



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1158832
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: _____



1158832

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	Colton 1-33
Doc ID	1158832

Tops

Name	Top	Datum
Heebner	4428'	-1715
Toronto	4441'	-1728
Lansing	4580'	-1867
Marmaton	5238'	-2525
Cherokee	5441'	-2728
Atoka	5643'	-2930
Morrow	5757'	-3044
Chester	5850'	-3137
Ste. Genevieve	6128'	-3415
St. Louis	6249'	-3536

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

September 27, 2013

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

Re: ACO1
API 15-119-21345-00-00
Colton 1-33
SE/4 Sec.33-33S-30W
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,

Joseph Forma
Vice President
O'Brien Energy Resources Corp.



BASICSM
 ENERGY SERVICES
 Liberal, Kansas

Cement Report

Customer	O'Brien Energy	Lease No.		Date	7-30-13
Lease	Colton	Well #	1-33	Service Receipt	
Casing		Depth		County	Meade
				State	KS
Job Type	F40	Formation		Legal Description	33 33 30

Pipe Data			Perforating Data		Cement Data
Casing size	8 5/8 24#	Tubing Size	Shots/Ft		Lead 400 SKS @ 11.4 PPG 3% CC, 1/4# Polyflake 2% WCA-1
Depth	1500'	Depth	From	To	
Volume	92.7 bbl	Volume	From	To	A-Con-Blend
Max Press		Max Press	From	To	Tail in 150 SKS @ 11.8 PPG
Well Connection		Annulus Vol.	From	To	2% CC, 1/4# Polyflake
Plug Depth	1458'	Packer Depth	From	To	Premium Plus Cement

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1830					On Location
2000					Safety Meeting
2020	2500				Pressure Test
2022	100		210	5	Pump 400 SKS @ 11.4 PPG
2056	100		35	5	Pump 150 SKS @ 14.8 PPG
2111					Drop Plug
2114	0			5	Start Displacement
2126	300		72	2	Slow Rate
2132	300		82	1	slow Rate
2138	900		92	1	Bump Plug
2140	0				Release Pressure - float Held

Service Units	78940	3875019842	3302114284	30463 37547	
Driver Names	Ruben	Carlos	Santiago	Daniel	



Cement Report

Customer	Obrien Energy	Lease No.		Date	8-6-13
Lease	Colton	Well #	1-33	Service Receipt	
Casing		Depth		County	Meade
				State	KS
Job Type		Formation		Legal Description	33 33 30

Pipe Data		Perforating Data		Cement Data
Casing size	4 1/2 #10.5	Tubing Size		Lead 175 SKS @ 14.8 PPG 5% Wt. 100 Salt, br. C-15, 1/4# Defoamer, 5# Gilsontite AA2 Cement Tail in
Depth	6372'	Depth		
Volume	100.6 bbls	Volume		
Max Press		Max Press		
Well Connection		Annulus Vol.		
Plug Depth	6330'	Packer Depth		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0300					On location Rig up
0800					Safety Meeting
0815	2500				Pressure Test
0817	100		5	5	Pump Spacer Ahead
0821	100		10	5	Pump Super Flush
0827	100		5	5	Pump Spacer behind
0830	100		47	5	Pump 175 SKS @ 14.8 PPG
0841					Drop Plug
0845	100			5	Start Displacement
0852	250		76	5	Catch Cement
0859	550		80	2	slow Rate
0907	1300		100	2	Bump Plug
	0				Release Pressure - float Held
					Plug Mouse Hole and Rat Hole
					20 SKS 30 SKS
					60/40 60/40
					Roz Roz

Service Units	78440	3875019842	3811919564		
Driver Names	Ruben M	Carlos I	Santiago C		

Roger Pearson Customer Representative
 Jerry Bennett Station Manager
 Ruben Martinez Cementer

O'Brien Energy Resources, Inc.
Colton No. 1-33
Section 33, T33S, R30W
Meade County, Kansas
August, 2013

Well Summary

The Colton No. 1-33 was drilled to a total depth of 6400' in the St. Louis without any problems. It offset the Marlin Oil Corp., Fox No. 1 by 237' to the SE. Formation top from the Heebner to the Lansing came in low relative to this offset. The Marmaton to the Atoka came in 2' to 3' low. The Morrow ran 1' high and the Morrow "C" Sandstone, 4' high. No Morrow "B" SS development occurred.

An excellent show occurred in the Morrow "C" Sandstone (5810'-5824') and consists of a Sandstone in 40% of the samples: Salt and pepper, speckled green, very friable in part, fine lower, well sorted subround grains, occasionally medium lower to very fine upper and moderately sorted, calcite cement, clean very glauconitic, fossiliferous and very calcareous in part, excellent intergranular and fine vuggy porosity, light pale blue hydrocarbon fluorescence (most all SS), slow streaming cut, and with excellent bright light yellow hydrocarbon fluorescence in 5% of the samples, excellent fast streaming cut, good light brown oil stain and traces of live oil and gas bubbles when crushed, excellent show. The light blue gas fluorescence dissipates when dried. A 320 Unit gas kick was documented.

4 ½" production casing was run on the Colton No. 1-33 for the above mentioned show.

An additional characteristic live oil show occurred in the Lower Chester(6074'-6120') and noted with an associated gas increase(attached mudlog).

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, Dave Ward

Well: Colton No. 1-33, Novinger Field

API No.: 15-119-21345

Location: 1887' FSL & 1887' FEL, Section 33, T33S, R30W, Meade County, Kansas – South of Plains.

Elevation: Ground Level 2701', Kelly Bushing 2713'

Contractor: Duke Drilling Rig No. 6, Type: Double jackknife, triple stand, Toolpusher Jose Gonzalez, Drillers: Danny White, Saul Garcia, Darryl LaRoche

Company Man: Roger Pearson – Liberal, Kansas

Spud Date: 7/29/13

Total Depth: 8/5/2013, Driller 6400', Logger 6398', St. Louis Fm.

Casing Program: 35 joints of 8 5/8", J55, 24Lbs/ft, set at 1500'.

Mud Program: Mud Co./Service Mud Inc., Engineer Justin Whiting, mud up 2600'.

Wellsite Consultant: Peter Debenham with mudlogging trailer, Call depth 3000', Box 350, Drake, CO 80515, 720/220-4860.

Samples: 30' to 4700', 20' to TD.

Electric Logs: Weatherford, engineer Adam Sill, 1)Array Induction, 2)Photo Density/Neurton, 3) Microlog – High Res. repeat section.

Status: 4 1/2" production casing to TD on 7/25/2013.

WELL CHRONOLOGY

<u>DATE</u>	<u>DEPTH</u>	<u>FOOTAGE</u>	<u>RIG ACTIVITY</u>
7/29	350'	350'	Move to location and rig up rotary tools. Drill mouse hole and rat hole. Mix spud mud and spud in 12 1/4" surface hole to 350'
7/30	1500'	1150'	Service rig and hold safety meeting. Pick up drill collars. Surveys(1/4 deg.). To 1500' and circulate. Drop survey(1/2 deg.) and trip out and rig up and run and cement 35 joints of 8 5/8" surface casing set at 1500'. Cement with 400 sacks A-Con blend(3% cc) and 150 sacks Class C(2% cc). Cement did circulate. Plug down 9:45 PM.
7/31	2685'	1185'	Wait on cement and pick up drill collars. Back off and nipple up BOP and test blind rams(300-1000 psi). Trip in with bit and test pipe rams(300-1000 psi). Drill plug and cement and 7 7/8" hole to 1800' and trip to show and change No. 2 clutch and air governor. Trip in and drill to 2685'. Function test BOP and run fire drill. Clean suction and displace hole at 2619'. Service rig.
8/1	4220'	1535'	Survey(1/2 deg.) and service rig and safety meeting. Survey(1/2 deg.).
8/2	4998'	778'	Clean suction and service rig. Run 27 stand wiper trip.
8/3	5500'	502'	Wiper trip and drill to 5500' and circulate. Drop survey(1 1/2 deg.) and trip for Bit No. 3.
8/4	6325'	825'	Bit trip. Safety meeting and service mud pump. To 6325'.
8/5	6400'	75'	To 6400'TD and circulate. Wiper trip 42 stands and circulate and condition mud. Trip out for logs and run Elogs. Trip in and circulated and trip out laying down. Run and cement 4 1/2" production casing to TD and 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	HA-1PGC	12 1/4"	1500'	1500'	20 3/4
2	Milelle	Mi616	7 7/8"	5500'	4000'	71
3	Milelle	Mi616	7 7/8"	6400'	900'	24
Total Rotating Hours:						115 3/4
Average:						55.29 ft/hr

DEVIATION RECORD - degree

495' 1/4, 1023' 1/4, 1500' 1/2, 2994' 1/2, 4746' 1/2, 5500' 1 1/2, 6400'TD 3/4

MUD PROPERTIES

<u>DATE</u>	<u>DEPTH</u>	<u>WT</u>	<u>VIS</u>	<u>PV</u>	<u>YP</u>	<u>WL</u>	<u>pH</u>	<u>CL</u>	<u>LCM-LBS/BBL</u>
7/29	0'	Make up water							
7/30									
7/31	1799'	9.0	29	2	2	n/c	7.0	60.8K	0
8/1	3613'	9.35	38	10	12	n/c	8.0	10.5K	2
8/2	4791'	9.2	46	14	15	10.0	9.0	5.1K	2
8/3	5344'	9.2	47	14	15	8.8	10.5	4.1K	3
8/4	5900'	9.15	52	17	20	8.4	9.5	2.1K	3

ELECTRIC LOG FORMATION TOPS- KB Elev. 2603'

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>	<u>*Fox No. 1 DATUM</u>	<u>POSITION</u>
Surface casing	1499'			
Heebner	4428'	-1715'	-1723'	+8'
Toronto	4441'	-1728'	-1744'	+16'
Lansing	4580'	-1867'	-1875'	+8'
Marmaton	5238'	-2525'	-2533'	-2'
Cherokee	5441'	-2728'	-2725'	-3'
Atoka	5643'	-2930'	-2927'	-3'
Morrow	5757'	-3044'	-3045'	+1'
Morrow "B" SS	--	--	-3068'	
Morrow "C" SS	5810'	-3097'	-3101'	+4'
Mississippi Chester	5850'	-3137'	-3138'	+1'
Ste. Genevieve	6128'	-3415'	-3417'	+2'
St. Louis	6249'	-3536'	-3547'	+11'
TD	6400'	-3687'		

*Marlin Oil Corp., Fox No. 1, 1650'FSL & 1650'FEL, sec. 33 – 237' to the NW. K.B. Elev. 2699'.