

I N C L I N A T I O N R E P O R T

FIELD NAME

Blanco Mesaverde

LEASE NAME

Jicarilla "K"

Well Number

12-E

OPERATOR & ADDRESS

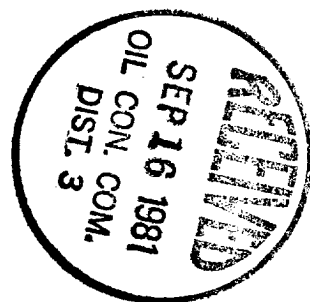
Southern Union Exploration Company  
1217 Main St, Tx Federal Bldg, Suite 400  
Dallas, Texas 75202

LOCATION

Sec 2, T25N, R5W, NMPM

County

Rio Arriba



RECORD OF INCLINATION

| Measured Depth<br>(feet) | Course Length<br>(Hundreds of feet) | Angle of<br>Inclination (Degree) | Displacement per<br>Hundred Feet (Sine of Angle<br>X100) | Course<br>Displacement<br>(feet) | Accumulative<br>Displacement<br>(Feet) |
|--------------------------|-------------------------------------|----------------------------------|--|----------------------------------|--|
| 275                      | 275                                 | $\frac{1}{2}$                    | .87  | 2.39                             | 2.39                                   |
| 843                      | 568                                 | 3/4                              | 1.31   | 7.44                             | 9.83                                   |
| 1658                     | 815                                 | 3/4                              | 1.31   | 10.68                            | 20.51                                  |
| 2099                     | 441                                 | 3/4                              | 1.31   | 5.78                             | 26.29                                  |
| 3168                     | 1069                                | $\frac{1}{2}$                    | .87  | 9.3                              | 35.59                                  |
| 3451                     | 289                                 | $\frac{1}{2}$                    | .87  | 2.51                             | 38.10                                  |
| 3955                     | 504                                 | 3/4                              | 1.31   | 6.6                              | 44.70                                  |
| 4460                     | 505                                 | $\frac{1}{2}$                    | .87  | 4.39                             | 49.09                                  |
| 5121                     | 661                                 | 3/4                              | 1.31   | 8.66                             | 57.75                                  |
| 5247                     | 126                                 | $\frac{1}{2}$                    | .87  | 1.1                              | 58.85                                  |
| 6032                     | 785                                 | $\frac{1}{2}$                    | .87  | 6.83                             | 65.68                                  |
| 6925                     | 893                                 | 3/4                              | 1.31   | 1.17                             | 66.85                                  |
| 7125                     | 200                                 | $\frac{1}{4}$                    | 2.18   | 4.36                             | 71.21                                  |
| 7430                     | 305                                 | 1                                | 1.75   | 5.34                             | 76.55                                  |

*[Signature]*  
Signature of Authorized Representative  
Ronald M. Sentsz, Drilling & Production Engineer

Southern Union Exploration Co.  
Operator

Telephone: 214 742-6051

SUBSCRIBED AND SWORN TO before me, the undersigned  
authority, on this 11 day of September, 1981.

*[Signature]*  
Notary Public in and for  
Dallas County, Texas

My Commission Expires:  
*[Signature]* 1988