

(SUBMIT IN TRIPLICATE)

U. S. Land Office **Las Cruces**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Lease or permit No. **040422**
S. A. Bowman

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	X
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 REDRILLING 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.....		

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

October 14, 19**42**

Well No. **2** is located **660** ft. from **N** line and **1900** ft. from **E** line of sec. **28**

NW/4 of Sec. 28
(1/4 Sec. and Sec. No.)

19-3
(Twp.)

22-E
(Range)

10PM
(Meridian)

East Lusk
(Field)

Lea
(County or Subdivision)

New Mexico.
(State or Territory)

The elevation of the derrick floor above sea level is **3579** ft.

DETAILS OF WORK

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

Run 8 5/8" OD Casing to 928' and cemented by Halliburton with 50 sk. of cement preceded by 50 sk. of heavy mud circulated to surface. Let set for 72 hrs. and bailed hole dry before drilling plug. Drilled plug and tested water shut-off below shoe. Hole tested dry so started drilling ahead. Well cemented 10/7/42. Plug drilled out 10/10/42. Now drilling ahead below pipe.

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

Company **GULBERTSON & IRWIN, INC.**

Address **P. O. Box 1071**

Midland, Texas.

By

Title **Prod. Supt.**

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

Figure 1. The effect of the concentration of the inhibitor on the rate of polymerization of the monomer. The reaction conditions were: $[M] = 0.05 \text{ mol/L}$, $[AIBN] = 0.001 \text{ mol/L}$, $[I] = 0.001 \text{ mol/L}$, $[I] = 0.002 \text{ mol/L}$, $[I] = 0.004 \text{ mol/L}$, $[I] = 0.008 \text{ mol/L}$, $[I] = 0.016 \text{ mol/L}$, $[I] = 0.032 \text{ mol/L}$, $[I] = 0.064 \text{ mol/L}$, $[I] = 0.128 \text{ mol/L}$, $[I] = 0.256 \text{ mol/L}$, $[I] = 0.512 \text{ mol/L}$, $[I] = 1.024 \text{ mol/L}$, $[I] = 2.048 \text{ mol/L}$, $[I] = 4.096 \text{ mol/L}$, $[I] = 8.192 \text{ mol/L}$, $[I] = 16.384 \text{ mol/L}$, $[I] = 32.768 \text{ mol/L}$, $[I] = 65.536 \text{ mol/L}$, $[I] = 131.072 \text{ mol/L}$, $[I] = 262.144 \text{ mol/L}$, $[I] = 524.288 \text{ mol/L}$, $[I] = 1048.576 \text{ mol/L}$, $[I] = 2097.152 \text{ mol/L}$, $[I] = 4194.304 \text{ mol/L}$, $[I] = 8388.608 \text{ mol/L}$, $[I] = 16777.216 \text{ mol/L}$, $[I] = 33554.432 \text{ mol/L}$, $[I] = 67108.864 \text{ mol/L}$, $[I] = 134217.728 \text{ mol/L}$, $[I] = 268435.456 \text{ mol/L}$, $[I] = 536870.912 \text{ mol/L}$, $[I] = 1073741.824 \text{ mol/L}$, $[I] = 2147483.648 \text{ mol/L}$, $[I] = 4294967.296 \text{ mol/L}$, $[I] = 8589934.592 \text{ mol/L}$, $[I] = 17179869.184 \text{ mol/L}$, $[I] = 34359738.368 \text{ mol/L}$, $[I] = 68719476.736 \text{ mol/L}$, $[I] = 137438953.472 \text{ mol/L}$, $[I] = 274877906.944 \text{ mol/L}$, $[I] = 549755813.888 \text{ mol/L}$, $[I] = 1099511627.776 \text{ mol/L}$, $[I] = 2199023255.552 \text{ mol/L}$, $[I] = 4398046511.104 \text{ mol/L}$, $[I] = 8796093022.208 \text{ mol/L}$, $[I] = 17592186044.416 \text{ mol/L}$, $[I] = 35184372088.832 \text{ mol/L}$, $[I] = 70368744177.664 \text{ mol/L}$, $[I] = 140737488355.328 \text{ mol/L}$, $[I] = 281474976710.656 \text{ mol/L}$, $[I] = 562949953421.312 \text{ mol/L}$, $[I] = 1125899906842.624 \text{ mol/L}$, $[I] = 2251799813685.248 \text{ mol/L}$, $[I] = 4503599627370.496 \text{ mol/L}$, $[I] = 9007199254740.992 \text{ mol/L}$, $[I] = 18014398509481.984 \text{ mol/L}$, $[I] = 36028797018963.968 \text{ 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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 8, 1942

Well No. **2** is located **660** ft. from **N** line and **1900** ft. from **E** line of sec. **28**
NE 1/4 of NW 1/4 of Sec. 28 19-S 32-E NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
East Lusk Lea New Mexico.
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **3875** ft.

DETAILS OF WORK

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

Top of Anhydrite 800'. Ran 5 5/8" OD casing to 928' and cemented with 50 Ex. of cement by Halliburton preceded by heavy mud circulated to the surface. Will let stand 72 hrs. before testing water shut off and drilling plug. Work done 10/7/42.

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

Company **Gulbertson & Irwin, Inc.**

Address **P. O. Box 1071**
Midland, Texas.

By

Title **Prod. Supt.**

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. It is a very important document, as it sets out the President's policy for the new year. The President states that he is pleased to see the Congress assembled, and that he is confident that the country is in a good position to meet the challenges of the future. He also mentions the recent election of Abraham Lincoln as President, and expresses his confidence in the new administration.

2. The second part of the document is a report from the Secretary of the Treasury, dated January 1, 1861. It provides a detailed account of the financial state of the country at the beginning of the year. The report states that the country is in a sound financial position, with a strong credit rating and a healthy balance of payments. It also mentions the recent increase in the national debt, and expresses confidence that the government will be able to manage the debt effectively.

3. The third part of the document is a report from the Secretary of the Interior, dated January 1, 1861. It provides a detailed account of the state of the country's natural resources, including land, minerals, and wildlife. The report states that the country has a vast amount of natural resources, and that the government is committed to managing these resources in a sustainable and responsible manner. It also mentions the recent discovery of gold in California, and expresses confidence that the country will continue to prosper.

4. The fourth part of the document is a report from the Secretary of the Navy, dated January 1, 1861. It provides a detailed account of the state of the country's naval forces, including the number of ships, the crew, and the equipment. The report states that the country has a strong naval force, and that the government is committed to maintaining and improving this force.

5. The fifth part of the document is a report from the Secretary of the War, dated January 1, 1861. It provides a detailed account of the state of the country's military forces, including the number of soldiers, the equipment, and the training. The report states that the country has a strong military force, and that the government is committed to maintaining and improving this force.

6. The sixth part of the document is a report from the Secretary of the State, dated January 1, 1861. It provides a detailed account of the country's foreign relations, including the state of relations with other countries and the results of diplomatic efforts. The report states that the country has a strong reputation in the world, and that the government is committed to maintaining and improving this reputation.

7. The seventh part of the document is a report from the Secretary of the Education, dated January 1, 1861. It provides a detailed account of the state of the country's education system, including the number of schools, the students, and the teachers. The report states that the country has a strong education system, and that the government is committed to maintaining and improving this system.

8. The eighth part of the document is a report from the Secretary of the Agriculture, dated January 1, 1861. It provides a detailed account of the state of the country's agriculture, including the production of crops and livestock. The report states that the country has a strong agricultural sector, and that the government is committed to maintaining and improving this sector.