

HUBBS OFFICE O. C. C.  
MAY 23 11 53 AM '67

OPERATOR: Southern Minnerals Corp. ADDRESS Corpus Christi, Texas

LEASE State D WELL NO.: 1 FIELD: Inbe Penn

LOCATED: 1980 FNL, 510' FWL, Section 8, Township 11 South,  
Range 34 East, Lea County, New Mexico

INCLINATION REPORT

| Depth | Angle of<br>Inclination (Degrees) | Displacement | Accumulated<br>Displacement |
|-------|-----------------------------------|--------------|-----------------------------|
| 372   | 0.44                              | 1.6368       | 1.6368                      |
| 852   | 0.87                              | 4.1760       | 5.8128                      |
| 1344  | 1.31                              | 4.9200       | 10.7328                     |
| 1837  | 1.31                              | 6.4583       | 17.1911                     |
| 1972  | 0.87                              | 1.1745       | 18.3656                     |
| 2449  | 0.87                              | 4.1499       | 22.5155                     |
| 2944  | 1.31                              | 6.4845       | 29.0800                     |
| 3362  | 1.31                              | 5.4758       | 34.4758                     |
| 3725  | 1.75                              | 6.3525       | 40.8283                     |
| 4045  | 1.75                              | 5.6000       | 46.4283                     |
| 4531  | 0.87                              | 4.2282       | 50.6565                     |
| 5126  | 1.31                              | 7.7945       | 58.4510                     |
| 5418  | 1.31                              | 3.8252       | 62.2762                     |
| 6008  | 1.31                              | 7.7290       | 70.0052                     |
| 6416  | 1.75                              | 7.1400       | 77.1452                     |
| 6700  | 1.31                              | 3.7204       | 80.8656                     |
| 6942  | 0.87                              | 2.1054       | 82.9710                     |
| 7160  | 0.87                              | 1.8966       | 84.8676                     |
| 7400  | 0.87                              | 2.0880       | 86.9556                     |
| 7721  | 1.31                              | 4.2051       | 91.1607                     |
| 8181  | 1.75                              | 8.0500       | 99.2107                     |
| 8370  | 1.75                              | 3.3075       | 102.5182                    |
| 8530  | 1.75                              | 2.8000       | 105.3182                    |
| 8723  | 1.31                              | 2.5283       | 107.8465                    |
| 8994  | 1.31                              | 3.5501       | 111.3966                    |
| 9065  | 1.75                              | 1.2425       | 112.6391                    |
| 9197  | 2.62                              | 3.4684       | 116.1075                    |
| 9410  | 3.49                              | 7.4337       | 123.5412                    |
| 9685  | 3.49                              | 9.6175       | 133.1587                    |

I hereby certify to personal knowledge of the facts and data as set forth above and to the best of my knowledge information given is true and correct.

B & L Drilling Company  
(Drilling Company)

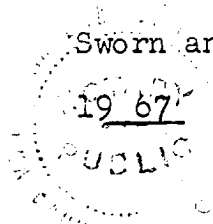
By: [Signature]

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Operator Affidavit

Before me, the undersigned authority, appeared Geo. W. Baker known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

[Signature]  
(Affiant's Signature)

Sworn and subscribed to in my presence this the 2 day of May



[Signature]  
Notary Public in and for County of