CORRECTION #1

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1215958

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 #			API No. 15
Name:			Spot Description:
Address 1:			Sec TwpS. R
Address 2:			Feet from North / South Line of Section
City: Sta	ate: Zi	p:+	Feet from East / West Line of Section
Contact Person:			Footages Calculated from Nearest Outside Section Corner:
Phone: ()			□ NE □ NW □ SE □ SW
CONTRACTOR: License #			GPS Location: Lat:, Long:
Name:			(e.g. xx.xxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:			Datum: NAD27 NAD83 WGS84
Purchaser:			County:
Designate Type of Completion:			Lease Name: Well #:
New Well Re-l	Entry	Workover	Field Name:
			Producing Formation:
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ D&A ☐ OG	GSW	Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	d3vv	remp. Abu.	Amount of Surface Pipe Set and Cemented at: Fee
Cathodic Other (Core,	. Expl., etc.);		Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info			If yes, show depth set: Feet
Operator:			If Alternate II completion, cement circulated from:
Well Name:			feet depth to:w/sx cmt
Original Comp. Date:			·
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from the Reserve Pit)
O constituents at	D		Chloride content: ppm Fluid volume: bbls
<ul><li>Commingled</li><li>Dual Completion</li></ul>			Dewatering method used:
SWD			Location of fluid disposal if hauled offsite:
☐ ENHR			Location of hala disposal in fladica offsite.
☐ GSW			Operator Name:
_			Lease Name: License #:
Spud Date or Date Read	ched TD	Completion Date or	QuarterSecTwpS. R East Wes
Recompletion Date		Recompletion Date	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 Approved by: Date:

CORRECTION #1

Operator Name:				Lease N	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres o surface test, along	sures, whethe with final cha	er shut-in pre art(s). Attach	essure reac n extra shee	hed stati t if more	c level, hydrosta space is neede	itic pressures, bot d.	tom hole temp	erature, fluid re	ecovery,
Final Radioactivity Lo files must be submitte						ogs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electr	ronic log
Drill Stem Tests Taker (Attach Additional		Yes	☐ No				on (Top), Depth ar		Sampl	
Samples Sent to Geo	logical Survey	Yes	□No		Nam	е		Тор	Datum	1
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No							
List All E. Logs Run:										
				RECORD	Ne					
	2	1				ermediate, product		T	I	
Purpose of String	Size Hole Drilled		Casing n O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
			ADDITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of	Cement	# Sacks	Used		Type and F	ercent Additives		
Perforate Protect Casing	100 20111111									
Plug Back TD Plug Off Zone										
1 lug 0 li 20 lio										
Did you perform a hydrau	ulic fracturing treatment	on this well?				Yes	No (If No, ski	ip questions 2 ar	nd 3)	
Does the volume of the t							= :	p question 3)		
Was the hydraulic fractur	ring treatment information	on submitted to	the chemical	disclosure re	gistry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ION RECORD Footage of Eac					cture, Shot, Cement			epth
	open,					,,				
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or Ef	NHR.   F	Producing Met	hod: Pumpin	a	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat			Gas-Oil Ratio	Gra	avity
	1									
	ON OF GAS:		en Hole	METHOD OF			mmingled	PRODUCTION	ON INTERVAL:	ļ
Vented Solo	I Used on Lease bmit ACO-18.)		en noie _	Perf.	(Submit		mmingled mit ACO-4)			

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	BLYTHE 2-1
Doc ID	1215958

## All Electric Logs Run

Comp. Neutron PEL Density Micro Log
PH Shallow Focus SP Log
Gamma Ray/Neutron/CCL
Gamma Ray/Cement Bond/CCL

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	BLYTHE 2-1
Doc ID	1215958

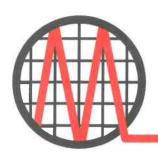
### Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	762-779	1000gals 15% HCL Acid w/NeFe	762-779
2	390-399	Bridge Plug set @	600
		100gals 15% HCL Acid, 200#'s 16/30 Brown sand;	390-399
		130bbls City Water	
		225gals 15% HCL Acid, 11,000gals City Water	390-399
		4,000#'s Sand	

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	BLYTHE 2-1
Doc ID	1215958

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	11	8.625	24	22.80	Portland	5	
Production	6.75	4.50	10.5	848.95	50/50 Pozmix	121	2%Gel;5% Salt,5#Kol seal



## MIDWEST SURVEYS

LOGGING • PERFORATING • CONSULTING • M.I.T. SERVICES P.O. Box 68 • Osawatomie, KS 66064 Phone 913-755-2128 • Fax 913-755-6533

## **Bridge Plug Record**

Company:

GRAND MESA OPERATING COMPANY

Lease/Field:

**BLYTHE LEASE** 

Well:

# 2-1

County, State:

BOURBON COUNTY, KANSAS

Service Order #:

31478

Purchase Order #:

N/A

Date:

6/6/2014

Bridge Plug Set @:

600.0

Type of Jet, Gun

or Charge:

3.50" PLUG WELL BRIDGE PLUG 10,000# RATED

Number of Jets,

**Guns or Charges:** 

ONE (1)

Casing Size:

4 1/2"



268826

TICKET NUMBER 49293

LOCATION Thayer &4

# PO BOX 884 STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

#### **FIELD TICKET**

	372 BlyThe			
AILING ADDRESS		OPERATOR		
TY & STATE		CONTRACTOR		
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5/026	1-/	PUMP CHARGE 1000 Mp		
5302	1 1	A-CID - 2 part ==	3	
3107	100 911	15% HCL Acid sports		
3106		INhile Ide		
5175 13	755 494	Starte		Fig.
1268	130 33315	City Water		2 18-11
47 60		681		
2050	3 \$ 13	- Boside		
215 13	<u> </u>	Kil-	4	
238	25 561	E S. H - 90		
1208	- 2 6 3 KL	Beinker		
1019	B1 X 301	5710 plo	4	
5604	X = /	FIBE SERVE		
157ym	1 /	. If it had not been been a first of the state of the sta		
4576		- The Start Start Start Start Start	-	
		BLENDING & HANDLING		
7109	The Miles	TON-MILES BUIK DELIVIES		
		STAND BY TIME		
5108	5 6 Mile.	MILEAGE THE GILLS FIRE PS	1	
15012	1 419	WATER TRANSPORTS		
		VACUUM TRUCKS	1	
		FRAC SAND	9 9	
HOYA	200 "	16/30		MEXIC
1402	- Landy of the Samuel Samuel	7370	DAI 50 TAY	
	100		SALES TAX	-
2790		.1	ESTIMATED TOTAL	1 19 5
			as I loved	rd.
STOMER or AGENT	S SIGNATURE	COWS FOREMAN / / / / / /	DATE 6 13 111	'O

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records ar our office, and conditions of services on the back of this form are in effect for sercives identified on this form.



PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET REF # 49293

LOCATION There has

FOREMAN AND SOLUTION IN 158 Hole

# TREATMENT REPORT FRAC & ACID

DATE	CUSTOMER #	WELI	L NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
4-13-19	33 72	BluThe	7-1	1.4	20	0755	0271	Boulean
CUSTOMER			-1			Rate Republic		
GLAN	0 1116316				TRUCK #	DRIVER	TRUCK#	DRIVER
MAILING ADDR					5 24	Tranges		
					458	TIP		
CITY		STATE	ZIP CODE		582	MATT		
					680 7221	Cody		
. Kin Land					7	Con 6 (1 V)		
	WELL	DATA		-				
CASING SIZE		TOTAL DEPTH	21 25°ks	100	N 10	TYPE OF TR	PEATMENT	1961.4
CASING WEIGH	łŢ	PLUG DEPTH		30	7. FIAC	THEOTH	CEATHLENT .	A Commen
TUBING SIZE		PACKER DEPTH	-		2 / 67 6	СНЕМІ	CALS	
TUBING WEIGH	IT	OPEN HOLE			Heid	OTILINI	Cat w.	A Ter
PERFS & FORM	IATION				Inshit		6.1	Pro-C - 1/2
390-9	6	Squired		1	572		Ps. 6 }	
				1		B10	1	
	7						TOTAL STATE	
ST.	AGE	BBL'S	INJ RATE	PROPPANT	SAND / STAGE	PSI	T	
31		PUMPED	1	PPG		1600-		
PAO		15	15				BREAKDOWN	2300
1616	0	- 15			200-4	1100	START PRESSU	JRE
12/20		of	15-12		withtence	1160-2500	END PRESSURE	
Agricultural of problem		170				3600 .	BALL OFF PRES	SS
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	0						10 MIN 40	U
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AUTHORIZATIO	on L MAG			TITLE			DATE 6 75	-19
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erms and Co	onditions are	printed on rev	erse side.					



# CONSOLIDATED

Oil Well Services, LLC

268912

TICKET NUMBER 49266

LOCATION Thayer

SALES TAX

FORMATION

# PO BOX 884 STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

# FIELD TICKET QTR/QTR SECTION

TWP

RGE

IARGE TO G	rand Mesa	OWNER				
AILING ADDRESS		OPERATOR				
TY & STATE		CONTRACTOR	CONTRACTOR			
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT	TOTAL AMOUNT		
5/02B	1	PUMP CHARGE 1300 Comples Retor		/		
1020	7	FUMP CHARGE 1300 Combo Retro	My A	Etz II.		
- 0 : 0			/			
775	2000	Heidspotter				
102	- 27 gd(	Think to				
2196	61/2	Stimoil acid + STE				
1268	14,000,90	Theyer city		4634		
12150	1.600	trad gel	n = 2 92			
120-1	Tygal	Diocide		- THE STATE OF		
1202	1/2					
1262	504	Breaker FLE SOU	2.60	<b>2000</b>		
5/07		tlow metered Chern purip				
2604		Frag volve				
437/	20	Ball injector		18 THE R. P. LEWIS CO., LANSING, MICH.		
I won't down to		1336 7/81 Ballseglers BLENDING & HANDLING		7		
5109	55	TON-MILES	Min	E.A.T.		
		STAND BY TIME	,			
2/02		MILEAGE MODILIZETIONX 3 P. S. I	Min			
500/F	6 hcs	WATER TRANSPORTS — 2 VACUUM TRUCKS	1			

CUSTOMER OF AGENT PROBLEMATURE COWS FOREMAN Brieft Bushy
CUSTOMER OF AGENT (PLEASE PRINT)

CUSTOMER OF AGENT (PLEASE PRINT)

16-20

FRAC SAND

Additional 5% discount available if paid within

10 days of invoice date WAC

Ravin 2790

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records ar our office, and conditions of services on the back of this form are in effect for sercives identified on this form.



PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET REF # 1926 LOCATION Theyer

# TREATMENT REPORT FRAC & ACID

DATE	CUSTOMER#	WEL	L NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-16-14		BIVT	he 2.	- /				88
CUSTOMER		/			155 4 m	etine alle	1/2012	915
Grand	Mesa			-	TRUCK#	DRIVER		
MAILING ADDRE						Taranta and the same of the sa	TRUCK #	DRIVER
h.l					476	Josh_		
CITY		STATE	ZIP CODE	-	470	MALLY		
					7/8	Mark		
	as Jan		DATE OF		2000	111911		
	1AIP11	DATA			6/8795	Joe		
CASING SIZE	WELL	TOTAL DEPTH			1904110	Cool	1 7 8 9	
CASING WEIGHT		PLUG DEPTH	7,		[ A	TYPE OF T		)
TUBING SIZE		PACKER DEPT	Н	-	Acid spot	ABO / F	(etrac	
TUBING WEIGHT			-	-	Γ <del>1</del>	CHEM	1 //	
PERFS & FORMA		OPEN HOLE		-	KCLSUB.	Biocide	1/3realscr	_
390-9	9 (10)	( )		-	Acid IV	hibitor	Stimoi	(
270-7	1 (19)	Squire	61		FLUIDL	-055 conti	10	
		1		-				
		PDI IO					The state of the s	A STATE OF THE STA
STA	<b>IGE</b>	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI		
PAD		30	12-16-20			1200	DDEAKBONAL /	1200
16-30			20	15-1,0			BREAKDOWN /	900
12-20			20	40	No.		START PRESSUR	
12-20		, 1/2	20	1,5	1.5cm	1500	END PRESSURE	
12-201	3)+(3)	04117	20	15	77	1750	BALL OFF PRESS	
12-20			19	40		2000	ROCK SALT PRE	SS
12-20	,		19	1.0	10004		ISIP 450	
12.20	(2)		12	110	1,000	21100	5 MIN	
12-20	+(2		1-7	40	Crit	2000	10 MIN	
12-20			1-7	1	10001	A-10	15 MJN	
FLUSH (	CASING	10	10	1,5	4000	7050	MIN RATE	7
61		TM		7 01	Troop	2000	MAX RATE	7 11
1501 8000 B	bolls to	1.12.	7	1014	9,000 #		DISPLACEMENT	6,4
OVEKE	LUSH		20	SAND		1550-16		
REMARKS:	13145	150	,					
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4-0	Jan 1	11/15	0, 901	-/2-0/2	HCL OR	id + 6	20/1/01	1sealer
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1009[10]	1 / 30.	PM - 2:	45 PM			5	5 imile	5
UTHORIZATION		-		TITLE			DATE 6-16-	14
erms and Cor	nditions are n	Inted on roll						ar where of the Care of Care of
	· ·····ons are h	GIRCA OILIGN	ここうせ ろはせ、					

### **Summary of Changes**

Lease Name and Number: BLYTHE 2-1

API/Permit #: 15-011-24394-00-00

Doc ID: 1215958

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	03/17/2014	07/25/2014
Completion Or Recompletion Date	03/10/2014	06/18/2014
Date of First or Resumed Production or	03/10/2014	06/18/2014
SWD or Enhr Fracturing Question 1	No	Yes
Fracturing Question 2		No
Perf_Depth_1	762-779	Attached
Perf_Material_1	1000gals 15% HCL Acid w/NeFe	Attached
Perf_Record_1	762-779	Attached
Perf_Shots_1	4	Attached
Production Interval #1	762-779	762-779 bridge plug

## Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Production Interval #2		390-399
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=11 73135	//kcc/detail/operatorE ditDetail.cfm?docID=12 15958

### **Summary of Attachments**

Lease Name and Number: BLYTHE 2-1

API: 15-011-24394-00-00

Doc ID: 1215958

Correction Number: 1

**Attachment Name** 

Bridge Plug Ticket

Acid & Frac Job tickets



Confidentiality Requested:

Yes No

#### Kansas Corporation Commission Oil & Gas Conservation Division

1173135

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

# CONFIDENTIAL WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🔲 East 🗌 West
Address 2:	Feet from North / South Line of Section
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)  Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW	Producing Formation:
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:
☐ OG ☐ GSW ☐ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Recompletion Date	Countv: 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 III Approved by: Date:					

KOLAR Document ID: 1173135

#### Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	# Sacks Used Type and Percent Additives			
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a     Does the volume     Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion		
Operator	Grand Mesa Operating Company		
Well Name	BLYTHE 2-1		
Doc ID	1173135		

## All Electric Logs Run

Comp. Neutron PEL Density Micro Log
PH Shallow Focus SP Log
Gamma Ray/Neutron/CCL
Gamma Ray/Cement Bond/CCL

Form	ACO1 - Well Completion		
Operator	Grand Mesa Operating Company		
Well Name	BLYTHE 2-1		
Doc ID	1173135		

### Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4		1000gals 15% HCL Acid w/NeFe	762-779

Form	ACO1 - Well Completion		
Operator	Grand Mesa Operating Company		
Well Name	BLYTHE 2-1		
Doc ID	1173135		

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	11	8.625	24	22.80	Portland	5	
Production	6.75	4.50	10.5	848.95	50/50 Pozmix		2%Gel;5% Salt,5#Kol seal

## McGown Drilling, Inc. Mound City, Kansas

#### Operator:

Grand Mesa Operating Company Wichita, KS

### Blythe #2-1

Bourbon Co, KS 20-25S-22E API: 011-24394

Spud Date:

11/22/2013

Surface Bit:

11"

Surface Casing:

8.625"

Drill Bit:

6.75"

Surface Length:

22.80'

Longstring:

848.95'

Surface Cement: 5

5 sx

Longstring Date: 11/27/2013

### **Driller's Log**

Top	<b>Bottom</b>	Formation	Comments
0	3	Soil	
3	16	Lime	
16	25	Shale	
25	29	Lime	
29	76	Shale	
76	80	Lime	
80	159	Shale	
159	164	Lime	
164	172	Shale	·
172	186	Shale	Limey
186	190	Shale	
190	205	Lime	
205	208	Shale	
208	220	Red Bed	
220	246	Shale	
246	248	Lime	
248	289	Shale	
289	306	Lime	
306	340	Shale	
340	342	Lime	
342	349	Shale	
349	367	Lime	20'
367	372	Shale	
372	377	Lime	5'
377	391	Shale	
391	392	Sand	Light oil show, laminated sand

#### Blythe #2-1 Bourbon Co., KS

392 395.5	395.5 398	Sand Sand	Shaley, mostly shale, no oil show Good oil show, good saturation
398	400		Mostly shale, no oil
400	403	Shale	modify chare, no on
403	407	Sand	Dark sand, no oil
407	418	Shale	
418	458	Sandy Shale	
458	459	Coal	
459	469	Sandy Shale	
469	470	Coal	
470	492	Shale	
492	493	Coal	
493	528	Shale	
528	545	Sandy Shale	
545	546	Lime	
546	578	Shale	
578	596	Sandy Shale	
596	614	Shale	
614	616	Coal	
616	619	Shale	
619	620	Lime	
620	638	Shale	
638	645	Sandy Shale	
645	662	Shale	
662	668	Lime	
668	674	Shale	
674	680	Sandy Shale	
680	699	Shale	
699	703	Sandy Shale	
703	707	Bl. Shale	
707	714	Sandy Shale	
714	724	Sandy Shale	
724	736	Bl. Shale	
736	738	Coal	
738	746	Shale	
746	862	Lime	Mississippian
862		TD	748-762, fractured, cherty, fair oil shows
			scattered throughout top 10',
_	Coring	_	760-761.5 good oil show
Run	Footage	Rec.	
1	391-411	20'	
2	748-762	14'	



Revin 3737

264444 TICKET NUMBER 44856

SALES TAX **ESTIMATED** 

TOTAL.

DATE

911)	Wall Services, LLC		, , ,		FOREMAN_	) gu	Mada
PO Box 884, Chan 520-431-9210 or	ute, KS 66720	FIELD TICK	ET & TREA	ATMENT REP	ORT	_	·
	USTOMER#	WELL NAME & NU		SECTION	TOWNSHIP	RANGE	COUNTY
1)-27-13 3	372 J	3/Wthe	2-1	WW 20	25	22	BB
CUSTOMER	-	<del>) '                                   </del>				***************************************	551/55
Grand 1	Nesa			TRUCK#	DRIVER 1	<del></del>	DRIVER
MAILING ADDRESS		. (2)		730	7 guffer	Capax	1 20160
1700 N	Water Fin	ZIP CODE	:	368 369	77/1/64		
CITY	1	0	~	167	1005 A/C		
Wichite		37		TH 862	CASING BIZE & W	EIGHT 4//	]]
	5 STV MIHOLE	<i>-</i>	HOLE DEP	TH BOX		772	7.40
CASING DEPTH_	348,50 DRILL	•	TUBING	***		—— <del>-</del> -	(
SLURRY WEIGHT_	SLURF		WATER ga		1 - 4	CASING VE	
DISPLACEMENT	5 0 -3 1	P ~	MIX PSI	200	1	ysn	
REMARKS: //p	1 de meetin	15 F5T9	blishe	K / C/P	0101V1	<u>C. 95 i u</u>	911
Mixed	2. pumpe	2, 100	# 5.P.L	10/10V	of by	7 /4	<i>b6(</i>
dye	nay Kes	Mixed a	· pun	1peck la	KI 18 K'15	<del>,</del>	com.
0/48	270 900	570 5	a (7)	5 # KOI S	Cap pt	<u> </u>	7
Circu	lated d	ye, Flu	Juest	PuMPi	Fund	ed pl	49 70
19510	TD	Well h	e.lch 8	00 P.S.T.	TOWNSHIP RANGE COUNTY  25 22 BB  DRIVER TRUCK# DRIVER  May May Safaxy Med  Brital  Jas Ric Set Fuc  Casing size & weight  OTHER 7/4 dye  CEMENT LEFT in CASING YAS  RATE 4 LAS MAY  PRODUCT UNIT PRICE TOTAL  368  369  369		
Close	& value	·	<u> </u>			,	<i>į</i>
							/
Mc	sours, liè	11-			Allen	1/1/20	<u>~</u>
ACCOUNT	QUANITY or UNI	rs	DESCRIPTION	of SERVICES or PR	ОРОСТ	UNIT PRICE	TOTAL
CODE	- 4			·			
5401		PUMP CHA	RGE		<u> </u>	· ·	
3406	65	MILEAGE		·	360		
5402	8 48.		<del></del>	ratase_			
5407A	365	72 tov	mila	<u> </u>			
35020	3	80	Vac		369	<u> </u>	
1124	121	50	150 CB	ment			
100	303#L	1 -	01			٠.	-
11 <u>100                                </u>	000 #	7	14	•			1
111/2 -	234#	/   <u>G</u> q	15				
11104	605	- K.c	1.9 eal				
4404	1	1 7/	2 ply	9			
<u> </u>	<u>.</u>		<u> </u>	<u>/</u>		-	<del> </del>
						<u> </u>	
				श्र 	- AAM		<del>-</del>
							<del>                                     </del>
				7.			<del>                                     </del>
. — 1		1 ,		and the second s		1	

i acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

TITLE\_



Hurricane Services, Inc. 3613 A Y Road Madison, KS 66860 620-437-2661

Ticket Number_	06	259	
Location		2 01	* 70.0
Foreman		1 JL	#372

#### **Acid Service Ticket**

				Lin (Dames	County
Date	Customer #	Well Name & Number	Sec./1	ownship/Range	County
	33312111	BLYTHE 2-1			BB
1/28/14   Customer		Mailing Address	City	State	Zip
Gar. N	MESA			<u> </u>	

CALAN	s mesa						
Well Data				Truck #	Driver	Truck #	Driver
Casing Size 41/2 Total Depth 848			303/320	CLATION			
Casing Weigl	/	Plug Depth		144/150	RATK		
Tubing Size		Packer De	oth		DANNY.		
Tubing Weig	ht	Open Hole					
	62-779	68					
	2250	Max PSI	22 <i>5</i> 0				
	950	ISIP 50	0				
Quantity	Acid		ives Used	Cha	arge		
Quartity	30.3	Pump Cha					
1 Programs	152	Acid with i					
1000	1,240	Mud Acid					
7		NE-320					
		FSW-4100					
<del>``</del>		Iron Stay					
		Bachcide					
		Clay Stay					
نح		KCL					
11/2		Biocide					/
		Gel					
		Breaker					
<i>5</i> 70	7/81,350	Ball Seale	rs				
1		Ball Gun					
65	303		ck Mileage				
1_	320	Acid Tran					
		Acid Spot					
65	39.2	Pickup M	ileage				
		80 Vac				<del>                                     </del>	
4	144/150	Transport	Bos Al	- 80 mc Pr	210		
						Total	

Remarks: RIG LP. TEST LINE TO 3000, LOAD 1.6 BBL PST LF 2250 LARLY
FEEDS, BARBON EST, RATE GRAM @ 750. BBBL D. START 1000 GAL 156
NE/FE HLL AND 50 BALLS. ALTO ON PST DOWN 675. ALTO OFF START
FLUSH PST 500. 38 BBL ALD FUSHED PST UP 575. COURS SURBE BALLS
AND OVER FLUSH 15BBL. 53 TOTAL BBL TSIP 500.

Customer Signature