CORRECTION #1 [redacted]

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1252279

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 # 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: Kent Matson
Purchaser: Coffeyville Resources

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 #:

11/11/2014	11/14/2014	11/25/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-045-22242-00-00
Spot Description:
N2 - SE - NE - NE Sec. 22 Twp. 14 S. R. 20 ☑ East ☐ West
825 Feet from ☑ North / ☐ South Line of Section
330 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: SMITH Well #: 3-15
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 888 Kelly Bushing: 892
Total Vertical Depth: 782 Plug Back Total Depth: 768
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: 03/09/2015
☑ **Confidential Release Date:** 03/08/2017
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 05/15/2015

CORRECTION #1
Page Two

[redacted]

1252279

Operator Name: Grand Mesa Operating Company Lease Name: SMITH Well #: 3-15

Sec. 22 Twp. 14 S. R. 20 ☑ 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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☑ Yes ☐ No

Electric Log Run ☐ Yes ☑ No

List All E. Logs Run:

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

Name Top Datum

No electric logs ran only Gamma Ray

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	768	50/50 Pozmix	124	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	-			
	-			

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 *(Amount and Kind of Material Used)*	Depth
2	688-697	175gals 15% HCL Acid	688-697
		300# 16/30 Brown Sand	
		3700# 12/20 Brown Sand	
		6,000gals City Water	

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:
	2.875	768		☐ 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:

☐ 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)*

☑ Other *(Specify)* T/A 5/11/2015

PRODUCTION INTERVAL:

688-697

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	SMITH 3-15
Doc ID	1252279

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	768	50/50 Pozmix	124	2%Gel,5% Salt

Summary of Changes

Lease Name and Number: SMITH 3-15

API/Permit #: 15-045-22242-00-00

Doc ID: 1252279

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	03/09/2015	05/15/2015
Method Of Completion - Other	No	Yes
Method Of Completion - Other Detail		T/A 5/11/2015
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1245067	../../kcc/detail/operatorEditDetail.cfm?docID=1252279
Temporarily Abandoned	No	Yes

Confidentiality Requested:
☑ Yes ☐ No

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1245067

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 # 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: Kent Matson
Purchaser: Coffeyville Resources

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 #:

11/11/2014	11/14/2014	11/25/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-045-22242-00-00
Spot Description:
N2 - SE - NE - NE Sec. 22 Twp. 14 S. R. 20 ☑ East ☐ West
825 Feet from ☑ North / ☐ South Line of Section
330 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: SMITH Well #: 3-15
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 888 Kelly Bushing: 892
Total Vertical Depth: 782 Plug Back Total Depth: 768
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: 03/09/2015
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 03/09/2015

Operator Name: Grand Mesa Operating Company Lease Name: SMITH Well #: 3-15

Sec. 22 Twp. 14 S. R. 20 ☑ 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
Geologist Report / Mud Logs	☐ Yes	☐ No

List All E. Logs Run:

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

Name	Top	Datum
No electric logs ran only Gamma Ray		

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	768	50/50 Pozmix	124	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:	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:	METHOD OF COMPLETION:	PRODUCTION INTERVAL: Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	688-697	

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)*
2					175gals 15% HCL Acid
					300# 16/30 Brown Sand
					3700# 12/20 Brown Sand
					6,000gals City Water

TUBING RECORD:	Size:	Set At:	Packer At:	
	2.875	768		

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

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	SMITH 3-15
Doc ID	1245067

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
2	688-697	175gals 15% HCL Acid	688-697
		300# 16/30 Brown Sand	
		3700# 12/20 Brown Sand	
		6,000gals City Water	

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	SMITH 3-15
Doc ID	1245067

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	768	50/50 Pozmix	124	2%Gel,5% Salt

McGOWN DRILLING, INC.

Operator:
Grand Mesa Operating Co.
Wichita, KS

Smith #3-15

Douglas Co., KS
23-14S-20E
API: 045-22242

Spud Date:	11/11/2014	**Surface Bit:**	11.0"
Surface Casing:	7.0"	**Drill Bit:**	6.125"
Surface Length:	40.0'	**Longstring:**	768.40'
Surface Cement:	8 sx	**Longstring Date:**	11/14/2014
Longstring:	2 7/8 EUE - New Ltd. Service		

Driller's Log

Top	Bottom	Formation	Comments
0	28	Soil & clay	
28	36	Shale	
36	45	Lime	
45	56	Shale	
56	70	Lime	
70	73	Shale	
73	77	Lime	
77	79	Bl. Shale	
79	86	Shale	
86	92	Lime	
92	97	Shale	
97	100	Lime	
100	114	Sandy shale	
114	124	Shale	
124	133	Lime	
133	151	Sandy shale	
151	171	Lime	
171	224	Shale	
224	228	Lime	
228	242	Shale	
242	258	Lime	
258	272	Shale	
272	275	Red Bed	
275	291	Lime	

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

291	293	Bl. Shale	
293	317	Shale	
317	329	Lime	
329	339	Shale	
339	367	Lime	
367	371	Shale	
371	378	Sandy shale	
378	391	Lime	
391	399	Bl. Shale	
399	403	Lime	
403	409	Shale	
409	413	Lime	
413	552	Shale	
552	557	Red Bed	
557	587	Shale	
587	598	Lime	
598	631	Shale	
631	646	Lime	
646	665	Shale	
665	668	Lime	
668	677	Shale	
677	679	Lime	
679	686	Shale	
686	687	Sand	Laminated, mostly shale, lens of oil sand
687	688	Sand	Very shaley, no oil
688	689	Sand	Dark sand, light oil show
689	697	Sand	Mostly shale, no show
697	708	Shale	
708	712	Sand	Light bleed to the pit
712	722	Sandy shale	Mucky, no show
722	750	Shale	
750	754	Bl. Shale	
754	758	Sand	No show
758	762	Sandy shale	Mucky, no show
762	776	Sand	Dark, dead oil
776	778	Coal	
778	782	Shale	
782		**TD**	

Coring

Run	Footage	Rec.
1	682-686	20'
2	686-702	16'

CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 50667
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
11/14/14	3372	Smith # 3-15	NE 22	14	20	DG

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

TRUCK #	DRIVER	TRUCK #	DRIVER
729	Cal Cox	✓ Safety	Meeting
606	Mac Mac	✓	
558	Bro Bic	✓	
370	Mike Fox	✓	

JOB TYPE long string | HOLE SIZE 6 3/4" | HOLE DEPTH 782' | CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 768' | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING
DISPLACEMENT 4.45 bbls | DISPLACEMENT PSI | MIX PSI | RATE 4.5 bpm

REMARKS: Held safety meeting, established circulation, mixed & pumped 200 # Premium Gel followed by 5 bbls fresh water, mixed & pumped 124 sks 50/50 Pozmix cement w/ 2% gel, 5% salt, & 5 # Kolseal per sk, cement to surface, flushed pump clean, pumped 2 ½" rubber plug to casing TD w/ 4.45 bbls fresh water, pressured to 800 PSI, released pressure, shut in casing.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	25 mi	MILEAGE		
5402	768'	casing footage		
5407	minimum	ton mileage		
5502C	2 hrs	80 Vac		
1124	124 Sks	50/50 Pozmix cement		
1118B	408 #	Premium Gel		
1111	260 #	Salt		
1110A	620 #	Kolseal		
		materials		
		subtotal		
4402	1	2½" rubber plug		
			SALES TAX	
			ESTIMATED TOTAL	

Ravin 3737

AUTHORIZTION No Co. Rep. on location 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

#6

TICKET NUMBER 59927
FIELD TICKET REF # 501 91
LOCATION Thayer, KS
FOREMAN Lawson Wesselink

TREATMENT REPORT
FRAC & ACID

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-25-14	3372	Smith 3-15				

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

TRUCK #	DRIVER	TRUCK #	DRIVER
524	Travis	582	Matt
458	Tim		
521	Eric		
650 T221	STAN		
619 T90	James		
735 T91	George		

WELL DATA

CASING SIZE 2 7/8	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
488-92	
	19

TYPE OF TREATMENT
SAT - ABO. Frac

CHEMICALS

Acid 175 gals 15% HCL	Frac Gel
Inhib	Kcl
Stim	Biocide
City Water 6,000 gals	Breaker

STAGE	BBLS. PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
PAD	15	16				BREAKDOWN 2150
16/30	300#					START PRESSURE
12/20	3700#					END PRESSURE
12/20						BALL OFF PRESS 300
						ROCK SALT PRESS
Ball sealers - None per Chris						ISIP 600
						5 MIN
						10 MIN
						15 MIN
						MIN RATE
Flush	10					MAX RATE
Release Balls						DISPLACEMENT
Over Flush	10	V				4.0 BPM
Total Water	130					

REMARKS:
Spotted 50 gal over perfs, good Ball off.
20 Isalls in ABO. per Chris.

AUTHORIZATION _____ TITLE _____ DATE 11-25-14

Terms and Conditions are printed on reverse side.