

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

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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		BLTYNE 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	[REDACTED]
1000	15%	Acid with inhibitor	[REDACTED]
		Mud Acid	[REDACTED]
3		NE-320	[REDACTED]
2		FSW-4100	[REDACTED]
2		Iron Stay	[REDACTED]
		Bachside	[REDACTED]
		Clay Stay	[REDACTED]
3		KCL	[REDACTED]
1 1/2		Biocide	[REDACTED]
		Gel	[REDACTED]
		Breaker	[REDACTED]
50	7/8 1.3%	Ball Sealers	[REDACTED]
1		Ball Gun	[REDACTED]
65	303	Pump truck Mileage	[REDACTED]
1	320	Acid Transport	[REDACTED]
		Acid Spotter	[REDACTED]
65	392	Pickup Mileage	[REDACTED]
		80 Vac	[REDACTED]
4	144/150	Transport BOD AT 80 VAC PRICE	[REDACTED]
Total			[REDACTED]

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