

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM**

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 32845  
 Name: Devon SFS Operating Inc.  
 Address: 20 North Broadway, Suite 1500  
 City/State/Zip: Oklahoma City, OK 73102-8260  
 Purchaser: Tall Grass, LLC  
 Operator Contact Person: Robert Cole  
 Phone: (405) 235-3611 **KCC**  
 Contractor: Name: Mokat Drig. **FEB 5 2002**  
 License: #5831  
 Wellsite Geologist: David Flemming **CONFIDENTIAL**  
 Designate Type of Completion:  
☒ New Well ☐ Re-Entry ☐ Workover  
☐ Oil ☐ SWD ☐ SIOW ☒ Temp. Abd.  
☒ Gas ☐ ENHR ☐ SIGW  
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, 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./SWD  
☐ Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
☐ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
☐ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
☐ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_  

<b>10/13/01-Spud Dat</b>	<b>10/15/01-TD</b>	<b>Temp. Abd.-WOPL</b>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-25699  
 County: Neosho  
NW - NV Sec. 31 Twp. 28 S. R. 19 ☒ East ☐ West  
700 feet from S N (circle one) Line of Section  
600 feet from E W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Vern Heilman Well #: 31-1  
 Field Name: \_\_\_\_\_  
 Producing Formation: Temp. Abd.-WOPL  
 Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1,018 ft. Plug Back Total Depth: 1,008 ft.  
 Amount of Surface Pipe Set and Cemented at 20 Feet  
 Stage Cementing Collar Used? ☐ Yes ☒ No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If alternate II completion, cement circulated from Surface  
 feet depth to 1,016 ft. w/ 140 sx cmt.  
**Drilling Fluid Management Plan** 11 Pa 3.24.03  
 (Data must be collected from the Reserve Pit)  
 Chloride content N/A ppm Fluid volume N/A bbls  
 Dewatering method used \_\_\_\_\_  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**Release  
MAR 24 2003  
From  
Confidential**

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Robert Cole  
 Title: Sr. ENG. Tech. Date: 2/5/02  
 Subscribed and sworn to before me this 5th day of February, 2002  
 Notary Public: Janice L. Modisette  
 Date Commission Expires: \_\_\_\_\_

JANICE L. MODISSETTE  
 Oklahoma County  
 Notary Public in and for  
 State of Oklahoma  
 My commission expires 7-5-03

**KCC Office Use ONLY**

☒ Letter of Confidentiality Attached

If Denied, Yes ☐ Date: \_\_\_\_\_

☒ Wireline Log Received

☒ Geologist Report Received

☐ UIC Distribution

Operator Name: Devon SFS Operating Inc. Lease Name: Vern Heilman Well #: 31-1  
 Sec. 31 Twp. 28 S. R. 19 ☒ East ☐ West County: Neosho

**INSTRUCTIONS:** Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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  
 (Submit Copy)

List All E. Logs Run:

GR, N, D, DIL, CBL

☒ Log Formation (Top), Depth and Datum ☒ Sample

Name Top Datum

See Attachments

### 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"	8 5/8"	32 #/ft	20'	Portland	4	None
Production	7 7/8"	5 1/2"	15.5 #/ft	1,016'	CI 'A'	140	ThickSet

### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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
Temp. Abd.	WOPL		
		Release	
		MAR 24 2003	
		From	
		Confidential	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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

☐ Vented ☒ Sold ☐ Used on Lease  
 (If vented, Sumit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled  
☒ Other (Specify) Temp. Abd.-WOPL

Air Drilling  
Specialist  
Oil and Gas Wells



**MOKAT DRILLING**  
Office Phone: (316) 879-5377



P.O. Box 596  
Caney, KS 67333

Operator <b>DEVON</b>		Well No. #31-1	Lease Vernheilman	Loc.	%	%	%	Sec. 31	Twp. 28	Rge. 19		
		County Neosho	State KS	Type/Well	Depth 1018'	Hours	Date Started 10-13-01	Date Completed 10-15-01				
Job No.	Casing Used 20' 8 5/8"	Bit Record				Coring Record						
		Bit No.	Type	Size	From	To	Bit No.	Type	Size	From	To	% Rec.
Driller Waylon	Cement Used			7 7/8"								
Driller	Rig No.											
Driller	Hammer No.											

**Formation Record**

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	5	overburden	318	322	lime	627	629	lime	948	1018	lime MISS.
5	7	lime	322	334	sand	629	630	shale	966		gas test 7 lbs 1/4"
7	13	sand	334	398	sandy shale	630	632	lime	991		gas test (same)
13	52	lime	398	401	lime	632	633	coal	1018		gas test (same)
52	54	coal	401	402	coal	633	636	shale			
54	64	shale	402	404	shale	636	654	sand			
64	97	sand	404	448	lime	634		gas test 5 lbs 1/4"			T.D. 1018'
97	98	coal	448	486	sandy shale	654	668	shale			
98	100	shale	486	487	coal	668	669	coal			
100	110	sandy shale	487	489	shale	669	699	sasndy shale			
110	111	coal	489	510	lime	699	700	coal			
111	114	shale	510	518	shale	700	789	sandy shale			
114	135	lime	518	524	lime	714		gas test 5 lbs 1/4"			
135	154	shale	524		gas test 3 lbs 1/4"	789	791	lime			
154	156	sand	524	529	shale	791	895	sandy shale			
156	167	lime	529	530	coal	816		gas test 4.5 lbs 1/4"			
167	169	coal	530	532	shale	895	897	coal			
169	189	shale	534		gas test 4.5 lbs 1/4"	897	902	shale			
189	222	lime	532	571	sand	902	904	coal			
222	232	shale	571	579	shale	904	929	sandy shale			
232	242	lime	579	581	sand 58	916		gas test 6 lbs 1/4"			
242	269	shale	581	598	shale	929	930	coal			
269	270	coal	598	601	limey shale	930	932	shale			
270	297	lime	601	605	shale	932	934	coal			
297	301	shale	605	606	coal	934	948	shale			
301	315	lime	606	627	shale	941		gas test (same)			
315	318	shale	614		gas test 4.5 lbs 1/4"						

**COPY**

RECEIVED

FEB - 7 2002

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RECEIVED

FEB - 7 2002

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