

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. **14-20-603-2199**

6. If Indian, Allottee or Tribe Name  
**Navajo**

7. Unit or CA Agreement Name and No.  
**30503**

8. Lease Name and Well No.  
**NV Navajo 21 #4**

9. AFI Well No.  
**30-045-31041**

10. Field and Pool, or Exploratory  
**West Kutz PC & Basin-PC**

11. Sec., T., R., M., on Block and Survey or Area  
**Sec. 21 T29N-R14W**

12. County or Parish  
**San Juan**

13. State  
**NM**

14. Date Spudded  
**06/23/2004**

15. Date T.D. Reached  
**06/25/2004**

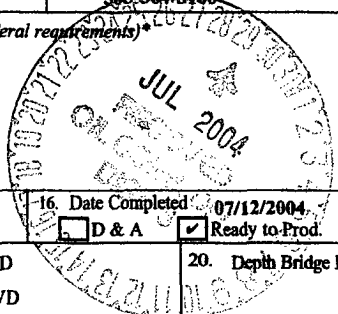
16. Date Completed  
**07/12/2004**

17. Elevations (DF, RKB, RT, GL)\*  
**5590' GL**

18. Total Depth: MD **1218' GL**  
TVD

19. Plug Back T.D.: MD  
TVD

20. Depth Bridge Plug Set: MD  
TVD



21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**Compensated Neutron Log**

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

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 8 3/4"    | 7" H-40    | 17#         | -1ft GL  | 130' - 121' |                      | 60 sx Class B                | 13 bbl            | Surface     | Circ. 4 bbl   |
| 6 1/4"    | 4.5" J-55  | 10.5#       | +1ft GL  | 1187'       |                      | 80 sx Class B                | 29 bbl            |             |               |
|           |            |             |          |             |                      | 75 sx Class B                | 16 bbl            | Surface     | Circ. 15 bbl  |

24. Tubing Record

| Size   | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2 3/8" | 1120'          |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation               | Top   | Bottom | Perforated Interval     | Size  | No. Holes | Perf. Status |
|-------------------------|-------|--------|-------------------------|-------|-----------|--------------|
| A) Basin Fruitland Coal | 894'  | 1018'  | 895'; 901'; 918'        | 0.38" | 3         | Open         |
| B)                      |       |        | 998'-1006'; 1011'-1018' | 0.38" | 44        | Open         |
| C) West Kutz PC         | 1018' | TD     | 1018'-1021'             | 0.38" | 6         | Open         |
| D)                      |       |        |                         |       |           |              |

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

| Depth Interval | Amount and Type of Material   |
|----------------|---|
| 895'-1021'     | Spearhead with 1000 gal 15% HCL.  |
|                | Frac with 44544 gal gelled fluid, with 101425# of 20/40 Brady/ Super LC sand, in five stages. |
|                | Flush with 630 gal Aqua Safe L20  |

28. Production - Interval A

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

28a. Production - Interval B

| 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 |                   |

ACCEPTED FOR RECORD

JUL 27 2004

FARMINGTON FIELD OFFICE  
BY *[Signature]*

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

- In the future, prior authorization is required prior to completing a different productive zone.  
Please file the new CIOZ & commingle application.  
NMOCB

28b. Production - Interval C

|                     |                      |              |                      |         |         |           |                       |             |                   |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | 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<br>→     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |

28c. Production - Interval D

|                     |                      |              |                      |         |         |           |                       |             |                   |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | 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<br>→     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |

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

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 |
| Fruitland Coal<br>Pictured Cliffs | 894'<br>1018' | 1018'<br>TD |                              |      |             |

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) Jo Becksted

Title Compliance Administrator

Signature

*Jo Becksted*

Date 07/23/2004

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.