



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1166461
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: _____



1166461

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> _____ <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	Rickers Ranch 8-17
Doc ID	1166461

Tops

Name	Top	Datum
Heebner	4450	-1775
Toronto	4471'	-1796'
Lansing	4600'	-1925'
Marmaton	5240'	-2565'
Cherokee	5428'	-2753'
Atoka	5688'	-3013'
Morrow	5730'	-3055'
Mississippi Chester	5854'	-3179'
Ste. Genevieve	6116'	-3441'
St. Louis	6188'	-3513'

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

November 01, 2013

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

Re: ACO1
API 15-119-21349-00-00
Rickers Ranch 8-17
SE/4 Sec.17-33S-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,

Joseph Forma
Vice President
O'Brien Energy Resources Corp.

O'Brien Energy Resources, Inc.

Rickers Ranch No. 8-17

Section 17, T33S, R29W

Meade County, Kansas

September, 2013

Well Summary

The O'Brien Energy Resources, Corporation, Rickers Ranch No. 8-17 was drilled to a total depth of 6215' in the St. Louis without any problems. The Rickers Ranch Offset No. 5-20 was drilled 2700' to the South. The Heebner, Toronto and Lansing ran essentially even with this offset. Structure was gained and the Marmaton came in 19' high. The Cherokee, Atoka and Morrow came in 13' high and the Chester, 17' high.

Excellent hydrocarbon shows occurred in the Morrow. A two foot "A" Sandstone(5756'-5758') consists of a Sandstone in 5% of the samples: Salt and pepper, speckled green, light brown, friable, fine lower well sorted subround grains, siliceous cement, clean, very glauconitic, good intgranular porosity, bright light yellow hydrocarbon fluorescence, excellent streaming cut, light brown matrix oil stain, light bleeding live oil and gas bubbles when crushed, slight oil odor. A 140 Unit gas increase occurred on the hotwire.

The "B" Sandstone(5774'-5786') contained Sandstone in 25% of the samples: Light brown, salt and pepper, friable, fine lower well sorted subround grains, siliceous cement, clean to argillaceous, glauconitic, slightly arkosic, good to excellent intgranular porosity, mottled pale bluegreen hydrocarbon fluorescence in most the sandstone, trace light brown matrix oil stain and live oil, slow bleeding to weak streaming cut. A 220 Unit gas increase was documented.

A "C" Sandstone was documented from 5824' to 5840' and associated with a 240 Unit gas increase. Sandstone(10% spl): light brown, friable, medium lower to fine lower, well to moderately sorted subround grains, siliceous cement, slightly calcareous, clean, good intergranular porosity, bright yellow hydrocarbon fluorescence in most the sandstone, excellent streaming cut, light brown matrix oil stain, trace live oil and gas bubbles when crushed, slight odor, excellent show.

The characteristic lower Chester hydrocarbon show occurred from 6064' to 6076' and associated with a 300 Unit gas kick(attached mudlog).

4 ½" production casing was run on the Rickers Ranch No. 8-17 to evaluate 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

Well: Rickers Ranch No. 8-17

Location: 1980' FSL & 1780' FEL, Section 17, T33S, R29W, Meade County, Kansas – Southeast of Plains.

Elevation: Ground Level 2663', Kelly Bushing 2675'

Contractor: Duke Drilling Rig No. 6, Type: Double jackknife, triple stand, Toolpusher Danny White, Drillers: Richard Tafoya, Saul Garcia, Darryl LaRache

Company Man: Roger Pearson – Liberal, Kansas

Spud Date: 9/07/13

Total Depth: 9/13/09, Driller 6315', Logger 6315', Mississippi St. Louis

Casing Program: 38 joints of 8 5/8", J55, 24Lbs/ft, set at 1490'. 4 1/2" production casing to TD.

Mud Program: Mud Co./Service Mud Inc., Engineer Justin Whiting, displaced 2500'.

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. Zones of interest saved and one set dry cut sent to KGS Sample Log Library, Wichita.

Electric Logs: Weatherford, Engineer Rob Hoffman, 1)Dual Induction 2) Compensated Neutron Density 3) Microlog & high res. repeat.

Status: 4 1/2 " production casing to TD on 9/14/13.

WELL CHRONOLOGY

<u>6 AM</u>	<u>DATE</u>	<u>DEPTH</u>	<u>FOOTAGE</u>	<u>RIG ACTIVITY</u>
	9/6			Move to location and rig up rotary tools. Dig ditches.
	9/7	1491'	1491'	Rig up. Mix spud mud and drill rathole and mousehole. Spud in 12 1/4" surface hole and drill to 1491' and circulate.
	9/8	2180'	689'	Drop survey(1 deg.) and run and cement 36 joints of 8 5/8" surface casing set at 1490' with 400 sacks A-Con Blend(3%cc, 1/4 lbs floeal, 2% WCA-1) and 150 sacks Prem Plus – 2% cc & 1/4 Lbs PF) – did circulate. Plug down 10:45 PM. Nipple up and pressure test BOP. Service rig. Drill plug and cement and new 7 7/8" hole to 2180'. Survey(1 deg.).
	9/9	3135'	955'	Displace mud system at 2500'. Service and survey(1 deg.).
	9/10	4720'	1585'	Survey(1 deg.) and service rig and clean suction.
	9/11	5380'	660'	To 5000' and circulate and wiper trip to 2500' and drill to 5380'.
	9/12	6130'	750'	Lost circulation at 5450' – 60 bbls.
	9/13	6315'TD	185'	To 6315'TD and circulate and condition mud. Wiper trip and circulate. Drop survey(1 deg.) and trip out for logs.
	9/14	TD		Run Elogs and wait on orders. Trip in 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	JZ	12 1/4"	1491'	1491'	24 1/4
2	Logic	PLT51653	7 7/8"	5315'	3824'	116
Total Rotating Hours:						140 1/4
Average:						45 Ft/hr

DEVIATION RECORD - degree

495' 1/4, 960' 1/4, 1491' 3/4, 2493' 1, 4028' 1, TD 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>
9/5	0'	make up water							
9/7	1206'	9.4	34	3	4	7.0	n/c	1700	5
9/8	1728'	9.1	28	1	2	7.0	n/c	70K	0
9/9	2774'	8.9	33	3	4	7.0	n/c	17.8K	2
9/10	4218'	9.2	66	20	25	10.2	11.2	6.8K	3
9/11	5023'	9.1	52	17	21	9.5	8.8	5.4K	8
9/12	5751'	9.1	63	20	24	10.0	8.8	2.4K	8
9/13	6296'	9.2	53	16	18	9.5	8.8	3.6K	6

ELECTRIC LOG FORMATION TOPS- KB Elev. 2675'

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>	*Rickers Ranch No. 5-20	
			<u>DATUM</u>	<u>POSITION</u>
Heebner	4450'	-1775'	-1774'	-1'
Toronto	4471'	-1796'	-1798'	+2'
Lansing	4600'	-1925'	-1922'	-3'
Marmaton	5240'	-2565'	-2584'	+19'
Cherokee	5428'	-2753'	-2765'	+12'
Atoka	5688'	-3013'	-3025'	+12'
Morrow	5730'	-3055'	-3068'	+13'
"A" SS		-3081'		
"B"	5774'	-3099'		
"C"	5824'	-3149'		
Mississippi Chester	5854'	-3179'	-3196'	+17'
Ste. Genevieve	6116'	-3441'		
St. Louis	6188'	-3513'		
TD	6315'			

*Rickers Ranch Offset No. 5-20, 660' FNL & 1500' FWL, Section 20, KB 2692' – app. 2700' to the South.