

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
SUBMIT IN DUPLICATE  
(See other instructions on reverse side)  
88240Form approved.  
Budget Bureau No. 42-R555.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Pennzoil Company

3. ADDRESS OF OPERATOR

P. O. Drawer 1828, Midland, TX 79702-1828

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 510' FSL &amp; 990' FEL of Section 30, T-19-S, R-34-E

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

5-8-85

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPUDDED

5-23-85

16. DATE T.D. REACHED

7-5-85

17. DATE COMPL. (Ready to prod.)

8-18-85

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

GL 3650', RKB 3668'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

13,670'

21. PLUG, BACK T.D., MD &amp; TVD

13,150'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TH

9376-9454' Bone Springs

Oil Conservation Division

Case No.

Exhibit No. 28

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDL/CNL, DLL/MSFL

23.

CASING RECORD (Report all strings set in well)

| CASINO SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD   | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|--------------------|---------------|
| 13-3/8"     | 48#             | 411'           | 17-1/2"   | 425 sx Class "C"   |               |
| 8-5/8"      | 24 & 28#        | 4,997'         | 11"       | 2,550 sx Class "C" |               |
| 5-1/2"      | 20 & 17#        | 13,668'        | 7-7/8"    | 920 sx Class "C"   |               |

29.

LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-3/8" | 9282'          | 9282'           |

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

13,186-13,526'; 38 holes (plugged @ 13,150')

9,376-9,454'; 44 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                                                      |
|---------------------|---------------------------------------------------------------------------------------|
| 13,186-13,526'      | 9,600 gals 7-1/2% Dowell MSR                                                          |
| 9,376-9,454'        | 4,500 gals 20% MSR 100 acid; fraced w/2,231 bbls treated FW, 17,000# 20/40 sand & 216 |

33.\*

PRODUCTION

tons CO<sub>2</sub>.

|                       |                 |                                                                      |                         |          |            |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
| 8-18-85               |                 | Flowing                                                              |                         |          |            | Producing                          |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 8-31-85               | 19              | 48/64"                                                               | →                       | 323      | 431        | 174                                | 1.334         |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| 200#                  | Pkr             | →                                                                    | 408                     | 544      | 220        | 39.1°                              |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

Gene Atkins

35. LIST OF ATTACHMENTS

Logs, Deviation Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

E. P. Rodriguez

TITLE

Advanced Engineering Technician

DATE

9-17-85

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Sketch I  
191 Day 1980, Hoidal, NAI 81101-1980  
Sketch II  
73 Thomas RD, Azusa, NAI 84211-0719  
Sketch III  
1000 Rio Grande Rd., Azusa, NAI 81410  
Sketch IV  
P.O. Box 2088, Santa Fe, NAI 87504-2088  
P.O. Box 2088, Santa Fe, NAI 87504-2088

State of New Mexico  
Oil, Minerals & Natural Resources Department

Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
5 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, NAI 87504-2088

☐ AMENDED REPORT

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|                                                                                                       |                                         |                        |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------|
| Operator name and Address<br>Mallon Oil Company<br>P.O. Box 3256<br>Carlsbad, NM 88220 (505) 885-4596 |                                         | OCRID Number<br>013925 |
| Reason for Filing Code<br>RC                                                                          |                                         |                        |
| API Number<br>30-025-29266                                                                            | Well Name<br>Apache Ridge, Bone Springs | Well Code<br>2260      |
| Property Code<br>16285                                                                                | Property Name<br>Mescalero 30 Federal   | Well Number<br>1       |

II. Surface Location

| Tract no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-----------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P         | 30      | 19S      | 34E   | N/A     | 510'          | South            | 990'          | East           | Lea    |

Bottom Hole Location

| Tr. or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West Line | County |
|----------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P              | 30      | 19S      | 34E   | N/A     | 510'          | South            | 990'          | East           | Lea    |

| " Gas Code | " Producing Method Code | " Gas Connection Date | " C-129 Permit Number | " C-129 Effective Date | " C-129 Expiration Date |
|------------|-------------------------|-----------------------|-----------------------|------------------------|-------------------------|
| F          | P                       |                       | N/A                   | N/A                    | N/A                     |

III. Oil and Gas Transporters

| " Transporter ID#(s) | " Transporter Name and Address    | " POU   | " O/G | " POU ULSTR Location and Description |
|----------------------|-----------------------------------|---------|-------|--------------------------------------|
| 186418<br>119410     | McCaskey Basis<br>Trans & Mktg Co | 2815563 | O     | P-30-19S-34E                         |
| 24650                | Dynegy Midstream                  | 2051630 | G     | P-30-19S-34E                         |
|                      |                                   |         |       |                                      |
|                      |                                   |         |       |                                      |
|                      |                                   |         |       |                                      |

IV. Produced Water

| " POU   | " POU ULSTR Location and Description |
|---------|--------------------------------------|
| 2051650 | P-30-19S-34E                         |

V. Well Completion Data

| " Spud Date | " Ready Date           | " TD            | " TMIH         | " Perforations |
|-------------|------------------------|-----------------|----------------|----------------|
|             | 12/29/97               |                 | 12,840'        | 9563'-9500'    |
| " Hole Size | " Casing & Tubing Size | " Depth Set     | " Seals Cement |                |
| Existing    | 2-3/8"                 | Packer at 9478' |                |                |

VI. Well Test Data

| " Date New OR | " Gas Delivery Date | " Test Date | " Test Length | " Tbg. Pressure | " Csg. Pressure |
|---------------|---------------------|-------------|---------------|-----------------|-----------------|
| 12/29/97      | 1/5/98              | 12/20/97    | 24 hrs        | 125             | 0               |
| " Choke Size  | " OG                | " Water     | " Gas         | " AOF           | " Test Method   |
| 1/4"          | 116                 | 0           | 200           | N/A             |                 |

|                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                      |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.<br>Signature: <u>Christy Serrano</u><br>Printed name: <u>Christy Serrano</u><br>Title: <u>Secretary</u><br>Date: <u>2/20/98</u><br>Phone: <u>505-885-4596</u> |  | OIL CONSERVATION DIVISION<br>Approved by: <u>ORIGINAL SIGNED BY</u><br>Title: <u>PAUL F. KAUTZ</u><br>Approval Date: <u>PETROLEUM ENGINEER</u><br><u>AUG 18 2002</u> |  |
| If this is a change of operator RW in the OCRIID number and name of the previous operator                                                                                                                                                                                                                                                                |  | Previous Operator Signature: _____ Printed Name: _____ Title: _____ Date: _____                                                                                      |  |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**AMENDED**

SUBMIT IN DUPLICATE  
(See other instructions  
on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

**WELL COMPLETION OR RECOMPLETION REPORT**

1a. TYPE OF WELL OIL ☒ GAS ☐  
WELL ☒ WELL ☐ DRY ☐ OTHER ☐  
b. TYPE OF COMPLETION  
NEW ☐ WORK ☐ DEEP- ☐ PLUG ☐ DIFF ☐  
WELL ☐ OVER ☐ EN ☐ BACK ☐ RESVR ☒ OTHER ☐ Recompletion

2. NAME OF OPERATOR

Mallon Oil Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements \*)

At surface 510' FSL and 990' FEL

At top prod. interval reported below 510' FSL and 990' FEL

At total depth 510' FSL and 990' FEL

14. PERMIT NO.  
N/A

DATE ISSUED  
N/A

12. COUNTY OR PARISH  
Lea

13. STATE  
New Mexico

15. DATE SPUDDED

16. DATE TD REACHED

17. DATE COMP (Ready to Prod.)  
12/29/97

18. ELEVATION (DF, RKB RT, GR, ETC\*)

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

21. PLUGBACK TD, MD & TVD

22. IF MULTIPLE COMP,  
HOW MANY\*  
N/A

23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL (S). OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD\*)

9563'-9572', 9592'-9604', 9546'-9552', 9538'-9542', 9528'-9530', 9506'-9508' Bone Springs

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

Existing

27. WAS WELL CORED

28.

**CASING RECORD (Report all strings set in well)**

| CASING SIZE/GRADE | WEIGHT LB/FT | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|--------------|----------------|-----------|---------------------------------|---------------|
| Existing          |              |                |           |                                 |               |

29.

**LINER RECORD**

30.

**TUBING RECORD**

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT * | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (M) |
|------|----------|-------------|----------------|-------------|--------|----------------|----------------|
| N/A  |          |             |                |             | 2-3/8" | 9476'          | 9478'          |

31. PERFORATION RECORD (Interval, size, and number)

Set CIBP at 12,840'

9563'-9572', 9592'-9604', 9546'-9552', 9538'-9542', 9528'-9530', 9506'-9508'

32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

33.\*

**PRODUCTION**

DATE FIRST PRODUCTION

12/29/97

PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)

Flowing

WELL STATUS (Producing or Shut In)

Producing

| DATE OF TEST   | HOURS TESTED    | CHOKE SIZE              | PROD'N FOR TEST PERIOD | OIL - BBL | GAS - MCF | WATER - BBL | GAS-OIL RATIO |
|----------------|-----------------|-------------------------|------------------------|-----------|-----------|-------------|---------------|
| 12/28/97       | 24              | 1/4"                    |                        | 116       | 200       | 0           | 1.724         |
| FLOW TBG PRESS | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL - BBL              | GAS - MCF |           |             | (CORR.)       |
| 125            | 0               |                         | 116                    | 200       |           |             |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

N/A

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*[Signature]*

TITLE Production Analyst

DATE 2/20/98

