



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1111616
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: _____



1111616

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 <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 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
<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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	O'Brien Energy Resources Corp.
Well Name	Singley West #5-29
Doc ID	1111616

Tops

Name	Top	Datum
Heebner	4434'	-1800'
Toronto	4473'	-1839'
Marmaton	5238'	-2604'
Atoka	5683'	-3049'
Morrow	5738'	-3104'
Mississippi Chester	5874'	-3240'
Ste Genevieve	6138'	-3504'
St. Louis	6206'	-3572'

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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 30, 2013

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

Re: ACO1
API 15-119-21328-00-00
Singley West #5-29
NW/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
Vice President
O'Brien Energy Resources Corp.

O'Brien Energy Resources, Inc.
Singley West No. 5-29, Singley Field
Section 29, T33S, R29W

Meade County, Kansas

November, 2012

Well Summary

The O'Brien Energy Resources, Corporation, Singley West No. 5-29 was drilled to a total depth of 6400' in the Mississippi St. Louis Formation without any problems. The Singley West No. 5-29 offset the Vale No. 3-30 by approximately 1200' to the East. Formation tops from the Heebner to the Morrow ran 2' to 11' high relative to this offset. The Morrow B Sandstone came in 16' high and the Mississippi Chester and St. Louis ran 21' high. The Singley West 5-29 offset the Singley West No. 3-29 by 1400' to the South. The Morrow ran 24' high relative to this offset. The Morrow B and C Sandstones ran 38' and 20' high. The Chester ran even and the St. Louis, 20' high. The Singley West 5-29 ran structurally high relative to the Singley West No. 2-29. The Morrow came in 24' high.

An excellent hydrocarbon show occurred in the Morrow "C" Sandstone(5808'-5815'): Light brown, speckled green, friable, fine upper to fine lower well sorted subround grains, siliceous cement, slightly calcareous, clean, slightly glauconitic, fair to excellent intergranular porosity, bright light yellow hydrocarbon fluorescence in all the sandstone, excellent streaming cut, live oil and gas bubbles when crushed, strong oil odor, excellent show. A 240 Unit gas kick was documented. Additional shows occurred to 5838' with the same general lithology type but much subtler in nature and with pale mottled blue fluorescence and weak milky cut, no stain or live oil.

Excellent log characteristic with gas crossover occurred in the Morrow B Sandstone from 5762' to 5770'. An increase of 75 Units was noted and sandstone was noted in samples but lack hydrocarbon show. This zone is likely depleted from existing wells in the area.

An excellent show occurred in the upper Chester(5874'-5882') and consists of a biohermal Limestone: Light to medium brown, microcrystalline, microscopic to sucrose in part, very brittle, clean, subchalky in part, very fossiliferous and oolitic and sandy in part with excellent interparticle porosity, vuggy porosity, mottled blue hydrocarbon fluorescence in 15% of the samples, fair streaming cut, mottled brown oil stain and trace live oil, good show, show dissipates when dried. A 320 Unit gas kick was recorded.

Additional shows occurred in the Chester and Atoka(attached mudlog).

4 1/2" production casing was run on the Singley West No. 5-26 on 11/28/12.

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. 5-29

Field: Singley

Location: 1960' FNL & 1080' FWL, Section 29, T33S, R29W, Meade County, Kansas – 15 miles SE of Meade.

Elevation: Ground Level 2622', Kelly Bushing 2634'

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

Company Man: Roger Pearson – Liberal, Kansas

Spud Date: 11/22/2012

Total Depth: 11/28/2012, Driller 6400', Logger 6400', Mississippi St. Louis

Casing Program: 35 joints of 8 5/8", J55, 24Lbs/ft, set at 1491'.

Mud Program: Winter Mud, Engineer Theran Hegwood, Justin Whiting, Chemical gel/LCM. Displaced at 2670'.

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

Samples: 30' to 5700, 20' to TD. One set dry cut saved with KGS sample log library.

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

Status: 4 1/2" production casing run on 1/29/12.

WELL CHRONOLOGY

<u>6 AM</u>	<u>DATE</u>	<u>DEPTH</u>	<u>FOOTAGE</u>	<u>RIG ACTIVITY</u>
	11/20-11/21			Move to location and rig up rotary tools.
	11/22	900'	900'	Rig up. Mix spud mud and spud in 12 ¼" surface hole(4:40 pm) and drill to 900' Jet suction.
	11/23	1495'	595'	Surveys(1 – 1 ½ deg.). To 1495' and circulate and condition mud. Trip out for surface casing and run and cement 8 5/8" set at 1491' – plug down 2:15 pm. Cement with 400 sacks A-com(3%cc, ¼# floseal) trailed with 150 sacks Class C(2% cc & #floseal), Run 1" to 250' topped off with 300 sacks Class C. Wait on cement and nipple up BOP.
	11/24	2670'	1175'	Finish nipple up BOP and pressure test blind and pipe rams to 600 psi. Trip in and drill plug and cement and new 7 7/8" hole to 2670' Jet suction and displace mud at 2670'.
	11/25	4200'	1530'	Work on rotary drive chain. To 4200'.
	11/26	5080'	880'	To 4875' and circulate and run wiper trip and circulate. To 5080'.
	11/27	6345'	1265'	
	11/28	6400'TD	55'	To TD and circulate and condition mud. Short trip 42 stands and circulate. Drop survey(1 deg.) and trip out for logs and run eLogs. Trip to bottom and circulate. Trip out laying down and run and cement 4 ½" production casing. 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	J2	RR	12 ¼"	1495'	1495'	22 ½
2	MI616	PDC	7 7/8"	6400'	4905'	84 1/2
Total Rotating Hours:						107
Average:						60 Ft/hr

DEVIATION RECORD – degree

993' 1, 1495' 1 ½, 6400' 1

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>
11/22	128'	9.1	33	2	5	9.5	nc	2000	4
11/23	1496'	9.3	30	4	6	8.5	nc	2700	4
11/24	1899'	8.4	27	1	3	8.0	nc	2300	0
11/25	3516'	9.2	38	7	13	8.5	20.0	7500	4
11/26	4825'	9.1	45	11	15	9.5	12.0	3800	8
11/27	5655'	9.1	44	12	15	10.0	7.2	2600	8
11/28	6400'TD	9.0	55	20	14	10.0	7.4	2200	8

ELECTRIC LOG FORMATION TOPS- KB Elev. 2634'

***Singley West No. 3-29**

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>	<u>DATUM</u>	<u>POSITION</u>
Heebner	4434'	-1800'	-1806'	+6'
Toronto	4473'	-1839'	-1842'	+3'
Lansing	4611'	-1977'	-1977'	0'
Marmaton	5238'	-2604'	-2612'	+8'
Cherokee	5403'	-2769'	-2773'	+4'
Atoka	5683'	-3049'	-3068'	+19'
Morrow	5738'	-3104'	-3128'	+24'
"B" SS	5762'	-3128'	-3166'	+38'
"C" SS	5808'	-3174'	-3194'	+20'
Mississippi Chester	5874'	-3240'	-3240'	0'
Ste Genevieve	6138'	-3504'	-3502'	-2'
St. Louis	6206'	-3572'	-3592'	+20'
TD	6400'	-3766'		

*O'Brien Energy Corp., Singley West No. 3-29, 820'FNL & 890'FWL, Sec. 29 – approximately 1200' to the North. K.B. Elev. 2636'.

BASIC™

ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer	O'Brien Energy		Lease No.	Date	
Lease	Singles West		Well #	5-29	Service Receipt
Casing	8 5/8	Depth	1492	County	Meade
Job Type	2-47	Formation	Legal Description		

Pipe Data		Perforating Data		Cement Data	
Casing size	8 5/8	Tubing Size	Shots/Ft		Lead
Depth	1408	Depth	From	To	Yield
Volume	89.55	Volume	From	To	400sks
Max Press	1600	Max Press	From	To	Density
Well Connection	8 5/8	Annulus Vol.	From	To	Tail in
Plug Depth		Packer Depth	From	To	150sks

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:00					On location
9:30					Log up
12:00					Safety Meeting
12:35	2000				Prime up Pressure Test
12:38	50		210	3.6	Start Lead Cement
1:31	150		36	3.6	Start Tail Cement
1:41					Shut Down Wash up
1:43					Drop Plug
1:45	200		12	3.5	Start Displacement
2:49	250		12		Caught Cement
2:08	250		75	2.0	Slow Rate Down
2:09	300		80	1.5	Slow Rate Down
2:12	700		89		Land Plug
2:13					Released Float held
4:50	150		69	1.0	Start Mix Cement fill up 275'
6:50	150			1.0	Shut Down Wash up
					Circulate Cement to Surface

Service Units	39478	3819	19842	3302 (3307)	19827	19566
Driver Names	Santano	Ever		Santiago	Ed B	

Roger Pearson Customer Representative
 Serriy Bennett Station Manager
 Juan Ortiz Cementer

