Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1242675

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.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW ☐ Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
☐ CM (Coal Bed Methane) ☐ Cathodic ☐ Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
	If yes, show depth set:Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from:
Operator:	
Well Name:	feet depth to: sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls
☐ Commingled Permit #: ☐ Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Education of haid disposal if hadied offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date Recompletion Date	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 I II Approved by: Date:

1242675

No. Twp. S. R.	Operator Name:			Lease Name: _			Well #:	
open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrocataic pressures, bottom hole temperature, fluid recovery, and flow rates if gets to surface lest, along with final further). Attach of an abroad if more space is mereded. Final Radioachity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kec-well-logs 6koc.ks.gov. Digital electronic log fless must be submitted in LAS version 2.0 or never AND an image file (TIFF or PDF). Drill Stem Tasks Taken	Sec Twp	S. R [East West	County:				
Dill Stom Tests Takon	open and closed, flowing and flow rates if gas to Final Radioactivity Log,	ng and shut-in pressur surface test, along wit , Final Logs run to obt	res, whether shut-in pre th final chart(s). Attach ain Geophysical Data a	essure reached stati extra sheet if more and Final Electric Lo	c level, hydrosta space is neede	tic pressures, t d.	pottom hole tempe	erature, fluid recovery,
Samples Sent to Geological Survey	— — — — — — — — — — — — — — — — — — —	III LAS VEISIOII 2.0 OI	Tiewer AND arrimage					
Samples Sent to Geological Survey Yes No Crest Taken Yes No Electric Log Run		neets)	Yes No			on (Top), Depth		
Electric Log Run: List All E. Logs Run:	Samples Sent to Geolo	gical Survey	☐ Yes ☐ No	Ivam	е		юр	Datum
CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String								
Report all strings sel-conductor, surface, intermediate, production, etc. Purpose of String	List All E. Logs Run:							
Report all strings sel-conductor, surface, intermediate, production, etc. Purpose of String								
Purpose of String								
ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose:		0: 11.1					" 0 1	T 15 .
Purpose:	Purpose of String							
Purpose:								
Purpose:								
Purpose:								
Purpose:								
Perforate Protect Casing Protect Casing Plug Back TD Plug Off Zone Did you perform a hydraulic fracturing treatment on this well? Did you perform a hydraulic fracturing treatment on this well? Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? yes No			ADDITIONAL	. CEMENTING / SQL	JEEZE RECORD			
Protect Casing Plug Back TD Plug Off Zone Did you perform a hydraulic fracturing treatment on this well? Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes			Type of Cement	# Sacks Used		Type an	d Percent Additives	
Did you perform a hydraulic fracturing treatment on this well? Did you perform a hydraulic fracturing treatment on this well? Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Protect Casing							
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?								
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?								
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?		_						nd 3)
Shots Per Foot			-	-				of the ACO-1)
Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) 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 Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL: (Submit ACO-4)								
Date of First, Resumed Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Lift Other (Explain) Estimated Production Per 24 Hours DISPOSITION OF GAS: Vented Sold Used on Lease Open Hole Perf. Dually Comp. (Submit ACO-4) (Submit ACO-4)	Shots Per Foot							
Date of First, Resumed Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Lift Other (Explain) Estimated Production Per 24 Hours DISPOSITION OF GAS: Vented Sold Used on Lease Open Hole Perf. Dually Comp. (Submit ACO-4) (Submit ACO-4)								
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Date of First, Resumed Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Lift Other (Explain) Estimated Production Per 24 Hours DISPOSITION OF GAS: Vented Sold Used on Lease Open Hole Perf. Dually Comp. (Submit ACO-4) (Submit ACO-4)	TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes	No	
Flowing	Date of First Resumed P	roduction SWD or ENH	3. Producing Meth	nod:			-	
Per 24 Hours DISPOSITION OF GAS: WETHOD OF COMPLETION: PRODUCTION INTERVAL: PRODUCTION INTERVAL: PRODUCTION INTERVAL: Open Hole Perf. Dually Comp. (Submit ACO-4) (Submit ACO-4)	Sate of Free Free Free Free Free Free Free Fre				Gas Lift 0	Other (Explain)		
Vented Sold Used on Lease Open Hole Perf. Dually Comp. (Submit ACO-4)		Oil Bb	ols. Gas	Mcf Wat	er B	bls.	Gas-Oil Ratio	Gravity
Vented Sold Used on Lease Open Hole Perf. Dually Comp. (Submit ACO-4)	DICTORITION	N OF OAC	· .	AETHOD OF COME	TION		DD05:107:1	NALIAITED (A)
(Submit ACO-5) (Submit ACO-4)						mmingled	PRODUCTIO	ли INTERVAL:
(ii veneu, outsine Acc 16.) Other (Specify)			Other (Specify)					

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	SCHMIDT 13-15
Doc ID	1242675

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	11	7	17	40	Portland	8	None
Production	6.125	2.875	6	760	50/50 Pozmix	129	2%Gel,5% Salt,5#Kol seal



Operator:

Grand Mesa Operating Co. Wichita, KS

Schmidt 13-15

Douglas Co., KS 15-14S-20E API: 045-22248

 Spud Date:
 11/24/2014
 Surface Bit:
 11.0"

 Surface Casing:
 7.0"
 Drill Bit:
 6.125"

 Surface Length:
 40
 Longstring:
 760.0'

 Surface Cement:
 8 sx
 Longstring Date:
 11/26/2014

Longstring: 2-7/8EUE

Driller's Log

		2	9
Top	Bottom	Formation	Comments
0	18	Soil & clay	
18	24	Shale	
24	40	Lime	
40	55	Sandy shale	
55	65	Lime	
65	73	Sandy shale	
73	81	Shale	
81	88	Lime	
88	92	Shale	
92	95	Lime	
95	114	Sandy shale	
114	145	Shale	
145	147	Lime	
147	160	Shale	
160	162	Lime	
162	225	Shale	
225	238	Lime	
238	245	Shale	
245	251	Lime	
251	272	Shale	
272	278	Lime	
278	290	Shale	
290	296	Lime	
296	325	Shale	

Schmit 13-15

		Dougla	s Co., KS
325	353	Lime	
353	357	Bl. Shale	
357	363	Shale	
363	394	Lime	
394	396	Bl. Shale	
396	418	Lime	
418	530	Shale	
530	537	Sandy shale	
537	555	Shale	
555	559	Lime	
559	575	Sandy shale	light oil bleed bottom, mostly odor
575	581	Lime	
581	586	Shale	
586	590	Lime	
590	600	Bl. Shale	
600	608	Lime	
608	620	Shale	
620	623	Lime	
623	627	Bl. Shale	
627	646	Lime	
646	656	Shale	
656	658	Bl. Shale	
658	660	Shale	
660	663	Lime	
663	669	shale	
669	672	Bl. Shale	
672	684	Shale	
684	690	Sand	Laminated, shows fair oil, great bleed @ 688-689
690	782	Shale	
782		TD	

	Coring	
Run	Footage	Rec.
1	679-699	20
2		
3		



LOCATION Chang ts

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

FIELD TICKET & TREATMENT REPORT

520-431-9210 (or 800-467-8676			CEMEN				
DATE	CUSTOMER#	WELL	NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY
11/26/14	3372	Schmic	H # 13-	15	5E 15	14	20	DG
CUSTOMER			VI VI					
Grand	Mesa			1	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	SS				729	Casten	2 Satety	Ucehha
1700 K	1. waterfra	at Ruy			le lob	Kei Car	/	
CITY		STATE	ZIP CODE	1	228	BroBir	/	
Widnita		KS	67206		370	Wir For	/	
JOB TYPE			6/8"	HOLE DEPTH	700	CASING SIZE & V	VEIGHT & P4	EUF
			218	-		CASING SIZE & T	OTHER	
CASING DEPTH		DRILL PIPE		_TUBING				
SLURRY WEIGH	A 4 4	SLURRY VOL_		WATER gal/s	sk	CEMENT LEFT in		
DISPLACEMENT	4.40608	DISPLACEMEN	T PSI	MIX PSI		RATE 4.5 h		
REMARKS: LE	ld satisfy	nacting,	establish	ned circ	My morkal	rived to	unped 20	30 # Gel
Dlowed	by 10 hbl	s vesti	voter, u	woods	toumped	129 3/5	120 193N	lix,
cellient	-w/29	ael 5	o salt.	45#	Edsealp	er sk re	usent to	surface,
Aushad &	vous clea		ed 2/8	" relaber	plug to	asing Th	W/ 4.40	465
trach wa	ter press	7	MO P		1-10	suce She	it in as	ine.
11 40 12342	10	NEU IV	010			, ,		
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							1 1	
							71/	
ACCOUNT	QUANITY	or UNITS	DE	SCRIPTION o	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
CODE		The state of the s				- A		
5401	05-		PUMP CHARG	<u> </u>				
5406	25 m		MILEAGE	0.				-
5402	740		Casing	tootage				_
5407	unni	MULL	Jen u	ripace	-			
STOAC	2 hr	6	to Va					
03000								
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1.54	. 20	W	700 5	>			<u>L</u>	
1134	129	X's	3750 1	DEMMA	coment			
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1/11	271	#	Salt					
IIIOA		ŧ-	Volsael	2				
IIIOA	10 15		10000		nate	1/0	†	
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			+					4
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						_	SALES TAX	
Ravin 3737		14.4	4.5				ESTIMATED	T
	1110	,	4				TOTAL	
AUTHORIZTION	No Co P	ep on long	ction_	TITLE			DATE	



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

2ndwell

FIELD TICKET REF# 50345

LOCATION I DOYCO

FOREMAN DOWN PROBLEM

TREATMENT REPORT

16-30 12-20 12-20 12-20 13-20	DRIVER
TRUCK # DRIVER TRUCK # TRUCK # DRIVER TRUCK # TSQ JOSA TSQ JOSA TRUCK # DRIVER TRUCK # TSQ JOSA TRUCK # DRIVER TRUCK # TRUCK # DRIVER TRUCK # TSQ JOSA TRUCK # DRIVER TRUCK # TSQ JOSA TRUCK # DRIVER TRUCK # TSQ JOSA TRUCK # DRIVER TRUCK # TRUCK # DRIVER TRUCK # TSQ JOSA TRUCK # DRIVER TRUCK # TSQ JOSA TRUCK # DRIVER TRUCK # TRUCK # DRIVER TRUCK # TSQ JOSA TRUCK # DRIVER TRUCK # TSQ JOSA TRUCK # DRIVER TRUCK # DRIVER TRUCK # TRUCK # DRIVER TRUC	DRIVER
TRUCK# DRIVER TRUCK# 754 JOSA MAILING ADDRESS CITY STATE ZIP CODE WELL DATA CASING SIZE TOTAL DEPTH TOTAL DEPTH TUBING SIZE 278 KUS PACKER DEPTH TUBING SIZE 278 KUS PACKER DEPTH TUBING WEIGHT PERFS & FORMATION STAGE BBL'S PUMPED BBL'S PUMPED POP PANT SAND / STAGE BBL'S PUMPED POP PANT SAND / STAGE POP PANT SAND / STAGE POP RESSURE BALL OF PRESSURE BALL OF PRESSURE BALL OF PRESSURE 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 13-10 10 MIN TRUCK# TRUCK# 754 754 754 754 755 TRUCK# 754 754 755 TRUCK# 754 755 TRUCK# 764 765 TRUCK# 765 TRUCK# 764 765 TRUCK# 765	DRIVER
MAILING ADDRESS TOTAL DEPTH CASING WEIGHT TUBING SIZE TOTAL DEPTH TUBING SIZE TOTAL DEPTH TUBING SIZE TOTAL DEPTH TUBING WEIGHT PLUG DEPTH TUBING WEIGHT PERFS & FORMATION STAGE BBL'S PUMPED PA STAGE BBL'S PUMPED 20 20 16-20 12-20 12-20 12-20 12-20 12-20 12-20 10 MIN TUBING WEIGHT TUBING WEIGHT PROPPANT SAND/STAGE PSI PNOPPANT SAND/STAGE SAND/STA	DRIVER
MAILING ADDRESS CITY STATE ZIP CODE 754 745 T.Stah 745 T.Stah 748 MELL DATA CASING SIZE TOTAL DEPTH CASING WEIGHT TUBING SIZE 27/8 SCUE PACKER DEPTH TUBING WEIGHT PERFS & FORMATION 68/-29 STAGE BBL'S PUMPED PAD 20 20 16-20 12-20 12-20 12-20 12-20 12-20 12-20 140 TYS TASIAN THE PROPANT SAND/STAGE PSI PROPPANT SAND/STAGE PSI PSI PSI PSI PSI PSI PSI PS	DRIVER
WELL DATA CASING SIZE TOTAL DEPTH CASING WEIGHT TUBING SIZE 27/5 XCUC PACKER DEPTH DPERFS & FORMATION STAGE BBL'S PUMPED PUMPED POPPANT P	
WELL DATA CASING SIZE TOTAL DEPTH CASING WEIGHT TUBING SIZE 27/8 FULL PACKER DEPTH TUBING SIZE 27/8 FULL PACKER DEPTH TUBING WEIGHT PERFS & FORMATION STAGE BBL'S PUMPED POPPANT PPG PAD 2() 20 159 16-30 12-20 13-10 14-10 158 TOTAL DEPTH SOST 106 TYPE OF TREATMENT ACID STOR HCL TYPE OF TRE	
WELL DATA CASING SIZE TOTAL DEPTH CASING WEIGHT PLUG DEPTH TUBING SIZE 278 SEUS PACKER DEPTH TUBING WEIGHT OPEN HOLE PERFS & FORMATION STAGE BBL'S PUMPED PA 20 20 1570 HCL TYPE OF TREATMENT ACID STOCK CHEMICALS KCLSUB BIOGGE - BCCAKEC ACID TIMINISTS - DTIME ACID TIMINISTS - DTIME STAGE BBL'S PUMPED PPG PA 20 20 1570 HCL TYPE OF TREATMENT ACID STAGE PSI PCA PPG PPG PPG PPG PPG PPG PPG	
WELL DATA CASING SIZE CASING WEIGHT CASING WEIGHT PLUG DEPTH TUBING SIZE 27/8 SCUC PACKER DEPTH TUBING WEIGHT PERFS & FORMATION STAGE BBL'S PUMPED POPPANT PPG PAD 2() 20 15-1,0 15-20 PACKER DEPTH PROPPANT PPG PROPPANT PROPPANT PPG PROPPANT PPG PAD 2() 20 15-1,0 15-1,0 15-2,0 PROPPANT PROPPANT PROPPANT PROPPANT PROPPANT PPG PAD 2() 20 15-1,0 15-1,0 16-20 17-20 PROPESSURE BALL OFF PRESS BALL OFF PRESS ROCK SALT PRESS IND PRESS PROPPANT PROPPANT PROPPANT PROPPANT PPG PAD 20 15-1,0 16-20 17-20 PROPPANT PROPPANT PROPPANT PROPPANT PPG PROPPANT PROPPANT PPG PPG PPG PPG PPG PPG PPG P	The same
CASING SIZE CASING SIZE TOTAL DEPTH CASING WEIGHT PLUG DEPTH TUBING SIZE 27/8 SEUG PACKER DEPTH TUBING WEIGHT OPEN HOLE PERFS & FORMATION STAGE BBL'S PUMPED POPPANT PPG POPPANT PPG SAND/STAGE PSI PPG STAGE BBL'S PUMPED 20 3-1,0	***************************************
CASING SIZE TOTAL DEPTH CASING WEIGHT PLUG DEPTH TUBING SIZE 27/2 XCUC PACKER DEPTH TUBING WEIGHT PERFS & FORMATION STAGE BBL'S PUMPED 20 20 16-20 12-20 13-20 14-30 15-60 15-70 16-60 17-70 18-6	
STAGE BBL'S PUMPED BBL'S PUMPED 20 13-10 300 300 300 300 300 300 3	- Value
TUBING SIZE 27/8 SEUS PACKER DEPTH TUBING WEIGHT PERFS & FORMATION STAGE BBL'S PUMPED POPPANT PO	Vale.
TUBING SIZE 27/8 SEU PACKER DEPTH TUBING WEIGHT PERFS & FORMATION STAGE BBL'S PUMPED PUMPED PPG POPPANT PPG SAND/STAGE PSI PUMPED PPG POPPANT PPG POP	- Vale
TUBING WEIGHT PERFS & FORMATION STAGE BBL'S PUMPED PUMPED PPG POPPANT PPG STAGE BBL'S PUMPED POPPANT PPG POPPANT PPG POPPANT PPG STAGE BREAKDOWN 16-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 13-20	- Vale
STAGE BBL'S INJ RATE PROPPANT SAND/STAGE PSI PPG P	
STAGE BBL'S PUMPED PPG PPG PPG PPG PPG PPG PPG P	
STAGE BBL'S PUMPED PPG POPPANT PPG 10	
STAGE BBL'S INJ RATE PROPPANT SAND / STAGE PSI	
PUMPED PPG 16-30	FA THE
PUMPED PPG PAD 20 20 10 /12 /10 BREAKDOWN / 16-20 20 35-1,0 500 1300 START PRESSURE END PRESSURE 12-20 1,5 BALL OFF PRESS BALL OFF PRESS ROCK SALT PRESS 12-20 (H) + (3) SISP SO () 12-20 1,0 1,0 1,0 1,0 10 MIN 12-20 1,0	
16-30 12-20 12-20 12-20 13-10 20 1,5 END PRESSURE END PRESSURE BALL OFF PRESS ROCK SALT PRESS 12-20 1,5 12-20 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,	
16-30	050
12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 13 12-20 14 15 16 17 10 18 18 18 18 18 18 18 18 18 18 18 18 18	
12-20 12-20 12-20 12-20 12-20 12-20 12-20 12-20 13-20 140 150 150 150 100 100 100 100 10	
12-20 $12-20$ $12-2$	
12-20 (H)+(3) 1,0 ISIP.5(1)() 12-20 1/20 1,0	2
12-20 1(2) = (9) 1/90(1) 5 MIN 12-20 1/0004 1 10 MIN	<i>,</i>
12-20 10 10009 1 10 MIN	
1 / 1 / 1 1 1 1 1 1 1 1	
MINTOUZ	
FLUSTI CASING 5 20 1700 MAXRATE	
	4,0
OVERFLUSH 10 20 SAND 1500	
TOTAL BBG 115	
REMARKS:	
Spotted 36 gal-15% HCL acid on perfs - Acidize w/ 12	5 nGel-
71/2 % HIL acid +(13) hall sectors staged thrusout acid	7
pump till max ball-off achieved - rdease palls to J.D. X	
used 12 bbls total for AGO	7
1	2
ocation 1:15 PM - 2:00 PM	2
	2
AUTHORIZATION TITLE DATE 1-14-1	2
erms a ⁿ d Conditions are printed on reverse side.	5