

Commenced: 10/11/45

MITCHELL WELL #6

Completed:

## DRILLER'S LOG

HARDING COUNTY  
NEW MEXICO

## Location:

SW $\frac{1}{4}$ , SW $\frac{1}{4}$ , Sec. 8,  
T.19N, R. 30E,  
660' N. of S. line  
660' E. of W. line

0- 30 Sand rock  
30- 90 Red rock  
90- 110 Red beds  
110- 120 Red rock  
120- 140 Sand and brown mud  
140- 155 Sandy shale  
155- 200 Blue shale  
200- 250 Sand (250' small amount water)  
250- 300 Blue shale  
300- 360 Red beds  
360- 370 Red beds and mud  
370- 385 Blue shale  
385- 403 Sandy lime - (hard and sharp)  
403- 405 Gray shale  
405- 475 Red rock  
475- 480 Blue shale  
480- 565 Gray sand  
565- 635 Blue shale (sticky)  
635- 645 Red bed  
645- 685 Blue shale  
685- 695 Shale & red rock  
695- 702 Red rock and sand  
702- 720 Blue shale  
720- 735 Sandy  
735- 740 Blue shale  
740- 755 Sand - (CO<sub>2</sub> gas)  
755- 770 Blue shale (cavy)  
770- 785 Gray sand  
785- 803 Sand & shale  
803- 822 Gray sand  
822- 860 Sand & shale  
860- 950 Sand  
950- 1065 Sand & Shale  
1065- 1075 Shale  
1075- 1165 Red beds  
1165- 1255 Lime shale  
1255- 1270 Red rock & sand (Cavy)  
1270- 1272 Shale  
1272- 1280 Lime  
1280- 1290 Brown shale  
1290- 1315 Lime  
1315- 1390 Red beds (caving)  
1390- 1447 Gray lime (hard)  
1447- 1570 white sand (sharp)  
1570- 1580 Blue shale  
1580- 1588 Gray lime (hard)  
1588- 1606 Brown lime  
1606- 1690 Sand (hard)  
1690- 1710 Red sand

1710-1759 Red sand (hard)  
1759-1775 Red sand (broken)  
1775-1798 Red sand  
1798 CO<sub>2</sub> gas  
1798-1830 Dark lime  
1830-1920 Hard red sand (sharp)  
1920-1965 Red sand & lime  
1965-1980 " " (broken)  
1980-2000 Red sand & lime  
1985 Caving  
2000-2010 Red sand & lime  
2010-2035 " " "  
2035 (caving) CO<sub>2</sub> gas

## Casing record:

12 $\frac{1}{2}$ " casing - 98'  
10" casing - 645'  
8 $\frac{1}{2}$ " casing - 886'-08"  
5 $\frac{1}{2}$ " casing - 1781'-09"  
4 $\frac{1}{2}$ " liner - 219' set @ 2055'  
2" Upset Tubing - 2062'- Bleeder String  
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10/21/46 - 2035-2075, Red shale  
12/20/46 2075-2110, Granite wash  
3/14/47 - Set 2082' Bleeder String 2"  
4/14/47 Well completed