

Operator Name: Devon SFS Operating, Inc. Lease Name: Ivan Fail Well #: 4-1
 Sec. 4 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

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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"	20#/ft	20'	Portland	4	none
Production	6 3/4"	4 1/2"	9.5#/ft	1,112'	Cl "A"	117	Diacel Blend

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	1,033'-1,037'-Riverton	250 gl FeHCl, 44, 142gls, .25-2ppg, 20, 117lbs	1,037'
		Sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	978'-EOT	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
Pump Testing		<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	7Mcf	135 BWPD	N/A	N/A

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Sumit ACO-18.) Other (Specify) _____

HARLEY GILBER.

RR # 4 BOX 179A
FREDONIA, KS 66736
Phone (620) 378-4381
Cell (620) 432-1273

DRILLING SUPERVISION REPORT

15 205 25344 0000

COMPANY	Legacy				
LEASE	Fail #1				
FIELD	Altoona East				
LOCATION	2970 FSL 330 FFI				
SEC.	4	TWSP.	29S	RNG.	17E
COUNTY	Wilson		STATE	Kansas	

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- 3/11/01 - 542' - 3½' Coal slight blow - gas show samples
562 - gas test - slight blow not enough to test
619 - Oswego lime - gas test 637 - 1 lb. on ¼
643 - 647 - Summit - appears to be tight - gas test same.
655 - 659 - Mulkey coal - decent coal 2 ft. in middle of zone.
662 - Test-same - 1 lb. on ¼ - no gas in samples
784 - coal - test same
982 - 984 - Rowe - shaley
1034 - 1038 - Riverton coal - clean coal - gas in samples - test same
increase of water appears to come from coal.
1043 - Miss - gas test same
1114 - TD - test same 1 lb. on ¼

Tops
Lenepah lime - 400
Altmont lime - 400
Pawnee lime - 544
Oswego lime - 618
Summit - 642
Mulkey coal - 655
Rowe coal - 986
Riverton coal 1033
Miss - 1043

Air Drilling
Specialist
Oil and Gas Wells



MOKAT DRILLING
Office Phone: (316) 879-5377



P.O. Box 590
Caney, KS 67333

Operator LONGTON EXPLORATION		Well No. #1	Lease Fail Legacy	Loc. 1/4 1/4 1/4	Sec. 4	Twp. 29	Rge. 17
County Wilson		State KS	Type/Well	Depth 1114'	Hours	Date Started 3-6-01	Date Completed 3-8-01
Job No.	Casing Used 20' 8 5/8"	Bit Record			Coring Record		
Driller Tootie	Cement Used	Bit No.	Type	Size	From	To	% Rec.
Driller	Rig No.			6 3/4"			
Driller	Hammer No.						

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	15	overburden	546	579	lime						
15	27	sandy shale	579	619	gas test (1t blow)						
27	37	lime	619	641	shale						
37	71	sandy shale	641	636	lime (oswego)						
71	73	coal	636	648	gas test 1 lbs 1/4"						
73	113	shale	641	648	blk shale, coal						
113	184	gas test (no gas)	648	656	lime						
131	144	limy shale	650	659	gas test (same)						
144	164	lime	656	664	blk shale, coal						
164	170	sandy shale	659	668	sandy lime						
170	200	limy shale	662	690	gas test (same)						
200	219	water	664	725	sand						
219	221	shale	668	726	sandy shale						
221	230	lime	680	748	shale						
230	255	shale	725	750	coal						
255	278	lime	726	751	shale						
278	290	sandy shale	748	980	lime						
290	342	lime	750	982	coal						
342	390	sandy shale	751	1036	shale						
390	440	limy shale	980	1038	coal						
440	450	lime (oil odor)	982	1044	shale						
450	500	sandy shale	1036	1114	coal						
500	510	sand	1038		gr shale						
510	537	sandy shale	1044		lime MISS						
511	537	gas test (no gas)	gas test at 1064, 1114 same								
537	544	lime									
544	546	blk shale, coal									
					T.D. 1114'						

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