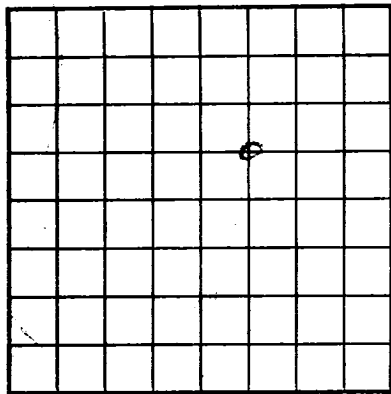




Las Cruces  
U. S. LAND OFFICE 065447-A  
SERIAL NUMBER  
LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SEP 19 1957

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company SOUTHERN CALIFORNIA PET. CORP. Address Box 1071, Midland, Texas  
Lessor or Tract Federal-Bobb "C" Field Teas State New Mexico  
Well No. 1 Sec. 13 T. 20S R. 33E Meridian N.M.P.M. County Lea  
Location 1980 ft. N. of 1980 ft. E. of east Line of Sec. 13 Elevation 3607  
(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 [Signature] Title Division Engineer  
Date September 17, 1957

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

Commenced drilling July 21, 1957 Finished drilling August 30, 1957  
All depths from DF, 1' above FL. OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 3290 to 3330 No. 4, from to  
No. 2, from 3350 to 3370 No. 5, from to  
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 390 to 520 No. 3, from to  
No. 2, from 945 to 990 No. 4, from to

CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make    | Amount | Kind of shoe | XXXX | Perforated |     | Purpose    |
|-------------|-----------------|------------------|---------|--------|--------------|------|------------|-----|------------|
|             |                 |                  |         |        |              |      | From—      | To— |            |
| 13-3/8"     | 105             | 8                | SH      | 105    | RP           | 105  |            |     | Protection |
| 10-3/4"     | 350             | "                | "       | 350    | "            | 350  |            |     | "          |
| 8-5/8"      | 990             | "                | "       | 990    | "            | 990  |            |     | "          |
| 5 1/2"      | 14-15.5         | 8                | Spang & | 3369   | MP           | 3292 | 3328       |     | Oil string |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity       | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------------|--------------------|
| 13-3/8"     | 105       | Mudded & pulled        |             |                   | 10 sax             |
| 10-3/4"     | 350       | "                      | "           |                   | " "                |
| 8-5/8"      | 990       | "                      | "           |                   | " "                |
| 5 1/2"      | 3369      | 995 (1:1 Diamix)       | P&P         | Contd. to surface |                    |

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set  
Adapters—Material Size Baker Bridge Plug @ 3362'

SHOOTING RECORD

| Size                                                                                                                                                                | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|----------|------|------------|-------------------|
| Treatment: Perfs. 3292-3328' treated w/250 gals. mud acid. BD press. 1300-800 psi; 10,000 gals. refined oil & 15,000 lbs. 10/20 sand @ 1400-1900 psi @ 19 bbls/min. |            |                |          |      |            |                   |

TOOLS USED

Rotary tools were used from 3372 feet to 3389 feet, and from feet to feet  
Cable tools were used from 0 feet to 3372 feet, and from feet to feet

DATES

Recover lead oil 9/3-13/57 Put to producing Sept. 14, 1957  
The production for the first 24 hours was 60 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, 26° API 33.6  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller Driller  
Driller Driller

FORMATION RECORD

| FROM— | TO—       | TOTAL FEET | FORMATION                     |
|-------|-----------|------------|-------------------------------|
| 0     | 90        | 90         | Surface gravel & caliche      |
| 90    | 1400      | 1310       | Red beds                      |
| 1400  | 1455      | 55         | Anhydrite & sand              |
| 1455  | 1470      | 15         | Salt                          |
| 1470  | 1535      | 65         | Anhydrite & sand              |
| 1535  | 2990      | 1455       | Salt w/anhydrite & polyhalite |
| 2990  | 3110      | 20         | Anhydrite                     |
| 3110  | 3256      | 146        | Dolomite & anhydrite          |
| 3256  | 3280      | 24         | Sant, anhydrite & dolomite    |
| 3280  | 3330      | 50         | Oil sand (top 10' shaley)     |
| 3330  | 3350      | 20         | Dolomite & shaley sand        |
| 3350  | 3370      | 20         | Oil sand                      |
| 3370  | 3387      | 17         | Shaley sand (no show)         |
| 3387  | 3389 T.D. | 2          | Dolomite                      |

(OVER)

U.S. Land Office  
005447-A  
125 Closes

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

DATE RECORDED 17, 1957  
THIS DIVISION ENGINEER

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 \_\_\_\_\_  
Special Agent in Charge

Location \_\_\_\_\_  
Well No. \_\_\_\_\_  
Section \_\_\_\_\_ T. \_\_\_\_\_ S. \_\_\_\_\_ R. \_\_\_\_\_  
Meridian \_\_\_\_\_  
P.M.S.N. \_\_\_\_\_  
Field Notes \_\_\_\_\_  
Address \_\_\_\_\_  
New Mexico \_\_\_\_\_  
Southern California Petroleum Company --  
Box 1001, Midland, Texas

Oil of Gas Sands or Noma  
All depths from Dr.  
Commenced drilling July 21  
Finished drilling August 30  
The numbers on the page for the condition of the well at above date

| From    | To       | Amount | Balance |
|---------|----------|--------|---------|
| 10/1/00 | 10/31/00 | 100.00 | 100.00  |
| 11/1/00 | 11/30/00 | 100.00 | 200.00  |
| 12/1/00 | 12/31/00 | 100.00 | 300.00  |
| 1/1/01  | 1/31/01  | 100.00 | 400.00  |
| 2/1/01  | 2/28/01  | 100.00 | 500.00  |
| 3/1/01  | 3/31/01  | 100.00 | 600.00  |
| 4/1/01  | 4/30/01  | 100.00 | 700.00  |
| 5/1/01  | 5/31/01  | 100.00 | 800.00  |
| 6/1/01  | 6/30/01  | 100.00 | 900.00  |
| 7/1/01  | 7/31/01  | 100.00 | 1000.00 |
| 8/1/01  | 8/31/01  | 100.00 | 1100.00 |
| 9/1/01  | 9/30/01  | 100.00 | 1200.00 |
| 10/1/01 | 10/31/01 | 100.00 | 1300.00 |
| 11/1/01 | 11/30/01 | 100.00 | 1400.00 |
| 12/1/01 | 12/31/01 | 100.00 | 1500.00 |
| 1/1/02  | 1/31/02  | 100.00 | 1600.00 |
| 2/1/02  | 2/28/02  | 100.00 | 1700.00 |
| 3/1/02  | 3/31/02  | 100.00 | 1800.00 |
| 4/1/02  | 4/30/02  | 100.00 | 1900.00 |
| 5/1/02  | 5/31/02  | 100.00 | 2000.00 |
| 6/1/02  | 6/30/02  | 100.00 | 2100.00 |
| 7/1/02  | 7/31/02  | 100.00 | 2200.00 |
| 8/1/02  | 8/31/02  | 100.00 | 2300.00 |
| 9/1/02  | 9/30/02  | 100.00 | 2400.00 |
| 10/1/02 | 10/31/02 | 100.00 | 2500.00 |
| 11/1/02 | 11/30/02 | 100.00 | 2600.00 |
| 12/1/02 | 12/31/02 | 100.00 | 2700.00 |
| 1/1/03  | 1/31/03  | 100.00 | 2800.00 |
| 2/1/03  | 2/28/03  | 100.00 | 2900.00 |
| 3/1/03  | 3/31/03  | 100.00 | 3000.00 |
| 4/1/03  | 4/30/03  | 100.00 | 3100.00 |
| 5/1/03  | 5/31/03  | 100.00 | 3200.00 |
| 6/1/03  | 6/30/03  | 100.00 | 3300.00 |
| 7/1/03  | 7/31/03  | 100.00 | 3400.00 |
| 8/1/03  | 8/31/03  | 100.00 | 3500.00 |
| 9/1/03  | 9/30/03  | 100.00 | 3600.00 |
| 10/1/03 | 10/31/03 | 100.00 | 3700.00 |
| 11/1/03 | 11/30/03 | 100.00 | 3800.00 |
| 12/1/03 | 12/31/03 | 100.00 | 3900.00 |
| 1/1/04  | 1/31/04  | 100.00 | 4000.00 |
| 2/1/04  | 2/28/04  | 100.00 | 4100.00 |
| 3/1/04  | 3/31/04  | 100.00 | 4200.00 |
| 4/1/04  | 4/30/04  | 100.00 | 4300.00 |
| 5/1/04  | 5/31/04  | 100.00 | 4400.00 |
| 6/1/04  | 6/30/04  | 100.00 | 4500.00 |
| 7/1/04  | 7/31/04  | 100.00 | 4600.00 |
| 8/1/04  | 8/31/04  | 100.00 | 4700.00 |
| 9/1/04  | 9/30/04  | 100.00 | 4800.00 |
| 10/1/04 | 10/31/04 | 100.00 | 4900.00 |
| 11/1/04 | 11/30/04 | 100.00 | 5000.00 |
| 12/1/04 | 12/31/04 | 100.00 | 5100.00 |
| 1/1/05  | 1/31/05  | 100.00 | 5200.00 |
| 2/1/05  | 2/28/05  | 100.00 | 5300.00 |
| 3/1/05  | 3/31/05  | 100.00 | 5400.00 |
| 4/1/05  | 4/30/05  | 100.00 | 5500.00 |
| 5/1/05  | 5/31/05  | 100.00 | 5600.00 |
| 6/1/05  | 6/30/05  | 100.00 | 5700.00 |
| 7/1/05  | 7/31/05  | 100.00 | 5800.00 |
| 8/1/05  | 8/31/05  | 100.00 | 5900.00 |
| 9/1/05  | 9/30/05  | 100.00 | 6000.00 |
| 10/1/05 | 10/31/05 | 100.00 | 6100.00 |
| 11/1/05 | 11/30/05 | 100.00 | 6200.00 |
| 12/1/05 | 12/31/05 | 100.00 | 6300.00 |
| 1/1/06  | 1/31/06  | 100.00 | 6400.00 |
| 2/1/06  | 2/28/06  | 100.00 | 6500.00 |
| 3/1/06  | 3/31/06  | 100.00 | 6600.00 |
| 4/1/06  | 4/30/06  | 100.00 | 6700.00 |
| 5/1/06  | 5/31/06  | 100.00 | 6800.00 |
| 6/1/06  | 6/30/06  | 100.00 | 6900.00 |
| 7/1/06  | 7/31/06  | 100.00 | 7000.00 |
| 8/1/06  | 8/31/06  |        |         |

CHOOCH, 1974

2-14-10.2 8  
1-2-10.2 8  
HISTORY OF OIL OR GAS WELL  
3585  
3585 011 10.2  
U.S. GOVERNMENT PRINTING OFFICE  
8-14-10.2 8  
It is of the greatest importance to have a complete history of the well. These state in detail the dates of reworking, 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 added 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 rings or bridges were put in to test for water, state kind of material used, position, and results of pumping or testing.

## HISTORY OF OIL OR GAS WELL

| FROM | TO        | TOTAL FEET | FORMATION                     |
|------|-----------|------------|-------------------------------|
| 3387 | 3389 T.D. | 2          | Dolomite                      |
| 3370 | 3387      | 17         | Shaley sand (no show)         |
| 3350 | 3370      | 20         | Oil sand                      |
| 3330 | 3350      | 20         | Dolomite & shaley sand        |
| 3280 | 3330      | 50         | Oil sand (top 10' shaley)     |
| 3255 | 3280      | 25         | Sand, anhydrite & dolomite    |
| 3110 | 3255      | 145        | Dolomite & anhydrite          |
| 2990 | 3110      | 20         | Anhydrite                     |
| 1231 | 2990      | 1455       | Salt w/anhydrite & polyhalite |
| 1470 | 1231      | 65         | Anhydrite & sand              |
| 1455 | 1470      | 15         | Salt                          |
| 1400 | 1455      | 55         | Anhydrite & sand              |
| 90   | 1400      | 1310       | Red beds                      |
| 0    | 90        | 90         | Surface gravel & caliche      |

| FORMATION RECORD | TO | TOTAL FEET | FORMATION |
|------------------|----|------------|-----------|
| Driller          |    |            |           |
| Driller          |    |            |           |

| EMPLOYEES                                                              | TO | TOTAL FEET | FORMATION |
|------------------------------------------------------------------------|----|------------|-----------|
| Rock pressure, lbs. per sq. in.                                        |    |            |           |
| If gas well, cu. ft. per 24 hours                                      |    |            |           |
| Emulsion; % water and % sediment                                       |    |            |           |
| The production for the first 24 hours was                              |    |            |           |
| Recover lost oil: 2/3-10/21                                            |    |            |           |
| First to producing                                                     |    |            |           |
| DATE                                                                   |    |            |           |
| Cable tools were used from                                             |    |            |           |
| Runny tools were used from                                             |    |            |           |
| TOOLS USED                                                             |    |            |           |
| 1400-1900 psi @ 19 psi/min.                                            |    |            |           |
| 1300-600 psi; 10,000 gals. refined oil & 15,000 lbs. 10/20 sand @      |    |            |           |
| Treatment: Perfor. 3232-3255, treated w/250 gals. mud acid. 100 press. |    |            |           |
| SHOOTING RECORD                                                        |    |            |           |
| Adapters--Material                                                     |    |            |           |
| Leaving plug--Material                                                 |    |            |           |
| PLUGS AND ADAPTERS                                                     |    |            |           |
| Size: 3/8" plug @ 3274'                                                |    |            |           |
| Deposited                                                              |    |            |           |
| MUDGING AND CEMENTING RECORD                                           |    |            |           |
| Size casing                                                            |    |            |           |
| Weight                                                                 |    |            |           |
| Number rods of cement                                                  |    |            |           |
| Mud used                                                               |    |            |           |
| Mud gravity                                                            |    |            |           |
| Amount of mud used                                                     |    |            |           |