

Drill Hole No. MH-130 Fancy Hill

Date: July 12, 1979 (completed)

Bearing: N. 17° E. Inclination: 22° N.

Drilled By: Boyles Bro. (Ricky Deaton, Jr. Miller)

Coordinates: North 628,335.74 East 1,452,229.45

Logged By: Ferryl C. Gale

Elevation: 938.68 ft.

Total Depth: 327.0 BX Core

DEPTH FROM TO	% RECOVERY	SAMPLE NUMBER	SAMPLE INTERVAL	ANALYSES		DESCRIPTION OF MATERIAL DRILLED
				Sp. Gr.	BaSO <sub>4</sub>	
				Eastman Camera Survey		
				Bearing		Dip
			Surface	N. 17° E.		22° N.
			110.0	N. 17° E.		19° 30' N.
			210.0	N. 19° 30' E.		16° 30' N.
			310.0	N. 20° E.		14° 30' N.
			327.0	N. 20° E.		14° 30' N.
0.0	17.0					Began core with bevel wall bit and set casing to 17.0 ft.
17.0	29.5					Begin BX coring from surface highly weather micaceous sandstone, highly broken, occasional lamina of black shale. Rock tan in color.
29.5	44.5					Sandstone as above.
44.5	60.5					Light gray sandstone, bleached by ground water around fractures. Shear zone 53.0 - 59.0
60.5	77.0					Sandstone, with occasional lamina of black shale
77.0	92.0					Light and dark gray interbedded sandstone.
92.0	107.0					Lithology as above, quartz and calcite veins
						98.8 - 99.2 105.0 - 105.2
107.0	121.0					Interbedded shales and sandstone, bedding dip at 111.0 ft. is 85° N.

Drill Hole No. MH-130

Date: \_\_\_\_\_

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

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

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

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

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

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

DEPTH		% RECOVERY	SAMPLE NUMBER	SAMPLE INTERVAL	ANALYSES		DESCRIPTION OF MATERIAL DRILLED
FROM	TO				Sp. Gr.	BaSO <sub>4</sub>	
121.0	137.0						Sandstone very competent, however, 134.0 - 137.0 shear zone.
137.0	147.0						Dark gray sandstone
147.0	164.0						Dark and light gray sandstone occasional veinlets of quartz and calcite.
164.0	178.0						Interbedded black shales and gray sandstone, highly broken between contacts. Shear zone 166.0 - 171.0 178.0 contorted bedding.
178.0	193.0						Sandstone, occasional veinlet of quartz and calcite.
193.0	208.0						Sandstone, very competent high R.Q.D.
208.0	223.0						Bedding dip 209.0 is vertical
223.0	231.5						Interbedded shales and sandstone, light gray sandstone.
231.5	232.9		9503		2.906	13.0	Barite zone, low grade, scattered isolated modules in black shale.
232.9	238.0						Light gray sandstone.
238.0	253.0						Interbedded light and dark gray sandstones, modeled texture.
253.0	268.0						Sandstone, very competent, high R.Q.D.

# DRILL HOLE LOG

Drill Hole No. MH-130

Date: \_\_\_\_\_

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

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

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

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

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

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

[illegible]

## FANCY HILL - DIAMOND DRILL HOLES - PHASE II

INDIVIDUAL CORE ANALYSES BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO <sub>4</sub>
MH-130					
9503		231.5-232.9	1.4	2.906	13.0
9504		275.0-279.0	4.0	3.204	36.1
9505		279.0-282.7	3.7	3.181	34.5
9506		282.7-288.2	5.5	3.098	28.4
9507		288.2-289.8	1.4	2.762	0.1
9508		289.8-291.4	1.6	3.072	26.5
9509		291.4-299.0	7.6	2.925	14.6
9510		299.0-304.0	<u>5.0</u>	<u>2.837</u>	<u>7.0</u>
			30.2	3.01	21.56

FANCY HILL DIAMOND DRILL HOLES  
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL.	SPECIFIC GRAVITY	% BaSO4
MH-130					
9503		231.5-232.9			
9504		275.0-279.0			
9505		279.0-282.7			
9506		282.7-288.2			
9507		288.2-289.8			
9508		289.8-291.4			
9509		291.4-299.0			
9510		299.0-304.0			