

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |   |
|------------------------|---|
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| SANTA FE               | 1 |
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| OPERATOR               | 1 |

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| 5a. Indicate Type of Lease<br>State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>V-90                                                                 |
| 7. Unit Agreement Name                                                                               |
| 8. Farm or Lease Name<br>Squirrel SL State                                                           |
| 9. Well No.<br>1                                                                                     |
| 10. Field and Pool or Wildcat<br>Pecos Slope<br>Und. Abo                                             |
| 12. County<br>Chaves                                                                                 |

a. TYPE OF WELL *Oil*

RECEIVED

b. TYPE OF COMPLETION

APR 1 1982

c. Name of Operator

O. C. D.  
ARTESIA, OFFICE

d. Address of Operator

207 South 4th St., Artesia, NM 88210

e. Location of Well

UNIT LETTER *K* LOCATED *1980* FEET FROM THE *South* LINE AND *1980* FEET FROM

West LINE OF SEC. *32* TWP. *7S* RGE. *26E* NADPM

|                            |                                  |                                             |                                                      |                      |
|----------------------------|----------------------------------|---------------------------------------------|------------------------------------------------------|----------------------|
| 15. Date Spudded<br>3-7-82 | 16. Date T.D. Reached<br>3-18-82 | 17. Date Compl. (Ready to Prod.)<br>3-29-82 | 18. Elevations (DF, RKB, RT, GR, etc.)<br>3662.7' GR | 19. Elev. Casinghead |
|----------------------------|----------------------------------|---------------------------------------------|------------------------------------------------------|----------------------|

|                          |                             |                                  |                                                     |                                       |
|--------------------------|-----------------------------|----------------------------------|-----------------------------------------------------|---------------------------------------|
| 20. Total Depth<br>4350' | 21. Plug Back T.D.<br>4334' | 22. If Multiple Compl., How Many | 23. Intervals Drilled By<br>Rotary Tools<br>0-4350' | 24. Was Directional Survey Made<br>No |
|--------------------------|-----------------------------|----------------------------------|-----------------------------------------------------|---------------------------------------|

24. Producing Interval(s), of this completion - Top, Bottom, Name  
3854-3940' Abo

26. Type Electric and Other Logs Run  
CNL/FDC; DLL

| 28. CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|----------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                        | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 20"                                                |                | 40'       | 24"       |                  |               |
| 10-3/4"                                            | 40.5#          | 965'      | 14-3/4"   | 700              |               |
| 4-1/2"                                             | 9.5#           | 4350'     | 7-7/8"    | 350              |               |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2-7/8"            | 3811'     | 3813'      |

|                                                                                      |                                                |                                                        |
|--------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------|
| 31. Perforation Record (Interval, size and number)<br><br>3854-3940' w/11 .50" holes | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                                        |
|                                                                                      | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED                          |
|                                                                                      | 3954-3940'                                     | w/3000 g. 7 1/2% Spearhead acid.                       |
|                                                                                      |                                                | SF w/30000g. gel KCL, 60000#<br>20/40 sd, 7500 g. CO2. |

| 33. PRODUCTION                   |                           |                                                                                |                        |                  |                   |                                           |                      |
|----------------------------------|---------------------------|--------------------------------------------------------------------------------|------------------------|------------------|-------------------|-------------------------------------------|----------------------|
| Date First Production<br>3-29-82 |                           | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |                        |                  |                   | Well Status (Prod. or Shut-in)<br>SIWOPLC |                      |
| Date of Test<br>3-29-82          | Hours Tested<br>12        | Choke Size<br>3/4"                                                             | Prodn. For Test Period | Oil - Bbl.<br>-  | Gas - MCF<br>190  | Water - Bbl.<br>-                         | Gas - Oil Ratio<br>- |
| Flow Tubing Press.<br>13         | Casing Pressure<br>Packer | Calculated 24-Hour Rate                                                        | Oil - Bbl.<br>-        | Gas - MCF<br>380 | Water - Bbl.<br>- | Oil Gravity - API (Corr.)<br>-            |                      |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Vented - Will be sold

Test Witnessed By  
Larry Dade

35. List of Attachments  
Deviation Survey

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 *[Signature]* TITLE *Engineering Secretary* DATE *3-30-82*

*Posted ID-2  
& Comp. Book  
SI  
4-16-82*

## INSTRUCTIONS

This form is to be filed 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 radioactivity 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, Zones 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate 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

T. Anhy \_\_\_\_\_  
 T. Salt \_\_\_\_\_  
 B. Salt \_\_\_\_\_  
 T. Yates \_\_\_\_\_  
 T. 7 Rivers \_\_\_\_\_  
 T. Queen \_\_\_\_\_  
 T. Grayburg \_\_\_\_\_  
 T. San Andres \_\_\_\_\_ 576  
 T. Glorieta \_\_\_\_\_ 1682  
 T. Padon \_\_\_\_\_ 3100  
 T. Fullerton \_\_\_\_\_  
 T. Blinbry \_\_\_\_\_  
 T. Tubb \_\_\_\_\_  
 T. Drinkard \_\_\_\_\_  
 T. Abo \_\_\_\_\_ 3850  
 T. Wolfcamp \_\_\_\_\_  
 T. Penn. \_\_\_\_\_  
 T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
 T. Strawn \_\_\_\_\_  
 T. Atoka \_\_\_\_\_  
 T. Miss \_\_\_\_\_  
 T. Devonian \_\_\_\_\_  
 T. Silurian \_\_\_\_\_  
 T. Montoya \_\_\_\_\_  
 T. Simpson \_\_\_\_\_  
 T. McKee \_\_\_\_\_  
 T. Ellenburger \_\_\_\_\_  
 T. Gr. Wash \_\_\_\_\_  
 T. Granite \_\_\_\_\_  
 T. Delaware Sand \_\_\_\_\_  
 T. Bone Springs \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_

## Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_  
 T. Kirtland-Fruitland \_\_\_\_\_  
 T. Pictured Cliffs \_\_\_\_\_  
 T. Cliff House \_\_\_\_\_  
 T. Menefee \_\_\_\_\_  
 T. Point Lookout \_\_\_\_\_  
 T. Mancos \_\_\_\_\_  
 T. Gallup \_\_\_\_\_  
 T. Base Greenhorn \_\_\_\_\_  
 T. Dakota \_\_\_\_\_  
 T. Morrison \_\_\_\_\_  
 T. Todilto \_\_\_\_\_  
 T. Entrada \_\_\_\_\_  
 T. Wingate \_\_\_\_\_  
 T. Chinle \_\_\_\_\_  
 T. Pennian \_\_\_\_\_  
 T. Penn. "A" \_\_\_\_\_  
 T. Penn. "B" \_\_\_\_\_  
 T. Penn. "C" \_\_\_\_\_  
 T. Penn. "D" \_\_\_\_\_  
 T. Leadville \_\_\_\_\_  
 T. Madison \_\_\_\_\_  
 T. Elbert \_\_\_\_\_  
 T. McCracken \_\_\_\_\_  
 T. Ignacio Qtzite \_\_\_\_\_  
 T. Granite \_\_\_\_\_  
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 T. \_\_\_\_\_

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 5, 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 \_\_\_\_\_ 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<br>in Feet | Formation                            | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|--------------------------------------|------|----|----------------------|-----------|
| 0    | 577  | 577                  | Surface, Sand, Redbeds               |      |    |                      |           |
| 577  | 1682 | 1105                 | Dolomite, Anhydrite, Limestone, Salt |      |    |                      |           |
| 1682 | 3828 | 2146                 | Salt, Dolomite, Anhydrite            |      |    |                      |           |
| 3828 | 4350 | 522                  | Shale, Sandstone                     |      |    |                      |           |



# LaRue Drilling Co., Inc.

PHONE: 505-746-4405

P. O. BOX 202

ARTESIA, NEW MEXICO 88210

RECEIVED

March 26, 1982

APR 1 1982

Yates Petroleum Corporation  
207 South Fourth Street  
Artesia, NM 88210

O. C. D.  
ARTESIA, OFFICE

Re: Squirrel SL State #1 ✓  
1980' FSL & 1980' FWL  
Sec. 32, T7S, R26E  
Chaves County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

| DEPTH | DEVIATION |
|-------|-----------|
| 504'  | 3/4°      |
| 965'  | 3/4°      |
| 1526' | 1/2°      |
| 2151' | 3/4°      |
| 2545' | 1/2°      |
| 3060' | 1/2°      |
| 3423' | 3/4°      |
| 3953' | 1/2°      |
| 4350' | 3/4°      |

Very truly yours,

B. N. Muncy Jr.  
Secretary

STATE OF NEW MEXICO  
COUNTY OF EDDY

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The foregoing was acknowledged before me this 26th day of March, 1982.

