

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Sundry Notices and Reports on Wells

1. Type of Well  
Oil Well

2. Name of Operator  
Dugan Production Corporation in c/o San Juan Coal Company

3. Address & Phone No. of Operator  
P. O. Box 561, Waterflow, NM 87421 (505) 598-2008

4. Location of Well, Footage, Sec., T, R, M  
805' FSL and 1490' FWL, Section 31, T-30-N, R-14-W,

5. Lease Number  
NM-4465

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Mayre 90

9. API Well No.  
30-045-228291

10. Field and Pool  
Twin Mounds, PC

11. County & State  
San Juan County, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

BHP Billiton for Dugan Production plugged and abandoned this well on April 13, 2005  
per the attached report.

Approved as to plugging of the well bore.  
Liability under bond is retained until  
surface restoration is completed.

SIGNATURE

*William F. Clark*  
William F. Clark

Contractor

April 14, 2005

(This space for Federal or State Office use)

ACCEPTED FOR RECORD

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_

CONDITION OF APPROVAL, if any:

JUN 14 2005

FARMINGTON FIELD OFFICE  
BY *Sum*  
NMOCD

# A-PLUS WELL SERVICE, INC.

P.O. BOX 1979  
Farmington, New Mexico 87499  
505-325-2627 \* fax: 505-325-1211

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Dugan Production  
BHP Billiton  
**Mayre #90**

April 14, 2005  
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805' FSL & 1490' FWL, Section 31, T-30-N, R-14-W  
San Juan County, NM  
Lease Number: NM NM-4465  
API #30-045-28291

## Plug & Abandonment Report

### Work Summary:

- 4/6/05 MOL & RU rig. Open well, NU 4.5" wellhead. NU BOP. RU floor.
- 4/7/05 PU taper mill. TIH with 6 - 3.125" drill collars, 17 joints 2.875" tubing to 707'. PUH with tubing and collars. LD taper mill. TIH with 4.5" casing scraper to 699', casing OK. Circulate well clean with 20 bbls of water. TOH and LD scraper. Shut in well.
- 4/8/05 RU JetWest wireline. Run Gyro survey on well from 699' to surface. RD wireline. TIH with tubing to 716'.  
**Plug #1** with 10 sxs Type II cement (12 cf) inside casing from 716' up to 581' to cover the Pictured Cliffs top.  
PUH to 654'. Reverse circulate well clean. TOH with tubing. WOC. TIH with tubing and tag cement at 654'. TOH with tubing. Shut in well.
- 4/11/05 Mix mud in steel pit to a 45 viscosity. PU under-reaming Bottom Hole Assembly (BHA - section mill and drill collars). TIH with 15 joints tubing. RU drilling equipment. Circulate well with mud. Mill out 4.5" casing from 634' to 647'. Circulate casing clean. Pull BHA up 600' and shut in well.
- 4/12/05 Circulate mud in pit to raise the viscosity to 46 seconds. Continue to mill out casing from 647' to 661'. TOH with BHA. LD under-reamer and collars. TIH with tubing and set 4.5" DHS CR at 497'. Load casing with 10 bbls of water and circulate casing clean. Pressure test bradenhead annulus to 500#, held OK. Establish rate below CR into formation at 2 bpm at 600#.  
**Plug #2** with CR at 497', mix and pump 50 sxs Type II cement (59 cf), squeeze all cement under the CR to fill the Fruitland coal zones.  
TOH and LD CR setting tool. TIH with tubing to 497'.  
**Plug #3** with 37 sxs Type II cement (43 cf) inside the casing 4.5" casing from 497' to surface, circulate good cement out the casing. TOH and LD all tubing. SI well.
- 4/13/05 ND BOP. Cut off wellhead. Found cement at the surface in both the 4.5" casing and in the annulus. Mix 15 sxs Type III cement to set P&A marker. RD & MOL.  
Ron Snow with BLM was on location.