KANSAS CORPORATION COMMISSION 1068280
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32211
Name: O'Brien Energy Resources Corp.
Address 1: 18 CONGRESS ST, STE 207
Address 2:
City: PORTSMOUTH State: NH Zip: 03801 + 4091
Contact Person: Joe Forma
Phone: (603) 427-2099
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Peter Debenham
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
☐ Conv. to GSW
☐ Plug Back: Plug Back Total Depth
☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

7/19/2011	7/26/2011	8/26/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-119-21294-00-00
Spot Description:
E2 - SE - SW Sec. 20 Twp. 33 S. R. 29 ☐ East ☑ West
660 Feet from ☐ North / ☑ South Line of Section
2310 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
County: Meade
Lease Name: Shinogle Well #: 1-20
Field Name: Singley
Producing Formation: Morrow
Elevation: Ground: 2668 Kelly Bushing: 2675
Total Depth: 6375 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1519 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: 2200 ppm Fluid volume: 500 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:
Operator Name: DILLCO FLUID SERVICE, INC.
Lease Name: SNEED License #: 6652
Quarter NW Sec. 14 Twp. 34 S. R. 30 ☐ East ☑ West
County: Meade Permit #: D27876

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

☑ Letter of Confidentiality Received
Date: 11/18/2011
☐ Confidential Release Date:
☑ Wireline Log Received
☑ Geologist Report Received
☐ UIC Distribution
ALT ☑ I ☐ II ☐ III Approved by: Deanna Garrison Date: 11/21/2011

Side Two

1068280

Operator Name: O'Brien Energy Resources Corp. Lease Name: Shinogle Well #: 1-20

Sec. 20 Twp. 33 S. R. 29 ☐ East ☑ West County: Meade

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

ARRAY INDUCTION
NEUTRON/DENSITY
MICROLOG

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name Attached | Top Attached | Datum Attached

CASING RECORD ☑ New ☐ 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
SURFACE	12.25	8.6250	24	1519	A-CONN, CLASS C	550	3%CaCl,.25#floseal
PRODUCTION	7.8750	4.5	10.5	6334	AA2	220	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
	-			
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
2	5862-5876	acidize w/1000 gal NEFE 7.5% HCl	PERFS
2	5849-5852	frac w/30000# 20/40 sand	PERFS

TUBING RECORD: Size: 2 3/8 Set At: 5785 Packer At: 5780 Liner Run: ☑ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 8/26/2011

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: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	O'Brien Energy Resources Corp.
Well Name	Shinogle 1-20
Doc ID	1068280

Tops

Name	Top	Datum
Heebner	4444'	-1769'
Toronto	4482'	-1807'
Lansing	4620'	-1945'
Marmaton	5284'	-2609'
Cherokee	5444'	-2769'
Atoka	5732'	-3057'
Morrow	5786'	-3111'
Mississippi Chester	5930'	-3255'
Ste Genevieve	6180'	-3505'
St. Louis	6272'	-3597'

O'Brien Energy Resources, Inc.

Shinogle No. 1-20, Singley Field
Section 20, T33S, R29W
Meade County, Kansas
July, 2011

Well Summary

The O'Brien Energy Resources, Corporation, Shinogle No. 1-20 was drilled to a total depth of 6375' in the Mississippi St. Louis Formation without any problems and in a total of 119 rotating hours. It offset the Singley West No. 2-29 by 1320' to the North. Formation tops from the Heebner to the Atoka ran 8' to 25' high relative to this offset. The Morrow ran 5' high and the Chester and Ste. Genevieve 5' and 8' low.

An excellent oil show occurred in the Morrow "B" Sandstone(5848'-5877') and consists of a Sandstone in 40% of the samples: Light to medium brown, salt and pepper, occasionally speckled green to light gray, friable, fine lower to very fine upper, well sorted subround grains, siliceous cement, calcareous, glauconitic in part, clean, good intergranular and occasional vuggy porosity, bright yellow to light blue hydrocarbon fluorescence(100% SS), excellent streaming cut, light brown matrix oil stain and traces light live oil and gas bubbles when crushed, slight oil odor. A 140 Unit gas increase was documented.

An additional Upper Morrow Sandstone(5820'-5830') gas show was documented along with a 55 Unit gas increase.

4 ½" production casing was run on the Shinogle No. 1-20 on 7/27/11.

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:	Shinogle No. 1-20, Singley Field
API No.:	15-119-21294
Field:	Singley
Location:	660' FSL & 2310' FWL, Section 20, T33S, R29W, Meade County, Kansas – 15 miles SE of Meade.
Elevation:	Ground Level 2663', Kelly Bushing 2675'
Contractor:	Duke Drilling Rig No. 6, Type: Double jacknife, triple stand, Toolpusher Rick Schollenbarger, Drillers: Terry Sorter, DannyWhite, Mike Brewer
Company Man:	Roger Pearson – Liberal, Kansas
Spud Date:	7/19/2011
Total Depth:	7/26/2011, Driller 6375', Logger 6373', Mississippi St. Louis
Casing Program:	35 joints of 8 5/8", J55, 24Lbs/ft, set at 1534'. 4 ½" production casing to TD.
Mud Program:	Winter Mud, engineer Adam Norris, Chemical gel/LCM. Displaced for the Lansing.
Wellsite Consultant:	Peter Debenham with mudlogging trailer, Call depth 4400', Box 350, Drake, CO 80515, 720/220-4860.
Samples:	20' to TD. One set dry cut sent to KGS Sample Log Library.
Electric Logs:	Weatherford, engineer Lynn Scott, 1) Array Induction, 2) Neutron/Density, 3) Microlog and high Res. across the Morrow.
Status:	4 1/2 " production casing to TD on 7/27/2011.

WELL CHRONOLOGY

DATE	6 AM DEPTH	FOOTAGE	RIG ACTIVITY
7/19	103'	103'	Move to location and rig up rotary tools. Pump water and mix spud mud. Spud in 12 ¼" surface hole to 103'.
7/20	1370'	1267'	Work on sump and mud pumps. Surveys(1/4 – ½ deg.). To 1370'.
7/21	1534'	164'	Survey(1/4 deg.). To 1534' and circulate. Drop survey(1/2 deg.). Trip out and run and cement 35 joints of 8 5/8", J-55 surface casing set at 1534 with 450 sacks cement. Plug down 9:30 pm. Wait on cement. Pick up 1" and cement 200' down the backside. Service rig and repair cathead. Wait on cement. Back off landing joint, install wellhead and nipple up and pressure test BOP blind rams. Trip in and test pipe rams. Drill plug and cement and 7 7/8" to 1534'.
7/22	2880'	1346'	Drill cement and new hole to 1814' and trip for Bit No. 3. To 2880'. Survey(1/2 deg.). Clean suction and service rig.
7/23	4290'	1410'	Drilling.
7/24	5004'	714'	To 4724' and stuck pipe. Wait on nitrogen and pump N2 and pull free. To 5004' and circulate and run 26 stand wiper trip.
7/25	5955'	951'	Trip in and service rig and survey(1/2 deg.). To 5890' and circulate for samples. To 5955'.
7/26	6375'TD	420'	Dump and clean tanks. To 6375'TD and circulate. Wiper trip to 2500' and circulate. Trip out for logs and run elogs.
7/27	TD		Run logs. Trip to bottom and circulate. Trip out laying down and run and cement 4 ½" production casing to TD. Rig down.

BIT RECORD

NO.	MAKE	TYPE	SIZE	OUT	FOOTAGE	HOURS
1	--	MXC1	12 ¼"	1534'	1534'	27 ¾
2	STC-RR	F27I	7 7/8"	1834'	280'	4 ½"
3	HTC	Q506F	7 7/8"	6375'	4561'	87
				Total Rotating Hours:		119 1/4
				Average:		53.5 Ft/hr

DEVIATION RECORD – degree

508' ¼, 1032' ½, 1534' ¼, 2034' ½, 5475' ½, 6375' ½

MUD PROPERTIES

DATE	DEPTH	WT	VIS	PV	YP	pH	WL	CL	LCM-LBS/BBL
7/20	803'	9.3	38	10	20	7.0	n/c	3800	8
7/21	1534'	8.3							
7/22	2239'	9.2	31	4	10	8.0	n/c	76K	tr
7/23	3696'	9.0	46	8	18	10.5	24	1000	4
7/24	4724'	8.8	39	11	6	8.0	12.0	6.5K	4
7/25	5605'	9.1	57	16	10	12.0	8	6.5K	4
7/26	6288'	9.2	56	24	16	11.0	7.2	4.5K	4

ELECTRIC LOG FORMATION TOPS- KB Elev. 2675'

			*Singley West No. 2-29	
FORMATION	DEPTH	DATUM	DATUM	POSITION
Heebner	4444'	-1769'	-1794'	+25'
Toronto	4482'	-1807'	-1824'	+17'
Lansing	4620'	-1945'	-1961'	+16'
Marmaton	5284'	-2609'	-2619'	+10'
Cherokee	5444'	-2769'	-2777'	+8
Atoka	5732'	-3057'	-3070'	+13'
Morrow	5786'	-3111'	-3116'	+5'
Mississippi Chester	5930'	-3255'	-3250'	-5'
Ste Genevieve	6180'	-3505'	-3497'	-8'
St. Louis	6272'	-3597'		
TD	6375'			

*O'Brien Energy Corp., Singley West No. 2-29, 660'FNL & 1980'FWL, Sec. 29 – approximately 1320' to the S., K.B. Elev. 2664'.

BASIC ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer		Lease No.		Date
Lease		Well #		Service Receipt
Casing	Depth	County		State
Job Type	Formation		Legal Description	

Pipe Data		Perforating Data		Cement Data
Casing size	Tubing Size	Shots/Ft		Lead
Depth	Depth	From	To	
Volume	Volume	From	To	
Max Press	Max Press	From	To	Tail in
Well Connection	Annulus Vol.	From	To	
Plug Depth	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log

Service Units						
Driver Names						

Customer Representative

Station Manager

Cementer

Taylor Printing, Inc.

BASIC ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer		Lease No.	Date
Lease		Well #	Service Receipt
Casing	Depth	County	State
Job Type	Formation	Legal Description	

Pipe Data		Perforating Data		Cement Data
Casing size	Tubing Size	Shots/Ft		Lead
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Well Connection	Annulus Vol.	From	To	
Plug Depth	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log

Service Units						
Driver Names						

Customer Representative

Station Manager

Cementer

Taylor Printing, Inc.

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

Kansas
Corporation Commission

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

November 21, 2011

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

Re: ACO-1
API 15-119-21294-00-00
Shinogle 1-20
SW/4 Sec.20-33S-29W
Meade County, Kansas

Dear Joe Forma:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 7/19/2011 and the ACO-1 was received on November 18, 2011 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department

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

Kansas
Corporation Commission

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

November 18, 2011

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

Re: ACO1
API 15-119-21294-00-00
Shinogle 1-20
SW/4 Sec.20-33S-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