KOLAR Document ID: 1324800

Confiden	tiality Requeste	ed:
Yes	No	

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 January 2018 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL	HISTORY			
VVELL		- DESCRIPTION	UF WELL Q	LEAJE

OPERATOR: License #		API No.:		
Name:		Spot Description:		
Address 1:				
Address 2:		Feet from North / South Line of Section		
City: State: Z	ip:+	Feet from East / West Line of Section		
Contact Person:		Footages Calculated from Nearest Outside Section Corner:		
Phone: ()				
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 Be-Entry	Workover	Field Name:		
		Producing Formation:		
		Elevation: Ground: Kelly Bushing:		
		Total Vertical Depth: Plug Back Total Depth:		
		Amount of Surface Pipe Set and Cemented at:		
Cothodia Cothor (Cours Surd and It				
		If yoo, show donth act:		
If workover/Re-entry: Old well into as follows:		If Alternate II completion coment size/lated from:		
Operator:		If Alternate II completion, cement circulated from:		
Well Name:		teet depth to: w/ sx cmt.		
Original Comp. Date: Original T	otal Depth:			
Deepening Re-perf. Conv. to E	COR Conv. to SWD	Drilling Fluid Management Plan		
Plug Back Liner Conv. to C	SW Conv. to Producer	(Data must be collected from the Reserve Pit)		
Commingled Permit #:		Chloride content: ppm Fluid volume: bbls		
Dual Completion Permit #:		Dewatering method used:		
SWD Permit #:		Location of fluid disposal if hauled offsite:		
EOR Permit #:				
GSW Permit #:		Operator Name:		
		Lease Name: License #:		
Spud Date or Date Reached TD	Completion Date or	Quarter Sec Twp S. R East West		
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 Drill Stem Tests Received				
Geologist Report / Mud Logs Received				
UIC Distribution				
ALT I II III Approved by: Date:				

KOLAR Document ID: 1324800

Operator Nam	ne:			Lease Name:	Well #:
Sec	Twp	S. R	East West	County:	

Page Two

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)		Y	Yes No		Log Formation (Top), Dep		n (Top), Depth	epth and Datum	
Samples Sent to Geological Survey			és 🗌 No	Ν	lame	e		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud Logs List All E. Logs Run:			ies No ies No ies No						
		Repo	CASING I	RECORD] Ne	w Used rmediate, productio	on, etc.		
Purpose of String	Size Hole Drilled	Siz Se	ze Casing tt (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Туре	e of Cement	# Sacks Used		Type and Percent Additives			
Protect Casing Plug Back TD Plug Off Zone									
 Did you perform a hydra Does the volume of the is Was the hydraulic fractu 	ulic fracturing treatme total base fluid of the h ring treatment informa	nt on this w hydraulic fra tion submit	vell? acturing treatment tted to the chemica	exceed 350,000 al disclosure regis	gallo stry?	Yes Yes Yes Yes	 □ No (If No, s □ No (If No, s □ No (If No, f 	kip questions 2 ar kip question 3) ill out Page Three	nd 3) of the ACO-1)
Injection:			Flowing	Pumping		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITION	I OF GAS:		M	ETHOD OF COM	IPLE	TION:		PRODUCTIO	ON INTERVAL:
Vented Sold Used on Lease (If vented, Submit ACO-18.)			Open Hole Perf.		Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)		Bottom		
Shots Per Perforation Perforation Bridge Foot Top Bottom Tvp		Bridge Plug Type	Bridge Plug Acid, Fractur Type Set At (Amu		Fracture, Shot, C (Amount and Ki	ementing Squeeze	Record		
	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	SCHWEIZER 3-35
Doc ID	1324800

All Electric Logs Run

CPDCN Micro Log
AI Shallow Focused Elect Log
Comp. Sonic w/Integrated Transit Time
Mirco. Log
Dual Receiver Cmt Bnd Log

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	SCHWEIZER 3-35
Doc ID	1324800

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	3642-3650	250gals 7.5% MCA Acid	3642-3650
		3gals RAS 10, 16bbls 2% KCL	
		500gals 15% NE/FE Acid	3642-3650
		5gals RAS-10; 22bbls 2% KCL	

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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	12.25	8.625	14	252	Common	175	3% CC; 2% Gel
Production	7.875	5.50	14	3725	Class A	150	3% Gel; 2%CC

		686	2			
Oil Well Service	ATED HPI# 55-1	Field 676 55-217	tkt au 3 153-ce-ec	TICKET NUMB	ER 51 EL DO FAC	432
PO Box 884, Chanute, KS 6672 620-431-9210 or 800-467-8676	20 FIELD TICKE	T & TREA	T INENT REP	Vola #go	8835	KS
DATE CUSTOMER #	WELL NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
10-18-14 3372	Schweizer 3	3-35	35	22	(8)	Reno
CUSTOMER	N	SYLVIA	*1/25/1651 + 7	- ্ৰেন		四時時時候了 世
MAILING ADDRESS	porations	NAMUR	TRUCK #	DRIVER	TRUCK #	DRIVER
1700 N Water CITY Wichida	Front Blds 600 STATE ZIP CODE K 67206	BN- Et W.M	611	Jer Biny		
JOB TYPE SUNSINCE	HOLE SIZE 1214	HOLE DEPTH	259'	CASING SIZE & W	EIGHT 85/5	3
CASING DEPTH 756	DRILL PIPE	TUBING	1 6		OTHER	
SLURRY WEIGHT	SLURRY VOL -12.5	WATER gal/sl	(41)	CEMENT LEFT in	CASING 20	
DISPLACEMENT 15.0	DISPLACEMENT PSI	MIX PSI		RATE		
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		Subdudal	+	
		Scilution 1		
	SCANNE	D		
	Lon		SALES TAX	
avin 3737	KATK	 M	ESTIMATED TOTAL	
UTHORIZTION		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.

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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. SL0/0L0'd (XYJ) LZ:60 9L0Z/0E/0L

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ounty	Genter		S	itate		Interval	36.42-	-50	
eli Type:	Completion	Recompletion	U Workave		Gas	Water 🗆	Disposal 🗆	Perf 🗆	OH D
b Pumped Via	Tubing X	Casing D	Annulus 🗆	стио с	Combination 🗆	Plug Dep	h	Packer	Depth 3600
asing Size	5V2	GRD V	VT Dept	1	Tubing Size.	27/8	Spot	366	0
asing Vol		Tbg Vol	Ann \	/ol	OH Vol		Total Displ	lacement	22
							500	157	B NE/FE
istomer Repres	entative Signature					*	- 5.	Jal Rus	s-10
				Treatment R	lecord Drue	C1170	22	BBL:	5 270
Time	Type Fluid	Rate BMP	Vol Bbis	Vol Bbis	Tubing	Casing		Observa	nions
1	Acid	4,5		6.5	0	0	Sto	Tred	1.BB-
3	Arid	4.5		12.0	19	0	A	ad_	Gene
4	Fible	4,5		19,5	0	0			
6	Fl. SID	415		23.5	0	0	w	-11	Eaded
7	Flish	1.4		24.5	0	0			
8	Aush	Vila		27	10	0			
In	Aush	1.6		24	10	0			
12	Flish	2.0		30	10	0			
13	Fliph	2.2	.	31	10	0			-
14	FLAN	2.5		32	10	0			
16	Flush	2.7		34	10	0			
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vg Inj Rate	Fluid BPM 22	>		Total Injec	H20	2	kcid 12	Cil	
reating Prs	Max (0	Finai	O AVS.	10	ISIP (0	S'SI	10'SI	15'SI
							20	25	30



(316) 265-3000 FAX: (316) 265-3455 1700 N. WATERFRONT PARKWAY BLDG, 600 WICHITA, KANSAS 67206-5514

OPERATING COMPANY

Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name:	Schweizer			
Well Id:	3-35			
Location:	1610' FNL & 1142' FEL,	Sec 35-T22S-R10W,	Reno County, K	ansas
License Number:	API: 15-155-21735		Region:	Reno County
Spud Date:	10/17/2016	Drill	ing Completed:	10/23/2016
Surface Coordinates:	Lat: 38.0961479		-	
	Long: -98.3849709			
Bottom Hole	Vertical hole			
Coordinates:				
Ground Elevation (ft):	1736'	K.B. Elevation (ft):	1746'	
Logged Interval (ft):	2400' To: RTD	Total Depth (ft):	3730'	
Formation:	Viola at RTD			
Type of Drilling Fluid:	Chemical			
	Printed b	y MUD.LOG from WellSig	ght Systems 1-800-4	47-1534 www.WellSight.com

OPERATOR

Company: Grand Mesa Operating Company Address: 1700 N. Waterfront Parkway; Bldg. 600 Wichita, KS 67206-5514 316-265-3000

GEOLOGIST

Name: Kent R. Matson Company: Matson Geological Services, LLC Address: 33300 W. 15th Street S. Garden Plain, Kansas 67050 316-644-1975; kent4m@hotmail.com



COMMENTS

Grand Mesa Company Geologist: Steve Stribling, 316-265-3000 (office).

Drilling Contractor: Summitt Drilling Company Inc., Rig #1.

Tool Pusher: Scott Miller, 620-341-3133 (cell).

Surface Casing: 8 5/8" set at 252' (KB) w/175 sx cement.

Production Casing: Based on field observations of drill cuttings and electric log review, production casing (5.5") was installed to further evaluate potential oil production.

Mud by: Andy's Mud & Chemical Co.; Dennis Rector, 785-656-3039 (cell).

DST's by: Diamond Testing: Mike Cochran, 620-282-2302 (cell). Note: no DSTs were conducted.

Logs by: Weatherford (CND w/PE, DI w/SP, Micro, Sonic), Adam Sill, 620-309-7753 (cell).

RTD= 3730', -1984'.

LTD= 3725', -1979'.

FORMATION TOPS

FORMATION	SAMPLE TOPS	LOG TOPS
	Depth Datum	Depth Datum
Tarkia	2286' 640	22941 629
Howard	2500 -040 2611' -865	2504 -050 2612' -866
Topeka	2717' -971	2715' -969
Heebner	3012' -1266	3012' -1266
Brown LS	3161' -1415	3163' -1417
Lansing	3196' -1450	3197' -1451
Stark Shale	3417' -1671	3417' -1671
Base KC	3476' -1730	3476' -1730
Viola	3622' -1876	3622' -1876
RTD	3730' -1984	
LTD		3725' -1979

	F	ROCK TYPES	;		
LITHOLOGY	Sltysh	0	Ostra	٠	Ferrpel
Anhy 🔤	Sdy dolo	4	Pelec	K	Ferr
	Silty dolo	ø	Pellet	\sim	Glau
Coal	Shy dolo	¢	Pisolite	11	Gyp
Congl 🔤	Shaly Is	ø	Plant	۹.	Hvymin
	-		Strom	к	Kaol
Gyp <u>F</u> OS	SIL		Fuss	11	Marl
Lmst 🔤	Algae	\$	Oomold	*	Minxl
Salt 🗵	Amph			θ	Nodule
Shale 🖻	Belm	MINER	AL	•	Phos
Shcol	Bioclst	//	Anhy	P	Pyr
Shgy 💩	Brach		Arggrn	⊞	Salt
Sltst	Bryozoa		Arg		Sandy
Ss G	Cephal	B	Bent	<u>.</u>	Silt
Carb sh	Coral		Bit		Sil
Dol	Crin	8	Brecfrag	2	Sulphur
Dtd	Echin		Calc	▼	Tuff
Gry sh	Fish		Carb	*	Chlorite
Sandylms	Foram		Chtdk		Dol
Shale E	Fossil		Chtlt		Sand
Sitstn	Gastro	 ∓	Dol		Sity
Shiysits	Oolite	<u> </u>	Feldspar		

Rate of Penetration (ROP)						
ROP (min/ft)						
		1 - 14 - 1	ŧ	SWC		Demodes
	Ę	Lithology	Poi	Shc	Geological Descriptions	Remarks
	Del		с К	Oil		
					Morning Report Depth/Activity	
					10/17/2016, Spud. 10/18 @ 259' waiting to drill out under surface casing	
					10/19, drill @ 920'.	
					10/20, drill @ 2023'. 10/21, mud displacement @ 2777'	Andy's Mud Check @ 0'
					10/22, drill @ 3580'.	recommedations.
					10/23, TD @ 3730'.	
						Andu's Mud Chack @
	1					1142' 10/19/16 10:00am
						wt vis pH chl
	1					Filt LCM
	ļĝ.					NC NA
	÷ ا				KOP Data begins @ 1900' on 10/20/2016.	
						Survey Record
						Deg @ Ft
						0.0 @ 259' 0.25 @ 796'
						1.0 @ 1299'
	- <u>8</u> -					0.75 @ 1770' 0.50 @ 2274'
	-					1.0 @ 2745'
						0.75 @ 3529' 1.5 @ 3730'
	4					
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	L					Short Trip
	ſ					conducted at
	1					2023'.
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