



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1173111
OIL & GAS CONSERVATION DIVISION

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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 III Approved by: _____ Date: _____

1173111

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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> <i>(Submit ACO-4)</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 5-6
Doc ID	1173111

All Electric Logs Run

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

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

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

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

