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OIL CONSERVATION DIVISIONP.O. BOX 2088  
AUG 21 1984  
SANTA FE, NEW MEXICO 87501

Form C-105

Revised 10-1-78

WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
ARTESIA, OFFICE

|                        |                                     |
|------------------------|-------------------------------------|
| NO. OF COPIES RECEIVED |                                     |
| SANTA FE               | <input checked="" type="checkbox"/> |
| FILE                   | <input checked="" type="checkbox"/> |
| U.S.G.S.               | <input checked="" type="checkbox"/> |
| LAND OFFICE            | <input checked="" type="checkbox"/> |
| OPERATOR               | <input checked="" type="checkbox"/> |

|                                           |                              |
|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |

|                                        |
|----------------------------------------|
| 5. State Oil & Gas Lease No.<br>E-8560 |
|----------------------------------------|

|                              |
|------------------------------|
| XXXXXXXXXXXXXXXXXXXXXXXXXXXX |
| XXXXXXXXXXXXXXXXXXXXXXXXXXXX |

|                        |
|------------------------|
| 7. Unit Agreement Name |
|------------------------|

|                                        |
|----------------------------------------|
| 8. Farm or Lease Name<br>Marathon Mesa |
|----------------------------------------|

|                  |
|------------------|
| 9. Well No.<br>1 |
|------------------|

|                                                           |
|-----------------------------------------------------------|
| 10. Field and Pool, or Wildcat<br>Und Bunker Hill Penrose |
|-----------------------------------------------------------|

|                              |
|------------------------------|
| XXXXXXXXXXXXXXXXXXXXXXXXXXXX |
| XXXXXXXXXXXXXXXXXXXXXXXXXXXX |

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

|                             |                                 |                                            |                                                      |                           |
|-----------------------------|---------------------------------|--------------------------------------------|------------------------------------------------------|---------------------------|
| 15. Date Spudded<br>2-21-83 | 16. Date T.D. Reached<br>3-1-83 | 17. Date Comp. (Ready to Prod.)<br>3-17-83 | 18. Elevations (DF, RKB, RT, GR, etc.)<br>4406.7' GR | 19. Elev. Casinghead<br>- |
|-----------------------------|---------------------------------|--------------------------------------------|------------------------------------------------------|---------------------------|

|                          |                    |                                  |                                                   |             |
|--------------------------|--------------------|----------------------------------|---------------------------------------------------|-------------|
| 20. Total Depth<br>4230' | 21. Plug Back T.D. | 22. If Multiple Compl., How Many | 23. Intervals Rotary Tools<br>Drilled By 0'-4230' | Cable Tools |
|--------------------------|--------------------|----------------------------------|---------------------------------------------------|-------------|

|                                                                                                                                                                                                |                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| 24. Producing Interval(s), of this completion-Top, Bottom, Name<br>2448'-2494', 3034'-3114', 3296'-3302', 4020'-4025', 4029'-4032', 4041'-4045',<br>4050'-4056' Queen, Yates, Penrose, Premier | 25. Was Directional Survey<br>Made<br>No |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|

|                                                                |                          |
|----------------------------------------------------------------|--------------------------|
| 26. Type Electric and Other Logs Run<br>GR, CNL, FDC, MLL, DLL | 27. Was Well Cored<br>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# | 1280' | 12 1/4" | 550sx | None |
| 5 1/2" | 17# | 4230' | 7 7/8"  | 585sx | None |

|                  |                   |
|------------------|-------------------|
| 29. LINER RECORD | 30. TUBING RECORD |
|------------------|-------------------|

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|------|-----------|------------|
|------|-----|--------|--------------|--------|------|-----------|------------|

|  |  |  |  |  |        |       |       |
|--|--|--|--|--|--------|-------|-------|
|  |  |  |  |  | 2 3/8" | 4047' | 3901' |
|--|--|--|--|--|--------|-------|-------|

|                                                                                                                                                                                                                                                                       |                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| 31. Perforation Record (Interval, size and number)<br>4020'-4025', 16', 1 shot/' , 20 holes,<br>4029'-4032', 16', 1 shot/' , 20 holes,<br>4041'-4045', 16', 1 shot/' , 20 holes,<br>4050'-4054', 16', 1 shot/' , 20 holes,<br>3568'-3586', 18', 2 shots/' , 36 holes, | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
|----------------|-------------------------------|

|             |                                                                |
|-------------|----------------------------------------------------------------|
| 2448'-3302' | Acid w/500gals 15% MCA, w/1000gals<br>acid, w/1000gals 15% MCA |
| 3568'-3586' | Acidize w/1000gals 15% NE acid                                 |
| 4020'-4054' | Acidize w/2000gals 15% Mud acid                                |

|                |
|----------------|
| 33. PRODUCTION |
|----------------|

|                                  |                                                                                                |                                          |
|----------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------|
| Date First Production<br>3-18-83 | Production Method (Flowing, gas lift, pumping-Size and type pump<br>Pumping 2"x1 1/2"x16' RWBC | Well Status (Prod. or Shut-in)<br>WO P&A |
|----------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------|

|                        |                    |                 |                                  |                |               |                  |                    |
|------------------------|--------------------|-----------------|----------------------------------|----------------|---------------|------------------|--------------------|
| Date of Test<br>4-2-83 | Hours Tested<br>24 | Choke Size<br>- | Prod'n For<br>Test Period<br>1/2 | Oil-Bbl.<br>10 | Gas-MCF<br>10 | Water-Bbl.<br>10 | Gas-Oil Ratio<br>- |
|------------------------|--------------------|-----------------|----------------------------------|----------------|---------------|------------------|--------------------|

|                    |                 |                             |                 |               |                  |                              |
|--------------------|-----------------|-----------------------------|-----------------|---------------|------------------|------------------------------|
| Flow Tubing Press. | Casing Pressure | Calculated 24-<br>Hour Rate | Oil-Bbl.<br>1/2 | Gas-MCF<br>10 | Water-Bbl.<br>10 | Oil Gravity-API (Corr.)<br>- |
|--------------------|-----------------|-----------------------------|-----------------|---------------|------------------|------------------------------|

|                                                                 |                                   |
|-----------------------------------------------------------------|-----------------------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>- | Test Witnessed By<br>Daryl Lowder |
|-----------------------------------------------------------------|-----------------------------------|

|                                                   |
|---------------------------------------------------|
| 35. List of Attachments<br>Logs, 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<br>knowledge and belief<br>SIGNED <u>B. Stalder</u> TITLE <u>Drilling &amp; Production Manager</u> DATE <u>8-24-84</u> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 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-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           | T. Strawn        | T. Kirtland-Fruitland | T. Penn. "C"     |
| B. Salt           | T. Atoka         | T. Pictured Cliffs    | T. Penn. "D"     |
| T. Yates 2421'    | T. Miss          | T. Cliff House        | T. Leadville     |
| T. 7 Rivers 2704' | T. Devonian      | T. Menefee            | T. Madison       |
| T. Queen 3290'    | 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. Blinbry        | 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. Fren 2872'    | T. Chinle             | T.               |
| T. Penn.          | T. Penrose 3562' | T. Permian            | T.               |
| T. Cisco(BoughC)  | T. Premier 4011' | T. Penn."A"           | T.               |

## OIL OR GAS SAND 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<br>In Feet | Formation               | From | To | Thickness<br>In Feet | Formation |
|-------|-------|----------------------|-------------------------|------|----|----------------------|-----------|
| 2421' | 2704' | 283'                 | N/A                     |      |    |                      |           |
| 2704' | 2872' | 168'                 | N/A                     |      |    |                      |           |
| 2872' | 3290' | 337'                 | Anhy, Gyp, Sil          |      |    |                      |           |
| 3290' | 3562' | 272'                 | SS, Anhy, Gyp, Sil      |      |    |                      |           |
| 3562' | 4011' | 449'                 | Anhy, SS, Dolo, Gyp, Lm |      |    |                      |           |
| 4011' | 4122' | 111'                 | Lm, Dolo                |      |    |                      |           |