FORM MUST BE TYPED

SIDE ONE

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 32340

Name: Bluegrass Energy, Inc.

Address 5727 S. Lewis St 260

Tulsa, OK 74105

City/State/Zip

Purchaser: Bradshaw Gas Gathering

Operator Contact Person: M. Repasky

Phone (918) 743-8060

Contractor: Name: Cheyenne Drilling

License: N/A

Wellsite Geologist: None

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CONSERVATION DIVISION
Wichita, Kansas

Designate Type of Completion
XX New Well ___ Re-Entry ___ Workover

___ Oil ___ SWD ___ SIOW ___ Temp. Abd.
X Gas ___ ENHR ___ SIGW
___ Dry ___ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator:

Well Name:

Comp. Date ___ Old Total Depth ___

___ Deepening ___ Re-perf. ___ Conv. to Inj/SWD
___ Plug Back ___ PBTD
___ Commingled Docket No.
___ Dual Completion Docket No.
___ Other (SWD or Inj?) Docket No.

10/23/1999 10/26/99 12/1/99
Spud Date Date Reached TD Completion Date

API NO. 15- 071-207150000

County Greeley

C - C - NE Sec. 17 Twp. 19S Rge. 40 E X W

1320 Feet from S/(N) (circle one) Line of Section

1320 Feet from (E)/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(NE) SE, NW or SW (circle one)

Lease Name Edmun Well # 2-17

Field Name Bradshaw

Producing Formation L. Winfield

Elevation: Ground 3607 KB 3613

Total Depth 2995 PBTD 2938

Amount of Surface Pipe Set and Cemented at 306 Feet

Multiple Stage Cementing Collar Used? ___ Yes X No

If yes, show depth set ___ Feet

If Alternate II completion, cement circulated from 2986

feet depth to surf w/ 435 sx cmt.

Drilling Fluid Management Plan AH2, 1-20-00 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 9000 ppm Fluid volume 200 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

___ Quarter Sec. ___ Twp. ___ S Rng. ___ E/W

County Docket No.

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 on 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 Renee Wade

Title President Date 12/28/99

Subscribed and sworn to before me this 28th day of December, 19 99.

Notary Public Kim Miller

Date Commission Expires 9-11-2000

K.C.C. OFFICE USE ONLY
F ___ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ___ Geologist Report Received

Distribution
✓ KCC ___ SWD/Rep ___ NGPA
___ KGS ___ Plug ___ Other (Specify)

Form ACO-1 (7-91)

SIDE TWO

Operator Name Bluegrass Energy, Inc. Lease Name Edmun Well # 2-17

Sec. 17 Twp. 19S Rge. 40 ☐ East ☒ West County Greeley

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

List All E.Logs Run: Dual Induction
Comp Neutron/Density

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Krider	2812	+801
U. Winfield	2850	+763
L. Winfield	2868	+745
U. Ft. Riley	2916	+697

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 1/4	8 5/8	23	306	50/50 poz	155	
Production	7 7/8	4 1/2	10.5	2986	50/50Poz	435	2% gel1/4flocel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Depth Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate					
___ 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, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	2884-2890	500 gals 15% HCL	
		7500 gals 25# gel w/	
		11,100 # 16/30 sd	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	2902	none	☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj.	Producing Method
11/30/199	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	200	90		

Disposition of Gas: METHOD OF COMPLETION Production Interval

☐ Vented ☒ Sold ☐ Used on Lease (If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 2884-2890

☐ Other (Specify) _____

HALLIBURTON

JOB SUMMARY

ORDER NO. 70006

TICKET # 237884	TICKET DATE 10-25-99	
REGION North America	NWA/COUNTRY Mid Continent	BDA / STATE KS	COUNTY Greely
MBU ID / EMP # MCLI0101 106322	EMPLOYEE NAME O. McLane	PSL DEPARTMENT ZI	
LOCATION Liberal	COMPANY Broadview Energy	CUSTOMER REP / PHONE Mark Repasky	
TICKET AMOUNT 7622.19	WELL TYPE 02	API / UWI #	
WELL LOCATION Tribune	DEPARTMENT ZI	JOB PURPOSE CODE 035	
LEASE / WELL # EDMUN 2-17	SEC / TWP / RNG 17 19S 40W		

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NOV 15 1999
KCC WICHITA

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
O. McLane 106322	10						
S. Tate 105953	10						
G. Humphries 106085	10						
R. Ferguson 106154	10						

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420995	200						
54038-77991	200						
54225 - 75821	200						
54029 - 6610	200						

Form Name _____ Type: _____
Form Thickness _____ From _____ To _____
Packer Type _____ Set At _____
Bottom Hole Temp. _____ Pressure _____
Misc. Data _____ Total Depth _____

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	10-25-99	10-25-99	10-25-99	10-25-99
TIME	0200	0630	1338	1431

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float ~~Collar~~ Insert IPV	1	H
Float Shoe		
Guide Shoe Reg 4 1/2	1	O
Centralizers 4 1/2	5	
Bottom Plug		W
Top Plug 5W 4 1/2	1	
Head P/C 4 1/2	1	C
Packer		
Other Clamp 4 1/2	1	O

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	10.5	4 1/2	2992	KB	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

MATERIALS

Treat Fluid _____ Density _____ Lb/Gal
Disp. Fluid _____ Density _____ Lb/Gal
Prop. Type _____ Size _____ Lb. _____
Prop. Type _____ Size _____ Lb. _____
Acid Type _____ Gal. _____ % _____
Acid Type _____ Gal. _____ % _____
Surfactant _____ Gal. _____ In _____
NE Agent _____ Gal. _____ In _____
Fluid Loss _____ Gal/Lb _____ In _____
Gelling Agent _____ Gal/Lb _____ In _____
Fric. Red. _____ Gal/Lb _____ In _____
Breaker _____ Gal/Lb _____ In _____
Blocking Agent _____ Gal/Lb _____
Perfpac Balls _____ Qty. _____
Other _____
Other _____
Other _____
Other _____

HOURS ON LOCATION DATE	HOURS	OPERATING HOURS DATE	HOURS
TOTAL		TOTAL	

DESCRIPTION OF JOB: 4 1/2 L.S.

HYDRAULIC HORSEPOWER
ORDERED _____ Avail. _____ Used _____

AVERAGE RATES IN BPM
TREATED _____ Disp. _____ Overall _____

CEMENT LEFT IN PIPE
FEET 45.16 Reason Shoe Joint

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	305	MidCon P+	B	1/4# Flocele	3.02	11.2
	130	50/50 Poz (H)	B	2% Gel 5% Cal Seal 1/4# Flocele .6% Halad-322	1.16	15

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Circulating _____ Displacement _____
Breakdown _____ Maximum _____
Average _____ Frac Gradient _____
Shut In: Instant _____ 5 Min _____ 15 Min _____

Preflush: Gal - BBl 500 Type Mud Flush
Load & Bkdn: Gal - BBl _____ Pad: BBl - Gal _____
Treatment Gal - BBl _____ Disp: BBl - Gal 46.8
Cement Slurr Gal - BBl A.C. 164 T.C. 26.8
Total Volume Gal - BBl _____

CONSERVATION DIVISION
Wichita, Kansas

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE

4239-1

HALLIBURTON

JOB LOG

ORDER NO. 70006

TICKET # 237484	TICKET DATE 10-25-99	
REGION North America	NWA/COUNTRY Mid Continent	BDA / STATE KS	COUNTY Greeley
MBU ID / EMP # MCL0101 106322	EMPLOYEE NAME D. McLane	PSL DEPARTMENT ZI	ORIGINAL
LOCATION Liberal	COMPANY ~~Sharon~~ Bradshaw Energy	CUSTOMER REP / PHONE Mark Kennedy	
TICKET AMOUNT 7622.19	WELL TYPE 02	API / UWI #	
WELL LOCATION Tribune	DEPARTMENT ZI	JOB PURPOSE CODE 035	
LEASE / WELL # EDMUN 2-17	SEC / TWP / RNG 17 19S 40W		

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
D. McLane 106322	10						
S. Tate 105953	10						
C. Humphries 106095	10						
K. Johnson 106154	10						

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS T	PUMPS C	PRESS. (psi) Tbg	PRESS. (psi) Csg	JOB DESCRIPTION / REMARKS
	0200							Called For Job
	0630							On Location Hold Safty Meeting Set up Pump truck Rig laying down D.P
	0700							D.P. out of hole
	0707							Rig up logging Crew
	0738							Start logging hole
	1116							Finn logging
	1130							Rig up to run 4½ Csg
	1146							Start running Csg & Float Equip.
	1312							Csg on bottom
	1315							Hook up Plg & Circulating Iron
	1317							Start Circulating
	1335							Finn Circulating
	1337							Hook up to pump truck
								Job Procedure 4½ Long String
	1338				—		0/2500	Pressure test lines
	1339	2	500/Gal		✓		0/50	Start Mud Flush
	1342	5	164		✓		50/120	Start Lead Cement @ 11.2#
	1409	5	26.8		✓		100	Start Tail Cement @ 15#
	1413							Finn mixing Cement
	1415							Shut down & Release plug
	1416							Wash up pumps & lines
	1418	5	46.8		✓		0/80	Start Displacement with lease water
	1420				✓		80/200	Displacement Caught Cement
	1423	2			✓		471/350	Slow down rate
	1430				✓		575/1460	Plug landed
	1431				✓		1469/0	Release Float
								Circulated 12 Bbls to pit ✓ 22 sks to pit.

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Wichita, Kansas

Thank You For Calling Halliburton

Danny & Sonny & Crew

ORIGINAL

15-071-20715-0000

Schlumberger
Dowell

Service Order

22-Oct-99

Customer	Person Taking Call	Dowell Location	OrderDate	Job Number
CHEYENNE DRILLING	Stephen Cole	Ulysses, KS	10/22/1999	20129709

Well Name and Number	Legal Location	Field	County	State/Province
EDMUN 2-17	SEC 17-19S-40W	BRADSHAW	GREELY	KS

Rig Name	Well Age	Sales Engineer	Job Type
CHEYENNE 8	New	Stephen Cole	Cem Surface Casing

Time Well Ready:	Deviation	Bit Size	Well MD	Well TVD	BHP	BHST	BHCT
10/23/1999 9:30 AM	0 °	12.3 in	300 ft	300 ft	psi	80 °F	80 °F

Treat Down	Packer Type	Packer Depth	WellHead Connection	HHP on Location	Max AllowedPressure	Max Allowed AnnPressure
Casing	None	ft	8 5/8 HS & M	0		

Casing

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
300	8.63	24	K55	8RD

Tubing

Depth,	Size, in	Weight, lb/ft	Grade	Thread
0	0	0		
0	0	0		

Perforated Intervals

Top, ft	Bottom, ft	spf	No. of Shots	Total Interval
				ft
				Diameter
				in

Services Instructions:

55 SK LEAD @ 12.2 PPG
100 SK TAIL @ 14.8 PPG

Extra Equipment:

8 5/8" FLOAT EQUIP:
BAFFLE PLATE
2 CENTRALIZERS
TOP RUBBER PLUG
THREADLOCK KIT

Contact	Voice	Mobile	FAX	Notes
Domoso Castillo	6-272-2032 (rig)	316-272-1393	355-7422 (home)	
Stephen Cole	316-624-8432	405-880-3396	316-624-7341	

Notes:

DO NOT TAKE QUICK CONNECT HEAD
USE TOPO RUBBER CEMENT PLUG, NOT PLASTIC

Directions:

Syracuse, KS - 19 N to greely county line - continue 10 N of correction curve - 1/4 W - 1/4 S - W into.

Other Notes:

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Schlumberger
Dowell

Cementing Service Report

Customer	Job Number
CHEYENNE DRILLING	20129709

Well	Location (legal)	Dowell Location	Job Start
EDMUN 2-17	SEC 17-19S-40W	Ulysses, KS	10/23/99

Field	Formation Name/Type	Deviation	Bit Size	Well MD	Well TVD
BRADSHAW	SURFACE	0 °	12.3 in	306 ft	306 ft

County	State/Province	BHP	BHST	BHCT	Pore Press. Gradient
GREELY	KS	psi	80 °F	80 °F	psi/ft

Rig Name	Drilled For	Service Via
CHEYENNE 8	Gas	Land

Offshore Zone	Well Class	Well Type
	New	Development

Drilling Fluid Type	Max. Density	Plastic Viscosity
Polymer	9.4 lb/gal	0 cp

Service Line	Job Type
Cementing	Cem Surface Casing

Max. Allowed Tubing Pressure	Max. Allowed Ann. Pressure	WellHead Connection
500 psi	psi	8 5/8 HS & M

Service Instructions

55 SK LEAD @ 12.2 PPG
100 SK TAIL @ 14.8 PPG

Mileage:85

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
310	8.63	24	K55	8RD

Tubing/Drill Pipe

Depth,	Size, in	Weight, lb/ft	Grade	Thread
0	0	0		
0	0	0		

Perforations/Open Hole

Top, ft	Bottom, ft	spf	No. of Shots	Total Interval
				ft
				Diameter
				in

Treat Down	Displacement	Packer Type	Packer Depth
Casing	18.5 bbl	None	ft

Tubing Vol.	Casing Vol.	Annular Vol.	OpenHole Vol
0 bbl	19.7 bbl	0 bbl	0 bbl

Casing/Tubing Secured ☑ 1 Hole Circulated prior to Cementing ☐

Lift Pressure: 123 psi

Pipe Rotated ☐ Pipe Reciprocated ☐

No. Centralizers: 2 Top Plugs: 1 Bottom Plugs: 0

Cement Head Type: Single

Job Scheduled For:	Arrived on Location:	Leave Location:
10/23/99 9:30	10/23/99 10:00	10/23/99 12:00

Casing Tools

Shoe Type:	Guide
Shoe Depth:	306 ft
Stage Tool Type	- -
Stage Tool Depth:	0 ft
Collar Type:	Baffle
Collar Depth:	267 ft

Squeeze Job

Squeeze Type	
Tool Type:	
Tool Depth:	0 ft
Tail Pipe Size:	0 in
Tail Pipe Depth:	0 ft
Sqz Total Vol:	0 bbl

Time (24 hr clock)	CumVol bbl	Density ppg	Elapsed Time min	Pressure psi	Pump bpm			Message
11:00	0	0	0	0	0	0	0	START ACQUISITION
11:00	0.	-6.25	0.	-3755	0.	0	0	
11:00	0.	8.17	0.335	-22.89	0.	0	0	
11:01	0.	8.17	0.335	-22.89	0.	0	0	Pressure Test Lines
11:01	0.	8.17	0.67	-22.89	0.	0	0	
11:01	0.473	8.17	1.01	-9.16	1.93	0	0	
11:01	1.02	8.17	1.34	-27.47	0.	0	0	
11:02	1.88	8.3	1.68	77.84	4.89	0	0	
11:02	1.88	8.3	1.68	77.84	4.89	0	0	Start Pumping Water
11:02	3.51	8.36	2.01	77.84	4.84	0	0	
11:02	5.14	8.39	2.35	82.42	4.84	0	0	
11:03	6.77	8.39	2.68	68.68	4.87	0	0	
11:03	8.4	8.39	3.02	77.84	4.87	0	0	
11:03	10.03	8.38	3.35	82.42	4.87	0	0	
11:04	10.03	8.38	3.35	82.42	4.87	0	0	[CumVol]=11.41 bbl
11:04	10.03	8.38	3.35	82.42	4.87	0	0	Reset Volume
11:04	0.163	9.56	3.69	105.3	4.87	0	0	
11:04	0.163	9.56	3.69	105.3	4.87	0	0	Start Mixing Lead Slurry
11:04	1.79	11.64	4.02	128.2	4.87	0	0	
11:04	3.42	12.55	4.36	141.9	4.87	0	0	
11:05	5.05	12.36	4.69	137.4	4.87	0	0	
11:05	6.68	12.14	5.03	123.6	4.87	0	0	

ORIGINAL

Well	Field	Service Date	Customer	Job Number
EDMUN #2-17	BRADSHAW		CHEYENNE DRILLING	20129709

Time (24 hr clock)	CumVol bbl	Density ppg	Elapsed Time min	Pressure psi	Pump bpm			Message
11:06	8.32	12.14	5.36	119.	4.87	0	0	
11:06	9.95	12.41	5.7	123.6	4.87	0	0	
11:06	11.59	12.36	6.03	114.5	4.87	0	0	
11:07	13.22	12.5	6.37	105.3	4.89	0	0	
11:07	14.86	12.3	6.7	105.3	4.87	0	0	
11:07	16.49	12.44	7.04	96.15	4.89	0	0	
11:08	18.13	12.41	7.37	105.3	4.89	0	0	
11:08	19.76	12.15	7.71	96.15	4.87	0	0	
11:08	21.4	12.39	8.04	96.15	4.89	0	0	
11:09	23.03	12.09	8.38	96.15	4.87	0	0	
11:09	23.03	12.09	8.38	96.15	4.87	0	0	[CumVol]=23.93 bbl
11:09	23.03	12.09	8.38	96.15	4.87	0	0	Reset Volume
11:09	0.653	14.03	8.71	105.3	4.87	0	0	
11:09	0.653	14.03	8.71	105.3	4.87	0	0	Start Mixing Tail Slurry
11:09	2.28	15.17	9.05	132.8	4.87	0	0	
11:10	3.92	15.07	9.38	137.4	4.87	0	0	
11:10	5.55	14.93	9.72	155.7	4.87	0	0	
11:10	7.19	15.07	10.05	137.4	4.87	0	0	
11:11	8.82	14.94	10.39	151.1	4.87	0	0	
11:11	10.45	14.89	10.72	141.9	4.87	0	0	
11:11	12.08	15.	11.06	137.4	4.87	0	0	
11:12	13.72	15.04	11.39	132.8	4.87	0	0	
11:12	15.36	15.03	11.73	128.2	4.87	0	0	
11:12	16.98	14.89	12.07	132.8	4.87	0	0	
11:13	18.61	14.74	12.4	132.8	4.87	0	0	
11:13	20.25	14.87	12.74	114.5	4.87	0	0	
11:13	21.88	14.98	13.07	128.2	4.89	0	0	
11:14	23.51	15.07	13.41	128.2	4.89	0	0	
11:14	25.14	15.06	13.74	114.5	4.87	0	0	
11:14	25.14	15.06	13.74	114.5	4.87	0	0	[CumVol]=25.7 bbl
11:14	25.14	15.06	13.74	114.5	4.87	0	0	Reset Volume
11:14	25.14	15.06	13.74	114.5	4.87	0	0	Shutdown
11:14	0.051	14.5	14.08	-22.89	0.	0	0	
11:15	0.051	14.5	14.41	-22.89	0.	0	0	
11:15	0.051	14.5	14.41	-22.89	0.	0	0	Drop Top Plug
11:15	0.051	14.5	14.75	-27.47	0.	0	0	
11:15	0.051	14.5	14.75	-27.47	0.	0	0	Start Displacement
11:15	0.055	14.5	15.08	-27.47	0.28	0	0	
11:16	1.44	13.5	15.42	192.3	5.73	0	0	
11:16	3.36	10.04	15.75	100.7	5.7	0	0	
11:16	5.27	9.19	16.09	54.95	5.7	0	0	
11:17	7.19	8.77	16.42	59.52	5.7	0	0	
11:17	9.1	8.58	16.76	68.68	5.73	0	0	
11:17	11.01	8.46	17.09	64.1	5.7	0	0	
11:18	12.53	8.44	17.43	-22.89	1.01	0	0	
11:18	12.85	8.41	17.76	-4.58	0.951	0	0	
11:18	13.18	8.44	18.1	4.58	0.951	0	0	
11:19	13.5	8.42	18.43	4.58	0.951	0	0	
11:19	13.82	8.42	18.77	4.58	0.951	0	0	
11:19	14.14	8.42	19.1	9.16	0.979	0	0	
11:20	14.46	8.42	19.44	18.32	0.951	0	0	
11:20	14.78	8.41	19.77	18.32	0.951	0	0	
11:20	15.09	8.41	20.11	27.47	0.951	0	0	
11:21	15.41	8.4	20.44	32.05	0.951	0	0	

RIGS 97 v2.1-SR

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Wichita, Kansas

ORIGINAL

Well	Field	Service Date	Customer	Job Number
EDMUN #2-17	BRADSHAW		CHEYENNE DRILLING	20129709

Time (24 hr clock)	CumVol (bbl)	Density (ppg)	Elapsed Time (min)	Pressure (psi)	Pump (bpm)			Message
11:21	15.73	8.39	20.78	32.05	0.951	0	0	
11:21	16.05	8.39	21.11	27.47	1.01	0	0	
11:22	16.25	8.33	21.45	13.74	0.	0	0	
11:22	16.25	8.31	21.78	13.74	0.	0	0	
11:22	16.33	8.31	22.12	22.89	0.475	0	0	
11:23	16.53	8.32	22.45	22.89	0.391	0	0	
11:23	16.71	8.31	22.79	32.05	1.29	0	0	
11:23	16.97	8.31	23.12	13.74	0.	0	0	
11:24	16.97	8.3	23.46	13.74	0.	0	0	
11:24	16.97	8.3	23.46	13.74	0.	0	0	Bump Top Plug
11:24	16.97	8.3	23.46	13.74	0.	0	0	Shutdown
11:24	16.97	8.3	23.8	-32.05	0.	0	0	
11:24	16.97	8.3	24.13	-41.21	0.	0	0	
11:25	16.97	8.3	24.47	-41.21	0.	0	0	
11:25	16.97	8.3	24.8	-41.21	0.	0	0	
11:25	16.97	8.3	25.14	-32.05	0.	0	0	
11:26	16.97	8.3	25.47	-36.63	0.	0	0	
11:26	16.97	8.3	25.81	-32.05	0.	0	0	
11:26	16.97	8.3	26.14	-36.63	0.	0	0	

Post Job Summary

Average Pump Rates, bpm

Slurry	N2	Mud	Maximum Rate
5.5	0	0	5.5

Volume of Fluid Injected, bbl

Total Slurry	Mud	Spacer	N2
45	0	10	0

Treating Pressure Summary, psi

Maximum	Final	Average	Bump Plug to	Breakdown
135	70	90	75	0

Breakdown Fluid

Type	Volume	Density
	0 bbl	0 lb/gal

Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp
0 %	0 bbl	18.5 bbl	°F

☑ Cement Circulated to Surface? Volume 10 bbl

☐ Washed Thru Perfs To 0 ft

Customer or Authorized Representative	Dowell Supervisor
Domaso	Darren Shilling

☐ CirculationLost ☑ Job Completed

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STATE CORPORATION COMMISSION

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CONSERVATION DIVISION
Wichita, Kansas