

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | |
|------------------------|--|
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| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| OPERATOR | |

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

LH-2932

7. Unit Agreement Name

N/A

8. Farm or Lease Name

Logan State

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

1a. TYPE OF WELL

OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION

NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

2. Name of Operator

Esperanza Energy Corp.

3. Address of Operator

17400 Dallas Pkwy., Suite 210, Dallas, TX 75287

4. Location of Well

UNIT LETTER _____ LOCATED 660 FEET FROM THE West LINE AND 660 FEET FROM

THE North LINE OF SEC. 16 TWP. 13N RGE. 34E NMPM

12. County

Quay

15. Date Spudded

4/18/88

16. Date T.D. Reached

5/16/88

17. Date Compl. (Ready to Prod.)

Dry Hole

18. Elevations (DF, RKB, RT, GR, etc.)

3956' G.R.

19. Elev. Casinghead

3956

20. Total Depth

3600'

21. Plug Back T.D.

3565'

22. If Multiple Compl., How Many

N/A

23. Intervals Drilled By

→

Rotary Tools

X

Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

Dry Hole

25. Was Directional Survey Made

Yes

26. Type Electric and Other Logs Run

CDL-CNL-DLL-MSFL-CBL

27. Was Well Cored

NO

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|-------------------|---------------|
| 8 5/8" | 24 # | 843' | 12 1/4 | 315 SKS 35/65 Poz | 0 |
| 4 1/2" | 10.5 | 3598' | 7 7/8 | 210 SKS 50/50 Poz | 2/60' |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
| | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|------|-----------|------------|
| | | |

31. Perforation Record (Interval, size and number)

Granite - 3220-3300' 1spf/2ft - 40 holes
Granite - 3190-3200' 2spf - 20 holes
Granite Wash - 3112-3120' 2spf - 38 holes
Tubb - 2598-2622 2spf - 48 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 3220-3300 | 1500 gal - 7 1/2 % HCL |
| 3190-3200 | 1000 gal - 7 1/2 % HCL |
| 3112-3120 | 1500 gal - 7 1/2 % HCL |
| 2598-2622 | 1500 gal - 7 1/2 % HCL |

33. PRODUCTION

Date First Production N/A Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) PEA

Date of Test _____ Hours Tested _____ Choke Size _____ Prod'n. For Test Period _____ Oil - Bbl. _____ Gas - MCF _____ Water - Bbl. _____ Gas - Oil Ratio _____

Flow Tubing Press. _____ Casing Pressure _____ Calculated 24-Hour Rate _____ Oil - Bbl. _____ Gas - MCF _____ Water - Bbl. _____ Oil Gravity - API (Corr.) _____

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

N/A

Test Witnessed By _____

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Will Yarb

TITLE Engr.

DATE 11/18/88

INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

| | | | |
|--------------------------|-------------------------|-----------------------------|------------------------|
| T. Anhy _____ | T. Canyon _____ | T. Ojo Alamo _____ | T. Penn. "B" _____ |
| T. Salt <u>1040</u> | T. Strawn _____ | T. Kirtland-Fruitland _____ | T. Penn. "C" _____ |
| B. Salt <u>2470</u> | T. Atoka _____ | T. Pictured Cliffs _____ | T. Penn. "D" _____ |
| T. Yates _____ | T. Miss _____ | T. Cliff House _____ | T. Leadville _____ |
| T. 7 Rivers _____ | T. Devonian _____ | T. Menefee _____ | T. Madison _____ |
| T. Queen _____ | T. Silurian _____ | T. Point Lookout _____ | T. Elbert _____ |
| T. Grayburg _____ | T. Montoya _____ | T. Mancos _____ | T. McCracken _____ |
| T. San Andres _____ | T. Simpson _____ | T. Gallup _____ | T. Ignacio Qtzte _____ |
| T. Glorieta _____ | T. McKee _____ | Base Greenhorn _____ | T. Granite _____ |
| T. Paddock _____ | T. Ellenburger _____ | T. Dakota _____ | T. _____ |
| T. Blinberry _____ | T. Gr. Wash <u>3040</u> | T. Morrison _____ | T. _____ |
| T. Tubb <u>2470</u> | T. Granite <u>3190</u> | T. Todilto _____ | T. _____ |
| T. Drinkard _____ | T. Delaware Sand _____ | T. Entrada _____ | T. _____ |
| T. Abo _____ | T. Bone Springs _____ | T. Wingate _____ | T. _____ |
| T. Wolfcamp _____ | T. _____ | T. Chinle _____ | T. _____ |
| T. Penn. _____ | T. _____ | T. Permian _____ | T. _____ |
| T. Cisco (Bough C) _____ | T. _____ | T. Penn. "A" _____ | T. _____ |

OIL OR GAS SANDS OR ZONES

| | |
|----------------------------------|----------------------------|
| No. 1, from <u>None</u> to _____ | 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 <u>None</u> to _____ feet |
| No. 2, from _____ to _____ feet |
| No. 3, from _____ to _____ feet |
| No. 4, from _____ to _____ feet |

FORMATION RECORD (Attach additional sheets if necessary)

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|-------------------|-------------------|------|----|-------------------|-----------|
| 1040 | 2470 | 1430 | Salt and Red Beds | | | | |
| 2470 | 3040 | 570 | Tubb | | | | |
| 3040 | 3190 | 150 | Granite Wash | | | | |
| 3190 | - | | Granite | | | | |