

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1068280

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 #	API No. 15
Name:	_ Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Fast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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:
If Workover/Re-entry: Old Well Info as follows:	
Operator:	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 TwpS. R East
Spud Date or Date Reached TD Completion Date or Recompletion Date	-

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:					
Wireline Log Received					
Geologist Report Received					
UIC Distribution					
ALT I II III Approved by: Date:					

	Side Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

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 (Attach Additional She	eets)	Yes]No		g Formation	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	jical Survey	Yes	No	Name	9		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ ☐ Yes ☐ ☐ Yes ☐] No] No] No					
List All E. Logs Run:								
		C Report all stri	CASING RE	ECORD Ne	w Used	on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.	g .)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

Shots Per Foot		PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					Acid, Fracture, Shot, Co (Amount and Kind	ement Squeeze Record d of Material Used)	Depth	
TUBING RECORD:	Si	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed Production, SWD or ENH			<i>ξ.</i>	Producing N	/lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:			METHOD OF COMPLE			TION:		PRODUCTION INTER	RVAL:	
Vented Sold Used on Lease		Used on Lease		Open Hole Perf. Dually C (Submit AC			Comp. 4CO-5)	Commingled (Submit ACO-4)		
(If vented, Submit ACO-18.)				Other (Specify)						

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

Tops

Name	Тор	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'

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

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

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.

 $4\frac{1}{2}$ " 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 ¹ / ₂ " 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 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 $\frac{1}{4}$ " surface hole to 103'.

7/20 1370' 1267' Work on sump and mud pumps. $Surveys(1/4 - \frac{1}{2} \text{ deg.})$. 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'.

7/222880'1346'Drill cement and new hole to 1814' and trip for Bit No. 3. To2880'. Survey(1/2 deg.). Clean suction and service rig.

7/23 4290' 1410' Drilling.

6 AM

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.

7/255955'951'Trip in and service rig and survey(1/2 deg.). To 5890' andcirculate 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.

7/27TDRun logs. Trip to bottom and circulate. Trip out laying down andrun and cement 4 ½" production casing to TD. Rig down.

BIT RECORD

<u>NO.</u>	MAKE	TYPE	<u>SIZE</u>	<u>OUT</u>	FOOTAGE	HOURS
1		MXC1	12 ¼"	1534'	1534'	27 ³ ⁄ ₄
2	STC-RR	F27I	7 7/8"	1834'	280'	4 ¹ ⁄ ₂ "
3	HTC	Q506F	7 7/8"	6375'	4561'	87

Total Rotating Hours:119 1/4Average:53.5 Ft/hr

DEVIATION RECORD – degree

508' 1/4, 1032' 1/2, 1534' 1/4, 2034' 1/2, 5475' 1/2, 6375' 1/2

MUD PROPERTIES

DATE	DEPTH	<u>WT</u>	<u>VIS</u>	<u>PV</u>	<u>YP</u>	<u>рН</u>	<u>WL</u>	<u>CL</u>	<u>LCM-</u> 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'

			<u>*Singley W</u>	<u>*Singley West No. 2-29</u>			
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'.

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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

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