

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32211

Name: O'BRIEN ENERGY RESOURCES CORP.

Address 1: 18 CONGRESS STREET, STE. 207

Address 2: _____

City: PORTSMOUTH State: NH Zip: 03801 + _____

Contact Person: JOSEPH FORMA

Phone: (603) 427-2099

CONTRACTOR: License # 5929

Name: DUKE DRILLING CO., INC.

Wellsite Geologist: PETER DEBENHAM

Purchaser: DCP MIDSTREAM, NCRA

Designate Type of Completion:

- New Well _____ Re-Entry _____ Workover
 - _____ Oil _____ SWD _____ SIOW
 - Gas _____ ENHR _____ SIGW
 - _____ CM (Coal Bed Methane) _____ Temp. Abd.
 - _____ Dry _____ Other _____
- (Core, WSW, Expl., Cathodic, 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: _____ Plug Back Total Depth

_____ Commingled Docket No.: _____

_____ Dual Completion Docket No.: _____

_____ Other (SWD or Enhr.?) Docket No.: _____

2/04/2010 2/12/2010

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - 119-21250-00-00

Spot Description: _____

_____ - N2 - NE Sec. 20 Twp. 33 S. R. 29 East West

660' Feet from North / South Line of Section

1320' Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: MEADE

Lease Name: RICKERS RANCH INFILL Well #: 4-20

Field Name: UNNAMED

Producing Formation: MORROW

Elevation: Ground: 2668' Kelly Bushing: 2680'

Total Depth: 6243' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 1574' 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 AH I NR 3-29-10
(Data must be collected from the Reserve Pit)

Chloride content: 6000 ppm Fluid volume: 1500 bbls

Dewatering method used: HAUL FREE WATER. NATURAL EVAP. W/36 INCH MINIMUM

Location of fluid disposal if hauled offsite:

Operator Name: DILLCO FLUID SERVICE, INC.

Lease Name: I B REGIER License No.: 6652

Quarter SWNE Sec. 17 Twp. 33 S. R. 27 East West

County: MEADE Docket No.: D21232

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: _____

Title: VICE PRESIDENT Date: 3/22/2010

Subscribed and sworn to before me this 22nd day of March

20 10
Notary Public: _____

Date Commission Expires: _____
MARK EDDINGER
Notary Public - New Hampshire
My Commission Expires June 17, 2014

KCC Office Use ONLY

N Letter of Confidentiality Received

If Denied, Yes Date: _____

Wireline Log Received

_____ Geologist Report Received

_____ UIC Distribution

RECEIVED

MAR 24 2010

KCC WICHITA

Operator Name: O'BRIEN ENERGY RESOURCES CORP. Lease Name: RICKERS RANCH INFILL Well #: 4-20
 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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: ARRAY INDUCTION, COMPENSATED NEUTRON/ DENSITY, MICROLOG	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>HEEBNER</td> <td>4450'</td> <td>-1770'</td> </tr> <tr> <td>LANSING</td> <td>4600'</td> <td>-1920'</td> </tr> <tr> <td>MARMATON</td> <td>5260'</td> <td>-2580'</td> </tr> <tr> <td>MORROW "A" SS</td> <td>5790'</td> <td>-3110'</td> </tr> <tr> <td>MORROW "B" SS</td> <td>5800'</td> <td>-3120'</td> </tr> <tr> <td>MISSISSIPPI CHESTER</td> <td>5897'</td> <td>-3217'</td> </tr> <tr> <td>STE GENEVIEVE</td> <td>6156'</td> <td>-3476'</td> </tr> </table>	Name	Top	Datum	HEEBNER	4450'	-1770'	LANSING	4600'	-1920'	MARMATON	5260'	-2580'	MORROW "A" SS	5790'	-3110'	MORROW "B" SS	5800'	-3120'	MISSISSIPPI CHESTER	5897'	-3217'	STE GENEVIEVE	6156'	-3476'
Name	Top	Datum																							
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MORROW "B" SS	5800'	-3120'																							
MISSISSIPPI CHESTER	5897'	-3217'																							
STE GENEVIEVE	6156'	-3476'																							

CASING RECORD <input checked="" 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
SURFACE	12 1/2	8 5/8 J55	24#/FT.	1574'	A-CON/PREMIUM	365/150	a-con w/3% CaCl
PRODUCTION	7 7/8	4 1/2 J55	60#/FT.	6235'	AA2/PREMIUM	160/50	a-con W/3% 30-PREM.

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				

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	6094'-6100', set 41/2" CIBP @ 6050'		
2	5790'-5822'	Acidized w/ 2000 gal NE FE 7.5% HCL w/90 ball sealers	

TUBING RECORD: Size: <u>5730'</u> Set At: <u>5730'</u> Packer At: <u>5736'</u>		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>3/18/2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbbs. <u>0</u>	Gas Mcf <u>200 MCF</u> Water Bbbs. <u>0</u> Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>5790'-5822'</u> <div style="text-align: center; font-weight: bold; font-size: 1.2em;">RECEIVED</div>
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MAR 24 2010

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pd
24635
2/11/2010

PAGE	CUST NO	INVOICE DATE
1 of 1	1002969	02/08/2010
INVOICE NUMBER		
1717 - 90239746		

Liberal (620) 624-2277
 B O'BRIEN ENERGY RESOURCES
 I 18 CONGRESS ST SUITE 207
 L PORTSMOUTH
 L NH US 03801
 T
 O **ATTN:**

J LEASE NAME Rickers Ranch Infill #4-20
O LOCATION
B COUNTY Meade
S STATE KS
I JOB DESCRIPTION Cement-New Well Casing/Pi
T JOB CONTACT
E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE
40147763	27462			Net - 30 days	03/10/2010
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 02/05/2010 to 02/05/2010</i>					
0040147763					
171700246A Cement-New Well Casing/Pi 02/05/2010 8 5/8" Surface					
A-Con Blend		365.00	EA	10.86	3,964.55 T
Premium Plus Cement		150.00	EA	9.52	1,427.80 T
Calcium Chloride		1,310.00	EA	0.61	803.25 T
Celloflake		126.00	EA	2.16	272.25 T
C-51		64.00	EA	14.60	934.35 T
Guide Shoe - Regular - 8 5/8"		1.00	EA	221.91	221.91
Top Rubber Cement Plug - 8 5/8"		1.00	EA	131.39	131.39
Centralizer - 8 5/8"		4.00	EA	84.68	338.70
Basket - 8 5/8"		1.00	EA	183.95	183.95
Insert Float Valve - 8 5/8"		1.00	EA	163.51	163.51
Heavy Equipment Mileage		60.00	MI	4.09	245.27
Blending & Mixing Service Charge		515.00	MI	0.82	421.04
Proppant and Bulk Delivery Charge		459.00	MI	0.93	428.87
Depth Charge; 1001' - 2000'		1.00	EA	875.95	875.95
Plug Container Charge		1.00	EA	145.99	145.99
Service Supervisor Charge		1.00	HR	102.19	102.19
Car, Pickup or Van Mileage		20.00	MI	2.48	49.64

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PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	10,710.61
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	466.34
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	11,176.95
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
P.O. Box 129
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET
1717 00246 A

DATE _____ TICKET NO. _____

DATE OF JOB: 2-5-10	DISTRICT: 1717	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:
CUSTOMER: O Brein Energy		LEASE: Zinkors Ranch Infill #		WELL NO: 4-20			
ADDRESS:		COUNTY: Meade		STATE: KS			
CITY:		STATE:		SERVICE CREW: R. Cox, J. Arrington, G. Humphries			
AUTHORIZED BY: J. Bennett JRB		JOB TYPE: 242 8 1/2 Surface					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE: 2-5-10 AM/PM: 2:00 TIME
10816	2						ARRIVED AT JOB AM/PM: 5:00
27462	2						START OPERATION AM/PM: 8:00
19828	1						FINISH OPERATION AM/PM: 9:00
19883	1						RELEASED AM/PM: 10:00
14355	1						MILES FROM STATION TO WELL: 20 MI.
14274	1						

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Roger Pearson*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL101	A-Len Blend	sk	365		6789.00
ET110	Premium Plus	sk	150		2445.00
CC109	Calcium Chloride	lb	1310		1375.50
CC102	CellClake	lb	126		466.20
CC130	C-51	lb	104		1600.00
CF253	8 1/2" - Reg. Guide Shoe	ea	1		380.00
CF105	8 5/8" Top Rubber Plug		1		225.00
CF173	8 5/8" Centralizers		4		580.00
CF1903	8 3/4" Basket		1		315.00
CF1453	8 7/8" Flapper Type Insert		1		280.00
E100	Pick up Mileage	ME	20		85.00
E101	Heavy Equipment Mileage	ME	60		420.00
CE240	Blending + Mixing Service	SK	515		721.00
E113	Proppant + Bulk Delivery	cu/ft	459		734.10
CF202	Depth - 100' - 2000'	ea	1		1500.00
CF504	Plus Container		1		250.00
5003	Service Supervisor		1		175.00
SUB TOTAL					10970.61

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CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: *Del Anna*
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Roger Pearson*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer: O'Brien Energy	Lease No:	Date: 2-5-10
Lease: Rickers Ranch Infill	Well # 4-20	
Field Order # 00246	Station Liberal, KS-1717	Casing # 878 Depth 24'
Type Job 242-878 Surface	Formation	County Meade State KS
		Legal Description 20-33-29

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 878	Tubing Size 24"	Shots/Ft		Acid 365 SKS - A-Con	30 CC, 24" Cell	ISIP 12%	WCA-1
Depth 1575'	Depth	From	To	Pre Pad 3.17 gal/sk, 19.76 gal/sk			5 Min.
Volume 100 bbls	Volume	From	To	Pad 150 SKS - Prem Plus	20% CC, 4" Cell		15 Min.
Max Press 2000#	Max Press	From	To	Frac 1.35 ft³/sk, 6	30 gal/sk		Annulus Pressure
Well Connection	Annulus Vol.	From	To		HHP Used		
Plug Depth 1533'	Packer Depth	From	To	Flush fresh	Gas Volume		Total Load

Customer Representative R. Pearson	Station Manager J. Bennett	Treater A. Overa
Service Units 19816 27462 19828 19883 14355 14284		
Driver Names A. Overa R. Cox J. Amington G. Humphries		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
17:00					on loc-site assessment (laying down d.p.)
17:30					start csg, + float equip.
19:30					csg on bfm break circ.
19:56					switchover to pumpby lines pressure test 2000#
19:58					start mix lead cmt @ 11.2# ppq
20:00	250		206	5	pump cmt 5 bpm @ 250#
20:50					switch to tail cmt @ 14.8# ppq
20:51	100		36	4	pump tail cmt 4 bpm @ 100#
21:00					finish pumping cmt - drop plug.
21:01	0		88	5	wash pumping lines, disp csg 5 bpm
21:26	550		98	2	slow rate to 2 bpm lost 10 bbls of disp
21:30	1200			0	land plug float held
					circ cmt to surface

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PO
V 24694
2/22/2010

PAGE 1 of 1	CUST NO 1002969	INVOICE DATE 02/15/2010
INVOICE NUMBER 1717 - 90244919		

Liberal (620) 624-2277
 B O'BRIEN ENERGY RESOURCES
 I 18 CONGRESS ST SUITE 207
 L PORTSMOUTH
 NH US 03801
 T
 O ATTN:

LEASE NAME Rickers Ranch Infill #4-20
 LOCATION
 COUNTY Meade
 STATE KS
 JOB DESCRIPTION Cement-New Well Casing/Pi
 JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40150172	27462		Net - 30 days	03/17/2010	
For Service Dates: 02/14/2010 to 02/14/2010					
0040150172					
171700443A Cement-New Well Casing/Pi 02/14/2010 4 1/2" Longstring					
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
AA2 Cement		160.00	EA	9.15	1,464.01 T
Premium Cement		50.00	EA	8.04	402.20 T
Salt		889.00	EA	0.25	223.47 T
FLA-115		91.00	EA	7.54	686.26 T
Cal-Set		755.00	EA	0.38	284.68 T
Gilsonite		800.00	EA	0.34	269.47 T
CAF 38 Defoamer		38.00	EA	3.52	133.73 T
Guide Shoe - Regular - 4 1/2"		1.00	EA	113.12	113.12
Insert Float Valve - 4 1/2"		1.00	EA	100.55	100.55
Centralizer - 4 1/2"		10.00	EA	55.30	553.03
Top Rubber Cement Plug - 4 1/2"		1.00	EA	40.22	40.22
Stop Ring - 4 1/2"		1.00	EA	15.08	15.08
Mud Flush		500.00	EA	0.43	216.18 T
CC-1		8.00	EA	22.12	176.97 T
Heavy Equipment Mileage		40.00	MI	3.52	140.77
Blending & Mixing Service Charge		210.00	MI	0.70	147.81
Proppant and Bulk Delivery Charge		198.00	MI	0.80	159.27
Depth Charge; 6001' - 7000'		1.00	EA	1,628.93	1,628.93
Plug Container Charge		1.00	EA	125.69	125.69
Service Supervisor Charge		1.00	HR	87.98	87.98
Car, Pickup or Van Mileage		20.00	MI	2.14	42.73

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PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	7,012.15
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	242.99
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	7,255.14
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
P.O. Box 129
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET
1717 00443 A

DATE _____ TICKET NO. _____

DATE OF JOB 2-14-10	DISTRICT 1717	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:
CUSTOMER O'Brien Energy	LEASE Rickers Round Infill #420		WELL NO.				
ADDRESS	COUNTY Moade	STATE KS					
CITY	STATE	SERVICE CREW R. Cox S. Chavez					
AUTHORIZED BY J. Bennett TRB	JOB TYPE: 242-4 1/2 Longstring						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 2-14-10
274162	2						AM/PM 6:00
14355	1					ARRIVED AT JOB	AM/PM 6:30
14284	1					START OPERATION	AM/PM
19816	2					FINISH OPERATION	AM/PM
						RELEASED	AM/PM
						MILES FROM STATION TO WELL	20 mi.

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Roger Pearson*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL105	AA2	sk	160		2912.00
CL100	Premium	sk	50		800.00
CC111	Salt	lb	889		444.50
CC124	FIA-115		91		1365.00
CC113	Cal-set		755		566.25
CC201	Gilsonite		800		536.00
CC107	CAF 38 Defoamer		38		266.00
CF250	4 1/2 Regular Anode Strap	ea	1		225.00
CF1450	Flopper Type Insert		1		200.00
CF1770	Centralizer		10		1100.00
CF102	Top Rubber Plug		1		80.00
CF500	Stop Ring		1		30.00
CF151	Mudflush	gal	500		430.00
CF106	CC-1	gal	8		352.00
SUB TOTAL #					7012.15

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE <i>Del Rivera</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Roger Pearson</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO.	

Customer O'Brien Energy	Lease No.	Date 2-11-10	
Lease Rickers Ranch T#111	Well # 420		
Field Order # 00413	Station 1717	Casing " 10	Depth 6235
Type Job 242- 1 1/2 Longstring		County Monte	State KS
Formation		Legal Description 20-33-29	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size # 7 7/8 10.5	Tubing Size	Shots/Ft		Acid 160 sk AA2 w/ 5% HCl	RATE 11-60	PRESS 10% Salt	ISIP 14# Deformer
Depth 6235	Depth	From	To	Pre-Pad 10' C-15	Max # 5 Gilsonite	5 Min.	
Volume 98.5 bbl	Volume	From	To	Pad 1.54 ft³/sk	Min 6.64 gal/sk @ 14.8	10 Min. 00g	
Max Press 3000 psi	Max Press	From	To	Frac	Avg	15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used	Annulus Pressure	
Plug Depth 6195	Packer Depth	From	To	Flush fresh	Gas Volume	Total Load	

Customer Representative R. Pearson	Station Manager T. Bennett	Treater A. Oweira							
Service Units 19816	27462	14355	14784						
Driver Names A. Oweira	R. Cox	S. Chavez							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:30					on loc. - site assessment (runn csg)
6:31					Spot trucks, - rig up
8:45					safety meeting (csg on btm - breakie)
9:13	300		5	4	run 5 bbls H ₂ O spacer - pressure test lines
9:15	300		12	4	pump 12 bbls mud spacer
9:17	300		5	4	pump 5 bbls H ₂ O spacer
9:23					mix lead cont @ 14.8#
9:23	250		43.8	4	pump cont @ 4 bpm @ 250#
9:39					finish cont, wash pumping lines
9:40	0		0	5	dbp csg
10:00	700		88	2	slow rate last 10 bbls of disp
10:05	1200		98.5	0	land plug float hold
					job complete

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O'Brien Energy Resources, Inc.
Rickers Ranch Infill No. 4-20
NWNE Section 20, T33S, R29W
Meade County, Kansas
February, 2010

Well Summary

The O'Brien Energy Resources, Corporation, Rickers Ranch Infill No. 4-20 was drilled to a total depth of 6243' in the Mississippian Ste. Genevieve Formation in 103 rotating hours. It offset the Rickers Ranch Offset No. 5-20 by 2460' to the East. Formation tops from the Heebner to the Marmaton ran 2' to 4' high relative to this offset. The Cherokee and Morrow came in 3' low. The Chester came in 21' low.

Excellent hydrocarbon shows and gas increases were documented. The Morrow "B" Sandstone(5800' - 5822'): Light speckled green, white, clear to translucent, friable, brittle, sucrosic, very fine upper to medium lower, well sorted, subround grains, calcareous cement, clean, very glauconitic in part, good intergranular porosity, fine vuggy porosity, pale yellow blue to occasional bright yellow hydrocarbon fluorescence(all SS), slow streaming to bleeding cut, no stain, gas bubbles when crushed, occasionally very fine lower to medium lower and moderately sorted, occasionally very well cement and tight, with abundant white chalky clay matrix material with light yellow hydrocarbon fluorescence and cut. A slight gas increase over background was noted. Excellent porosity with gas crossover is noted on logs.

The upper portion of the Morrow "B" Sandstone (5790'-5798') consists of Sandstone in 10% of the samples: Light brown, speckled green, firm to friable, very fine upper, well sorted, subrounded grains, calcite cement, clean to argillaceous, glauconitic, trace to fair intgranular porosity, pale speckled yellow hydrocarbon fluorescence, slow cut, no stain, gas bubbles when crushed. A 220 Unit gas increase was noted.

An excellent gas kick in the lower Chester of 1150 Units occurred from 6094' to 6110'. This zone consists of a Sandstone: Brown to redbrown, gray, occasionally very dark brown with oil staining, firm in part, calcareous cement fine, well sorted grains, clean to argillaceous in part, good to excellent intergranular porosity, dull brown gold hydrocarbon fluorescence(20% sample) excellent streaming cut, live oil when crushed, good oil odor.

Additional minor shows were noted in the Lansing, Cherokee and Atoka (mudlog).
4 ½" production casing was set to TD on the Rickers Ranch Infill 4-20 on 2/14/10.

Respectfully Submitted,

Peter Debenham

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WELL DATA

Operator: O'Brien Energy Resources, Inc., John Forma – Portsmouth, NH
Geologist: Paul Wiemann – Denver, CO

Prospect Geologist: Ed Schuett, David Ward, Denver, Land: Gordon Beamguard

Well: Rickers Ranch Infill No. 4-20

Field: Singley

Location: 660' FNL & 1320' FEL, Section 20, T33S, R29W, Meade County, Kansas – 12 miles SE of Meade.

Elevation: Ground Level 2668', Kelly Bushing 2680'

Contractor: Duke Drilling Rig No. 6, Type: Double jackknife, triple stand, Toolpusher Rick Schollenbarger, Drillers: Emigdio Rojas, Danny White, Mike Brewer

Company Man: Roger Pearson – Liberal, Kansas

Spud Date: 2/4/2010

Total Depth: 2/12/2010, Driller 6243', Logger 6230', Mississippi Ste. Genevieve

Casing Program: 37 joints of 8 5/8", J55, 24Lbs/ft, set at 1574'. 4 1/2" production casing to TD.

Mud Program: Mud Co./Service Mud Inc., Engineer Tony Maestas, displaced 2700'.

Wellsite Consultant: Peter Debenham with mudlogging trailer, Call depth 4400', Box 350, Drake, CO 80515, 720/220-4860.

Samples: 20' to TD. Zones of interest saved.

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

Status: 4 1/2 " production casing to TD on 2/14/10.

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WELL CHRONOLOGY

<u>DATE</u>	<u>DEPTH</u>	<u>FOOTAGE</u>	<u>RIG ACTIVITY</u>
2/4	500'	500'	Move to location and rig up rotary tools. Pump water and mix spud mud. Drill rathole and mousehole. Spud in 12 1/4" surface hole to 500.
2/5	1575'	1275'	Surveys(1/4 – 1/2 deg.). To 1575' and circulate. Drop survey 1 1/2 deg.) and trip out. Run and cement 37 joints of 8 5/8" surface casing set at 1574' – did circulate. Wait on cement.
2/6	1575'	0'	Wait on cement and nipple up and pressure test BOP. Rig repair, work on main pump.
2/7	1575'	0'	Dry watch and rig repair.
2/8	1900'	325'	Dry watch and rig repair – main pump motor. Drill plug and cement and drill 7 7/8" hole to 1900'. Surveys(1/2 – 1 1/4 deg.).
2/9	3350'	1450'	Survey(1/2 deg.). Service rig and clean suction. Drilling.
2/10	5050'	1700'	Survey(1 deg.).
2/11	6075'	1025'	Circulate for samples at 5114', 5805' and 5850'.
2/12	6243'	168'	To 6243'TD and circulate and condition mud. Short trip – stuck pipe at 3605'. Work pipe and wait on oil. Spot 70 bbls oil and work stuck pipe.
2/13	TD		Work stuck pipe and wait on Nitrogen. Build volume and mix mud and circulate and pump Nitrogen and pull loose. Trip 16 stands to 1905' and trip in and break circulation at 3000' and 5000'. Trip to bottom and circulate and condition mud. Drop survey(1 deg.) and chain out 8 stands, trip out for logs and run elogs. Trip to bottom and circulate.
2/14	TD		Circulate. Trip out laying down and run and cement 4 1/2" production casing to TD. Rig down.

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BIT RECORD

<u>NO.</u>	<u>MAKE</u>	<u>TYPE</u>	<u>SIZE</u>	<u>OUT</u>	<u>FOOTAGE</u>	<u>HOURS</u>
1	STC	FDSTC	12 1/4"	1575'	1600'	23 1/4
2	HTC	5062 PDC	7 7/8"	6243'	4668'	80

Total Rotating Hours: 103 1/4

Average:

60.5 Ft/hr

DEVIATION RECORD – degree

538' ¼, 1031' ½, 1575' 1 ¼, 2727' ½, 4550' 1, 6243' 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>
2/5	1272'	9.7	32	4	8	7.0	n/c	100	3
2/7	1575'	9.8	29	2	3	7.0	n/c	88.2K	--
2/10	4287'	9.3	40	10	10	9.5	14.0	3.9K	2
2/11	5681'	9.15	72	22	18	9.5	6.4	2.1K	4
2/12	6243'	9.6	52	17	19	7.5	8.0	2.9K	3

ELECTRIC LOG FORMATION TOPS- KB Elev. 2680'

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>	<u>*Rickers Ranch Offset 5-20</u>	
			<u>DATUM</u>	<u>POSITION</u>
Surface Casing	1572'			
Heebner	4450'	-1770'	-1774'	+4'
Toronto	4474'	-1794'	-1798'	+4'
Lansing	4600'	-1920'	-1922'	+2'
Marmaton	5260'	-2580'	-2584'	+4'
Cherokee	5448'	-2768'	-2765'	-3'
Atoka	5708'	-3028'	-3025'	-3'
Morrow	5750'	-3070'	-3068'	-2'
"A" SS	5790'	-3110'	3106'	-4'
"B" SS	5800'	-3120'	-3122'	+2'
Mississippi Chester	5897'	-3217'	-3196'	-21'
Ste Genevieve	6156'	-3476'		
TD	6243'	-3563'		

*Rickers Ranch Offset No. 5-20, 2460' to the West, K.B. Elevation 2692'.

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