

AUG 15 1970

F W A DRILLING COMPANY, Inc.

P. O. BOX 916  
PAMPA, TEXAS 79065

28-30-38W

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C NW.

Elev. 3169' KB

Del 1,381,000 CFC  
CGR

8  $\frac{5}{8}$ " 1758' 1100 44  
5  $\frac{1}{2}$ " 2960' 400 14

Co Mesa Petroleum Company  
P. O. Box 2009  
Amarillo, Texas 79105

Gentlemen:

The following is the formation log for your Matzen #2-28,  
Grant County, Kansas:

| DEPTH |      | FORMATION                     |
|-------|------|-------------------------------|
| FROM  | TO   |                               |
| 0     | 635  | Sand and Red Bed              |
| 635   | 1229 | Red Bed, Sand and Gyp         |
| 1229  | 1758 | Red Bed, Gyp and Anhydrite    |
| 1758  | 2168 | Anhydrite                     |
| 2168  | 2427 | Anhydrite and Shale           |
| 2427  | 2630 | Anhydrite, Shale and Dolomite |
| 2630  | 4735 | Dolomite                      |
| 4735  | 4935 | Lime and Shale                |
| 4935  | 5105 | Lime                          |
| 5105  | 5320 | Shale and Lime                |
| 5320  | 5525 | Lime and Shale                |
| 5525  | 5578 | Lime                          |
| 5578  | 5808 | Lime and Sand                 |
| 5808  | 5991 | Lime                          |
| 5991  | 6120 | Dolomite                      |
| 6120  | 6262 | Lime                          |
| 6262  | 6395 | Lime and Chert                |
| 6395  | 6548 | Lime                          |
| 6548  | 6840 | Lime and Shale                |
| 6840  | 6950 | Dolomite                      |
| 6950  | 7025 | Lime and Shale                |



I certify that the above information is true and correct as per  
the logs kept during the drilling of said well.

  
Drilling Superintendent

Sworn and Subscribed to before me, the 18 day of February,  
1970.

  
Notary Public in and for  
Gray County, Texas