

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
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
Contractor: Name: McPherson Drlg.
License: #5675
Wellsite Geologist: Harley Gilbert

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. _____

9/19/01-Spud Date 9/20/01-TD 12/10/01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 205-25401
County: Wilson
- - - SV Sec. 17 Twp. 29 S. R. 17 ☒ East ☐ West
1900 feet from S N (circle one) Line of Section
1800 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 Crawshaw Well #: 17-1

Field Name: _____
Producing Formation: Cattleman
Elevation: Ground: 902 ft. Kelly Bushing: _____
Total Depth: 1,107 ft Plug Back Total Depth: 1,098 ft.
Amount of Surface Pipe Set and Cemented at _____ Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from Surface
feet depth to 1,105 ft. w/ 160 sx cmt.

Drilling Fluid Management Plan

(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.: _____

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: 1/8/02
Subscribed and sworn to before me this 8th day of January, 2002

Notary Public: Janice L. Modisette
Date Commission Expires: _____
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 Crawshaw Well #: 17-1
 Sec. 17 Twp. 29 S. R. 17 ☒ East ☐ West County: Wilson

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

RECEIVED
 KANSAS CORPORATION COMMISSION

JAN 11 2002

CONSERVATION DIVISION

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	1,105'	Cl "A"	160	ThickSet

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				

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 spf	1,044'-1,050'-Mississippi, CIBP @ 1,020'	1,250 gls NEFeHCl	
2 spf	768'-773' & 776'-784'-Cattleman	Foam Frac, 10,500gls, 64 Tons N2, 17,500	
		60/30 Sand.	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1,003'-EOT	N/A	☐ Yes ☒ No
Date of First, Resumed Production, SWD or Enhr.	Producing Method			
12/10/01	☒ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	N/A	100 Mcfd	40 BWPD	N/A N/A

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)

**Drillers Log
McPherson Drilling LLC**

Rig: 1			
API No. 15- 205-25401-0000			
Operator: Devon SFS Operating, Inc.			
Address: 20 North Broadway, Suite 1500 Oklahoma City, OK 73102			
Well No: 17-1	Lease Name: Vern Crawshaw		
Footage Location:	1900 ft. from the	South	Line
	1800 ft. from the	West	Line
Drilling Contractor: McPherson Drilling LLC			
Spud date: 9/19/01	Geologist: Harley Gilbert		
Date Completed: 9/20/01	Total Depth: 1107'		

S. 17 T. 29 R. 17e
Loc:
County: Wilson

Gas Tests:		
611'	22.9	MCF
631'	23.9	MCF
651'	44.2	MCF
711'	53.20	MCF
791'	603.00	MCF
811'	319.00	MCF
853'	472.00	MCF
993'	442.00	MCF
1033'	429.00	MCF
1047'	458.00	MCF
1073'	442.00	MCF

Casing Record		
	Surface	Production
Size Hole:	11"	7 7/8"
Size Casing:	8 5/8"	
Weight:	20#	
Setting Depth:	21'	
Type Cement:	Portland	
Sacks:	4	

Rig Time:
1 hr. gas test
4:30 - 6:30 wait on gel
Total 3 hrs.

Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
soil/clay	0	5	oswego lime	595	617	Miss lime	1037	1107
sand	5	47	summit	617	624			TD
shale	47	89	lime	624	633			
lime	89	93	mulkey	633	637			
shale	93	102	lime	637	645			
lime	102	160	shale	645	696			
sand	160	170	coal	696	699			
lime	170	195	sand	699	704			
shale	195	229	shale	704	727			
lime	229	254	sand/shale	727	735			
shale	254	263	sand	735	784			
lime	263	320	coal	784	785			
sand/shale	320	378	sand	785	855			
lime	378	384	shale	855	860			
shale	384	414	sand	860	870			
lime	414	423	shale	870	883			
shale	423	430	coal	883	884			
sand	430	440	shale	884	894			
shale	440	516	sand/shale	894	982			
pink lime	516	518	coal	982	990			
coal	518	519	shale	990	1030			
lime	519	561	coal	1030	1033			
shale	561	595	shale	1033	1037			