trucks waiting / ISA
2:00					pressure test 3000#
2:40	200		210	4	start w/ 100sk A Can w/ 3800, 1/2" mlc, flake, 2% WPA 1e
					11.4 ppb - 2.95 14.5sk - 18.10 gal/sk
3:00	150		36	4	switch to 150sk Premium Plus w/ 270 CC, 1/2" polyflake @ 14.8 ppb - 1.34 4.5sk - 6.33 gal/sk
3:15	50		0	5	drop plug, drop csg
3:40	500		80	80	slow pull back to 210 hold for 20
3:45	1100		93	0	land plug, port held circ. out to surface
					job complete

Service Units	211776	28116 10010	19898-19893	304611-19898
Driver Names	A. Rivera	J. Martinez	K. Baker	D. Landry

R. Berman Customer Representative
 J. Bennett Station Manager
 A. Rivera Cementer



BASIC
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer <i>Brien Energy</i>		Lease No.		Date <i>1-26-12</i>	
Lease <i>Singley West</i>		Well # <i>4-29</i>		Service Receipt	
Casing <i>4 1/2</i>	Depth <i>6382</i>	County <i>Meade</i>		State <i>KS</i>	
Job Type <i>L.S.</i>		Formation		Legal Description <i>29-33-29</i>	
Pipe Data			Perforating Data		Cement Data
Casing size <i>4 1/2</i>	Tubing Size	Shots/Ft		Lead <i>235 SK AA -2</i>	
Depth <i>6352</i>	Depth	From	To	<i>214.88 5% W-60</i>	
Volume <i>100.99</i>	Volume	From	To	<i>10% salt, 6% C-15</i>	
Max Press <i>2500</i>	Max Press	From	To	Tail in <i>50SK R4M</i>	
Well Connection <i>PC</i>	Annulus Vol.	From	To	<i>@ 13.5#</i>	
Plug Depth	Packer Depth	From	To		
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>11:10</i>					<i>on loc. spot trucks R.D. sulfate mix</i>
<i>12:37</i>	<i>3000</i>				<i>Psi test</i>
<i>12:34</i>	<i>400</i>		<i>12</i>	<i>4</i>	<i>Pump mud flush</i>
<i>07:36</i>	<i>400</i>		<i>5</i>	<i>4</i>	<i>Pump H2O spacer</i>
<i>07:40</i>					<i>Plug R4M</i>
<i>07:52</i>	<i>400</i>		<i>0</i>	<i>5.5</i>	<i>start mixing @ 14.5#</i>
<i>13:08</i>	<i>0</i>		<i>63</i>	<i>-</i>	<i>Finished mixing washup</i>
					<i>Drop Plug</i>
<i>03:12</i>	<i>0</i>		<i>0</i>	<i>5</i>	<i>start disp.</i>
<i>03:32</i>	<i>900</i>		<i>91</i>	<i>2</i>	<i>slow rate</i>
<i>03:37</i>	<i>1000-1600</i>		<i>101</i>	<i>-</i>	<i>Plug down</i>
<i>03:38</i>	<i>1600-0</i>				<i>Rel. Psi, float held</i>
					<i>Job complete</i>
					<i>Thank you</i>
					<i>Chad & crew</i>
Service Units	<i>19858</i>	<i>381119919</i>	<i>1987819883</i>		
Driver Names	<i>C. Hinz</i>	<i>R. Martinez</i>	<i>K. Baker</i>		

Chad Hinz
Customer Representative

Serry Bennett
Station Manager

Chad Hinz
Cementer

O'Brien Energy Resources, Inc.
Singley West No. 4-29, Singley Field
Section 29, T33S, R29W

Meade County, Kansas

July, 2010

Well Summary

The O'Brien Energy Resources, Singley West No. 2-29 was drilled to a total depth of 6400' in the Mississippian St. Louis Formation without any problems and in a total of 90 rotating hours. The Singley West No. 4-29 offset the Singley West No. 2-29 by 2640' to the South and the Singley West No. 1-29 by 1650' to the SW. Formation tops generally ran 6' to 20' low relative to these two wells. The Morrow came in 10' low to both wells.

Excellent Morrow Sandstone shows were documented from a non-homogeneous interval from 5770' to 5806' and associated with 90 to 150 Unit gas kicks. Sandstone (30% sample): Speckled green, light to medium brown to gray, translucent, firm to friable, very fine upper, well sorted subround grains, calcareous cement, very glauconitic in part, tight to good intergranular porosity and trace fine vuggy porosity, pale mottled blue to yellow hydrocarbon fluorescence in up to 10% of the samples, slow streaming to bleeding cut, gas bubbles when crushed, no stain.

Two similar minor sample shows occurred in the St. Louis (6236'-6239') and (6296'-6312') and associated with a 20 Unit and 30 Unit gas increase respectively. Limestone: Light mottled brown to gray, white, mottled redbrown to brown, biomicrite, finely crystalline, chalky in part, fossiliferous, sandy, trace intercrystalline and isolated moldic and vuggy porosity, very dull goldbrown hydrocarbon fluorescence, good streaming cut, trace brown matrix oil stain and live oil.

An interesting 95 Unit gas kick occurred from an excellent drill break in the St. Louis (6258' - 6270') and was documented as a very soft chalky Limestone with no hydrocarbon fluorescence or show. Gas crossover is noted on logs.

4 1/2" production casing was run on the Singley West No. 4-29 on 1/25/12 to production test the above mentioned shows.

Respectfully Submitted,

Peter Debenham

WELL DATA

Operator: O'Brien Energy Resources, Inc., John Forma – Portsmouth, NH
Geologist: Paul Wiemann – Denver, CO

Prospect Geologist: Ed Schuett & David Ward, Denver

Well: Singley West No. 4-29

Field: Singley West

Location: 1980' FSL & 2300' FWL, Section 29, T33S, R29W, Meade County, Kansas – 15 miles SE of Meade.

Elevation: Ground Level 2597', Kelly Bushing 2609'

Contractor: Duke Drilling Rig No. 6, Type: Double jackknife, triple stand, Toolpusher Rick Schollenbarger, Drillers: Terry Sorter, DannyWhite, Saul Garcia

Company Man: Roger Pearson – Liberal, Kansas

Spud Date: 1/18/12

Total Depth: 1/24/12, Driller 6400', Logger 6404', Mississippi St. Louis

Casing Program: 35 joints of 8 5/8", J55, 24Lbs/ft, set at 1510'. 4 1/2" production casing to TD.

Mud Program: Mud-Co/Service Mud Inc., Engineer Toney Maestas, Type: Chemical Gel/LCM, displaced 2500'.

Wellsite Consultant: Peter Debenham, Call depth 4000', Box 350, Drake, CO 80515, 720/220-4860.

Logging Trailer: Rental from MBC Well Logging and Leasing, Austin Garner, Meade.

Samples: 20' to TD. Zones of interest saved.

Electric Logs: Weatherford, engineer Lynn Scott, 1) Array Induction, 2) Neutron/Density, 3) Microlog , Hi-Res.

Status: 4 1/2 " production casing to TD on 1/25/12.

WELL CHRONOLOGY

6 AM	<u>DATE</u>	<u>DEPTH</u>	<u>FOOTAGE</u>	<u>RIG ACTIVITY</u>
	1/18	160'	160'	Rig up rotary tools. Mix spud mud and drill mouse hole and rat hole. Apud in 12 1/4" surface hole to 160'.
	1/19	1500'	1340'	Surveys(1 – 3/4 deg.). Drilling and service.
	1/20	1900'	400'	To 1510' and circulate. Drop surveys(1 deg.) and trip out. Rig up casing crew and run and cement 35 joints of 8 5/8" set at 1510'. Cement(550 sacks) and wait on cement – plug down 3:45 am. Wait on cement. Back off 8 5/8" and nipple up blow out preventer and pressure test to 500 PSI. Drill plug and cement shoe, new 7 7/8" hole to 1800' and trip for Bit No. 3. Drill to 1900'.
	1/21	3350'	1450'	Clean suction and surveys(3/4 deg.). Displace mud system at 2500'.
	1/22	4500'	1150'	
	1/23	5585'	1085'	To 5001' and circulate and condition mud and wiper trip 25 stands and drill to 5585'.
	1/24	6400'TD	815'	To 6400'TD and circulated and condition mud. Short trip 40 stands and circulate. Drop survey(3/4 deg.) and trip out for logs.
	1/25	TD		Trip for logs and run e-logs. Trip to bottom and circulate. Trip out laying down and run and cement 4 1/2" production casing to TD. Rig down.

BIT RECORD

<u>NO.</u>	<u>MAKE</u>	<u>TYPE</u>	<u>SIZE</u>	<u>OUT</u>	<u>FOOTAGE</u>	<u>HOURS</u>
1	RR STC	MXCL	12 1/4"	1510'	1510'	26
2	STC	F27	7 7/8"	1800'	290'	4 1/2
3	HTC	Q506F	7 7/8"	6400'	4600'	89 3/4
				Total Rotating Hours:		68 1/4
				Average:		89 3/4 Ft/hr

DEVIATION RECORD – degrees

533' 1, 999' 3/4, 1510' 1, 2030' 1/2, 2499' 3/4, 6400' 3/4

MUD PROPERTIES

<u>DATE</u>	<u>DEPTH</u>	<u>WT</u>	<u>VIS</u>	<u>PV</u>	<u>YP</u>	<u>pH</u>	<u>WL</u>	<u>CL</u>	<u>LCM-LBS/BBL</u>	
1/19	1005'	Make up water							120	
1/20	2412'	9.6	28			7.0	n/c	64K	tr	
1/22	3864'	9.2	41	11	13	9.5	10.4	7.2K	4	
1/23	4921'	9.4	60	18	22	10.0	7.2	3.4K	3	
1/24	5985'	9.2	67	19	23	10.0	7.2	2.1K	3	
1/25	6400'TD	9.4	55	17	20	8.0	8.0	2K	3	

ELECTRIC LOG FORMATION TOPS- KB Elev. 2609'

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>	<u>*Singley West No. 2-29</u>	
			<u>DATUM</u>	<u>POSITION</u>
Heebner	4427'	-1818'	-1794'	-24'
Toronto	4452'	-1843'	-1824'	-19'
Lansing	4589'	-1980'	-1961'	-19'
Marmaton	5240'	-2631'	-2619'	-12'
Cherokee	5406'	-2797'	-2777'	-20'
Atoka	5692'	-3083'	-3070'	-13'
Morrow	5748'	-3139'	-3128'	-10'
Mississippi Chester	5877'	-3268'	-3262'	-6'
Ste Genevieve	6136'	-3527'	-3497'	-30'
St. Louis	6234'	-3625'		
TD	6404'	-3795'		

*O'Brien Energy Corp., Singley West No. 2-29, 660'FNL & 1980'FWL, Sec. 29 – approximately 2640' to the North. Elev. 2664'.

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>	<u>*Singley West No. 1-29</u>	
			<u>DATUM</u>	<u>POSITION</u>
Heebner	4427'	-1818'	-1807'	-11'
Toronto	4452'	-1843'	-1837'	-6'
Lansing	4589'	-1980'	-1966'	-14'
Marmaton	5240'	-2631'	-2617'	-14'
Cherokee	5406'	-2797'	-2785'	-12'
Atoka	5692'	-3083'	-3072'	-11'
Morrow	5748'	-3139'	-3128'	-10'
Mississippi Chester	5877'	-3268'	-3259'	-10'
Ste Genevieve	6136'	-3527'	-3509'	-18'
St. Louis	6234'	-3625'		
TD	6404'	-3795'		

*O'Brien Energy Corp., Singley West No. 1-29, 1980'FNL & 2310'FWL, Sec. 29 – approximately 1650' to the NE. Elev. 2633'.

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

March 26, 2012

Joe Forma
O'Brien Energy Resources Corp.
18 CONGRESS ST, STE 207
PORTSMOUTH, NH 03801-4091

Re: ACO1
API 15-119-21306-00-00
Singley West 4-29
SW/4 Sec.29-33S-29W
Meade County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Joe Forma