



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **SP**
Lease No. **001226**
Unit **Horseshoe Canyon**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	Sandell Frac.

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. **5** is located **760** ft. from **22N** line and **360** ft. from **E** line of sec. **4**
SE 32/4 Section 4 **20-N** **16-W** **NMPM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Horseshoe-Canyon **San Juan** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5512** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

- 5-16-58 Total Depth 1490'. Clean Out Total Depth 1447'.**
Sandell fractured Lower-Gallup perforated intervals 1306'-1418' (4 sh./ft.)
with 14,700 gallons oil and 15,000# sand. Breakdown pressure 900#, maxi-
imum treating pressure 875#, average treating pressure 825#. Injection
rate 61.1 bbls./min. Flush 1260 gallons.
- 8-14-58 Total Depth 1490'. Temporary Bridge Plug at 1306'.**
Sandell fractured Upper-Gallup perforated intervals 1204'-1323' (4 sh./ft.)
with 15,000 gallons oil and 15,000# sand. Breakdown pressure 900#, maxi-
imum treating pressure 900#, average treating pressure 875#. Injection
rate 68.6 bbls./min. Flush 1323 gallons.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **El Paso Natural Gas Products Company**

Address **Post Office Box 1346**
Farmington, New Mexico

ORIGINAL SIGNED BY: JOSEPH E. KREGER
 By

Title **Petroleum Engineer**

[illegible]

FILE # 100-104044-0042 DATE 08-08-2010

1. The first step in the process of the investigation is the identification of the problem. This involves a thorough review of the available information and a clear definition of the issue at hand.

2. Once the problem is identified, the next step is to gather relevant data. This can be done through various methods, including interviews, surveys, and analysis of existing records.

3. After gathering the data, the investigator must analyze it to identify patterns and trends. This step is crucial in understanding the root cause of the problem.

4. The final step in the process is to develop and implement a solution. This involves creating a plan of action and ensuring that it is effectively carried out.

5. Throughout the entire process, it is important to maintain clear communication and documentation. This ensures that all parties involved are kept informed and that the progress of the investigation is well-recorded.

1. The first part of the document is a letter from the President of the United States to the Secretary of the Navy, dated 18th March 1899. The letter is signed by William McKinley and is addressed to John D. Long. The letter discusses the appointment of a new Secretary of the Navy and the importance of the position.

2. The second part of the document is a letter from the Secretary of the Navy to the President, dated 20th March 1899. The letter is signed by John D. Long and is addressed to William McKinley. The letter discusses the appointment of a new Secretary of the Navy and the importance of the position.

3. The third part of the document is a letter from the Secretary of the Navy to the President, dated 20th March 1899. The letter is signed by John D. Long and is addressed to William McKinley. The letter discusses the appointment of a new Secretary of the Navy and the importance of the position.

4. The fourth part of the document is a letter from the Secretary of the Navy to the President, dated 20th March 1899. The letter is signed by John D. Long and is addressed to William McKinley. The letter discusses the appointment of a new Secretary of the Navy and the importance of the position.

5. The fifth part of the document is a letter from the Secretary of the Navy to the President, dated 20th March 1899. The letter is signed by John D. Long and is addressed to William McKinley. The letter discusses the appointment of a new Secretary of the Navy and the importance of the position.

6. The sixth part of the document is a letter from the Secretary of the Navy to the President, dated 20th March 1899. The letter is signed by John D. Long and is addressed to William McKinley. The letter discusses the appointment of a new Secretary of the Navy and the importance of the position.

7. The seventh part of the document is a letter from the Secretary of the Navy to the President, dated 20th March 1899. The letter is signed by John D. Long and is addressed to William McKinley. The letter discusses the appointment of a new Secretary of the Navy and the importance of the position.

8. The eighth part of the document is a letter from the Secretary of the Navy to the President, dated 20th March 1899. The letter is signed by John D. Long and is addressed to William McKinley. The letter discusses the appointment of a new Secretary of the Navy and the importance of the position.

9. The ninth part of the document is a letter from the Secretary of the Navy to the President, dated 20th March 1899. The letter is signed by John D. Long and is addressed to William McKinley. The letter discusses the appointment of a new Secretary of the Navy and the importance of the position.

10. The tenth part of the document is a letter from the Secretary of the Navy to the President, dated 20th March 1899. The letter is signed by John D. Long and is addressed to William McKinley. The letter discusses the appointment of a new Secretary of the Navy and the importance of the position.

[illegible]

1. The following information is being furnished to you for your information only. It is not intended to be used for any other purpose.

BRILL, H. H. (1910) *Journal of the American Chemical Society*, 32, 1000-1001.