

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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Form ACO-1  
September 1999  
Form Must Be Typed

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KCC WICHITA

ORIGINAL

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. \_\_\_\_\_  
12/10/01 Spud Date 12/11/01-TD Temp.Abd.-WOPL  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 133-25770-0000  
County: Neosho  
DE SE Sec. 16 Twp. 29 S. R. 18  East  West  
1100 feet from (S) N (circle one) Line of Section  
500 feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Kansas 1178 LLC 16 Well #: 1  
Field Name: \_\_\_\_\_  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 1,031 ft. Kelly Bushing: \_\_\_\_\_  
Total Depth: 1,140 ft. Plug Back Total Depth: 1,131 ft.  
Amount of Surface Pipe Set and Cemented at 20 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 1,138 ft. w/ 165 sx cmt.

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**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.: \_\_\_\_\_

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**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. Engr. Tech. Date: 4/4/02  
Subscribed and sworn to before me this 4<sup>th</sup> day of April,  
2002.  
Notary Public: Betty J. Meisner  
Date Commission Expires: May 26, 2002

**KCC Office Use ONLY**  
yes Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

✓

X

Operator Name: Devon SFS Operating Inc. Lease Name: Kansas 1178 LLC 16 Well #: 1  
 Sec. 16 Twp. 29 S. R. 18  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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Attachments	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
GR, N, D, DIL, CBL			

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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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"	14 #/ft	1,138'	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
4 spf	1,060'-1,064'-Riverton Coal	500gls, FeHCl, 24,000gls Frac 8, 300#20/40	

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TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	1,060'-EOT	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method				
Temp.Abd.-WOPL	<input checked="" type="checkbox"/> Flowing	<input checked="" 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
	N/A	N/A	N/A	N/A	N/A

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval  Other (Specify) Temp.Abd.-WOPL

**Drillers Log  
McPherson Drilling LLC**

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Rig:	2		
API No.	15-	13328770	KGG-WICHITA
Operator:	Devon SFS Operating, Inc.		
Address:	20 N. Broadway, Suite 1500 Oklahoma City, OK 73102		
Well No:	1	Lease Name:	Kansas 1178 LLC 16
Footage Location:	1100 ft. from the	South	Line
	500 ft. from the	East	Line
Drilling Contractor:	McPherson Drilling LLC		
Spud date:	12/10/01	Geologist:	Harley Gilbert
Date Completed:	12/11/01	Total Depth:	1140'

S. 16	T. 29	R. 18 E
Loc: 170' W & 110' N of NE/SE/SE		
County:		Neosho

Gas Tests:		
545'	15.7	MCF
585'	15.7	MCF
625'	18.5	MCF
645'	18.5	MCF
665'	18.5	MCF
745'	22.9	MCF
765'	22.9	MCF
805'	20.7	MCF
885'	22.9	MCF
1027'	27.0	MCF
1067'	34.0	MCF
1077'	94.5	MCF
1087'	94.5	MCF

Casing Record		
	Surface	Production
Size Hole:	11"	7 7/8"
Size Casing:	8 5/8"	(McPherson)
Weight:	20#	
Setting Depth:	22'	
Type Cement:	Portland	
Sacks:	4	(McPherson)

<b>Rig Time:</b>
1 hr. - gas tests

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**Well Log**

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
soil/clay	0	4	Pawnee lime	532	538	coal	787	789
sand	4	11	coal/shale	538	542	shale	789	821
shale	11	19	lime	542	571	sand	821	832
lime	19	25	coal	571	573	sandy shale	832	875
shale	25	65	shale	573	584	sand	875	883
lime	65	69	coal	584	858	shale	883	985
shale	69	127	shale	858	607	sandy shale	985	1004
lime	127	191	coal	607	608	coal (Rowe)	1004	1008
shale	191	197	shale	608	610	shale	1006	1011
sandy shale (wet)	197	217	osw lime	610	632	coal (Rowe)	1011	1014
shale	217	236	summit	632	640	shale	1014	1037
lime	236	247	lime	640	646	coal	1037	1038
shale	247	262	mulkey	646	650	shale	1038	1059
lime	262	270	lime	650	651	coal (Riverton)	1059	1063
shale (wet)	270	277	sand	651	657	shale	1063	1070
lime	277	339	shale	657	722	Mississippi	1070	1140
shale	339	419	coal	722	723			
sand	419	426	shale	723	729			
shale	426	427	coal	729	730			
lime	427	436	shale	730	748			
shale	436	487	lime	748	750			
sand	487	495	coal	750	752			
sandy shale	495	532	shale	752	787			

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**BLUE STAR  
ACID SERVICE, INC.**

PO Box 103  
Eureka, Kansas 67045

Cementing Ticket  
and Invoice Number

**No 3208**

Date 12-18-01	Customer Order No.	Sect.	Twp.	Range	Truck Called Out	On Location pm 11:05	Job Began pm 11:30	Job Completed pm 2:30
Owner Devon SFS operating		Contractor Gus Jones			Charge To Devon SFS operating			
Mailing Address P.O. Box F 110-1		City Chanute			State KANSAS			
Well No. & Form KANSAS 117B C.L.C.		Place Neosho			State KANSAS			
Depth of Well 1140	Depth of Job 1138	Casing (New) Used	Size 5 1/2	Weight 14 #	Size of Hole Ant. and Kind of Cement 7 1/8 165 TS	Cement Left In casing by	Request Necessity 7	feet
Kind of Job Longstring					Drillpipe	(Rotary)	Truck No. A 3	
					Tubing	(Cable)		

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Price Reference No. # 1  
Price of Job 650.00  
Second Stage  
Mileage N/A.  
Other Charges  
Total Charges 650.00

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Remarks: Rig up 5 1/2 casing wash down to T.D. of 1138 mix 200 lbs gel, wash for 30 min to clean hole. Rig up cement head pump 17 Bbl Dye water. Mix 165 SKs thick set cement w/ 1/3 lb. Flocite shot down, wash out pump & lines, release plug. Displace w/ 27 1/2 Bbl KCL water. Final pump PST 500# bump plug to 1000# check float. Float held good cement returns to surface. 6 Bbl slurry 3 1/8 SKs close casing in at 0 PST. Job complete tear down.

Cementor Russell McCoy  
Helper Guy Mike - Jim District Eureka State KANSAS  
The above job was done under supervision of the owner, operator, or his agent whose signature appears below.  
Richard Rutz Agent of contractor or operator

**Sales Ticket for Materials Only**

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
1165	SKs Thickset cement	10.75	12506.25
55	lbs Flocite	1.00	55.00
200	lbs gel (for gel flush)	9.50	1900.00
4.5	hrs 80 Bbl vac truck	60.00	270.00
4.5	hrs 80 Bbl vac truck	60.00	270.00
2	loads city water	15.00	30.00
2.5	gallons KCL mixed w/ water	15.00	37.50
2	hrs welding truck	45.00	90.00
1	5 1/2 weld on collar	15.00	15.00
1	5 1/2 bottom collar	30.00	30.00
1	5 1/2 Top Rubber Plug	40.00	40.00
	1165 SKs Handling & Dumping	.50	582.50
	B.S. TOW Mileage 40	.80	32.00
	Sub Total		3664.75
	Delivered by Truck No. 3		
	Delivered from Eureka		
	Signature of operator Paul man		
	Sales Tax 5.9%		216.22
	Total		3880.97

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