

Operator Name: Devon SFS Operating Inc. Lease Name: Kansas 1178 LLC 16 Well #: 2
 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 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

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CASING RECORD <input checked="" 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	1,168'	CI 'A'	170	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
4 spf	1,092'-1,095'-Riverton Coal	500gls, FeHCl, 20,500gls, Frac, 7,000#20/40	
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TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1,073'-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

Other (Specify) Temp.Abd.-WOPL

Production Interval

Air Drilling
Specialist
Oil and Gas Wells



MOKAT DRILLING
Office Phone: (316) 879-5377



P.O. Box 590
Caney, KS 67333

Operator DEVON		Well No. 16-2	Lease Kansas	Loc. 117811c	%	%	%	Sec. 16	Twp. 29	Rge. 18		
		County Neosho	State KS	Type/Well	Depth 1174	Hours	Date Started 12-7-01	Date Completed 12-11-01				
Job No.	Casing Used 22' 4" 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	6	overburden	451	453	lime	676	677	shale	1098	1099	coal
6	48	sandy shale	453	454	shale	687	678	coal	1099	1104	shale
48	50	lime	454	463	lime	678	758	sandy shale	1104	1174	lime (MISS)
50	54	sand	463	465	shale	679	gas test 13 lbs 1/4"		1105	gas test 1.5 lbs 1"	
54	56	coal	465	470	lime	758	759	coal	1116	gas test 1.5 lbs 1"	
56	109	shale	470	502	sandy shale	759	775	shale			
109	119	lime	502	503	coal	775	778	lime			T.D. 1174'
119	139	shale	503	505	shale	778	781	shale			
139	204	lime	505	506	coal	781	782	coal			
204	209	sandy shale	506	559	sandy shale	782	787	819 sandy shale			
209	211	lime	559	564	lime	819	820	coal			
211	231	sand	564	567	coal	789	gas test smae				
231	232	coal	567	594	lime	820	838	limey shale			
232	251	sand	589	gas test 5 lbs 1/4"		838	839	coal			
251	252	coal	594	596	shale	839	879	sandy shale			
252	267	sand	596	601	lime	879	880	coal			
267	277	lime	601	611	shale	880	936	sandy shale			
277	283	shale	611	612	coal	936	937	coal			
283	297	lime	612	633	sandy shale	937	1034	sandy shale			
297	298	coal	633	635	coal	1034	1036	coal			
298	302	shale	635	637	shale	1036	1040	shale			
302	357	lime	637	661	lime (oswego)	1040	1041	coal			
357	421	sandy shale	661	663	shale	1041	1054	sandy shale			
421	425	green shale	663	664	coal	1054	1055	coal			
425	431	shale	664	668	shale	1055	1092	sandy shale			
431	434	lime	668	676	lime	1092	1095	coal			
434	451	sandy shale	669	gas test 10 lbs 1/4"		1095	1098	shale			

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**BLUE STAR
ACID SERVICE, INC.**

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

No 3209

Date	Customer Order No.	Secl.	Twp.	Range	Truck Called Out	On Location	Job Began	Job Completed
12-19-01						10.00 AM	10.15	12.30 PM
Owner Devon SFS operating		Contractor Gus Jones			Charge To Devon SFS operating			
Mailing Address P.O. Box F		City Chanute			State KANSAS			
Well No. & Form KANSAS 117B L.C.C.		Place Neosho			County KANSAS			
Depth of Well 1174	Depth of Job 1168	Casing (New) Used	Size 5 1/2	Weight 14 #	Size of Hole Amt. and Kind 1 1/8	Cement Left in casing by	Request Necessity 7 feet	
Kind of Job Long string (Baffle at 1161)					Drillpipe	(Rotary)	Truck No. # 2	
					Tubing	(Cable)		

ORIGINAL

Remarks: Rig up to 5 1/2 casing, wash down 110 casing to T.D. OF 1168, mix 200 lbs gel, wash for 45 min to clean hole, wash up bits of cuttings, rig up cement head pump to 861 dry water. Mix 170 SK's Thickset cement w/ 1/2 lb floccle. Break shot down, wash out pump & lower release plug. Displace w/ 28.5 Bbl K&L water. Final Pump PET 500 # bump plug to 1000 # check float. Float held. Good cement returns to surface. 5 Bbl slurry = 15 SK's close casing for at 0 PET. Job complete, tool down.

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

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Cementor: Russell McCoy
Helper: Guy - Steve - Mont
District: Eureka
State: KANSAS
Agent of contractor or operator

THANK YOU

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
170	SK's Thickset Cement	10.75	1793.50
55	16's Floccle	1.00	55.00
200	16's Gel For gel flush Ahead	9.50	19.00
4.5	hrs 80 Bbl VAC TRUCK	60.00	270.00
4.5	hrs 80 Bbl VAC TRUCK	60.00	270.00
2	Local's City water	15.00	30.00
2.5	gallons K&L Mixed w/ Displacement water	15.00	37.50
4	hrs welding TRUCK	45.00	180.00
1	5/2 Bottom collar	30.00	30.00
1	5/2 Top Rubber Plug	40.00	40.00
	170 SK's Handling & Dumping	50	85.00
	4.5 TRUCKS Mileage	80	272.00
	Sub Total		3732.00
	Delivered by Truck No. # 4	Discount	
	Delivered from Eureka	Sales Tax	69.95
	Signature of operator Russell McCoy	Total	3952.19

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