



[illegible]

| FROM-          | TO-  | TOTAL FEET |
|----------------|------|------------|
| Top of section | 3800 | 3800       |
| Top of section | 3700 | 3700       |
| Top of section | 3600 | 3600       |
| Top of section | 3500 | 3500       |
| Top of section | 3400 | 3400       |
| Top of section | 3300 | 3300       |
| Top of section | 3200 | 3200       |
| Top of section | 3100 | 3100       |
| Top of section | 3000 | 3000       |
| Top of section | 2900 | 2900       |
| Top of section | 2800 | 2800       |
| Top of section | 2700 | 2700       |
| Top of section | 2600 | 2600       |
| Top of section | 2500 | 2500       |
| Top of section | 2400 | 2400       |
| Top of section | 2300 | 2300       |
| Top of section | 2200 | 2200       |
| Top of section | 2100 | 2100       |
| Top of section | 2000 | 2000       |
| Top of section | 1900 | 1900       |
| Top of section | 1800 | 1800       |
| Top of section | 1700 | 1700       |
| Top of section | 1600 | 1600       |
| Top of section | 1500 | 1500       |
| Top of section | 1400 | 1400       |
| Top of section | 1300 | 1300       |
| Top of section | 1200 | 1200       |
| Top of section | 1100 | 1100       |
| Top of section | 1000 | 1000       |
| Top of section | 900  | 900        |
| Top of section | 800  | 800        |
| Top of section | 700  | 700        |
| Top of section | 600  | 600        |
| Top of section | 500  | 500        |
| Top of section | 400  | 400        |
| Top of section | 300  | 300        |
| Top of section | 200  | 200        |
| Top of section | 100  | 100        |
| Top of section | 0    | 0          |

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked," or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Drilled out cement plug & cleaned out to Total Depth 3700'.  
Casing Record

Run 24 tubing to 3608'. Spotted 500 gals. Dowell 15% W-17 acid on bottom, loaded no  
with 160 bbls. oil. Let acid set 1 hour. Broke formation down in open hole 3589-37  
at 4600# breaking to 4300# with max. inf. rate of 28 bbls. per min., min. inf. rate  
5 bbls. per min. Fractured in open hole 3589-3700' with 1013 bbls. tot. oil. 40,000  
sand & 1900# Adomite by Dowell, Inc. Started treatment with sand mixed 1/4" per gal  
oil and gradually increased to 1" sand per gal. at end of treatment. Max. pressure  
4600#, min. pressure 3700#. Max. inf. rate 21.6 bbls. per min. Time of treatment  
1 hr. & 20 mins. Shut down pressure 3100#, dropped to 2200# in 1 hr. and to 1500# 1  
8 hrs.

Plugged back with fire sand to 3554'.  
The quantity of this sand is for the entire length of the well at above level.

Spotted 300 gals. Dowell 15% res. acid over casing perfor. 3502-3510. Loaded hole  
with oil, let acid soak 3 hrs., pressured up to 4500# and formation would not break.  
Let acid soak for another 45 mins., pressured up to 4500# and acid started feeding.  
at the rate of 1 gal. per min., pumped 27 bbls. oil into formation preceded by acid.  
Fractured through perfor. 3502-3510 with 1178 bbls. 1se. oil, 40,000# sand and 1000#  
additive by Dowell, Inc. Max. pressure 4500#, min. pressure 3050#. Max. rate 30  
bbls. per min. Time of treatment 1 hr. & 7 mins. Shut down pressure 2300#, to 1800  
in 20 mins. and to 1700# in 8 hrs. Lowered tubing and circulated out frac sand to

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1865. It is a very important document, as it is the first time that the President has addressed the Congress since the Reconstruction era. The letter discusses the state of the Union and the progress of Reconstruction.