

Featherstone Development Corporation  
No. 2 Sun-State, NW/4NW/4 19, T17South, R36East,  
Lea County, New Mexico

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Drilling Progress Report

5-29-64: Drlg. 7925' dolo, Dev. 7747' 1"  
5-30-64: Drlg. 8120' dolo & sh  
5-31-64: Drlg. 8403' Dev. 8260' 3/4"  
6-1' Drlg. 8685' dolo. Tripping Dev. 8485' 3/4"  
6-2 Core No. 1 - 8760' - 8780' (20')

Recovered 20' as Follows:

4.0' Very Shaley Dolomite, tite, N/S  
5.0' Tite Anhydrite dolo. N/S  
7.0' Tite Dolomite w/streaks of Shale And inclusions  
of Anhydrite N/S  
1.5' Brecciated dolomite, N/S  
2.5' Tite Shaley Dolomite, N/S

6-3-64: Core No. 2 8780' - 8816' (36')

Recovered 36' As Follows:

12.5' Gray vfg to sub-litho, dense, anhydritic dolo w/large  
inclusions of anhydrite @ 8786', 8787.5' to 8788', N/S  
1.5' Green dolomitic shale  
8.0' Gray vfg reworked and brecciated dense dolomite w/scattered  
occurrences of anhydrite and green shale N/S  
1.0' Gray - Green shaley dolomite, N/S  
13.0' Gray vfg to sub-sucrosic anhydritic dolomite w/large  
inclusions of anhydrite @ 8803'. Reworked 8804' to 8810'  
N/S

6-4-64: Core No. 3 8816' - 8891' (75')

Recovered 75' As Follows:

19.5' Gray vfg dense anhydritic dolomite w/thin gray-green  
streaks of shale and scattered inclusions of  
anhydrite, N/S  
55.5' Gray to gray-green vfg to sub-lithographic dense re-  
worked brecciated dolomite with inclusions of gray-  
green shale and anhydrite. Scattered occurrences of  
zones of gray sub-lithographic anhydritic dolomite  
with scattered thin laminations of shale, N/S

(Cores No. 1, 2, & 3 Represent Back-Reef lithology. No "tree"  
Abo Reef Penetrated).

Ran GR-Acoustic & LL.

6-5-64: Attempted SPT of Paddock & San Andres. Ran Caliper Log of  
Paddock and San Andres.