

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

5. Lease Serial No. **SF-078530**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **FEDERAL 20 No. 1E**

9. AFI Well No. **30-045-26204**

10. Field and Pool, or Exploratory **WHITE WASH MANCOS DK**

11. Sec., T., R., M., on Block and Survey or Area **20-25N-9W**

12. County or Parish **SAN JUAN** 13. State **NM**

14. Date Spudded **02/26/1985** 15. Date T.D. Reached **03/10/1985** 16. Date Completed **05/02/2004**

17. Elevations (DF, RKB, RT, GL)* **6664' GL**

18. Total Depth: MD **6525'** TVD **6480'** 19. Plug Back T.D.: MD **6480'** TVD **6480'** 20. Depth Bridge Plug Set: MD **6480'** TVD **6480'**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **GR/CCL**

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 12-1/4" | 8-5/8" | 24# | | 278' | | 295 cu.ft. | | Surf. | |
| 7-7/8" | 4-1/2" | 10.5# | | 6500' | | 3786 cu.ft. | | Surf. | |
| | | | | | 2352' | | | | |
| | | | | | 4795' | | | | |

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2-3/8" | 6456' KB | | | | | | | |

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------------|-------|--------|---------------------|------|-----------|--------------|
| A) Mancos (Gallup) | 5413' | 5938' | 5413'-5938' | .28" | 26 | |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 5413'-5938' | Fraced well with 100,000# of 20/40 Brady in 70 Quality nitrogen foam. Total fluid pumped 393 bbls. |
| | Total nitrogen pumped 810,942 scf. |

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|----------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 5/4/04 | 5/26 | 24 | → | 6 | 63 | 1 | 42° | ~0.7 | PUMPING |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. SI | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| — | | 245 | → | 6 | 63 | 1 | 10,500 | PRODUCING | |

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|----------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------|
| | | | → | | | | | | ACCEPTED FOR RECORD |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. SI | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| | | | → | | | | | | |

*(See instructions and spaces for additional data on page 2)

JUN 28 2004

FARMINGTON FIELD OFFICE

BY

NMOCD

28b. Production - Interval C

| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate → | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |

28c. Production - Interval D

| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate → | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top Meas. Depth |
|-----------------|-------|--------|------------------------------|------|--------------------|
| Ojo Alamo | 1048' | | | | |
| Kirtland | 1265' | | | | |
| Fruitland | 1670' | | | | |
| Pictured Cliffs | 1921' | | | | |
| Lewis | 2060' | | | | |
| Cliffhouse | 3443' | | | | |
| Menefee | 3553' | | | | |
| Point Lookout | 4309' | | | | |
| Mancos | 4609' | | | | |
| Gallup | 5382' | | | | |
| Greenhorn | 6293' | | | | |
| Graneros | 6345' | | | | |
| Dakota | 6382' | | | | |

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) STEVEN S. DUNN

Title DRILLING & PRODUCTION MANAGER

Signature

Date

6/21/04

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.