

Drill Hole No. MH-124 Fancy Hill

Date: 6-12-79 (Date Drilled)

Bearing: \_\_\_\_\_ Inclination: 30° N.

Drilled By: Boyles Brothers - Ricky Deaton

Coordinates: North 628,479.08 East 1,451,536.09

Logged By: Ferryl C. Gale

Elevation: \_\_\_\_\_

Total Depth: 197' BX Core

DEPTH		% RECOVERY	SAMPLE NUMBER	SAMPLE INTERVAL	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO				Sp. Gr.	BaSO <sub>4</sub>		
					Eastman Whipstock Camera			
							Bearing	Inclination
					Surface		N.34°E.	30°N.
					100'		N.32°30'E.	28°N.
					195'		N.31°E.	28°N.
0.0	10.0							Highly weathered micaous sandstone of Stanley formation. Highly broken.
10.0	21.0							Gray fine grained micros sandstone with heavy limonite staining in fractures.
21.0	38.0							Lithology as above, 36.0 ft. bedding dip 85°N.
38.0	53.0							Lithology as above. Carbon and mangnese filled micro fractures.
53.0	69.0							As above, qtz. filled fracture 67.0 - 69.0'
69.0	85.0							As above, sandstone having high R.Q.D. 74.0-85.0.
85.0	100.0							Sandstone High R.Q.D.
100.0	102.0						"	" "
102.0	115.0							Interbedded black shale and sandstone lamina.
								Occasional marcasite bleb in black shale.

## DRILL HOLE LOG

Drill Hole No. MH-124 Fancy Hill

Date: 6-12-79

Bearing: \_\_\_\_\_ Inclination: \_\_\_\_\_

Drilled By: \_\_\_\_\_

Coordinates: North \_\_\_\_\_ East \_\_\_\_\_

Logged By: \_\_\_\_\_

Elevation: \_\_\_\_\_

Total Depth: \_\_\_\_\_

DEPTH		%	SAMPLE	SAMPLE	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO <sub>4</sub>		
115.0	130.0							As above, sandstone locally is vuggy where silica has been leached or desolved.
130.0	146.2							Sandstone high R.Q.D.
								130.0 - 131.5 highly broken minor fault.
146.2	150.0	98%	323		3.40	49.1		Barite zone, nodular to laminated barite, Bedding dip 87°S. at 147.0' Medium grade
150.0	154.0		324		2.273	40.9		Barite zone, medium grade
154.0	158.0		325		3.019	22.3		Barite zone, low grade, small isolated barite nodules abundant pyrite.
158.0	166.5							Gray Shale
166.5	168.0		326		2.826	6.0		Very low grade barite
168.0	177.2		327		3.219	37.2		Barite low grade
177.2	179.0							Interbedded black and gray shales
179.0	196.8							Interbedded black and gray shale lamina 85°N. dip 180.0
196.8	197.0							Arkansas Novaculite

FANCY HILL DIAMOND DRILL HOLES  
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO <sub>4</sub>
MH-124					
0323		146.2	-150.0		
0324		150.0	-154.0		
0325		154.0	-158.0		
3.0' core loss		163.5	-166.5		
0326		166.5	-168.0		
0327		168.0	-177.2		

FANCY HILL DIAMOND DRILL HOLES  
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO <sub>4</sub>
<u>#124</u>					
0323		146.2-150.0	3.8	3.4	49.1
0324		150.0-154.0	4.0	3.273	40.9
0325		154.0-158.0	4.0	3.019	22.3
0326		166.5-168.0	1.5	2.826	6
0327		168.0-177.2	9.2	3.219	37.2
		TOTAL	22.5		
		WEIGHTED AVERAGE		3.197	35.67
0323-0324		COMPOSITE		3.242	38.8