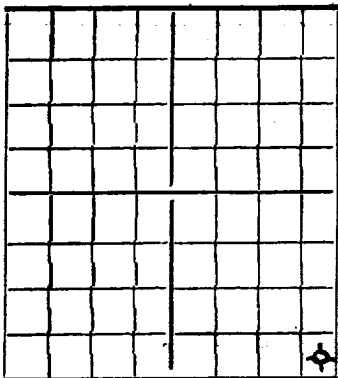


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 640 ACRES LOCATE WELL CORRECTLY

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

R. H. Ernest, Company or Operator, Paso del Norte Hotel, El Paso, Texas. Located Land Co., Well No. 1 in SE Cor. of Sec. 20, T. 25 S.

R. 7 E, N. M. P. M., Field, Otero County. Well is 4950 feet south of the North line and 330 feet west of the East line of Section 20.

If State land the oil and gas lease is No. Assignment No. c/o American Mfg. Co., If patented land the owner is Located Land Company, Address 11th and Lafayette Ave., St. Louis, Mo.

If Government land the permittee is The Lessee is R. H. Ernest, Address El Paso, Texas.

Drilling commenced June, 1930, 19. Drilling was completed January 17, 1942. Name of drilling contractor W. I. Dixon to 1250', Address Not Known.

Elevation above sea level at top of casing 4150 feet. Note: Well was shut down from 1931 to April, 1939, when drilling resumed. The information given is to be kept confidential until March 1, 1942.

OIL SANDS OR ZONES

No. 1, from 1780 to 1788 (Show) No. 4, from 2341 to 2343 (Show Black Oil) No. 2, from 1950 to 1954 (Show) No. 5, from 3858 to 3860 (Show Oil and Gas) No. 3, from 2089 to 2093 (Show) 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 415 to 418 feet. 2 bailers 12 hrs Fresh Water 300' from Top No. 2, from 455 to 465 feet. 16" bailers 12 hrs. " " No. 3, from 2035 to 2037 feet. Salt Water - H.F.W. - H.F.W. No. 4, from 3940 to 3941 feet. Water level, 440 from Top

CASING RECORD

Table with columns: SIZE, WEIGHT PER FOOT, THREADS PER INCH, MAKE, AMOUNT, KIND OF SHOE, PERFORATED FROM TO, PURPOSE. Includes entries for 20", 15", 12", 10-3/4", 8-5/8", 6-5/8", and 4-3/4" casings.

MUDDING AND CEMENTING RECORD

Table with columns: SIZE OF HOLE, SIZE OF CASING, WHERE SET, NO. SACKS OF CEMENT, METHOD USED, MUD GRAVITY, AMOUNT OF MUD USED. Includes entries for 10" and 6" holes.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set. Adapters—Material Size.

RECORD OF SHOOTING OR CHEMICAL TREATMENT

Table with columns: 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 3941 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

J. S. Roberts, Driller. Bill Prier, Driller. Lawrence Bliss, Driller. Walter Morris, 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 2nd day of February, 1942. Name R. H. Ernest, Position Owner. El Paso, Texas. January 27, 1942. Place Date.

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|--|
| 0 | 7 | 7 | Surface Sand |
| 7 | 17 | 10 | Caliche |
| 17 | 30 | 13 | White Sand and fine gravel |
| 30 | 75 | 45 | Brown Sand |
| 75 | 80 | 5 | Caliche and Red Mud |
| 80 | 108 | 28 | Brown Sand |
| 108 | 190 | 82 | Red Mud |
| 190 | 403 | 213 | Red Mud and Sand |
| 403 | 415 | 12 | Red Mud |
| 415 | 418 | 3 | Sand - Fresh Water - 2 B/12 hrs. |
| 418 | 455 | 37 | Red Mud |
| 455 | 465 | 10 | Sand - Fresh Water - 16 B/12 hrs. |
| 465 | 490 | 25 | Red Mud |
| 490 | 505 | 15 | Sand |
| 505 | 530 | 25 | Red Mud |
| 530 | 561 | 31 | Fine Sand |
| 561 | 570 | 9 | Brown Shale |
| 570 | 690 | 120 | Brown Shale with streaks quicksand |
| 690 | 752 | 62 | Brown Shale |
| 752 | 756 | 4 | Brown Sand |
| 756 | 828 | 72 | Brown Sandy Shale |
| 828 | 843 | 15 | Sand and Brown Sandy Shale |
| 843 | 980 | 137 | Brown Sandy Shale |
| 980 | 993 | 13 | Sand |
| 993 | 1000 | 7 | Brown Shale |
| 1000 | 1010 | 10 | Sand |
| 1010 | 1140 | 130 | Brown Gumbo |
| 1140 | 1144 | 4 | Sand |
| 1144 | 1163 | 19 | Brown Shale |
| 1163 | 1174 | 11 | Sand |
| 1174 | 1230 | 56 | Brown Shale |
| 1230 | 1240 | 10 | Gray Sand |
| 1240 | 1292 | 52 | Brown Shale |
| 1292 | 1391 | 99 | Brown and Gray Sandy Shale |
| 1391 | 1436 | 47 | Gray and Brown Shale and Lime |
| 1436 | 1470 | 34 | Brown Shale |
| 1470 | 1551 | 81 | Brown Shale - Lime Streaks |
| 1551 | 1658 | 107 | Brown Sandy Shale |
| 1658 | 1660 | 2 | Lime Shell |
| 1660 | 1780 | 120 | Brown Shale |
| 1780 | 1788 | 8 | Brown Shale - Sandy - Show oil and gas |
| 1788 | 1828 | 40 | Brown Sandy Shale |
| 1828 | 1898 | 70 | Brown Shale |
| 1898 | 1950 | 52 | Brown Sandy Shale |
| 1950 | 1954 | 4 | Sandy Lime and Brown Shale - Show of oil |
| 1954 | 1988 | 34 | Sandy Lime and Chert |
| 1988 | 2009 | 21 | Lime, Chert and Detrital material |
| 2009 | 2021 | 12 | Sandy Lime |
| 2021 | 2035 | 14 | Brown Shale and Sandy Lime |
| 2035 | 2085 | 50 | Brown Sandy Shale - Salt Water 2035 -37 |
| 2085 | 2093 | 8 | Gray Sandy Lime - Show oil 2089 - 93 |
| 2093 | 2114 | 21 | Conglomerate |
| 2114 | 2120 | 6 | Brown Shale |
| 2120 | 2159 | 39 | Conglomerate, Lime, Shale, etc. |
| 2159 | 2164 | 5 | Conglomerate and Yellow Shale |
| 2164 | 2182 | 18 | Conglomerate, Lime, Shale and Detrital |
| 2182 | 2200 | 18 | Lime and Yellow Shale |
| 2200 | 2231 | 31 | Lime, with Yellow Shale and Var. Col. Shale |
| 2231 | 2281 | 50 | Lime, slightly sandy |
| 2281 | 2288 | 7 | Lime - Shale Break |
| 2288 | 2304 | 16 | Gray and Pink Lime - Shale Break |
| 2304 | 2330 | 26 | Blue Shale |
| 2330 | 2343 | 13 | Gray Lime - Show Black bit - Salt Water |
| 2340 | 2403 | 63 | Gray and Buff colored Lime - Shale Break |
| 2403 | 2428 | 25 | Brown Lime - Shale |
| 2428 | 2440 | 12 | Blue Shale |
| 2440 | 2450 | 10 | Brown Lime - Streaks Red and Blue Shale |
| 2450 | 2463 | 13 | Red Shale |
| 2463 | 2504 | 41 | Lime, with Gray Shale Breaks |
| 2504 | 2508 | 4 | Shale and Sandy Lime |
| 2508 | 2593 | 85 | Dark Lime with Blue Shale Streaks |
| 2593 | 2606 | 13 | Gray Lime with Shale Breaks |
| 2606 | 2609 | 3 | Brown Lime |
| 2609 | 2658 | 49 | Blue Shale - Lime Shells |
| 2658 | 2811 | 53 | Lime, Sandy and Cherty, with Shale Breaks |
| 2811 | 3102 | 291 | Lime and Anhydrite, with Shale Breaks |
| 3102 | 3204 | 102 | Brown Lime with Shale Breaks |
| 3204 | 3351 | 147 | Hard Lime, Show oil 3276' |
| 3351 | 3420 | 69 | Lime, with Shale Breaks |
| 3420 | 3435 | 15 | Hard Lime |
| 3435 | 3565 | 130 | Lime, with some Anhydrite - Shale Breaks |
| 3565 | 3638 | 73 | Lime, with Shale Breaks |
| 3638 | 3662 | 24 | Lime |
| 3662 | 3691 | 29 | Lime, with Shale Breaks |
| 3691 | 3695 | 4 | Shale |
| 3695 | 3729 | 34 | Lime, with Shale Streaks |
| 3729 | 3742 | 13 | Dark Shale |
| 3742 | 3748 | 6 | Dark Lime, Hole caving badly. |
| 3748 | 3764 | 16 | Lime and Shale |
| 3764 | 3808 | 44 | Dark Shale with Lime Shells. Hole Caving |
| 3808 | 3858 | 50 | Dark Shale with Thin Lime Streaks |
| 3858 | 3860 | 2 | Sandy Lime - Show oil and gas |
| 3860 | 3940 | 80 | Dark Shale with Lime Shells |
| 3940 | 3941 | 1 | Sandy Lime. H.F.W. - Salt Water T.D. 3941'. Water level 550 feet from top. |