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Form C-105  
Revised 11-1-78

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

AUG 20 1980

|                                                                                                                                         |                       |                                                                                                                 |                                        |                                                |                   |                                 |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------|-------------------|---------------------------------|-----------------|
| 1a. TYPE OF WELL                                                                                                                        |                       | OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/>     |                                        | O. C. D. <input type="checkbox"/>              |                   | 7. Unit Agreement Name          |                 |
| b. TYPE OF COMPLETION                                                                                                                   |                       | NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> |                                        | ARTESIA, OFFICE                                |                   | 8. Farm or Lease Name           |                 |
| 2. Name of Operator                                                                                                                     |                       | PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>         |                                        |                                                |                   | ACME                            |                 |
| 3. Address of Operator                                                                                                                  |                       |                                                                                                                 |                                        |                                                |                   | 9. Well No.                     |                 |
| 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701                                                                                               |                       |                                                                                                                 |                                        |                                                |                   | 1                               |                 |
| 4. Location of Well                                                                                                                     |                       |                                                                                                                 |                                        |                                                |                   | 10. Field and Pool, or Wildcat  |                 |
| UNIT LETTER <u>L</u> LOCATED <u>2080</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>660</u> FEET FROM                                       |                       |                                                                                                                 |                                        |                                                |                   | WILDCAT ABO                     |                 |
| THE <u>WEST</u> LINE OF SEC. <u>29</u> TWP. <u>8S</u> RGE. <u>26E</u> NMPM                                                              |                       |                                                                                                                 |                                        |                                                |                   | 12. County                      |                 |
|                                                                                                                                         |                       |                                                                                                                 |                                        |                                                |                   | Chaves                          |                 |
| 15. Date Spudded                                                                                                                        | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.)                                                                                | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Casinghead                           |                   |                                 |                 |
| 4-25-80                                                                                                                                 | 5-6-80                | 8-9-80                                                                                                          | 3672.2' GR                             | -                                              |                   |                                 |                 |
| 20. Total Depth                                                                                                                         | 21. Plug Back T.D.    | 22. If Multiple Compl., How Many                                                                                | 23. Intervals Drilled By               | Rotary Tools                                   | Cable Tools       |                                 |                 |
| 4900'                                                                                                                                   | 4855'                 |                                                                                                                 | 40' - TD                               | 40'                                            |                   |                                 |                 |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name                                                                       |                       |                                                                                                                 |                                        |                                                |                   | 25. Was Directional Survey Made |                 |
| 4634' ---- 52' ABO                                                                                                                      |                       |                                                                                                                 |                                        |                                                |                   | NO                              |                 |
| 26. Type Electric and Other Logs Run                                                                                                    |                       |                                                                                                                 |                                        |                                                |                   | 27. Was Well Cored              |                 |
| CNL-FDC/DLL/BHC GR-CCL                                                                                                                  |                       |                                                                                                                 |                                        |                                                |                   | 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#                   | 1499'                                                                                                           | 12 1/4"                                | 515 HLW/200 "C"                                |                   |                                 |                 |
| 4 1/2"                                                                                                                                  | 10.5#                 | 4899'                                                                                                           | 7 7/8"                                 | 800 HOWCO LT/745 50-50 Poz                     |                   |                                 |                 |
| 29. LINER RECORD                                                                                                                        |                       |                                                                                                                 |                                        |                                                |                   |                                 |                 |
| SIZE                                                                                                                                    | TOP                   | BOTTOM                                                                                                          | SACKS CEMENT                           | SCREEN                                         | 30. TUBING RECORD |                                 |                 |
|                                                                                                                                         |                       |                                                                                                                 |                                        |                                                | SIZE              | DEPTH SET                       | PACKER SET      |
|                                                                                                                                         |                       |                                                                                                                 |                                        |                                                | 2 3/8"            | 2713'                           | -               |
| 31. Perforation Record (Interval, size and number)                                                                                      |                       |                                                                                                                 |                                        | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                   |                                 |                 |
| 4634' ---- 52', .33 Entry, 19 holes                                                                                                     |                       |                                                                                                                 |                                        | DEPTH INTERVAL                                 |                   |                                 |                 |
|                                                                                                                                         |                       |                                                                                                                 |                                        | AMOUNT AND KIND MATERIAL USED                  |                   |                                 |                 |
|                                                                                                                                         |                       |                                                                                                                 |                                        | 4634' -- 4652' A/1000 gals 7 1/2% MSR 100 +    |                   |                                 |                 |
|                                                                                                                                         |                       |                                                                                                                 |                                        | 1000 SCF/bbl N <sub>2</sub>                    |                   |                                 |                 |
|                                                                                                                                         |                       |                                                                                                                 |                                        | 4634' -- 4652' F/25,000 gal Foam +19,500#20-40 |                   |                                 |                 |
|                                                                                                                                         |                       |                                                                                                                 |                                        | Sd.                                            |                   |                                 |                 |
| 33. PRODUCTION                                                                                                                          |                       |                                                                                                                 |                                        |                                                |                   |                                 |                 |
| Date First Production                                                                                                                   |                       | Production Method (Flowing, gas lift, pumping - Size and type pump)                                             |                                        |                                                |                   | Well Status (Prod. or Shut-in)  |                 |
| 8-9-80                                                                                                                                  |                       | FLOWING                                                                                                         |                                        |                                                |                   | SI                              |                 |
| Date of Test                                                                                                                            | Hours Tested          | Choke Size                                                                                                      | Prod'n. For Test Period                | Oil - Bbl.                                     | Gas - MCF         | Water - Bbl.                    | Gas - Oil Ratio |
| 8-14-80                                                                                                                                 | 4                     | 18/64                                                                                                           |                                        | -                                              | 137               | -                               | DRY             |
| Flow Tubing Press.                                                                                                                      | Casing Pressure       | Calculated 24-Hour Rate                                                                                         | Oil - Bbl.                             | Gas - MCF                                      | Water - Bbl.      | Oil Gravity - API (Corr.)       |                 |
| 820                                                                                                                                     | 840                   |                                                                                                                 | -                                      | 822                                            | -                 | -                               |                 |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                              |                       |                                                                                                                 |                                        |                                                |                   | Test Witnessed By               |                 |
| VENTED                                                                                                                                  |                       |                                                                                                                 |                                        |                                                |                   | E. L. BUTTROSS                  |                 |
| 35. List of Attachments                                                                                                                 |                       |                                                                                                                 |                                        |                                                |                   |                                 |                 |
| C-122, RECORD OF INCLINATION                                                                                                            |                       |                                                                                                                 |                                        |                                                |                   |                                 |                 |
| 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                                                                                                                                  |                       | TITLE                                                                                                           |                                        | DATE                                           |                   |                                 |                 |
| R. P. [Signature]                                                                                                                       |                       | REGULATORY COORDINATOR                                                                                          |                                        | AUGUST 19, 1980                                |                   |                                 |                 |

XC: NMOCD (6), TLS, JWH, CEN RCDS, ACCTG, JBH, MEC, PARTNERS, FILE (2)

## 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 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" _____     |
| T. Salt _____            | 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 _____ 865' | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____ 1530'  | T. McKee _____         | T. Base Greenhorn _____     | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinbry _____         | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____ 3516'      | T. Granite _____       | T. Todilto _____            | T. _____               |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____               |
| T. Abo _____ 4252'       | 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 4620 _____ to 4624 _____ | No. 4, from _____ to _____ |
| No. 2, from 4634 _____ to 4652 _____ | 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 |
|------|------|----------------------|----------------------|------|----|----------------------|-----------|
| -    | 3520 |                      | CHERT/DOL/SH         |      |    |                      |           |
| 3520 | 3660 |                      | SAND/CH/DOL/SH       |      |    |                      |           |
| 3660 | 3830 |                      | CHERT/DOL/LM/SH      |      |    |                      |           |
| 3830 | 3980 |                      | SALT                 |      |    |                      |           |
| 3980 | 4065 |                      | CHERT/DOL/SH/LM/SALT |      |    |                      |           |
| 4065 | 4245 |                      | CHERT/DOL/SHALE      |      |    |                      |           |
| 4245 | 4560 |                      | SHALE/CHERT          |      |    |                      |           |
| 4560 | 4660 |                      | SHALE/CHERT/SS       |      |    |                      |           |
| 4660 | 4900 |                      | SHALE/CHERT/DOL/LM   |      |    |                      |           |



# alta west drilling, inc.

RECEIVED

MAY 14 1980

p.o. drawer 1 / artesia (5648210)

May 12,

|                    |          |
|--------------------|----------|
| MPH                | 5-15-80  |
| CL 1980            | JAD FILE |
| <del>MPH</del>     |          |
| <del>CL 1980</del> |          |
| <del>MPH</del>     |          |
| <del>CL 1980</del> |          |
|                    |          |
|                    |          |

Mesa Petroleum Corp.  
1000 Vaughn Bldg.  
Midland, Texas 79701

Re: Acme #1  
Sec 29 Twn8S Rge26E  
2080/S 660/W  
Chaves County, New Mexico

Gentlemen:

The following is a Deviation Survey of the above well:

308' - 1 degree  
606' - 2 degrees  
868' - 2 degrees  
1172' - 1 1/4 degrees  
1500' - 1/2 degree  
1984' - 1/2 degree  
2558' - 1 degree  
2929' - 1 1/4 degrees  
3433' - 1 1/2 degrees  
3937' - 1 3/4 degrees  
4502' - 1 1/2 degrees  
4900' - 1 3/4 degrees

RECEIVED

AUG 20 1980

O. C. D.  
ARTESIA, OFFICE

*William N Morgan*

William N. Morgan  
Alta-West Drlg., Inc.

STATE OF NEW MEXICO)

COUNTY OF EDDY )

The foregoing was acknowledged before me this 12th day  
of may, 1980, by William N. Morgan.

My Commission Expires:

June 30, 1981