

NEW MEXICO SCHOOL OF MINES
STATE BUREAU OF MINES AND MINERAL RESOURCES
Socorro, New Mexico

WELL LOG DIVISION

COUNTY Harding
FIELD Mitchell
COMPANY Carbonic Chemicals
LEASE Mitchell, Well No. 9
LOCATION (¼) NW NW
SEC. 29 T. 19N R. 30E
1085 feet from north line and
341 feet from east line of Sec. 29
COMMENCED 7-13-50
COMPLETED 8-18-50
ABANDONED
REMARKS: Rotary tools used: 0-2051

CASING RECORD

| Diam.in Bottom | ELEVATION | FEET |
|----------------|-----------|------|
| 10-3/4 136 | 4431 | |
| 5-1/2 1922 | | |

INITIAL DAILY PRODUCTION:

| | Open | Aban. | bbls.Oil | cu.ft.Gas |
|------|------|-------|----------|-----------|
| Tbg. | | | | |
| Tbg. | | | | |

| FORMATION | BOTTOM, FEET | FORMATION | BOTTOM, FEET |
|----------------------------------|--------------|----------------------------------|--------------|
| Rotary bushing to ground level | 7 | Hard sand and chert | 1612 |
| Surface sands | 48 | Firm sand with shale breaks | 1660 |
| Surface sands and shales | 124 | Sand and chert with streaks | |
| Gravel | 130 | shale | 1685 |
| Sand and gravel with streaks | | Sand and shale | 1701 |
| shale | 154 | Shale with streaks sand and | |
| Shale with streaks hard sand and | | chert | 1710 |
| gravel | 190 | Blue shale with streaks sand and | |
| Sand and shale | 220 | chert | 1745 |
| (not reported) (from Electric | | Shale with streaks sand and | |
| Log - Limey and sandy shale) | 431 | chert | 1765 |
| Shale | 763 | Sandy shale and streaks chert | 1776 |
| Sandy shale with streaks lime | 822 | Shale with streaks hard sand | 1792 |
| Shale | 912 | Blue shale with streaks sand | |
| Gypsum and shale | 1055 | and chert | 1810 |
| Shell | 1101 | Lime and chert | 1829 |
| Blue shale | 1140 | Shale with streaks pyrite and | |
| Lime and shale | 1205 | chert | 1849 |
| Blue shale | 1286 | Blue shale with streaks sand | |
| Shale and shell with streaks | | and chert | 1862 |
| hard sand | 1303 | Blue shale and lime | 1900 |
| Shale | 1306 | Shale with streaks hard sand and | |
| Shale with streaks shell and | | chert | 1921 |
| sand | 1365 | Hard red shale with streaks sand | 1954 |
| Shale and sand | 1435 | Red rock with streaks shale and | |
| Shale and sandstone with streaks | | sand | 1981 |
| chert | 1460 | Red rock and sand with shale | |
| Hard sand with streaks shell | | streaks | 1985 |
| and chert | 1484 | Red rock with streaks red shale | |
| Blue shale with streaks hard | | and sand and chert | 1993 |
| lime and chert | 1507 | Hard red shale with streaks red | |
| Shell and sandstone | 1511 | sand and rock | 2012 |
| (not reported) from Electric | | Red shale with streaks hard | |
| Log - Limey shale) | 1531 | sand | 2031 |
| Shale with streaks chert and | | Red shale and sand | 2047 |
| sand rock | 1549 | Red shale with show blue shale | |
| Shale with streaks hard sand and | | and hard sand | 2049 |
| chert | 1566 | Solid formation - no recovery in | |
| Shale with sand rock and streaks | | mud stream | 2049 |
| of chert | 1593 | Granite | 2051 |
| Hard sands with streaks pyrite | | | |
| and chert | 1609 | | |

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