

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ 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: <input type="checkbox"/> Vented <input 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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	BLYTHE 2-1
Doc ID	1215958

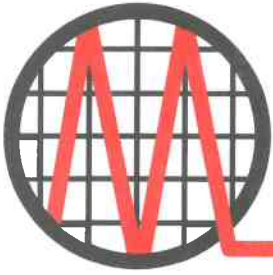
All Electric Logs Run

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	



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"



CONSOLIDATED

Oil Well Services, LLC

268826

TICKET NUMBER **49293**

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

LOCATION Thayer, KS

FIELD TICKET

DATE <u>6-13-14</u>	CUSTOMER ACCT # <u>3372</u>	WELL NAME <u>Blythe 2-i</u>	QTR/QTR	SECTION <u>20</u>	TWP <u>25S</u>	RGE <u>22E</u>	COUNTY <u>Barber</u>	FORMATION <u>Wessex</u>
CHARGE TO <u>WIPRO MESA</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
<u>5102C</u>	<u>1-1</u>	<u>PUMP CHARGE 1000 HP</u>		[REDACTED]
<u>5302</u>	<u>1-1</u>	<u>Acid spotting</u>		[REDACTED]
<u>3107</u>	<u>100 gal</u>	<u>15% HCL Acid</u>		[REDACTED]
<u>3106</u>	<u>25 gal</u>	<u>Inhibitor</u>		[REDACTED]
<u>3125B</u>	<u>75 gal</u>	<u>Stim 110</u>		[REDACTED]
<u>1268</u>	<u>130 BBLS</u>	<u>City Wash</u>		[REDACTED]
1251	<u>100 gal</u>	<u>Gel</u>		[REDACTED]
<u>1205A</u>	<u>3 gal</u>	<u>Bicide</u>		[REDACTED]
<u>1215A</u>	<u>5 gal</u>	<u>Kel</u>		[REDACTED]
<u>1258</u>	<u>1 gal</u>	<u>ESA-90</u>		[REDACTED]
<u>1208</u>	<u>25 gal</u>	<u>Beaker</u>		[REDACTED]
3107 <u>10190</u>	<u>1 X gal</u>	<u>Stim 110</u>		[REDACTED]
<u>5609</u>	<u>1-1</u>	<u>Fracture</u>		[REDACTED]
<u>4371</u>	<u>1-1</u>	<u>Butyl methacrylate</u>		[REDACTED]
<u>4326</u>		<u>Butyl methacrylate</u>		[REDACTED]
BLENDING & HANDLING				
<u>5109</u>	<u>56 miles</u>	TON-MILES <u>Bulk Delivery</u>		[REDACTED]
		STAND BY TIME		[REDACTED]
<u>5108</u>	<u>56 miles</u>	MILEAGE <u>Mobilization P-S</u>		[REDACTED]
<u>59012</u>	<u>2 miles</u>	WATER TRANSPORTS		[REDACTED]
		VACUUM TRUCKS		[REDACTED]
		FRAC SAND		[REDACTED]
<u>3104A</u>	<u>200 #s</u>	<u>16/30</u>		[REDACTED]
<u>2402</u>	<u>5700 #s</u>	<u>75/100</u>		[REDACTED]
		SALES TAX		[REDACTED]

Ravin 2790

ESTIMATED TOTAL [REDACTED]

CUSTOMER or AGENTS SIGNATURE

COWS FOREMAN L Gordon Westlake

CUSTOMER or AGENT (PLEASE PRINT)

DATE 6-13-14

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 services on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 58579
FIELD TICKET REF # 49293
LOCATION Thayer, KS
FOREMAN Lance Wesselink

**TREATMENT REPORT
FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-13-14	3372	Blythe 2-1	20	25S	22E	Butler

CUSTOMER
Grass Mesa

MAILING ADDRESS

CITY STATE ZIP CODE

TRUCK #	DRIVER	TRUCK #	DRIVER
534	T. Travis		
458	T. [unclear]		
582	MATT		
680-7221	Cody		

WELL DATA

CASING SIZE	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	<u>Syncret</u>
<u>390-99</u>	<u>19</u>

TYPE OF TREATMENT

SPT-FRAC

CHEMICALS

<u>Acid</u>	<u>cuty water</u>
<u>Talbit</u>	<u>KCl</u>
<u>STIM</u>	
<u>680 / Bio</u>	

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
<u>PAD</u>	<u>15</u>	<u>15</u>			<u>1100-1600</u>	BREAKDOWN <u>2300</u>
<u>16110</u>	<u>15</u>	<u>15</u>		<u>200"</u>	<u>1100</u>	START PRESSURE
<u>12110</u>		<u>15-12</u>			<u>1100-2300</u>	END PRESSURE
					<u>3000</u>	BALL OFF PRESS
<u>7-11-11 SHUT DOWN - Frack Balls</u>						ROCK SALT PRESS
<u>What Frackball PSI - SHUT IN</u>					<u>400</u>	ISIP <u>400</u>
<u>repeat 8 times</u>						5 MIN <u>400</u>
<u>12-11-11 Pump in 12 Bbls</u>					<u>2600</u>	10 MIN <u>400</u>
<u>What No additional Seal</u>						15 MIN
<u>12-11-11</u>						MIN RATE
<u>12-11-11</u>						MAX RATE
						DISPLACEMENT
			<u>Total</u>	<u>200 #'</u>		
<u>Total Fluid</u>	<u>150</u>		<u>5000</u>			

REMARKS:
Break out down + STIM 1-2, 3-4, 5-6, 7-8, 9-10, 11-12 + 13-14
ES&O: How much sand in 'could not get well to take'

AUTHORIZATION C. [Signature] TITLE _____ DATE 6-13-14



CONSOLIDATED
Oil Well Services, LLC

268912

TICKET NUMBER 49266

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

LOCATION Thayer

FIELD TICKET

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
6-16-14	351	Blythe 2-11					BB	Squirrel
CHARGE TO			OWNER					
MAILING ADDRESS			OPERATOR					
CITY & STATE			CONTRACTOR					

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5102B	1	PUMP CHARGE 1300 Combo Retrac		[REDACTED]
5102D	1	Free pump ABO - release only		[REDACTED]
5302	1	Acidspatter		[REDACTED]
1275	225 gal	15% HCL acid		[REDACTED]
1202	3/4	Inhibitor		[REDACTED]
1219B	6 1/2	StimOil acid + * OIF		[REDACTED]
1268	11,000 gal	Thayer city		[REDACTED]
1231	175#	frac gel		[REDACTED]
1215A	9 gal	KCL SUP		[REDACTED]
1205A	5#	Bioside		[REDACTED]
1202	1/2	Breaker		[REDACTED]
1262	50#	FEE 500	2.60	[REDACTED]
5107	1	Flow metered Chem pump		[REDACTED]
5604	1	frac valve		[REDACTED]
5115	1	Ball injector		[REDACTED]
4326	30	1.35 3/8" Ballbeaters		[REDACTED]
5109	55	TON-MILES		[REDACTED]
5102	55	STAND BY TIME		[REDACTED]
5501F	55 hrs	MILEAGE Mobilization X 3 P, S, I		[REDACTED]
2104A	500#	WATER TRANSPORTS - 2		[REDACTED]
2102	3500#	VACUUM TRUCKS		[REDACTED]
		FRAC SAND 16-20		[REDACTED]
		12-20		[REDACTED]
		SALES TAX		[REDACTED]

Additional 5% discount available if paid within 10 days of invoice date WAC 4,373.34

ESTIMATED TOTAL [REDACTED]

CUSTOMER or AGENT SIGNATURE

COWS FOREMAN

CUSTOMER or AGENT (PLEASE PRINT)

DATE

Thank you. We appreciate your business! Brett Busby 6-16-14

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 services on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 58530
FIELD TICKET REF # 49266
LOCATION Thayer
FOREMAN Brett Busby

TREATMENT REPORT
FRAC & ACID

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-16-14		Blythe 2-1				BIB

CUSTOMER Grand Mesa		
MAILING ADDRESS		
CITY	STATE	ZIP CODE

* Safety meeting attendees

TRUCK #	DRIVER	TRUCK #	DRIVER
476	Josh		
496	Larry		
478	Mark		
582	Matt		
618195	Joe		
489190	Cody		

WELL DATA

CASING SIZE <u>4 1/2</u>	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>390-99 (19)</u>	<u>Squirrel</u>

TYPE OF TREATMENT

<u>Acidspot / ABO / Retrac</u>

CHEMICALS

<u>Kelsub Biocide Breaker</u>
<u>Acid-Inhibitor-Stim Oil</u>
<u>Fluid Loss control</u>

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
<u>PAD</u>	<u>30</u>	<u>12-16-20</u>			<u>1300</u>	BREAKDOWN <u>1800</u>
<u>16-30</u>		<u>20</u>	<u>5-1.0</u>			START PRESSURE
<u>12-20</u>		<u>20</u>	<u>1.0</u>			END PRESSURE
<u>12-20</u>		<u>20</u>	<u>1.5</u>	<u>1,500#</u>	<u>1500</u>	BALL OFF PRESS
<u>12-20 (3) + (3) balls</u>		<u>20</u>	<u>1.5</u>		<u>1750</u>	ROCK SALT PRESS
<u>12-20</u>		<u>19</u>	<u>1.0</u>		<u>2000</u>	ISIP <u>450</u>
<u>12-20</u>		<u>19</u>	<u>1.0</u>	<u>1,000#</u>		5 MIN
<u>12-20 (2)</u>		<u>18</u>	<u>1.0</u>		<u>2100</u>	10 MIN
<u>12-20 + (2)</u>		<u>17</u>	<u>1.0</u>	<u>500#</u>	<u>2200</u>	15 MIN
<u>12-20</u>		<u>17</u>	<u>1.5</u>	<u>1,000#</u>		MIN RATE
<u>FLUSH CASING</u>	<u>10</u>	<u>19</u>			<u>2050</u>	MAX RATE
<u>Release balls to T.D.</u>			<u>TOTAL</u>	<u>4,000#</u>		DISPLACEMENT <u>6.4</u>
<u>OVERFLUSH</u>	<u>8</u>	<u>20</u>	<u>SAND</u>		<u>1550-1600</u>	
<u>TOTAL BBL'S</u>	<u>120</u>					

REMARKS: * Hold safety - procedure
 Spotted 100 gal - 15% HCl acid on perfs - acidize @
 14-6 bpm w/ 150 gal - 15% HCl acid + (20) ballsealers
 staged thru-out acid pump till max ball-off psi achieved
 release balls to T.D. used 30 bbls * Several breaks
 Reloed 10 balls for trac
 location 1:30 PM - 2:45 PM 55 miles

AUTHORIZATION [Signature] TITLE _____ DATE 6-16-14

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 SWD or Enhr Fracturing Question 1	03/10/2014 No	06/18/2014 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/operatorEditDetail.cfm?docID=1173135	../../../../kcc/detail/operatorEditDetail.cfm?docID=1215958

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

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

CASING RECORD <input 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

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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input 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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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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	762-779	1000gals 15% HCL Acid w/NeFe	762-779

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 sx	Longstring Date:	11/27/2013

Driller's Log

Top	Bottom	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	Sand	Shaley, mostly shale, no oil show
395.5	398	Sand	Good oil show, good saturation
398	400	Sandy Shale	Mostly shale, no oil
400	403	Shale	
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', 760-761.5 good oil show

Run	Coring Footage	Rec.
1	391-411	20'
2	748-762	14'



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

Ticket Number 06259
 Location _____
 Foreman [Signature] #392

Acid Service Ticket

Date	Customer #	Well Name & Number	Sec./Township/Range	County
1/28/14		BLYTNE 2-1		BB
Customer		Mailing Address	City	State Zip
GRAND MESA				KS

Well Data		Truck #	Driver	Truck #	Driver
Casing Size	4 1/2	Total Depth	848	303/320	CLAYTON
Casing Weight	10.5	Plug Depth		144/150	ROCK
Tubing Size		Packer Depth			DANNY
Tubing Weight		Open Hole			
Perfs	762-779 68				
Break PSI	2250	Max PSI	2250		
Treat PSI	950	ISIP	500		
Quantity	Acid	Additives Used	Charge		
1	303	Pump Charge			
1000	15%	Acid with inhibitor			
		Mud Acid			
3		NE-320			
2		FSW-4100			
2		Iron Stay			
		Bachside			
		Clay Stay			
3		KCL			
1 1/2		Biocide			
		Gel			
		Breaker			
50	7/8 1.3%	Ball Sealers			
1		Ball Gun			
65	303	Pump truck Mileage			
1	320	Acid Transport			
		Acid Spotter			
65	392	Pickup Mileage			
		80 Vac			
4	144/150	Transport	BOB AT 80 VAC PRICE		
			Total		

Remarks: RIG UP TEST LINE TO 3000. LOAD 1.6 BBL PST UP 2250 WELL
 FEELS. EST. RATE 68GPM @ 750. 3 BBL ON START 1000 GAL 15%
 NE/FE HLL AND 50 BALLS. ACID ON PST DOWN 675. ACID OFF START
 FLUSH PST 500. 38 BBL ACID FLUSHED PST UP 575. SURGE BALLS
 AND OVER FLUSH 15 BBL. 53 TOTAL BBL ISIP 500.

Customer Signature