

State of Maryland
 Department of Natural Resources
 Maryland Geological Survey
 2300 St. Paul Street
 Baltimore, Maryland 21218

10f2

Permit Number 6-124

Well Number 1
 Summit Energy Corp.
 Company

COMPLETION REPORT
 (oil or gas well)

County Garrett

This report must be submitted within 30 days after completion of the well

WELL DESCRIPTION - KIND OF WELL:

NAME & WELL NO.		Size of Casting and Tubing	Used in Drilling	Left in Well	Packers: Type, Size and Depth
Brenneman Development Corporation #1					
ELEVATION: 2,640'	LEASE:	11-3/4"		54'	None
DRILLING COMMENCED: 3/27/86	DRILLING COMPLETED: 4/12/86	8-5/8"		1,528'	Shoe, 8-5/8" 1,529'
PRODUCTION:		4-1/2"		4,795'	Shoe, 4-1/2" 4,796'
RESERVOIR PRESSURE _____ psig _____ hrs.					
WELL TREATMENT: (Shooting, Acidizing, Fracturing, Etc.)					
4/27/86 Fractured with 500 gal. 15% Fe Acid,					PERFORATIONS A
2,000 gal. 25% methanol, 3,000 lbs. 80/100 mesh					4,653-5,663'
sand, 52,500 lbs. 20/40 mesh sand and 23,810 gal.					11 shots
treated water. Avg. injection rate was 15.5					4/26/86
BPM.		CEMENTING DATA: (Size Pipe, Depth, No. Bags, Date)			
		4/2/86 11-3/4", 54', 100 sks.			
		4/5/86 8-5/8", 1,528', 315 sks.			
		4/22/86 4-1/2", 4,795', 165 sks.			
RESERVOIR PRESSURE AFTER TREATMENT: _____					
25					
RESULTS AFTER TREATMENT: 0 mcf. Well is going to be plugged.					
REMARKS: 5/20/86 Formation flushed with 500 gal. 7-1/2% Fe Acid, 1,000 gal. HF acid, 500 gal. 7-1/2% Fe Acid with 50% methanol and 5,460 gal. treated water. Avg. injection rate was 8.0 BPM.		GEOPHYSICAL LOGS (Type of Geophysical Logs Run on Well) Gamma Ray, Dual Induction, Compensated Density Sidewall Neutron, Temperature, Sonic, Dipmeter			

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GEOLOGICAL LOG

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FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	REMARKS
Sandstone and shale	0	686'				
Sandstone	686'	759'				
Siltstone and shale	759'	1600'				
Sandstone and shale	1600'	1655'				
Sandstone	1655'	1685'				
Sandstone and shale	1685'	2527'				
Sandstone	2527'	2532'	2527'			Small cooling effect on temperature log.
Siltstone	2532'	2557'				
Sandstone	2557'	2562'				
Shale and siltstone	2562'	3207'				Base of Red rock (shale) approximately 2,950'.
Sandstone	3207'	3254'				
Siltstone and shale	3254'	4347'				
Upper Elk Sandstone	4347'	4366'		1410'		
Siltstone and shale	4366'	4649'				
Lower Elk Sandstone	4649'	4676'	4658'		Hole damp at 4623'	Very small cooling effect on temperature log.
Siltstone and shale	4676'	5276'				Geophysical Log.
Total depth	5276'					

This completion report is accurate to the best of my knowledge.

Date May 26, 1988
 APPROVED *Finley M. Murr*
 By Vice President Exploration
 (Title)
 COMPANY Castle Exploration Company, Inc.
 (formerly Summit Energy Corp.)