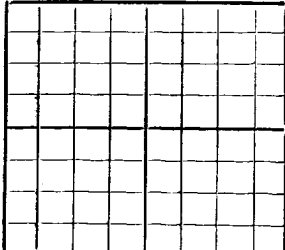


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NEW MEXICO STATE LAND OFFICE  
SANTA FE, NEW MEXICO

## DEPARTMENT OF THE STATE GEOLOGIST

## WELL RECORD

JAN 13 1936 AM

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days  
after completion of well. Indicate questionable data by fol-  
lowing it with (?). Submit in duplicate.

Company The California Company Address Midland, Texas  
Send correspondence to The California Co. Address Midland, Texas  
New Mex. State 2 Well No. 1 in SE/4 of Sec. 20 T. 21-S  
R. 36-E, N. M. P. M., Eunice Oil Field Lea County.  
If State land the oil and gas lease is No. B 1846 Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
The lessee is The California Company Address Midland, Texas  
If not state or patented land, give status \_\_\_\_\_  
Drilling commenced 6-30 19 35 Drilling was completed 8-8 19 35  
Name of drilling contractor Geo. Barham Address Midland, Texas  
Elevation above sea level at top of casing 3637 feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from 3850 to 3950 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          | WEIGHT<br>PER FOOT | THREADS<br>PER INCH | MAKE             | AMOUNT      | KIND OF<br>SHOE  | CUT AND PULLED<br>FROM | PERFORATED |    | PURPOSE |
|---------------|--------------------|---------------------|------------------|-------------|------------------|------------------------|------------|----|---------|
|               |                    |                     |                  |             |                  |                        | FROM       | TO |         |
| <u>13-3/8</u> | <u>54.5</u>        | <u>8</u>            | <u>No record</u> | <u>45</u>   | <u>None</u>      |                        |            |    |         |
| <u>8-5/8</u>  | <u>32</u>          | <u>8</u>            | <u>Chester</u>   | <u>1620</u> | <u>Tex. Pat.</u> |                        |            |    |         |
| <u>5-3/4</u>  | <u>17</u>          | <u>10</u>           | <u>J&amp;L</u>   | <u>3834</u> | <u>Baker</u>     |                        |            |    |         |
|               |                    |                     |                  |             |                  |                        |            |    |         |
|               |                    |                     |                  |             |                  |                        |            |    |         |
|               |                    |                     |                  |             |                  |                        |            |    |         |
|               |                    |                     |                  |             |                  |                        |            |    |         |

## MUDDING AND CEMENTING RECORD

| SIZE          | WHERE SET   | NO. SACKS OF CEMENT | METHODS USED       | MUD GRAVITY | AMOUNT OF MUD USED |
|---------------|-------------|---------------------|--------------------|-------------|--------------------|
| <u>13-3/8</u> | <u>62</u>   | <u>50</u>           | <u>Halliburton</u> |             |                    |
| <u>8-5/8</u>  | <u>1636</u> | <u>400</u>          | <u>"</u>           |             |                    |
| <u>5-5/4</u>  | <u>3848</u> | <u>300</u>          | <u>"</u>           |             |                    |
|               |             |                     |                    |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material None 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 3950 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing 8-7 19 35.  
The production 1 hr. test was 177 barrels of fluid of which 100 % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be \_\_\_\_\_  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

## CONTRACTOR'S EMPLOYEES

J. S. Yarbrough, Driller A. Gaekl, Driller  
M. Featherston, Driller S. W. Ferrell, Driller  
C. White Ed. Claunch

## FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work  
done on it so far as can be determined from available records.

Subscribed and sworn to before me this \_\_\_\_\_ Name \_\_\_\_\_  
day of \_\_\_\_\_, 19 \_\_\_\_\_ Position \_\_\_\_\_  
Representing \_\_\_\_\_  
Notary Public. \_\_\_\_\_ Company or Operator \_\_\_\_\_  
My commission expires \_\_\_\_\_

## FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION                                                   |
|------|------|----------------------|-------------------------------------------------------------|
| 0    | 19   | 19                   | Cellar (Caliche)                                            |
| 19   | 30   | 11                   | Caliche                                                     |
| 30   | 64   | 34                   | Red sand                                                    |
| 64   | 240  | 176                  | Red sand                                                    |
| 240  | 340  | 100                  | Sand                                                        |
| 340  | 399  | 59                   | Red bed                                                     |
| 399  | 436  | 37                   | Red bed and hard sand                                       |
| 436  | 670  | 234                  | Red bed and hard shales                                     |
| 670  | 889  | 219                  | Red bed and hard sand                                       |
| 889  | 1014 | 125                  | Red beds and sand shells                                    |
| 1014 | 1063 | 49                   | Hard sand                                                   |
| 1063 | 1120 | 57                   | Sand and shells                                             |
| 1120 | 1128 | 8                    | Red bed and sandy shells                                    |
| 1128 | 1135 | 7                    | Lime                                                        |
| 1135 | 1175 | 40                   | Red bed                                                     |
| 1175 | 1208 | 33                   | Sand shells and lime                                        |
| 1208 | 1263 | 55                   | Red bed and shale                                           |
| 1263 | 1326 | 63                   | Red beds and gyp shells                                     |
| 1326 | 1368 | 42                   | Red bed and blue shale                                      |
| 1368 | 1408 | 40                   | Red beds and blue shale                                     |
| 1408 | 1435 | 27                   | Red beds, blue shale and shells                             |
| 1435 | 1440 | 5                    | Red beds, blue shale and shells                             |
| 1440 | 1454 | 14                   | Anhydrite and red beds                                      |
| 1454 | 1522 | 68                   | Anhydrite and red beds                                      |
| 1522 | 1529 | 7                    | Anhydrite                                                   |
| 1529 | 1582 | 53                   | Salt and anhydrite (Top of salt 1529')                      |
| 1582 | 1589 | 7                    | Salt                                                        |
| 1589 | 1595 | 6                    | Anhydrite                                                   |
| 1595 | 1598 | 3                    | Salt                                                        |
| 1598 | 1608 | 10                   | Anhydrite                                                   |
| 1608 | 1626 | 18                   | Salt streaks of anhydrite                                   |
| 1626 | 1638 | 12                   | Anhydrite                                                   |
| 1638 | 1652 | 14                   | Salt                                                        |
| 1652 | 1684 | 32                   | Anhydrite and salt                                          |
| 1684 | 1756 | 72                   | Salt with streaks of anhydrite                              |
| 1756 | 1911 | 155                  | Salt and anhydrite                                          |
| 1911 | 2059 | 148                  | Anhydrite and salt                                          |
| 2059 | 2200 | 41                   | Anhydrite and salt                                          |
| 2200 | 2470 | 270                  | Anhydrite and salt                                          |
| 2470 | 2500 | 30                   | Anhydrite and salt                                          |
| 2500 | 2870 | 370                  | Salt                                                        |
| 2870 | 2880 | 10                   | Salt and anhydrite                                          |
| 2880 | 2890 | 10                   | Anhydrite                                                   |
| 2890 | 2920 | 30                   | Anhydrite and salt                                          |
| 2920 | 2930 | 10                   | Salt                                                        |
| 2930 | 2990 | 60                   | Anhydrite                                                   |
| 2990 | 3001 | 11                   | Anhydrite, streaks of lime                                  |
| 3001 | 3050 | 49                   | Anhydrite, streaks of sandy lime                            |
| 3050 | 3060 | 10                   | Anhydrite                                                   |
| 3060 | 3070 | 10                   | Anhydrite, streaks brown lime                               |
| 3070 | 3110 | 40                   | Anhydrite                                                   |
| 3110 | 3121 | 11                   | Anhydrite, streaks sandy lime                               |
| 3121 | 3140 | 19                   | Anhydrite, streaks sandy lime                               |
| 3140 | 3150 | 10                   | Anhydrite and brown lime                                    |
| 3150 | 3160 | 10                   | Brown lime and anhydrite                                    |
| 3160 | 3170 | 10                   | Brown lime, some anhydrite                                  |
| 3170 | 3180 | 10                   | Brown lime and anhydrite                                    |
| 3180 | 3190 | 10                   | Brown lime                                                  |
| 3190 | 3210 | 20                   | Brown lime, trace of sand                                   |
| 3210 | 3220 | 10                   | Brown lime, trace of anhydrite                              |
| 3220 | 3230 | 10                   | Brown lime                                                  |
| 3230 | 3250 | 20                   | Brown lime some fine sand                                   |
| 3250 | 3253 | 3                    | Coarse reddish sand, some lime                              |
| 3253 | 3260 | 7                    | Coarse reddish sand, some lime                              |
| 3260 | 3262 | 2                    | Lime, streaks sand                                          |
| 3262 | 3270 | 8                    | Lime and some sand                                          |
| 3270 | 3290 | 20                   | Gray and brown lime                                         |
| 3290 | 3300 | 10                   | Gray and reddish sand                                       |
| 3300 | 3345 | 45                   | Gray and brown lime                                         |
| 3345 | 3420 | 75                   | Gray and brown lime                                         |
| 3420 | 3424 | 4                    | Gray and brown lime, trace of sand                          |
| 3424 | 3470 | 46                   | Gray and brown lime, trace of sand.<br>Gas showing at 3466' |
| 3470 | 3480 | 10                   | Gray and brown lime and sand                                |
| 3480 | 3500 | 20                   | Gray and brown lime, trace of sand                          |
| 3500 | 3510 | 10                   | Gray and brown lime and sand                                |
| 3510 | 3580 | 70                   | Gray and brown lime                                         |
| 3580 | 3593 | 13                   | Gray and brown lime and sand                                |
| 3593 | 3610 | 17                   | Gray and brown lime, some sand                              |
| 3610 | 3630 | 20                   | Brown lime                                                  |
| 3630 | 3640 | 10                   | Brown lime, trace of sand                                   |
| 3640 | 3650 | 10                   | Gray sand some lime. Odor of Gas                            |
| 3650 | 3660 | 10                   | Gray sand and lime                                          |
| 3660 | 3670 | 10                   | Gray sand, trace of lime                                    |
| 3670 | 3676 | 6                    | Gray sand and lime                                          |
| 3676 | 3680 | 4                    | Gray sand and lime                                          |
| 3680 | 3690 | 10                   | Gray and brown lime and sand                                |
| 3690 | 3700 | 10                   | Gray and brown lime, some sand                              |
| 3700 | 3710 | 10                   | Gray and brown lime                                         |
| 3710 | 3720 | 10                   | Gray and brown sand and lime                                |
| 3720 | 3725 | 5                    | Gray and brown lime                                         |
| 3725 | 3770 | 45                   | Gray and brown lime                                         |
| 3770 | 3800 | 30                   | Gray and brown lime, trace of sand                          |
| 3800 | 3810 | 10                   | Gray lime and sand                                          |
| 3810 | 3820 | 10                   | Gray and brown lime, some sand                              |
| 3820 | 3830 | 10                   | Gray and brown lime, trace of sand                          |
| 3830 | 3850 | 20                   | Gray and brown lime                                         |
| 3850 | 3900 | 50                   | Gray and brown lime                                         |
| 3900 | 3902 | 2                    | Correction-Halliburton measuring device                     |
| 3902 | 3910 | 8                    | Lime                                                        |
| 3910 | 3920 | 10                   | Lime - Increase in Oil & Gas at 3920'                       |
| 3920 | 3950 | 30                   | Lime                                                        |

TOTAL DEPTH