

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 TRIPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Anderson-Prichard Oil Corp. - Ajax Drilling Corp., Box 1697, Hobbs, N.M.

Company or Operator  
**Lanehart**  
Well No. **1** in **C NE NW SW** of Sec. **21**, T. **25S**  
Lease **37E**, N. M. P. M., **Langlie** Field, **Lea** County.  
Well is **2970** feet south of the North line and **49.50** feet west of the East line of **Sec 21-25-37**  
If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
The Lessee is **J.T. Lanehart** Address \_\_\_\_\_  
Drilling commenced **5-23** 19 **37** Drilling was completed **9-28** 19 **37**  
Name of drilling contractor **Ajax Drilling Corp** Address **Big Springs, Texas**  
Elevation above sea level at top of casing **3054** feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

OIL SANDS OR ZONES

No. 1, from **2918** to **2928** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ 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 **295** to **320** feet. **1 Bailer per hr**  
No. 2, from **335** to **400** feet. **Hole full water**  
No. 3, from **995** to **1005** feet. **1 Bailer per hr**  
No. 4, from **1065** to **1075** feet. **Hole full water**

CASING RECORD

| SIZE    | WEIGHT PER FOOT | THREADS PER INCH | MAKE  | AMOUNT | KIND OF SHOE | CUT & FILLED FROM | PERFORATED FROM TO | PURPOSE |
|---------|-----------------|------------------|-------|--------|--------------|-------------------|--------------------|---------|
| 16"     | 70#             | 8                | Nat'l | 114    | none         |                   |                    |         |
| 13"     | 40#             | 8                | "     | 525    | TP           |                   |                    |         |
| 10 1/2" | 40#             | 8                | Ygstr | 750    | TP           | Bottom            |                    |         |
| 8-5/8"  | 32#             | 8                | "     | 1245   | TP           |                   |                    |         |
| 7"      | 20#             | 10               | "     | 2820   | TP           |                   |                    |         |
| 5 1/2"  | 15#             | 10               | "     | 2891   | TP           |                   |                    |         |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WEIGHT SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|------------|---------------------|-------------|-------------|--------------------|
| 18"          | 16"            | 114        | 25                  | HOWCO       | 10# Gal     | Circulated         |
| 10"          | 8-5/8"         | 1245       | 400                 | "           | "           | "                  |
| 8"           | 7"             | 2820       | 150                 | "           | "           | "                  |
| 6"           | 5 1/2"         | 2891       | 60                  | "           | "           | "                  |

PLUGS AND ADAPTERS

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

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 **2928** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **9-29** 19 **37**  
The production of the first 24 hours was **360** barrels of fluid of which **100** % was oil; \_\_\_\_\_ % emulsion; **0** % water; and **0** % sediment. Gravity, Be **35**  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

\_\_\_\_\_  
**H.H. Wyatt** Driller **C.E. Owens** Driller  
**M.V. Hilburn** Driller **G.A. Stovall** 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 10-6-37 Hobbs, N.M. Date  
Name Frank Egan

## FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION              |
|------|------|----------------------|------------------------|
| 0    | 10   | 10                   | Cellar                 |
| 10   | 30   | 20                   | Redbeds                |
| 30   | 50   | 20                   | Red sand               |
| 50   | 70   | 20                   | Red rock               |
| 70   | 80   | 10                   | Red rock and gravel    |
| 80   | 100  | 20                   | Red sand               |
| 100  | 125  | 25                   | Red beds               |
| 125  | 155  | 30                   | Gray shale sandy       |
| 155  | 165  | 10                   | Sandy shale            |
| 165  | 210  | 45                   | Red beds               |
| 210  | 225  | 15                   | Red rock               |
| 225  | 255  | 30                   | Red beds               |
| 255  | 275  | 20                   | Brown shale            |
| 275  | 295  | 20                   | Blue shale             |
| 295  | 320  | 25                   | Sand - water           |
| 320  | 335  | 15                   | Sandy shale            |
| 335  | 370  | 35                   | Water sand             |
| 370  | 400  | 30                   | Sand                   |
| 400  | 415  | 15                   | Sandy shale            |
| 415  | 425  | 10                   | Red beds               |
| 425  | 430  | 5                    | Sandy shale            |
| 430  | 450  | 20                   | Brown shale            |
| 450  | 460  | 10                   | Sand                   |
| 460  | 480  | 20                   | Blue shale             |
| 480  | 520  | 40                   | Gray shale - sand      |
| 520  | 555  | 35                   | Sandy shale            |
| 555  | 570  | 15                   | Red beds               |
| 570  | 625  | 55                   | Red rock               |
| 625  | 640  | 15                   | Redbeds                |
| 640  | 690  | 50                   | Red rock               |
| 690  | 720  | 30                   | Red beds               |
| 720  | 730  | 10                   | Red rock               |
| 730  | 740  | 10                   | Sand                   |
| 740  | 770  | 30                   | Redbeds                |
| 770  | 800  | 30                   | Anhydrite              |
| 800  | 820  | 20                   | Red sandy shale        |
| 820  | 900  | 80                   | Red rock               |
| 900  | 950  | 50                   | Red rock and anhydrite |
| 950  | 980  | 30                   | Anhydrite and lime     |
| 980  | 1015 | 35                   | Lime                   |
| 1015 | 1055 | 40                   | Gray lime              |
| 1055 | 1065 | 10                   | Anhydrite              |
| 1065 | 1075 | 10                   | Sand                   |
| 1075 | 1085 | 10                   | Gray lime              |
| 1085 | 1095 | 10                   | Anhydrite              |
| 1095 | 1105 | 10                   | Gray lime              |
| 1105 | 1140 | 35                   | Gray lime              |
| 1140 | 1155 | 15                   | Blue shale             |
| 1155 | 1170 | 15                   | Redbeds                |
| 1170 | 1180 | 10                   | Gray lime              |
| 1180 | 1200 | 20                   | Anhydrite and lime     |
| 1200 | 1205 | 5                    | Redbeds                |
| 1205 | 1215 | 10                   | Gray lime              |
| 1215 | 1245 | 30                   | Anhydrite              |
| 1245 | 1280 | 35                   | Anhydrite and salt     |
| 1280 | 1290 | 10                   | Salt                   |
| 1290 | 1320 | 30                   | Anhydrite              |
| 1320 | 1335 | 15                   | Salt                   |
| 1335 | 1395 | 60                   | Salt and anhydrite     |
| 1395 | 1400 | 5                    | Salt                   |
| 1400 | 1425 | 25                   | Anhydrite              |
| 1425 | 1475 | 50                   | Anhydrite and salt     |
| 1475 | 1725 | 250                  | Salt                   |
| 1725 | 1745 | 20                   | Anhydrite              |
| 1745 | 1770 | 25                   | Salt                   |
| 1770 | 1795 | 25                   | Anhydrite              |
| 1795 | 1910 | 115                  | Salt                   |
| 1910 | 1930 | 20                   | Polyhalite             |
| 1930 | 1980 | 50                   | Salt - polyhalite      |
| 1980 | 2075 | 95                   | Salt                   |
| 2075 | 2100 | 25                   | Gray lime              |
| 2100 | 2135 | 35                   | Salt and anhydrite     |
| 2135 | 2155 | 20                   | Anhydrite              |
| 2155 | 2165 | 10                   | Broken anhydrite       |
| 2165 | 2190 | 25                   | Anhydrite and salt     |
| 2190 | 2205 | 15                   | Anhydrite              |
| 2205 | 2265 | 60                   | Salt                   |
| 2265 | 2295 | 30                   | Anhydrite              |
| 2295 | 2340 | 45                   | Salt and anhydrite     |
| 2340 | 2350 | 10                   | Lime                   |
| 2350 | 2365 | 15                   | Gray lime              |
| 2365 | 2440 | 75                   | Anhydrite and salt     |
| 2440 | 2565 | 125                  | Salt                   |
| 2565 | 2610 | 45                   | Salt and anhydrite     |
| 2610 | 2625 | 15                   | Anhydrite and lime     |
| 2625 | 2635 | 10                   | Brown lime             |
| 2635 | 2655 | 20                   | Gray lime              |
| 2655 | 2662 | 7                    | Brown lime             |
| 2662 | 2690 | 28                   | Gray lime              |
| 2690 | 2705 | 15                   | Lime and anhydrite     |
| 2705 | 2715 | 10                   | Brown lime             |
| 2715 | 2760 | 45                   | Gray lime              |
| 2760 | 2780 | 20                   | Lime and shale         |
| 2780 | 2785 | 5                    | Sand                   |
| 2785 | 2790 | 5                    | Brown sand             |
| 2790 | 2795 | 5                    | Anhydrite              |
| 2795 | 2800 | 5                    | Gray lime              |
| 2800 | 2840 | 40                   | Sandy shale            |
| 2840 | 2845 | 5                    | Sandy Lime             |
| 2845 | 2850 | 5                    | Lime                   |
| 2850 | 2855 | 5                    | Gray lime              |
| 2855 | 2865 | 10                   | Sand                   |
| 2865 | 2870 | 5                    | Lime                   |
| 2870 | 2880 | 10                   | Sand                   |
| 2880 | 2890 | 10                   | Sandy shale            |
| 2890 | 2895 | 5                    | Sand                   |
| 2895 | 2900 | 5                    | Sand - oil             |
| 2900 | 2917 | 17                   | Sand                   |
| 2917 | 2918 | 1                    | Gray lime              |
| 2918 | 2928 | 10                   | Oil sand               |