

Commenced: 10/11/45

MITCHELL WELL #6

Completed: 4/14/47

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-	1185	Red beds
1185-	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	-	686'-08"
5 $\frac{1}{2}$ " casing	-	1781'-09"
4 $\frac{1}{2}$ " liner	-	219' set 2055'
2" Upset Tubing	-	2082'- Bleeder Stri

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