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**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form O-105  
Revised 11-8-80

|                              |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| 1. Well Type of Lease        | State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 2. State Oil & Gas Lease No. | L-5317                                                                 |

|                        |                                                                                                                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14. TYPE OF WELL       | OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                              |
| 15. TYPE OF COMPLETION | NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. PRESS. <input type="checkbox"/> OTHER <input type="checkbox"/> |

2. Name of Operator  
**Alpha Twenty-One Production Company**

3. Address of Operator  
**2100 First National Bank Building, Midland, Texas 79701**

4. Location of Well

UNIT LETTER **F** LOCATED **1980** FEET FROM THE **North** LINE AND **2310** FEET FROM **West** LINE OF SEC. **1** TWP. **22S** RGE. **35E** NMPM **Lea**

|                  |                       |                                  |                                        |                      |
|------------------|-----------------------|----------------------------------|----------------------------------------|----------------------|
| 15. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DT, RKB, RT, GR, etc.) | 19. Elev. Casinghead |
| 12-29-80         | 1-10-81               | 2-23-81                          | 3593 G.L. (3603 RKB)                   | 3593                 |

|                 |                    |                                  |                          |                  |                 |
|-----------------|--------------------|----------------------------------|--------------------------|------------------|-----------------|
| 20. Total Depth | 21. Plug Back T.D. | 22. If Multiple Compl., How Many | 23. Intervals Drilled By | 24. Rotary Tools | 25. Cable Tools |
| 4300            | 4276               |                                  |                          | 4300             |                 |

24. Producing Intervals, of this completion - Top, Bottom, Name  
**3824-3918 (Yates)**

25. Was Directional Survey Made  
**Yes**

26. Type Electric and Other Logs Run  
**CDL-Neutron-GR Guard Forxo GRN-CCL**

27. Was Well Cored  
**No**

| 28. CASING RECORD (Report all strings set in well) |                 |           |           |                                                      |               |
|----------------------------------------------------|-----------------|-----------|-----------|------------------------------------------------------|---------------|
| CASING SIZE                                        | WEIGHT LBS. FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD                                     | AMOUNT PULLED |
| 12-3/4"                                            | 33              | 30        | 15"       | Redimix to Surface                                   |               |
| 8-5/8"                                             | 28              | 416       | 12 1/2"   | 300 Sx.C1.C(Circulated)                              |               |
| 5-1/2"                                             | 15.5            | 4300      | 7-7/8"    | 350 Sx.Econolite and 350 Sx.50-50 Pozmix(Circulated) |               |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2-3/8             | 3850      |            |

|                                                                                                                |  |  |  |                                                |                                             |
|----------------------------------------------------------------------------------------------------------------|--|--|--|------------------------------------------------|---------------------------------------------|
| 31. Perforation Record (Interval, size and number)                                                             |  |  |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                             |
| 3824, 3828, 3830, 3832, 3836, 3838, 3840, 3895, 3896, 3898, 3900, 3902, 3914, 3916, 3918, 15 Perfs. (.50 Dia.) |  |  |  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED               |
|                                                                                                                |  |  |  | 3824-3918                                      | 2800 Gals.15% NE Acid                       |
|                                                                                                                |  |  |  | 3824-3918                                      | 40,000 Gals.Frac.Fluid and 89,000 Lbs. Sand |

| 33. PRODUCTION        |                 |                                                                     |                         |           |             |                                |                 |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|-----------|-------------|--------------------------------|-----------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |           |             | Well status (Prod. or Shut-in) |                 |
| 2-23-81               |                 | Flowing                                                             |                         |           |             | Shut-In                        |                 |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. Per Test Period | Oil = BBL | Gas = MCF   | Water = BBL                    | Gas = Oil Ratio |
| 2-23-81               | 24              | 48/64                                                               |                         | -0-       | 80          | 60                             | N/A             |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil = BBL               | Gas = MCF | Water = BBL | Oil Gravity - API (Corr.)      |                 |
| 6                     | 160             |                                                                     | -0-                     | 80        | 60          | N/A                            |                 |

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

Test Witnessed By  
**R. Lansford**

35. List of Attachments  
**Deviation Survey and Electric Logs**

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 Tommy Phipps TITLE Executive Vice President DATE 2-24-81

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-filled 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 fall stem tests. All log data reported shall be measured by this. 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 triplicate 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>1,803</u>     | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____                  | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt <u>T. Tansil 3,566</u> | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____ <u>3,760</u>    | 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 Qizte _____ |
| 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 _____ <u>3824</u> _____ to _____ <u>3918</u> _____ | 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<br>in Feet | Formation          | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|--------------------|------|----|----------------------|-----------|
| 0    | 160  | 160                  | Surface Sand       |      |    |                      |           |
| 160  | 690  | 530                  | Redbeds            |      |    |                      |           |
| 690  | 3566 | 2876                 | Anhydrite and Salt |      |    |                      |           |
| 3566 | 4300 | 734                  | Anhydrite and Lime |      |    |                      |           |