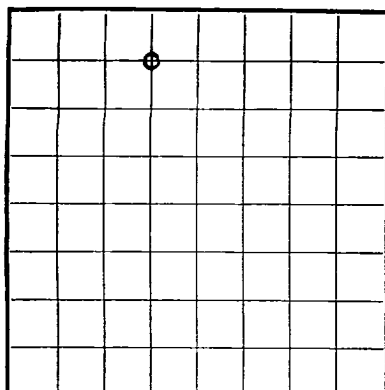
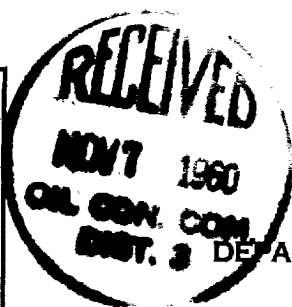




LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYU. S. LAND OFFICE  
SERIAL NUMBER  
LEASE OR PERMIT TO PROSPECTRECEIVED  
NOV 4 1960  
U. S. GEOLOGICAL SURVEY  
SARASOTA, NEW MEXICO

## LOG OF OIL OR GAS WELL

Company Margamated Petroleum Co. Address 700 West 40th Avenue  
Lessor or Tract Navajo Tribe Field Wildcat State New Mexico  
Well No. 2 Sec. 27 T. 32 R. 15 Meridian N. 100 County San Juan  
Location 550 ft. N. of N. Line and 190 ft. E. of W. Line of Sec. 27 Elevation 2222.6  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed C. S. HarmonDate October 30, 1960 Title President

The summary on this page is for the condition of the well at above date.

Commenced drilling September 25, 1960 Finished drilling October 3, 1960

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 222 to 1113 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from None to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| Size casing      | Weight per foot | Threads per inch | Make       | Amount        | Kind of shoe              | Cut and pulled from | Perforated |             | Purpose           |
|------------------|-----------------|------------------|------------|---------------|---------------------------|---------------------|------------|-------------|-------------------|
|                  |                 |                  |            |               |                           |                     | From—      | To—         |                   |
| <u>7 in.</u>     | <u>20 lbs.</u>  | <u>4</u>         | <u>Red</u> | <u>22 ft.</u> | <u>none drilled w/cir</u> | <u>none</u>         | <u>990</u> | <u>1113</u> | <u>surface</u>    |
| <u>4 1/2 in.</u> | <u>20 lbs.</u>  | <u>4</u>         | <u>Red</u> | <u>1227</u>   | <u>none</u>               | <u>249</u>          | <u>990</u> | <u>1113</u> | <u>production</u> |
|                  |                 |                  |            |               |                           |                     |            |             | <u>string</u>     |

## MUDDING AND CEMENTING RECORD

| Size casing      | Where set       | Number sacks of cement | Method used       | Mud gravity | Amount of mud used |
|------------------|-----------------|------------------------|-------------------|-------------|--------------------|
| <u>7 in.</u>     | <u>22 ft.</u>   | <u>3</u>               | <u>Circulated</u> | <u>1.6</u>  | <u>Unknown</u>     |
| <u>4 1/2 in.</u> | <u>1227 ft.</u> | <u>3</u>               | <u>Circulated</u> |             | <u>Unknown</u>     |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 1310 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from None feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

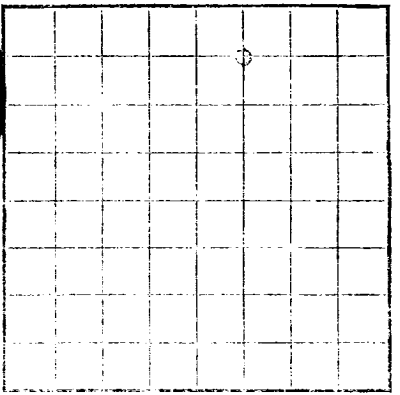
Carl Harmon, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET | FORMATION                        |
|-------------|-------------|------------|----------------------------------|
| <u>0</u>    | <u>990</u>  | <u>990</u> | <u>Mancos Shale (Cretaceous)</u> |
| <u>990</u>  | <u>1126</u> | <u>146</u> | <u>Gallup Sand (Cretaceous)</u>  |
| <u>1126</u> | <u>1310</u> | <u>184</u> | <u>Joana Lopez (Cretaceous)</u>  |

(OVER)

FORMATION RECORD—CONT. 1960



LOCATE WELL CORRECTLY



LOG OF OIL OR GAS WELL

U.S. GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR  
UNITED STATES

Lease or Permit to Prospect

Serial Number

U.S. Land Office

Approved by Special Agent in Charge

Company \_\_\_\_\_  
Location of well \_\_\_\_\_  
The information on this log is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Date \_\_\_\_\_  
The summary of this page is for the condition of the well at above date.

Completed drilling \_\_\_\_\_

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

| Casing | Size | Weight | Length | Remarks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------|------|--------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |      |        |        | 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, 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 drilling. |

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

MUDGING AND CEMENTING RECORD

| Kind of mud | Amount | Remarks |
|-------------|--------|---------|
|             |        |         |

SHOOTING RECORD

| Size | Weight | Remarks |
|------|--------|---------|
|      |        |         |

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

DATES

Put to producing \_\_\_\_\_  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ was oil.  
It gas well, on the per 24 hours \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

FORMATION RECORD

| FROM - | TO - | TOTAL FEET | FORMATION |
|--------|------|------------|-----------|
|        |      |            |           |

FORMATION RECORD—Continued