

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1202994

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:	SecTwpS. R 🔲 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	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.xxxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
□ Oil □ WSW □ SHOW □ 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:	Producing Formation: Elevation: Ground: Kelly Bushing: Feet Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
□ Commingled Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite:
GSW Permit #:	Cuerter See Two S R Total West
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSec. TwpS. 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 Approved by: Date:

Page Two



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.							
		tain Geophysical Data a r newer AND an image f		gs must be ema	iled to kcc-well-log	gs@kcc.ks.gov	. Digital electronic log
Drill Stem Tests Taken (Attach Additional S		Yes No			n (Top), Depth an		Sample
Samples Sent to Geol	ogical Survey	☐ Yes ☐ No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING	RECORD Ne	w Used			
		Report all strings set-o			on, 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 / SQL	EEZE RECORD	I	1	
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Po	ercent Additives	
Perforate Protect Casing Plug Back TD	тор вошот						
Plug Off Zone							
Does the volume of the to	•	n this well? aulic fracturing treatment ex submitted to the chemical o		Yes [Yes [Yes [No (If No, ski)	o questions 2 and question 3) out Page Three	
Shots Per Foot		N RECORD - Bridge Plug			cture, Shot, Cement		
S.13.6 Y 3. Y 33.	Specify Fo	ootage of Each Interval Perf	orated	(Ar	nount and Kind of Ma	terial Used)	Depth
TUBING RECORD: Size: Set At: Packer At: Liner Run:							
Date of First, Resumed	Production, SWD or ENH	IR. Producing Meth		Gas Lift C	other (Explain)		
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf Wate	er Bl	bls. G	ias-Oil Ratio	Gravity
				T.O.		DE 0-11-	
DISPOSITION Vented Sold	ON OF GAS: Used on Lease	Open Hole	METHOD OF COMPLE Perf. Dually		nmingled	PRODUCTIO	ON INTERVAL:
(Submit ACO-5) (Submit ACO (Submit ACO) (Submit ACO)			mit ACO-4)				

Form	ACO1 - Well Completion	
Operator	Grand Mesa Operating Company	
Well Name	BLYTHE 1-7	
Doc ID	1202994	

Tops

Name	Тор	Datum
Nuyaka Creek Shale	247	+823
Anna Shale	411	+659
Excello Shale	484	+586
V Shale	586	+484
Tebo Shale	669	+401
Riverton	832	+238
Mississippian	851	+219
LTD	962	

Form	ACO1 - Well Completion	
Operator	Grand Mesa Operating Company	
Well Name	BLYTHE 1-7	
Doc ID	1202994	

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	21	Portland	5	
Production	6.75	4.5	10.5	950	50/50 Pozmix		2%Gel, 5%Salt, .5 Kolseal



Operator:

Grand Mesa Operating Wichita, KS

Blythe #1-7

Bourbon Co., KS 7-25S-22E API: 011-24397

Spud Date: Surface Casing: 2/11/2014 8.625"

Surface Bit: 11" Drill Bit:

Surface Length:

21.30'

6.75" Longstring: 950.0

Surface Cement:

5 sx

Longstring Date: 2/17/2014

Longstring: 4 1/2" 10.5 lb.

Driller's Log

			, <u>_</u> g
Тор	Bottom	Formation	Comments
0	8	Soil & clay	
8	49	Lime	
49	53	Shale	
53	56	Lime	
56	66	Shale	
66	97	Lime	
97	99	Shale	
99	103	Lime	
103	109	Shale	
109	126	Lime	
126	129	Shale	
129	132	Lime	
132	143	Shale	
143	144	Lime	
144	174	Shale	
174	1 84	Lime	
184	237	Shale	
237	238	Coal	
238	255	Shale	
255	261	Lime	
261	269	Shale	
269	272	Lime	
272	279	Shale	
279	282	Lime	

Blythe #1-7

		Blythe	: #1-7
	000	Bourbon	Co., KS
282	288	Shale	
288	290	Lime	
290	293	Shale	
293	301	Lime	
301	308	Shale	
308	312	Lime	
312	329	Shale	Red Bed
329	332	Sand	White - no show
332	362	Sandy Shale	
362	389	Shale	
389	405	Lime	
405	406	Shale	
406	413	Lime	
413	420	Bl. Shale	
420	426	Shale	
426	428	Sandy Shale	
428	431	Lime	
	458	Shale	
431		Lime	20'
458	475		20
475	480	Shale	5 1
480	484	Lime	5'
484	495	Shale	
495	500	Sandy Shale	
500	542	Shale	
542	544	Coal	
544	584	Shale	
584	586	Lime	
586	588	Shale	
588	590	Coal	
590	609	Shale	
609	611	Coal	
611	637	Shale	•
637	646	Sandy Shale	
646	670	Shale	
670	674	Sand	No show
674	686	Shale	
686	698	Sandy Shale	
698	706	Shale	
706	764	Sandy Shale	
764	774	Sand	No show
774	777	Sand	Odor, very light oil show
777	809	Sandy Shale	• •
809	811	Coal	
	829	Shale	
811		Coal	
829	831		
831	837	Shale	

Blythe #1-7	
Bourbon Co., KS	

837 962	962	Lime TD	Mississippian - see below		
	Coring				
Run	Footage	Rec.			
1	842-862	20'			
2	862-882	20'			
837-842	Lime & cho	ert			
842-847	Lime with light oil saturation				
847-852	Lime with small sheen of oil				
852-857	Lime with light oil saturation				
857-860	Lime, hard, light oil saturation				
860-862	Lime, good break, well saturated				
862-TD	Lime, hard	l, no oil show			



26600

TICKET NUMBER_	42591
LOCATION 044	
	ed Madir

FIELD TICKET & TREATMENT REPORT

O Box 884, Cl	hanute, KS 6675 or 800-467-8676	20	IICKLI	CEMEN	1	•	•	
DATE	CUSTOMER#	WELL NA	ME & NUMB		SECTION	TOWNSHIP	RANGE	COUNTY
	<u> </u>	12) Jhe	On the	3 7-1	SW 7	2 5	aa	BB
<u> ス- / フ- / - </u> CUSTOMER	3372	1 V Y FISC			randing fall at the second			200
/3	and M	05a			TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRI	ESS			1	712	Fre Made		
1700	na (11a)	Lev Front R	KWY.		495	HarBec		
CITY .		STATE ZIF	CODE		675	Ki Dex		
w: chite	_	145 4	7206		548	Mik Haa		. <u> </u>
JOB TYPE La			3/4	HOLE DEPT	H <u>962</u>	CASING SIZE & W	/EIGHT <u>4を</u>	
CASING DEPTH		DRILL PIPE		TUBING			OTHER	
		SLURRY VOL		- WATER gal/	sk	CEMENT LEFT in	CASING	<u> </u>
SLURRY WEIG		_DISPLACEMENT P	SI ·	MIX PSI		RATE SBP	\sim	
DISPLACEMEN					tablish a	irculaxian.	_	-m/2
REMARKS:	~ .	w safety		BBL	Tellale	,	, ,	58 5K5
/004		·	7 - 4	0 0 - %	Salt 5 * Ki		Flos	
50/5) . 7-			4/2 Rubb		Cazina	
<u> </u>	p & I has) splas				oat Volvo	
Tre	ssure to	600 PS	(· <u>/</u> Co (ease p	1055 OTE	NO SET O	OUN VALLE	
Sho	1 m Co	51/4	<u> </u>		<u> </u>			
			<u> </u>		· ·			
				·		1 0 m	201	
m	e Goum	Drilling.		·		Tuck Phi	1000-	<u> </u>
A CCOUNT	Ţ ·			ESCRIPTION	of SERVICES or P	RODUCT	UNIT PRICE	TOTAL

ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUC	T	UNIT PRICE	TOTAL
5401	7	PUMP CHARGE	495		
5406	60 mi	MILEAGE	495		
5402	950	Casive footage			
-407A	440.82	Jon Miles	548		
57020	· */hrs	80 BBL Vac Truck	655		
3) 92					
1124	1585KS	50/50 Por Mix Cement			
11183	366#	Premione Col			
1111	3054	Grandlated Salt	· .		
11104	790#	Ka (Seal			
4464		4/2" Rubber Alig		 	
			<u></u>		
				omnintar	
			M	<u>,Ullibicici</u>	
	<u> </u>				
			7.15%	SALES TAX	
avin 3737				ESTIMATED. TOTAL	
	The second secon			TOTAL	

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.



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

Ticket Number_ Location_ Foreman

*39		Acid \$6	ervice Ticket			
Date	Customer#	Well Name &	Number	Sec./Town	County	
 	<u> </u>	BLYDE 1-7	,		BB	
3/10/14 Customer		Mailing Address		City	State KS	Zip
Grand	Well Data	l	Truck#	Driver	Truck#	Driver
			12 /2 1			

	Wel	l Data	Truck #	Driver	Truck#	Driver
Casing Slze		Total Depth	303/320	CLAYRY		
asing Weight		Plug Depth	1060	BRYAN		
Tubing Size		Packer Depth		FRIE		
Tubing Weigl	nt	Open Hole				
Perfs						
Break PSI		Max PSI				
Treat PSI		ISIP				
Quantity	Acid	Additives Used Charg		rge	<u>. </u>	
1	30.3	Pump Charge				
1000	152,	Acid with inhibator				
		Mud Acid				
3		NE-320				<u> </u>
Z		FSW-4100				
2		Iron Stay				
		Bachcide				
		Clay Stay				
1		KCL				
1/2		Biocide				
		Gel				
		Breaker				
50	7/8/35P	Ball Sealers				
1		Ball Gun				
25	303	Pump truck Mileage				
	320	Acid Transport				
		Acid Spotter				
25	17	Pickup Mileage				
21/4	106	80 Vac				
		Transport				
			1) 0 ~ 5			
	<u> </u>		*BID		Total	2/1-2

						1000	
omarke:	<i>p</i>	. D. P i	maca 155	NE/FE HU	AUG GO	as Able	1 ASC (A)
emarks.	416 m	Paris 1	COUNTY TOTAL				·
5777 S	ET AND	in Ren	2) 7/10 PSI	Punp 90) GAL 152	100/100	<u> </u>
500 0	1011 /GHI	42 601 604			- 	حصور الأمال	KALLE
10 12	CA BAUL	s BAUS o	S PSJ WA ,	zootse F	<u> </u>	> > C/2D &	-3761-3
<u> </u>	-		د داد د	100 45.5	5 KW 707	0,	
A~20 (nrette F	1-10 S. HEAL	<u>2. 13.17 - </u>	100 DO	- 1565		
			······································				

Customer Signature

(Rev. 1-2011)



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

TICKET NUMBER 58287

FIELD TICKET REF # 99117

LOCATION Thaver

FOREMAN That Phushu

TREATMENT REPORT FRAC & ACID

DATE	CUSTOMER#	WELL	NAME & NUMB	ER	SECTION	TOWNSHIP	RANGE	COUNTY
4-17-14	3372	プリナト	le 1-7		7	255	22	BB
CUSTOMER	1 1 1	***/			u u sa saa		alokatowa in the	aragina kangsil
Gran	nd Mes	a			TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE					476	Josh		
					490	Larry		
CITY		STATE	ZIP CODE		482	Mack		
					521	Eric		
					618T95	Joe		
(Age)	WELL	DATA			6797102	Junios		
CASING SIZE	4/2	TOTAL DEPTH			1	TYPE OF TR	REATMENT	p -
CASING WEIGH	Ť	PLUG DEPTH			Acidspot	+ Frac		
TUBING SIZE		PACKER DEPTH	}			CHEMI	CALS	
TUBING WEIGH	Τ .	OPEN HOLE			Kelsub-		Breaker	
PERFS & FORM	ATION	1			Acid-Ir	hibitor -	Stimoil	
763-	80 (35)	Bartles	ville		·			
								1.
	·					在等限多多国际	计多数图图 在 通过	
ST	AGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI		
PAD	1. 1	20	20			1/00	BREAKDOWN	<i>920()</i>
16.30		٠.	20	,5-1,0	3009	1050	START PRESSU	RE
12-20			20	1,0-,5		1800	END PRESSURE	1 1
12.20			20	1.0-1.5	17004		BALL OFF PRES	S
12-20 -	(10)		14-12	1.0		3000	ROCK SALT PRE	
12-20	***		12	1,0			ISIP 625	1056
12-20			12-14	1,5	12000#	2'500	5 MIN 425) //01
12-20	(1) Bull	>	14	,5			10 MIN423	> 1106
12-20	+0)	= 13	14.	1,0	$I_{\mu} \propto \Omega \Omega^{\mu}$	2700	15 MIN 4/8	ויוו בע
12-20	٠عي.٠		15	7,5	1,000#		MIN RATE	, -a
FLUSH	CASING	13	15			1700	MAX RATE	
Release	bellete	1.5.		TOTAL	6,000		DISPLACEMENT	1216
	FEUSH	1 /	15	SANI	† 7	1700	1.	
707	- PAI <	206	1/5	7 11 7 3 7		<u> </u>		
REMARKS:				<u> </u>		<u></u>		
Spotle	d 100 d 15% H	gg(-15% EL ()Cia	HCL ac	id or	perfs hell d	+ spea	chead a	200
								
Tocation	7 10:30	AM - 1	1:15AM			5	5: miles	
AUTHORIZATIO	the ed			TITLE			DATE	
Terms and C	onditions are	printed on rev	erse side.					