[redacted] 1262120

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
November 2016
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 9855
Name: Grand Mesa Operating Company
Address 1: 1700 N WATERFRONT PKWY BLDG 600
Address 2:
City: WICHITA State: KS Zip: 67206 + 5514
Contact Person: Michael J. Reilly
Phone: (316) 265-3000
CONTRACTOR: License # 5786
Name: McGown Drilling, Inc.
Wellsite Geologist: Steve Stribling
Purchaser: Coffeyville Resources

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☑ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ 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 EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

06/29/2015 Spud Date or Recompletion Date
07/02/2015 Date Reached TD
07/16/2015 Completion Date or Recompletion Date

API No.: 15-045-22274-00-00
Spot Description:
__ - __ - SW - SW Sec. 19 Twp. 14 S. R. 21 ☑ East ☐ West
660 Feet from ☐ North / ☑ South Line of Section
660 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Douglas
Lease Name: CRETEN Well #: 14-3
Field Name: Chanay
Producing Formation: Squirrel
Elevation: Ground: 1049 Kelly Bushing: 1054
Total Vertical Depth: 862 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 40 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: 0 ppm Fluid volume: 0 bbls
Dewatering method used: Evaporated
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: 10/14/2015
☑ **Confidential Release Date:** 10/13/2017
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☐ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 10/14/2015

[redacted]

1262120

Operator Name: Grand Mesa Operating Company Lease Name: CRETEN Well #: 14-3

Sec. 19 Twp. 14 S. R. 21 ☑ East ☐ West County: Douglas

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 *(Attach Additional Sheets)*	☐ Yes	☑ No
Samples Sent to Geological Survey	☑ Yes	☐ No
Cores Taken	☑ Yes	☐ No
Electric Log Run	☐ Yes	☑ No
Geolgist Report / Mud Logs	☐ Yes	☐ No

List All E. Logs Run:

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Gamma Ray Neutron only	N/A	N/A

CASING RECORD ☑ New ☐ 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
Surface	11	7	17	40	Portland	8	None
Production	6.125	2.875	6.5	850	50/50 Pozblend	151	2%Gel,5%Salt

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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: 07/16/2015

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	1	0	1		

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
809-817	

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

TUBING RECORD: Size: 2.875 Set At: 850 Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	CRETEN 14-3
Doc ID	1262120

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	11	7	17	40	Portland	8	None
Production	6.125	2.875	6.5	850	50/50 Pozblend	151	2%Gel,5% Salt

McGOWN DRILLING, INC.

Operator:
Grand Mesa Operating Co.
Wichita, KS

Creten #14-3i

Douglas Co., KS
19-14S-21E
API: 045-22274

Spud Date:	6/29/2015	**Surface Bit:**	11.0"
Surface Casing:	7.0"	**Drill Bit:**	6.125"
Surface Length:	40.0'	**Longstring:**	849.95'
Surface Cement:	8 sx	**Baffle:**	840.0'
Longstring:	2 7/8 EUE - new	**Longstring Date:**	7/2/2015

Driller's Log

Top	Bottom	Formation	Comments
0	6	Soil & clay	
6	9	Lime	
9	38	Sandy shale	
38	45	Lime	
45	92	Shale	
92	173	Sandy shale	
173	180	Lime	
180	192	Shale	
192	208	Lime	
208	218	Shale	
218	225	Lime	
225	233	Shale	
233	272	Lime	
272	278	Shale	
278	288	Lime	
288	354	Shale	
354	360	Lime	
360	364	Shale	
364	382	Lime	
382	395	Shale	
395	405	Lime	
405	431	Shale	
431	447	Lime	
447	462	Shale	

913.795.2259 office
620.224.7406 Chris' cell mcgowndrilling@gmail.com PO Box KMound City, KS

462	486	Lime	
486	495	Shale	
495	521	Lime	
521	524	Bl. Shale	
524	527	Lime	
527	531	Shale	
531	538	Lime	
538	696	Shale	
696	700	Lime	
700	706	Shale	
706	712	Lime	
712	716	Shale	
716	722	Lime	
722	728	Shale	
728	738	Lime	
738	750	Shale	
750	754	Lime	
754	757	Shale	
757	775	Lime	
775	778	Bl. Shale	
778	795	Shale	
795	797	Bl. Shale	
797	800	Shale	
800	805	Lime	
805	808	Shale	
808	814	Sand	Good oil show, good bleed in core
814	817	Sandy shale	Spotty bleed
817	862	Shale	
862		**TD**	

Coring

Run	**Footage**	**Rec.**	
1	808-808	0	Plugging up immediately with muck
2	808-817	9'	
3			

CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 49699
LOCATION Ottawa, KS
FOREMAN Casey Kennedy

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
7/2/15	3372	Creten # 14-3	SW 19	14	21	DG

CUSTOMER: Grand Mesa
MAILING ADDRESS: 1700 N Waterfront Pkwy
CITY: Wichita | STATE: KS | ZIP CODE: 67206

TRUCK #	DRIVER	TRUCK #	DRIVER
729	Cas Ken	✓ Safety	Meeting
467	Kei Car	✓	
578	Arl McD	✓	
369	Mik Haa	✓	

JOB TYPE long string | HOLE SIZE 6 1/2" | HOLE DEPTH 3262' | CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 850' | DRILL PIPE | ~~TUBING~~ baffle - 840' | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 10'
DISPLACEMENT 4.86 bbls | DISPLACEMENT PSI | MIX PSI | RATE 4 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 200 # Gel followed by 5 bbls fresh water, mixed & pumped 151 sks 50/50 Pozblend cement w/ 2% gel, 5% Salt, & 5 # Kolseal per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to baffle w/ 4.86 bbls fresh water, pressured to 800 PSI, ~~released pressure~~, well held pressure for 30 min W.I.T, released pressure, shut in casing.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE		
CE0002	25 mi	MILEAGE		
CE0711	min	ton mileage		
WE0853	2 hrs	80 Vac		
		trucks		
		subtotal		
CC5840	151 sks	50/50 Pozblend		
CC5960	454 #	Gel		
CC5320	317 #	Salt		
CC6077	755 #	Kolseal		
CP8176	1	2 1/2" rubber plug		
		materials		
		subtotal		
			SALES TAX	
			ESTIMATED TOTAL	

Ravin 3737

AUTHORIZTION No Rep TITLE DATE

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

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

1st well 8/10

TICKET NUMBER 61017
FIELD TICKET REF # 51027
LOCATION Thayer
FOREMAN Gary Wikel

TREATMENT REPORT
FRAC & ACID

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-7-15	3372	Crettner 14-3	19	14	22	DG

CUSTOMER: Grand Mesa
MAILING ADDRESS:
CITY: | STATE: | ZIP CODE:

Safety Meeting Attendees

TRUCK #	DRIVER	TRUCK #	DRIVER
754	Josh		Joe
745	Trammas		
482	Marcus		
424	James		
735/T221	George		
442	Brian		

WELL DATA

CASING SIZE 2½	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
809-17 (17)	

TYPE OF TREATMENT: ABO/Fracture

CHEMICALS

5500 gals
40 sks

City Water	100 15% HCL Acid
KCL Sub	Inhibitor
20# Gel/Breaker	Max sol
Biocide	

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
Pad						BREAKDOWN 1600
16/30				300		START PRESSURE
12/10				1700		END PRESSURE
12/20 3+3+1 balls (7)				|		BALL OFF PRESS 4000
12/10				2000		ROCK SALT PRESS
Flush out	10					ISIP 550
Release - pump - release						5 MIN
Overflush	5					10 MIN
						15 MIN
						MIN RATE
Totals	120			4000		MAX RATE
						DISPLACEMENT

REMARKS: Breakdown w/ water - Establish rate 4 bpm - 100 acid w/ 26 ballsealers - Flush to perfs - release - Overflush 5 bbl - release - proceed to fracture

AUTHORIZATION ______ TITLE ______ DATE ______

Terms and Conditions are printed on reverse side.