

McGown Drilling, Inc.
Mound City, Kansas

Operator:
Grand Mesa Operating Company
Wichita, KS

Blythe #5-6
Bourbon Co, KS
20-25S-22E
API: 011-24393

Spud Date:	11/18/2013	Surface Bit:	11"
Surface Casing:	8.625"	Drill Bit:	6.75"
Surface Length:	21.85'	Longstring:	842.0'
Surface Cement:	5 sx	Longstring Date:	11/21/2013

Driller's Log

Top	Bottom	Formation	Comments
0	3	Soil & Clay	
3	4	Lime	
4	14	Lime	
14	44	Shale	
44	45	Coal	
45	74	Shale	
74	78	Bl. Shale	
78	98	Shale	
98	108	Red Bed	
108	113	Shale	
113	128	Lime	
128	130	Bl. Shale	
130	138	Shale	
138	145	Red Bed	
145	158	Shale	
158	164	Sandy Shale	
164	206	Shale	
206	208	Coal	
208	213	Shale	
213	236	Lime	
236	238	Bl. Shale	
238	271	Shale	
271	273	Coal	
273	281	Shale	
281	299	Lime	20'
299	306	Shale	

Blythe #5-6
Bourbon Co., KS

306	310	Lime	5'
310	324	Shale	
324	327	Sand	Light odor, light oil show
327	354	Shale	
354	368	Sandy Shale	
368	400	Shale	
400	401	Coal	
401	421	Shale	
421	422	Lime	
422	450	Shale	
450	452	Coal	
452	455	Shale	
455	458	Sandy Shale	
458	474	Shale	
474	476	Coal	
476	478	Shale	
478	486	Sandy Shale	
486	493	Shale	
493	494	Coal	
494	506	Shale	
506	508	Coal	
508	530	Shale	
530	532	Coal	
532	558	Shale	
558	578	Sandy Shale	
578	608	Shale	
608	613	Sandy Shale	
613	674	Shale	
674	677	Coal	
677	722	Lime	Mississippian, oil show in the top
722	798	Lime	Harder than above
798	799	Shale	
799	882	Lime	
882		TD	

Run	Coring Footage	Rec.
1	326-346	19'
2	679-689	10'



CONSOLIDATED
Oil Well Services, LLC

264269

TICKET NUMBER 44901
LOCATION Oklahoma KS
FOREMAN Fred Maden

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/21/13	3372	Blythe # 5-6	20	25	20	BB
CUSTOMER			TRUCK #			
Grand Mesa			DRIVER			
MAILING ADDRESS			TRUCK #			
1700 N Waterfront Pkwy			DRIVER			
CITY			TRUCK #			
Wichita			DRIVER			
STATE			TRUCK #			
KS			DRIVER			
ZIP CODE			TRUCK #			
67206			DRIVER			

JOB TYPE long string HOLE SIZE 6 1/4 HOLE DEPTH 650' CASING SIZE & WEIGHT 4 1/2
CASING DEPTH 842' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 4 1/2" Plug
DISPLACEMENT 13.4 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Hold crew safety meeting. Establish circulation. Mix Pump 100% Gel Flush. Pump 9 BBL Talltale dye. Mix Pump 117 sks 50/50 Poz Mix Cement 276 Gal 5% Salt. 5" Hal Seal / sk. Flush Pump & lines clean. Displace 4 1/2" Rubber plug to casing TD Pressure to 600* PSI. Release pressure to set float valve.

Water Muddy longer & baration.

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	[REDACTED]
5406	65 mi	MILEAGE	495	[REDACTED]
5402	842'	Casing Footage		[REDACTED]
5407	358.63	Ton Miles	510	[REDACTED]
5502E	7 hrs	80 BBL Vac Truck		[REDACTED]
5404	6 hrs	Stand by - 3 men x 2 hrs		[REDACTED]
1124	117 sks	50/50 Poz Mix Cement		[REDACTED]
118B	297 #	Premium Gel		[REDACTED]
111	226 #	Granulated Salt		[REDACTED]
1110A	585 #	Hal Seal		[REDACTED]
4404	1 - 4 1/2"	Rubber Plug		[REDACTED]
1124	1215	1 Gal KCL - ESA-55		[REDACTED]
				SALES TAX
				ESTIMATED
				TOTAL

Completed

Ravin 3737

AUTHORIZATION R.A. Spriggs TITLE consultant DATE _____
8M66KS

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



CONSOLIDATED
Oil Well Services, LLC

264494

TICKET NUMBER **48827**

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

LOCATION Thayer, ks

FIELD TICKET

DATE 12-3-13	CUSTOMER ACCT # 3372	WELL NAME Blythe 5-6	QTR/QTR	SECTION 20	TWP 25	RGE 22	COUNTY Boutbon	FORMATION Miss chert
CHARGE TO GRAND MESA				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5303	1	PUMP CHARGE Acid Pump	[REDACTED]	[REDACTED]
3107	5.00 Gal	HCL Acid 15%	[REDACTED]	[REDACTED]
3166	1.25 Gal	Inhibitor	[REDACTED]	[REDACTED]
12753 3175B	2.50 Gal	Stim oil	[REDACTED]	[REDACTED]
3138	1.25 Gal	ESA-90	[REDACTED]	[REDACTED]
3171	2.0 Gal	ESA-91	[REDACTED]	[REDACTED]
5604	1	FRAC VALVE	[REDACTED]	[REDACTED]
5311	1	Ball INJECTOR	[REDACTED]	[REDACTED]
4326	25	Ball sealers	[REDACTED]	[REDACTED]
3129	800 gal	CITY WATER	[REDACTED]	[REDACTED]
3172A	1 Gal	Kcl	[REDACTED]	[REDACTED]
3144	.5 Gal	CLAY STAY	[REDACTED]	[REDACTED]
		BLENDING & HANDLING		
		TON-MILES		
		STAND BY TIME		
5306	63 miles	MILEAGE mobilization P RECALLED.	[REDACTED]	[REDACTED]
5501 A	3 hrs.	WATER TRANSPORTS	[REDACTED]	[REDACTED]
		VACUUM TRUCKS		
		FRAC SAND		
			7.15 SALES TAX	[REDACTED]

Flavin 2790

ESTIMATED TOTAL [REDACTED]

CUSTOMER or AGENTS SIGNATURE [Signature] COWS FOREMAN LAWSON Westlake

CUSTOMER or AGENT (PLEASE PRINT) _____ DATE 12-3-13

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.

HURRICANE SERVICES, INC.

WELL SERVICE DIVISION



Date 12-3-13 Rig # 707 CO. BB

Operator Brice Williams

Roust Gabe Hobbs

Company Grand 17esa

Roust Jeff Cummings

Lease Blythe

Well # 5-6 Old New X

Time Out 6:00am On 8:00am

Off 4:30pm In 6:00pm Total Hrs 12

Diameter	Quantity		
		Sucker Rods	
		Rod Subs	2' 4' 6' 8' 10'
		Pump Data (One Circle)	Size: 1 1/4" 1 1/2" 1 3/4" 1 25/32" 2" 2 1/4" Other: Type: Insert / Tubing Plunger: Cup Rings SPMTL BBL Length:
		Gas Anchor	Strainer: Size of G.A.
		Tubing	Size: Thread: #Jts:
		Tubing Subs	2' 4' 6' 8' 10' 10'
		Working Barrel	Size: Length: Set @:
		Mud Anchor	Plugged or Open: Length: Size:
		Seating Nipple	Length: Size:
		Packer/Anchor	Type: Size: Set @:
		Polish Rod	Length: Diameter:
		Polish Rod Liner	Length: Diameter: Type:

*****Indicate if what was ran in hole is different than what was removed*****

Rod Break:	# Down:	Body:	Box:	Other:
Tbg Leak:	# Down:	Split:	Hole:	Collar Leak:
Scale:	Pitting:	Corrosion:	Misc:	

Tubing # of Trips <input type="radio"/>		Motel and Per Diem: # of Nights		# of Men		Y / N		Handling Sub for Drill Collars	
Y / N	Tongs - Trips:	Y / N	Extra Wash Head Rubber-Qty:	Y / N	Drill Collars 3 1/8" - Qty:	Y / N		Y / N	Bumper Sub 3 1/8"
Y / N	Casing Tongs - Trips:	Y / N	Sand Hog Bailer Per Well	Y / N	Bridge Plug & Packer 4 1/2"	Y / N		Y / N	Bridge Plug & Packer 5 1/2"
Y / N	Paint	Y / N	Wash Head & Stripping Rubber	Y / N	Power Swivel 730 731	Y / N		Y / N	Pipe Trailer 762 763
Y / N	Tubing Lube - Trips:	Y / N	Chickson and Hoses Per Well	Y / N	Turn Table - Hours:	Y / N		Y / N	Rod Fishing Tool Per Use
Y / N	Weight Indicator Per Well	Y / N	Standpipe and Kelly Hose Per Well	Y / N	Pressure Tester	Y / N		Y / N	Wedding Band
Y / N	Depthometer Per Well	Y / N	Impression Block Per Well	Y / N	Scrapers 4 1/2" Per Well	Y / N		Y / N	Scrapers 5 1/2" Per Well
Y / N	Casing Swab Jars/Equipment	Y / N	Scrapers 7" Per Well	Y / N	Carbide Bits 4 1/2" 5 1/2" Per Well	Y / N		Y / N	New Bit: 3 3/4" 3 7/8" 4 3/4" 4 7/8" 6 1/4" Per Well
Y / N	Tubing Swab Jars Per Well	Y / N	Used Bit: 3 3/4" 3 7/8" 4 3/4" 4 7/8" 6 1/4" Per Well	Y / N		Y / N		Y / N	Bailer Per Well
Qty: 10	Swab Cups: 5 1/2" 4 1/2" 2 7/8" 2 3/8"	Y / N		Y / N		Y / N		Y / N	
Y / N	100 BBL Swab Tank	Y / N		Y / N		Y / N		Y / N	
Y / N	Mud Mixing Tank Per Day	Y / N		Y / N		Y / N		Y / N	
Y / N	Oil Saver	Y / N		Y / N		Y / N		Y / N	
Qty: 0	Oil Saver Rubber (Extra)	Y / N		Y / N		Y / N		Y / N	
Y / N	Bailer Per Well	Y / N		Y / N		Y / N		Y / N	

Remarks: Drive to location held safety meeting. Rigid up to log well and set up swab equipment. Wait on logs to finish. Started swabbing well no kick back 4 15 min breaks. Acidized well let sit 30 mins started swabbing good oil show swabbed down let sit 15 mins started swabbing again. Swabbed well down reloaded tubing and rods. Shut down drive home. 1100 gal HCL acid and 25 ball stickers
15%

L.H. 12-9-13

