

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

NM NM 03453

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

BENSON-MONTIN-GREER DRILLING CORP.

3. Address and Telephone No.

4900 COLLEGE BLVD, FARMINGTO, NM 87401 (505) 325-8874

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SECTION 23, T-24-N, R-1-W

K-

8. Well Name and No.

ARROYO BLANCO #23-

9. API Well No.

30039245130000

10. Field and Pool, or Exploratory Area

W. Puerto Chig. Mearas

11. County or Parish, State

RIO ARRIBA, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log (if:))

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PLUGGED AND ABANDONED WELL AS PER CONDITIONS OF APPROVAL RECIEVED ON 04-14-00

SEE ATTACHED PLUGGING REPORT



ALBUQUERQUE, N.M.  
JUN 21 10:17

14. I hereby certify that the foregoing is true and correct.  
Signed Robert Chace Title President Date 5/19/00

(This space for Federal or State office use)

Approved by Patricia M. Hester Title Lands and Mineral Resources Date 6-6-00

Conditions of approval, if any: Surface restoration requirements attached

Title 18 U.S.C. Section 1001, makes 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.



**Key Energy Services, Inc.**

Four Corners Division  
5651 US Highway 64  
P.O. Box 900  
Farmington, NM 87499

Phone: 505-327-4935

Fax: 505-327-4982

## P&A OPERATION CEMENT SERVICE REPORT

**WELL NAME:** ARROYO BLANCO #23-1  
**DATE STARTED:** 04-13-00  
**DATE COMPLETED:** 05-01-00

**TOTAL PLUGS SET:** 7  
**TOTAL SACKS USED:** 186 sx  
**BLM WITNESS:** A. YEPA  
**OPERATOR WITNESS:** N/A

MOVE RIG ONTO LOCATION AND RIGGED UP. HELD SAFETY MEETING FOR EVERYONE ON LOCATION. BLED WELL DOWN (280 PSI). ND WELLHEAD AND NU BOP. RIH WITH GAUGE RING TO 6250'. NOTE, NO TUBING IN HOLE. HELPED PU 210 JOINTS OF 2 3/8" TBG AT THE LLAVES YARD AND SPOTTED FLOAT BACK ON LOCATION.

**PLUG #1 (GALLUP, 6135' - 6235'),**  
RIH WITH 5 1/2" CIBP AND SET AT 6237'. POH. PU AND STRAP IN HOLE WITH 2 3/8" WORK STRING AND TAGGED CIBP AT 6235'. CIRCULATED HOLE CLEAN WITH WATER AND PRESSURE TESTED CASING TO 500 PSI AND HELD GOOD FOR 10 MINUTES. BALANCED 11 SX CL. B CEMENT PLUG ON TOP OF CIBP. PUH TO 5188'.

**PLUG #2 (POINT LOOKOUT, 5021' - 5188'),**  
BALANCED 19 SX CL. B CEMENT PLUG INSIDE CASING. PUH TO 4660'.

**PLUG #3 (CLIFFHOUSE, 4505' - 4660'),**  
BALANCED 18 SX CL. B CEMENT PLUG INSIDE CASING. PUH TO 2897'.

### 04-18-00

RD FLOOR, ND BOP, NU WELLHEAD, RD RIG AND MOVE OFF LOCATION. WAITED FOR FURTHER APPROVAL TO CONTINUE PLUGGING WELL.

### 04-28-00

MOL AND RU RIG. ND WELLHEAD AND NU BOP. PU AND RIH OPEN ENDED WITH 92 JTS OF 2 3/8" TBG.

**PLUG #4 (OJO ALAMO, KIRTLAND, P.C., 2447' - 2897'),**  
BALANCED 57 SX CL. B CEMENT PLUG INSIDE CASING. PUH TO 1807'.

**PLUG #5 (NACIMIENTO, 1690' - 1801'),**  
BALANCED 17 SX CL. B CEMENT PLUG INSIDE CASING. PUH TO 473'.

**PLUG #6 (SURFACE SHOE, 362' - 473'),**  
BALANCED 17 SX CL. B CEMENT PLUG INSIDE CASING. PUH TO 96'.

**PLUG #7 (SURFACE, 0' - 96'),**  
MIXED 11 SX CL. B CEMENT TO CIRCULATE GOOD CEMENT TO SURFACE. POH.

RD FLOOR, ND BOP AND DUG CELLAR. CUT OFF WELLHEAD BELOW SURFACE CASING FLANGE AND TOPPED OFF CASINGS WITH 36 SX CEMENT. INSTALLED DRY HOLE MARKER. RD RIG AND MOL.

*NEC*

NATHAN E. CRAWFORD  
P&A SUPERVISOR

## BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.

2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in an approved facility.

3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" in depth before reseeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

% Slope	Spacing Interval
Less than 20%	200'
2 to 5 %	150'
6 to 9 %	100'
10 to 15 %	50'
Greater than 15%	30'

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.

6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.

7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us. On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.