KOLAR Document ID: 1427706

Confidentiality Requested:
☐ 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 - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 35116
Name: SM Oil & Gas, Inc.
Address 1: PO BOX 189
Address 2:
City: SKIATOOK State: OK Zip: 74070 + 0189
Contact Person: Stan Miller
Phone: (918) 629-2151
CONTRACTOR: License # 35116
Name: SM Oil & Gas, Inc.
Wellsite Geologist: None
Purchaser: CVR

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: John m. Denman Oil Co.
Well Name: Goode "A"
Original Comp. Date: 6/25/1985 Original Total Depth: 1555
☐ 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 #:

10/25/2017 Spud Date or Recompletion Date
Date Reached TD
10/27/2017 Completion Date or Recompletion Date

API No.: 15-019-25075-00-01
Spot Description:
__ - SE - SW - NW Sec. 17 Twp. 33 S. R. 10 ☑ East ☐ West
2870 Feet from ☐ North / ☑ South Line of Section
4241 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: Chautauqua
Lease Name: GOODE A Well #: 5
Field Name: Leniton
Producing Formation: Wayside Sandstone
Elevation: Ground: 1021 Kelly Bushing: 1026
Total Vertical Depth: 1565 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: ppm Fluid volume: bbls
Dewatering method used:
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:
☐ **Confidential Release Date:**
☐ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☐ **Geologist Report / Mud Logs Received**
☑ **UIC Distribution**
ALT ☐ **I** ☑ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 11/15/2018

Operator Name: SM Oil & Gas, Inc. Lease Name: GOODE A Well #: 5

Sec. 17 Twp. 33 S. R. 10 ☑ East ☐ West County: Chautauqua

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
Wayside Sandstone	1496	1021

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	10	7	15	44	Portland	20	CaCl
Production	6.25	4.50	9.50	1561	Portland	160	2% GEL

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)*	1511	1531

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)*
1	1511	1531			

TUBING RECORD:	Size:	Set At:	Packer At:
	2.375	1500	1500

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

Form	ACO1 - Well Completion
Operator	SM Oil & Gas, Inc.
Well Name	GOODE A 5
Doc ID	1427706

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	10	7	15	44	Portland	20	CaCl
Production	6.25	4.50	9.50	1561	Portland	160	2% GEL

S-8 OPERATOR Tool Knife

CONSOLIDATED OIL WELL SERVICES, INC.

Box 884
Cha , Kansas 66720
Phone (316) 431-9210

Ticket 56519

	Customer's Acct. No.	Sec.	Twp.	Range	Well No. & Farm	Place or Destination
12-12-85	2223	17	33	10E	Forde # 5	W. of Sedan

Charge To: Dorman Oil	Owner	County: CQ
Mailing Address: Box 36	Contractor	State: Ks.
City & State: Sedan, Ks. 67361	Well Owner Operator Contractor	

CEMENTING SERVICE DATA

TYPE OF JOB		CASING		HOLE DATA		PLUGS AND HEAD		PRESSURE		CEMENT LEFT IN CASING	
Surface	✓	New	✓	Bore Size	10"	Bottom		Circulating	250	Requested	
Production		Used		Total Depth	421'	Top		Minimum	200	Necessity	✓
Squeeze		Size	7"			Head		Maximum	400	Measured	
Pumping		Weight		Cable Tool		FLOAT EQUIPMENT		Sacks Cement	20 ex.		
Other		Depth	40'					Type & Brand	Portland		
		Type		Rotary	✓			Admixes	Calcium		

FRACTURING - ACIDIZING SERVICE DATA

Type of Job: At Intervals of:

Bbls Fracturing Fluid: Breakdown Pressure from: psi to: psi

Treating Pressures: Maximum: psi Minimum: psi Avg. Pump Rate: GPM/BPM Close In: psi

Sand: Gals. Treating Acid: Type: Open Hole Diameter:

Well Treating Through: Tubing: Casing: Annulus: Size: Weight:

Remarks:

No. Perforations: Pay Formation Name: Depth of Job: Ft.

INVOICE SECTION

CEMENTING				FRACTURING - ACIDIZING			
Pumping Charge		Office Use	$	Pumping Charge		Office Use	$
Pumping Charge Surface	@		$ 325.00	Pumping Charge	@		$
20 Sacks Bulk Cement	@		100.00	12x30 Sand	@		
Ton Mileage on Bulk Cement N. Charge	@		N.C.	10x20 Sand	@		
Premium Gel	@			x Sand	@		
Flo-Seal	@			Ton Mileage	@		
1 Calcium Chloride	@		21.00	Gals., Acid	@		
Plug	@			Chemicals	@		
	@				@		
Equipment	@				@		
	@				@		
	@				@		
	@				@		
	@			Potassium Chloride	@		
	@			Rock Salt	@		
Granulated Salt	@			Water Gel	@		
Transport Truck (Hrs.)	@			Transport Truck (Hrs.)	@		
Vac Truck (1 Hrs.)	@		38.00	Vac Truck (Hrs.)	@		
Fuel Surcharge	@			Fuel Surcharge	@		
		Tax	5.04			Tax	
A Finance Charge computed at 1¾% per month (annual percentage rate of 21%) will be added to balance over 30 days.		Total	$ 494.04			Total	$

NSCO-18936

Sedan OPER[illegible] Cary W Coats

[CO]NSOLIDATED OIL WELL SERVICES, INC.

[P.O.] Box 884
Char[ute], Kansas 66720
Phone (316) 431-9210

Ticket 56523

SE-SW-NW¼

Date	Customer's Acct. No.	Sec.	Twp.	Range	Well No. & Farm	Place or Destination
[illegible]-19-85	2223	17	33	10	Goode A #5	W. Sedan

[Char]ge To: Denman Oil	Owner	County: Chautauqua
Mailing Address: Box 36	Contractor	State: Ks.
City & State: Sedan, Ks	Well Owner Operator Contractor	

CEMENTING SERVICE DATA

TYPE OF JOB		CASING		HOLE DATA		PLUGS AND HEAD		PRESSURE		CEMENT LEFT IN CASING	
[S]urface		New	✓	Bore Size	6¼"	Bottom	✓	Circulating	150	Requested	
[P]roduction	✓	Used				Top		Minimum	200	Necessity	
[S]queeze		Size	4½"	Total Depth		Head	P.C	Maximum	250	Measured	✓
[P]umping		Weight		Cable Tool		FLOAT EQUIPMENT		Sacks Cement	160		
[O]ther		Depth	1561'					Type & Brand	Portland [illegible]		
		Type		Rotary	✓			Admixes	50/50 [illegible]		

FRACTURING - ACIDIZING SERVICE DATA

[T]ype of Job At Intervals of

[B]bls Fracturing Fluid Breakdown Pressure from psi to psi

[T]reating Pressures: Maximum psi Minimum psi Avg. Pump Rate GPM/BPM Close In psi

[S]and Gals. Treating Acid Type Open Hole Diameter

[W]ell Treating Through: Tubing Casing Annulus Size Weight

[R]emarks:

[N]o. Perforations Pay Formation Name Depth of Job Ft.

INVOICE SECTION

CEMENTING	@	Office Use	$	FRACTURING - ACIDIZING	@	Office Use	$
Pumping Charge				Pumping Charge			
Pumping Charge 1 - cement	@		438.00	Pumping Charge	@		
160 Sacks Bulk Cement	@		840.00	12x30 Sand	@		
Ton Mileage on Bulk Cement 19	@		68.16	10x20 Sand	@		
2 Premium Gel	@		13.80	x Sand	@		
1½ Flo-Seal	@		45.00	Ton Mileage	@		
Calcium Chloride	@			Gals., Acid	@		
4½" Plug	@		18.50	Chemicals	@		
	@				@		
Equipment	@				@		
	@				@		
	@				@		
	@				@		
	@			Potassium Chloride	@		
	@			Rock Salt	@		
Granulated Salt	@			Water Gel	@		
Transport Truck (Hrs.)	@			Transport Truck (Hrs.)	@		
Vac Truck (3 Hrs.)	@		114.00	Vac Truck (Hrs.)	@		
Fuel Surcharge	@			Fuel Surcharge	@		
		Tax	36.69			Tax	
		Total	$1574.15			Total	$

A Finance Charge computed at 1¾% per month (annual percentage rate of 21%) will be added to balance over 30 days.

8231

NSCO-18936

John M. Denman Oil Co.
Goode A Lease
Well #5
A.P.I. 15-019-25,075

Darnall Drilling-Contractor
June 1985

Formation	Depth
Soil	0-3
Clay	3-5
Lime	5-10
Shale	10-19
Sand	19-22
Shale	22-25
Lime	25-27
Shale	27-31
Lime	31-39
Shale	39-47
Lime	47-49
Shale	49-51
Lime	51-58
Shale	58-59
Lime	59-81
Shale	81-84
Lime	84-86
Shale	86-92
Redrock	92-109
Shale	109-113
Lime	113-119
Sand	119-125
Shale	125-130
Redrock	130-137
Shale	137-145
Lime	145-147
Sandy Shale	147-150
Lime	150-155
Shale	155-157
Lime	157-163
Shale	163-174
Lime	174-178
Shale	178-226
Sand	226-244
Shale	244-256
Sand	256-260
Shale	260-304
Lime	304-318
Sand	318-320
Lime	320-330
Shale	330-334
Lime	334-339
Shale	339-363
Sandy Shale	363-475
Lime	475-478
Sandy Shale	478-507
Shale	507-660
Lime	660-662
Sandy Shale	662-761
Shale	761-831
Sandy Shale	831-842
Shale	842-945
Lime	945-952
Shale	952-1121
Sandy Shale	1121-1142
Sand	1142-1163
Sandy Shale	1163-1241
Sand	1241-1270
Shale	1270-1367
Lime	1367-1377
Shale	1377-1379
Lime	1379-1382
Shale	1382-1389
Lime	1389-1398
Shale	1398-1429
Lime	1429-1443
Shale	1443-1467
Lime	1467-1471
Shale	1471-1489
Lime	1489-1492
Sandy Shale	1492-1517
Sandy Shale (odor)	1517-1530
Shale	1530-1555
Lime	1555-1565 T.D.

Set 1558 ft. of 4½" pipe.
Cemented to the top.