

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Maricopa Indians

Lease No. Contract 177

Unit Sec. 15, T. 23N, R. 5E  
Sections 1, 15, 16

Number 166396

## 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	<u>Report of completing operations</u>	<u>1</u>

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

Maricopa Indians Maricopa, 1954  
of 16.1 in.

Well No. 1 is located 99 ft. from N line and 114 ft. from E line of sec. 15

8-14 of 16-14 of Sec. 15 2-1 5 166396  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Maricopa Indians Maricopa Ariz.  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6864 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)

The following describes the work done in completing Maricopa in the original lower zone from 6663 to 6675 feet:

10-6-54: Drilled magnesium retainer at 5690', cement to 5739'. Tested casing with 1500 G.P. for 30 minutes. Test W.A. started drilling cast iron bridge plug at 5737 feet. Lost small cone off feed bit. Running magnetic tool on s-ab line to recover junk.

1-10-54: Finished drilling retainer at 5739'. Drilled cement to 5820'. Tested perforations from 5745 to 5772 with 1500 G.P. for 30 minutes. Test W.A.

10-10-54: Drilled retainer at 5820'. Drilled on cast iron bridge plug at (cont'd on attached sheet.)

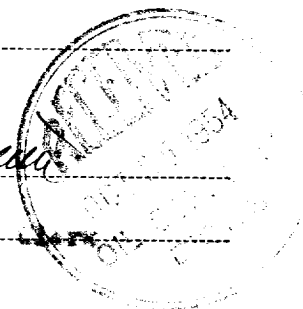
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Maricopa Oil & Refining Company

Address Box 234, Lordsburg, N.M.

By R.M. Fick

Title District Chief Clerk



6625 feet. Bottom part of plug broke loose. Drilled and pushed plug to 6647 feet. Circulated out gas. Now drilling plug at 6648 feet.

10-11-54: Drilled and pushed plug from 6648 to 6655 feet.

10-12-54: Drilled and pushed plug from 6655 to 6729 feet.

10-13-54: Ran 221 joints 2-inch tubing totaling 6659.10 feet, set at 6672.10 feet. Halliburton packer set at 6636 feet. Rigged up and swabbed 80 barrels fresh water to pit. Started showing distillate and gas. On 5 hour test in tank swabbed 18 barrels fluid, 13 barrels fresh water and 5 barrels distillate. Strong show of gas.

10-14-54: Well kicked off and started flowing at 6:00 A.M. On 20 hour flowing test well produced 46.78 barrels fluid, 23.38 barrels 58 gravit. distillate. Shake-out gradually decreased until on last 4 hours showed 4% B.S.W. Chloride content 10,000 PPM. On 2 hour buildup test from 5:00 P.M. to 7:00 P.M. pressure built up to 1425#. Presently producing through 3/4-inch choke. Tubing pressure 95#. Gas volume at rate of 560 Mcf/day.

10-15-54: Produced well 4 hours through 3/4-inch choke. Produced 8.35 barrels fluid, 4.17 barrels distillate. Gas at rate of 492 Mcf/day. Shut well in 1-1/4 hours, changing connections. Produced well 18 hours on 1/2-inch choke. Well produced 36.74 barrels fluid, 26.88 barrels distillate, 58 gravity at 38° F, tubing pressure 200#, gas at rate of 875 Mcf/day.

10-16-54: On 24 hour test through 1/2-inch choke well produced 41.75 barrels fluid, 27.55 barrels distillate. Chloride content 10,000 PPM. Tubing pressure 195#. Gas at rate of 859 Mcf/day.

10-17-54: On 12 hour test well produced 16.70 barrels fluid, 10.02 barrels distillate. Shake-out calculated 41%. Tubing pressure 195#. Gas at rate of 875 Mcf/day. Corrected gravity 60.6° API. Opened well and blew to air for 30 minutes to check tubing for ice. No ice evident. Shut well in for 30 minutes and built up to 1150# pressure.

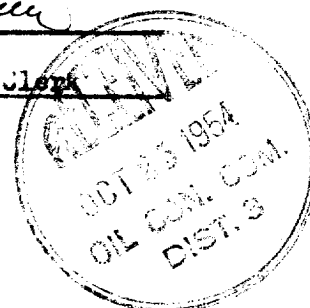
10-18-54: Released pulling unit at 12:00 noon, 10-16-54. On 16-1/2 hour test well produced 33.40 barrels fluid, 20.04 barrels distillate, and 13.36 barrels water on bleed-off test. Shake-out calculated 40%. Tubing pressure 195#. Gas at rate of 859 Mcf/day. Corrected gravity 60.6 degrees. Shut well in at 10:30 A.M., 10-18-54. Build up pressure after 5 hours 1750#. Completed as a flowing gas-distillate well producing through perforations from 6663 to 6675 feet. Original T.D. 7658 feet. Plug back depth 6729 feet.

Humble Oil & Refining Company  
Box 2347  
Hobbs, New Mexico

Signed *X M. J. G. J. G.*

Title District Chief Clerk

Jmb



1. The first part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a very important document, as it contains the President's annual message to Congress. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

2. The second part of the document is a report from the Secretary of the Treasury, dated January 3, 1862. It is a very important document, as it contains the Secretary's annual report to Congress. The report is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

3. The third part of the document is a report from the Secretary of the Interior, dated January 3, 1862. It is a very important document, as it contains the Secretary's annual report to Congress. The report is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

4. The fourth part of the document is a report from the Secretary of the War, dated January 3, 1862. It is a very important document, as it contains the Secretary's annual report to Congress. The report is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

5. The fifth part of the document is a report from the Secretary of the Navy, dated January 3, 1862. It is a very important document, as it contains the Secretary's annual report to Congress. The report is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

6. The sixth part of the document is a report from the Secretary of the State, dated January 3, 1862. It is a very important document, as it contains the Secretary's annual report to Congress. The report is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

7. The seventh part of the document is a report from the Secretary of the War, dated January 3, 1862. It is a very important document, as it contains the Secretary's annual report to Congress. The report is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

8. The eighth part of the document is a report from the Secretary of the Navy, dated January 3, 1862. It is a very important document, as it contains the Secretary's annual report to Congress. The report is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

9. The ninth part of the document is a report from the Secretary of the State, dated January 3, 1862. It is a very important document, as it contains the Secretary's annual report to Congress. The report is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.