

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM - 03549

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

2. Name of Operator **AMOCO PRODUCTION COMPANY** Contact: **MARY CORLEY**  
 E-Mail: **corleyml@bp.com**

3. Address **P.O. BOX 3092 HOUSTON, TX 77253** 3a. Phone No. (include area codes) **Ph: 281.366.4491**

4. Location of Well (Report location clearly and in accordance with Federal requirements)  
 At surface **SWNE Lot G 2430FNL 1650FEL**  
 At top prod interval reported below  
 At total depth

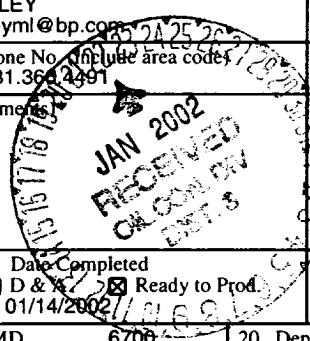
6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.  
 8. Lease Name and Well No. **BOLACK 2**  
 9. API Well No. **30-045-23257**

10. Field and Pool, or Exploratory **BLANCO MESAVERDE**  
 11. Sec., T., R., M., or Block and Survey or Area **Sec 19 T28N R8W Mer NMP**  
 12. County or Parish **SAN JUAN** 13. State **NM**

14. Date Spudded **11/27/1978** 15. Date T.D. Reached **12/15/1978** 16. Date Completed  D & A  Ready to Prod **01/14/2002**  
 17. Elevations (DF, KB, RT, GL)\* **5838 GL**

18. Total Depth: **MD 6717 TVD** 19. Plug Back T.D.: **MD 6700 TVD** 20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **CBL**  
 22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  Yes (Submit analysis)



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 Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 13.750    | 9.625      | 36.0        | 0        | 281         |                      | 250                         |                   | 0           |               |
| 8.750     | 4.500      | 10.5        | 0        | 6714        |                      | 1350                        |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |

24. Tubing Record

| Size  | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 6489           |                   |      |                |                   |      |                |                   |

25. Producing Intervals

26. Perforation Record

| Formation    | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|--------------|------|--------|---------------------|-------|-----------|--------------|
| A) MESAVERDE | 3892 | 4735   | 3892 TO 4247        | 3.125 | 32        |              |
| B)           |      |        | 4354 TO 4735        | 3.125 | 40        |              |
| C)           |      |        |                     |       |           |              |
| D)           |      |        |                     |       |           |              |

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

| Depth Interval | Amount and Type of Material                 |
|----------------|---|
| 3892 TO 4247   | 79,000# OF 16/30 BRADY SAND & 70% FOAM & N2 |
| 4354 TO 4735   | 80,521# OF 16/30 BRADY SAND & 70% FOAM & N2 |

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 |
|---------------------|----------------------|-------------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 01/11/2002          | 01/11/2002           | 12                | →               | 1.0     | 575.0   | 1.0       |                       |             | FLows FROM WELL   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press. 230.0 | 24 Hr. Rate →   | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status | PGW               |

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   |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------|
|                     |                      |              | →               |         |         |           |                       |             | ACCEPTED FOR RECORD |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate →   | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status | JAN 18 2002         |

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #10063 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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.)  
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                                  |
| MESAVERDE | 3892 | 4735   |                              | PICTURED CLIFFS<br>CLIFFHOUSE<br>MENEFFEE<br>POINT LOOKOUT<br>GALLUP<br>DAKOTA | 2170<br>3830<br>3904<br>4436<br>5592<br>6524 |

32. Additional remarks (include plugging procedure):

Amoco Production Company has completed the subject well into the Blanco Mesaverde and is commingling production downhole with the existing Basin Dakota Pool. Please see attache Recompletion and Downhole Commingling Subsequent Report for well work activity.

33. Circle enclosed attachments:

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

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

Electronic Submission #10063 Verified by the BLM Well Information System.  
For AMOCO PRODUCTION COMPANY, sent to the Farmington

Name (please print) MARY CORLEY Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)  Date 01/15/2002

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.

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BOLACK 2  
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT  
01/15/2002

01/13/2002 MIRUSU @ 07:00 hrs. NDWH & NU BOP's. Unseat TBG hanger. SDFN.

01/04/2002 TIH & TOH W/TBG.

01/05/2002 RU, TIH & set a CIBP @ 4850'. Load hole w/2% KCl water. Pressure tested CSG to 2500#. Held Ok. RU & run CBL log. Found good CMT. RU & Perf Point Lookout & Lower Menefee: 3.125 inch diameter

Lower Menefee/Point Lookout perforations, 2 spf, 120° phasing (20 shots/ 40 holes):  
4354', 4365', 4376', 4384', 4393', 4405', 4423', 4429', 4438', 4449', 4461',  
4468', 4493', 4500', 4526', 4534', 4569', 4597', 4654', 4735'

01/07/2002 RU & Frac w/80,521# of 16/30 Brady Sand & 70% Foam & N<sub>2</sub>. RU & TIH w/CIBP & set @ 4260'. RU & Perf Cliffhouse & Menefee: 3.125 inch diameter

Menefee/Cliffhouse perforations, 2 spf, 120° phasing (16 shots/ 32 holes):  
3892', 3899', 3962', 3977', 3991', 4065', 4081', 4114', 4136', 4142', 4167',  
4182', 4202', 4226', 4232', 4247'

RU & Frac w/79,000# of 16/30 Brady Sand & 70% Foam & N<sub>2</sub>. RU & Flow back well thru  $\frac{1}{4}$ " choke all night.

01/08/2002 Flowback well thru  $\frac{1}{4}$ " choke. @ 09:00 hrs upsized to  $\frac{1}{2}$ " choke. @ 15:00 hrs Upsized to  $\frac{3}{4}$ " choke & flowback overnight.

01/09/2002 TIH & tag fill @ 4058'. Circ hole clean to top of CIBP set @ 4260'. PU above perfs & flowed well overnight thru  $\frac{3}{4}$ " choke.

01/10/2002 TIH & tagged fill @ 4245'. Circ hole clean to top of CIBP. DO CIBP. TIH & tagged fill @ 4745'. Circ hole clean to top of CIBP set @ 4850'. PU above perfs & flow back well on  $\frac{3}{4}$ " choke overnight.

01/11/2002 TIH & tag fill @ 4830'. Circ hole clean to top of CIBP set @ 4850'. DO CIBP. TIH & circ clean to PBD @ 6700'. PU above perfs & flow test well 12 hrs. thru  $\frac{3}{4}$ " choke. 575 MCF Gas, Trace WTR, Trace oil.

01/14/2002 TIH & found 0' fill. TOH. TIH W/ 2 3/8" production TBG & land @ 6489'. ND BOP's & NUWH. Pull TBG plug. RDSU

01/15/2002 RDMOSU. Rig Release @ 11:00 hrs.