

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
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| OPERATOR               |  |

|                                           |                              |
|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>A-1320    |                              |

|                                                  |                                    |
|--------------------------------------------------|------------------------------------|
| TYPE OF WELL                                     |                                    |
| OIL WELL <input checked="" type="checkbox"/>     | GAS WELL <input type="checkbox"/>  |
| NEW WELL <input type="checkbox"/>                | WORK OVER <input type="checkbox"/> |
| DEEPEN <input checked="" type="checkbox"/>       | PLUG BACK <input type="checkbox"/> |
| DIFF. RESVR. <input checked="" type="checkbox"/> | OTHER <input type="checkbox"/>     |

|                                                       |
|-------------------------------------------------------|
| 7. Unit Agreement Name                                |
| 8. Farm or Lease Name<br>New Mexico "AK" State        |
| 9. Well No.<br>1                                      |
| 10. Field and Pool, or Wildcat<br>Eunice Monument GSA |

|                                                         |
|---------------------------------------------------------|
| Name of Operator<br>Alpha Twenty-One Production Company |
| Address of Operator<br>P.O. Box 1206, Jal, NM 88252     |

|                                                                         |                                                                               |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Location of Well                                                        |                                                                               |
| IT LETTER <u>K</u>                                                      | LOCATED <u>1880</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM |
| <u>West</u> LINE OF SEC. <u>32</u> TWP. <u>18S</u> RGE. <u>37E</u> NMPM |                                                                               |

|                   |
|-------------------|
| 12. County<br>Lea |
|-------------------|

|                                                                                               |                                  |                                             |                                                    |                                       |
|-----------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------|----------------------------------------------------|---------------------------------------|
| 16. Date Spudded<br>1-6-86                                                                    | 16. Date T.D. Reached<br>1-15-86 | 17. Date Compl. (Ready to Prod.)<br>1-28-86 | 18. Elevations (DF, RKB, RT, GR, etc.)<br>3712' GL | 19. Elev. Casinghead                  |
| 20. Total Depth<br>4195'                                                                      | 21. Plug Back T.D.<br>4195'      | 22. If Multiple Compl., How Many            | 23. Intervals Drilled By<br>Rotary Tools<br>4195'  | Cable Tools                           |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br>3947' - 4195' (Grayburg) |                                  |                                             |                                                    | 25. Was Directional Survey Made<br>No |
| 26. Type Electric and Other Logs Run<br>CDN                                                   |                                  |                                             |                                                    | 27. Was Well Cored<br>No              |

| CASING RECORD (Report all strings set in well) |                |           |           |                  |
|------------------------------------------------|----------------|-----------|-----------|------------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD |
| 8-5/8"                                         | 24#            | 1502'     | 12-1/4"   | 800 sx circ      |
| 5-1/2"                                         | 14#            | 3947'     | 7-7/8"    | 1600 sx circ     |
| open-hole                                      |                | 4195'     | 4-3/4"    |                  |

| LINER RECORD |     |        |              | TUBING RECORD |        |                    |
|--------------|-----|--------|--------------|---------------|--------|--------------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN        | SIZE   | DEPTH SET          |
|              |     |        |              |               | 2-3/8" | 4119'              |
|              |     |        |              |               |        | PACKER SET<br>none |

|                                                                                 |                                                |                                                                                             |
|---------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------|
| 29. Perforation Record (Interval, size and number)<br>Open-Hole (3947' - 4195') | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                                                                             |
|                                                                                 | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED                                                               |
|                                                                                 | 3538' - 3947'                                  | Squeeze formation w/250 sx "C".                                                             |
|                                                                                 | 3947' - 4195'                                  | Acid stimulation w/4200 gals<br>15% NEFE. Frac'd w/30000 gals<br>frac fluid and 335 sx sand |

| PRODUCTION                                                         |                           |                                                                                                      |                                      |                      |                        |                                                 |                               |
|--------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------|------------------------|-------------------------------------------------|-------------------------------|
| 33. Date First Production<br>1-30-86                               |                           | 34. Production Method (Flowing, gas lift, pumping - Size and type pump)<br>American 114 Pumping Unit |                                      |                      |                        | 35. Well Status (Prod. or Shut-in)<br>producing |                               |
| 36. Date of Test<br>1-30-86                                        | 37. Hours Tested<br>24    | 38. Choke Size<br>no choke                                                                           | 39. Prod'n. For Test Period<br>21.50 | 40. Oil - Bbl.<br>21 | 41. Gas - MCF<br>23    | 42. Water - Bbl.<br>18                          | 43. Gas - Oil Ratio<br>1070/1 |
| 44. Flow Tubing Press. pump                                        | 45. Casing Pressure<br>25 | 46. Calculated 24-Hour Rate<br>21.50                                                                 | 47. Oil - Bbl.<br>21                 | 48. Gas - MCF<br>23  | 49. Water - Bbl.<br>18 | 50. Oil Gravity - API (Corr.)<br>34.7           |                               |
| 51. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold |                           |                                                                                                      |                                      |                      |                        | 52. Test Witnessed By<br>R. Lansford            |                               |

|                                                                                                                                         |                                  |                     |
|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------|
| 53. List of Attachments                                                                                                                 |                                  |                     |
| 54. 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. |                                  |                     |
| 55. SIGNED<br>R.W. Lansford                                                                                                             | 56. TITLE<br>VP/Energy Resources | 57. DATE<br>2-11-86 |

# 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 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 <u>1477</u>      | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt <u>1685</u>      | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| T. Salt <u>2490</u>      | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates <u>2792</u>     | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers <u>3068</u>  | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen <u>3625</u>     | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg <u>3937</u>  | 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 _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Granite _____       | 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 _____ 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 _____ 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 |
|------|------|-------------------|---------------------------|------|----|-------------------|-----------|
| 0    | 1377 | 1377              | Sand, Red Bed             |      |    |                   |           |
| 1477 | 1685 | 208               | Anhydrite                 |      |    |                   |           |
| 1685 | 2490 | 805               | Salt, Anhydrite           |      |    |                   |           |
| 2490 | 3625 | 1135              | Anhydrite, Dolomite, Sand |      |    |                   |           |
| 3625 | 3947 | 322               | Dolomite, Sand            |      |    |                   |           |
| 3947 | 4195 | 248               | Dolomite, Sand, Shale     |      |    |                   |           |

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