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## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Plains Production Company

Geo. Smith

Company or Operator

Lease

Well No. 1 in SE SE of Sec. 4, T. 25-S

R. 37-E, N. M. P. M., Jal Sand Field, Lea County.

Well is 4620 feet south of the North line and 660 feet west of the East line of Section

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is Geo. Smith Address Jal, New Mexico

If Government land the permittee is Address

The Lessee is Plains Production Company Address Pecos, Texas

Drilling commenced Feb. 20, 1936 Drilling was completed May 16, 1936

Name of drilling contractor H. A. HAMMAN Address Pecos Texas

Elevation above sea level at top of casing 3174 feet.

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 3150 to 3185 No. 4, from to

No. 2, from 3580 to 3605 No. 5, from to

No. 3, from to No. 6, from to

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 460 to 465 feet.

No. 2, from 535 to 540 feet.

No. 2, from 780 to 790 feet.

No. 4, from 3500 to 3525 feet.

## CASING RECORD

| SIZE   | WEIGHT PER FOOT | THREADS PER INCH | MAKE | AMOUNT | KIND OF SHOE | CUT & FILLED FROM | PERFORATED FROM TO | PURPOSE |
|--------|-----------------|------------------|------|--------|--------------|-------------------|--------------------|---------|
| 15 1/2 | 70 #            | 8                | LW   | 44'    |              |                   |                    |         |
| 12 1/2 | 50 #            | 8                | LW   | 455'   |              |                   |                    |         |
| 10     | 40 #            | 8                | Smls | 720'   |              |                   |                    |         |
| 8 1/2  | 32 #            | 8                | Smls | 1376'  |              |                   |                    |         |
|        |                 |                  |      |        |              |                   |                    |         |
|        |                 |                  |      |        |              |                   |                    |         |
|        |                 |                  |      |        |              |                   |                    |         |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 10"          | 8 1/2          | 1376      | 57                  | Haliburton  |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material lead wool Length 40' Depth Set 5470-5510  
Adapters—Material cement 3440-3470

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE | SHELL USED | EXPLOSIVE OR CHEMICAL USED | QUANTITY | DATE | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |

Results of shooting or chemical treatment

## RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

## TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet

Cable tools were used from 0 feet to 3728 feet, and from feet to feet

## PRODUCTION

Put to producing 19

The production of the first 24 hours was barrels of fluid of which % 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.

## EMPLOYEES

Jack Kelly Driller Bill Jones Driller  
Bob Helm Driller

## 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 7

day of July, 1936

Place

Jal N.M. July 6 1936

Name

## FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION              |
|------|------|----------------------|------------------------|
| 0    | 15   | 15                   | Caliche                |
| 15   | 22   | 7                    | Flint Rock             |
| 22   | 25   | 3                    | Lime Shells            |
| 25   | 30   | 5                    | Gray Sand              |
| 30   | 262  | 232                  | Redrock                |
| 262  | 290  | 28                   | Blue shale             |
| 290  | 300  | 10                   | Redrock                |
| 300  | 310  | 10                   | Blue shale             |
| 310  | 335  | 25                   | Redrock                |
| 335  | 350  | 15                   | Sandy shale            |
| 350  | 370  | 20                   | Redrock                |
| 370  | 380  | 10                   | Sandy shale            |
| 380  | 420  | 40                   | Redrock                |
| 420  | 430  | 10                   | Blue shale             |
| 430  | 450  | 20                   | Redrock                |
| 450  | 460  | 10                   | White shale            |
| 460  | 465  | 5                    | Sandy Lime HW          |
| 465  | 470  | 5                    | Lime shells            |
| 470  | 500  | 30                   | Sand and shells        |
| 500  | 505  | 5                    | Sandy shale            |
| 505  | 515  | 10                   | Anhydrite              |
| 515  | 530  | 15                   | Sandy shale            |
| 530  | 540  | 10                   | Sand. H.F.W.           |
| 540  | 575  | 35                   | Sandy shale            |
| 575  | 585  | 10                   | Redrock                |
| 585  | 595  | 10                   | Sand                   |
| 595  | 605  | 10                   | Redrock                |
| 605  | 660  | 55                   | Sand                   |
| 660  | 665  | 5                    | Redrock                |
| 665  | 706  | 41                   | Sand                   |
| 706  | 740  | 34                   | Redrock                |
| 740  | 750  | 10                   | Sandy Lime             |
| 750  | 760  | 10                   | Redrock                |
| 760  | 780  | 20                   | Anhydrite              |
| 780  | 790  | 10                   | Sand                   |
| 790  | 800  | 10                   | Anhydrite              |
| 800  | 840  | 40                   | Redrock                |
| 840  | 850  | 10                   | Sandy Lime             |
| 850  | 870  | 20                   | Redrock                |
| 870  | 880  | 10                   | Sandy shale            |
| 880  | 900  | 20                   | Redrock                |
| 900  | 930  | 30                   | Broken lime            |
| 930  | 980  | 50                   | Redrock & Lime shells  |
| 980  | 1050 | 70                   | Redrock                |
| 1050 | 1060 | 10                   | Shale                  |
| 1060 | 1080 | 20                   | Lime                   |
| 1080 | 1085 | 5                    | Sand                   |
| 1085 | 1095 | 10                   | Anhydrite              |
| 1095 | 1152 | 57                   | Lime & Anhydrite       |
| 1152 | 1165 | 13                   | Anhydrite              |
| 1165 | 1170 | 5                    | Sand                   |
| 1170 | 1180 | 10                   | Anhydrite              |
| 1180 | 1203 | 23                   | Salt                   |
| 1203 | 1238 | 35                   | Salt & Anhydrite       |
| 1238 | 1272 | 34                   | Salt                   |
| 1272 | 1285 | 13                   | Lime                   |
| 1285 | 1290 | 5                    | Blue shale             |
| 1290 | 1295 | 5                    | Lime                   |
| 1295 | 1300 | 5                    | Redrock                |
| 1300 | 1310 | 10                   | Anhydrite              |
| 1310 | 1357 | 47                   | Redrock                |
| 1357 | 1376 | 19                   | Salt                   |
| 1376 | 1420 | 44                   | Salt & Lime.           |
| 1420 | 1465 | 45                   | Anhy & Salt            |
| 1465 | 1477 | 12                   | Lime                   |
| 1477 | 1500 | 23                   | Salt & Shells          |
| 1500 | 1535 | 35                   | Salt                   |
| 1535 | 1610 | 75                   | Anhydrite              |
| 1610 | 1660 | 50                   | Salt                   |
| 1660 | 1690 | 30                   | Salt & Potash          |
| 1690 | 1705 | 15                   | Anhydrite              |
| 1705 | 1720 | 15                   | Salt & Potash          |
| 1720 | 1740 | 20                   | Salt & Lime shells     |
| 1740 | 1745 | 5                    | Redrock                |
| 1745 | 1785 | 40                   | Salt & Potash          |
| 1785 | 1795 | 10                   | Anhydrite              |
| 1795 | 1800 | 5                    | Salt & Potash          |
| 1800 | 1860 | 60                   | Salt                   |
| 1860 | 1900 | 40                   | Salt & Lime shells     |
| 1900 | 1915 | 15                   | Anhydrite              |
| 1915 | 1920 | 5                    | Potash                 |
| 1920 | 1930 | 10                   | Anhydrite              |
| 1930 | 1940 | 10                   | Salt                   |
| 1940 | 1960 | 20                   | Anhydrite              |
| 1960 | 1995 | 35                   | Salt & Potash          |
| 1995 | 2038 | 43                   | Salt & Lime            |
| 2038 | 2155 | 117                  | Salt & Potash          |
| 2155 | 2180 | 25                   | Lime                   |
| 2180 | 2190 | 10                   | Anhydrite              |
| 2190 | 2205 | 15                   | Salt                   |
| 2205 | 2220 | 15                   | Anhydrite              |
| 2220 | 2250 | 30                   | Lime & Anhydrite       |
| 2250 | 2285 | 35                   | Salt & Lime shells     |
| 2285 | 2340 | 55                   | Salt                   |
| 2340 | 2375 | 35                   | Salt & Anhydrite       |
| 2375 | 2405 | 30                   | Anhydrite              |
| 2405 | 2430 | 25                   | Salt                   |
| 2430 | 2550 | 120                  | Salt & Anhydrite       |
| 2550 | 2585 | 35                   | Salt                   |
| 2585 | 2592 | 7                    | Brown Lime             |
| 2592 | 2620 | 28                   | Brown Lime & Anhydrite |
| 2620 | 2720 | 100                  | Brown Lime & Anhydrite |
| 2720 | 2780 | 60                   | Lime                   |
| 2780 | 2785 | 5                    | Shale                  |
| 2785 | 2800 | 15                   | Lime                   |
| 2800 | 2890 | 90                   | Shale & Shells         |
| 2890 | 2965 | 75                   | Sandy Shale, Gas       |
| 2965 | 2971 | 6                    | Lime & Anhydrite       |
| 2971 | 2976 | 5                    | Lime, Gas              |
| 2976 | 2981 | 5                    | Lime & Anhydrite       |
| 2981 | 3025 | 44                   | Lime                   |
| 3025 | 3035 | 10                   | Sandy Lime             |
| 3035 | 3040 | 5                    | Shale, 4,600,000 Gas   |
| 3040 | 3050 | 10                   | Gray Lime              |