

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 - (CO₂ 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 CO₂ 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) CO₂ gas

Casing record:

12 $\frac{1}{2}$ " casing - 98'
10" casing - 645'
8 $\frac{1}{2}$ " casing - 886'-08"
8 $\frac{1}{2}$ " casing - 1781'-09"
4 $\frac{1}{2}$ " liner - 219' set @ 2055'
2" Upset Tubing - 2062'- Bleeder String
- - - - -
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