submitted in lieu of Form 3160-5

# UNITED STATES

# DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells  5. Wease Number Sp-078124' Am 6. If Indian, All. or Tribe Name  7. Unit Agreement Name Huerfano Unit  8. Well Name & Number Huerfano Unit  8. Well Name & Number Huerfano Unit  8. Well Name & Number Huerfano Unit  9. API Well No. 30-045-29168  10. Greation of Well, Footage, Sec., T. R. M. 1450'FNL, 1720'FEL, Sec.10, T-25-N, R-10-W, NMFM  12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission  X. Notice of Intent  X. Abandonment  Casing Repair  Plugging Back Non-Routine Fracturing Casing Repair Water Shut off Conversion to Injection  13. Describe Proposed or Completed Operations  It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.  14. I hereby certify that the foregoing is true and correct.  Signed  MAMAU  Title Regulatory Administrator Date 10/28/99  Title Regulatory Administrator Date 10/28/99  Title Regulatory Administrator Date 10/28/99					<del></del>
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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## **Huerfano Unit NP #288**

Basin Dakota 1450' FNL and 1720' FEL, Section 10, T-25-N, R-10-W San Juan Co., New Mexico Recommended P&A Procedure 10/27/99

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

- 1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Burlington safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary.
- Pick up on rods to insure they are free, then reseat the pump. Pressure test tubing to 500#. Pull and LD rods and pump. ND wellhead, and NU BOP and stripping head. Test BOP. TOH and tally 207 joints 2-7/8" tubing (6453'); visually inspect the tubing. If necessary LD tubing and PU workstring. Round-trip 4-1/2" gauge ring to 6412'.
- 3. Plug #1 (Dakota perforations and top, 6412' 6312'): Set 4-1/2" CIBP at 6412'. TIH with open ended tubing and tag CIBP. Load casing with water and circulate clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plug as appropriate. Mix 11 sxs Class B cement and spot a plug above the CIBP to isolate Dakota perforations. PUH to 5473'.
- Plug #2 (Gallup top, 5473' 5373'): Mix 11 sxs Class B cement and spot a balanced plug inside casing to cover Gallup top, PUH to 3527'.
- Plug #3 (Mesaverde top, 3527' 3427'): Mix 11 sxs Class B cement and spot a balanced plug inside casing to cover Mesaverde top. PUH to 1977'.
- 6. Plug #4 (Pictured Cliffs and Fruitland tops, 1972 1728'): Mix 22 sxs Class B cement and spot a balanced plug inside casing to cover through Fruitland top. PUH to 1200'.
- 7. Plug #5 (Kirtland and Ojo Alamo tops, 1200' 963'): Mix 23 sxs Class B cement and spot a balanced plug inside casing to cover through Ojo Alamo top. PUH to 397'.
- Plug #6 (8-5/8" Casing shoe, 397' -297'): Mix 11 sxs Class B cement and spot a balanced plug inside 4-1/2" casing to cover the 8-5/8" casing shoe. POH and LD tubing.
- Plug #7 (Surface): Pressure test the bradenhead to 300#. Perforate 2 HSC squeeze holes at 50'. Attempt to establish circulation out bradenhead. If able to circulate out bradenhead, then mix and pump approximately 15 sxs Class B cement down the 4-1/2" casing, circulating good cement out bradenhead. If unable to circulate out the bradenhead, then TIH to 50' and fill the 4-1/2" casing to surface. Shut in well and WOC,

10. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Operations Engineer: L. Tom Loveland

Office: 326-9771 Pager: 324-2568

Home: 564-4418

## Huerfano Unit NP #288

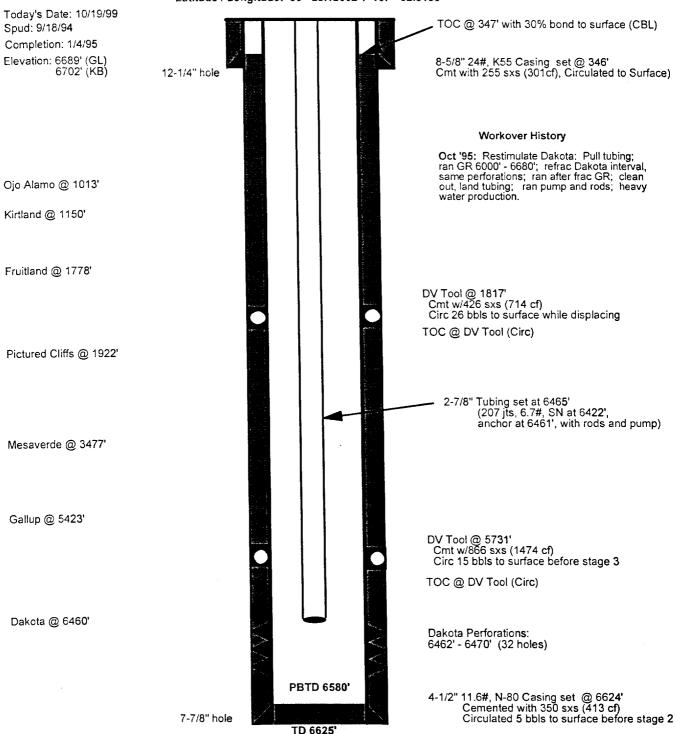
## Current

### Asset ID #4306601

#### Basin Dakota

NE, Section 10, T-25-N, R-10-W, San Juan County, NM

Latitude / Longitude: 36 - 25.12662' / 107 - 52.8186'



# Huerfano Unit NP #288

Proposed P&A Asset ID #4306601

Basin Dakota

NE, Section 10, T-25-N, R-10-W, San Juan County, NM

Latitude / Longitude: 36 - 25.12662' /107 - 52.8186'

Plug #7 50' - Surface Cmt with 15 sxs Class B

Today's Date: 10/19/99 Spud: 9/18/94 Completion: 1/4/95 Elevation: 6689' (GL) 6702' (KB)

Ojo Alamo @ 1013'

Kirtland @ 1150'

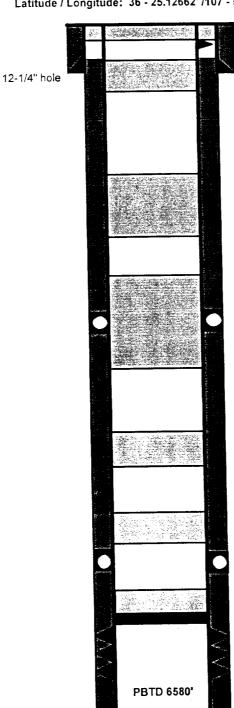
Fruitland @ 1778'

Pictured Cliffs @ 1922'

Mesaverde @ 3477'

Gallup @ 5423'

Dakota @ 6460'



7-7/8" hole

TD 6625'

Perforate @ 50'

TOC @ 347' with 30% bond to surface (CBL)

8-5/8" 24#, K55 Casing set @ 346' Cmt with 255 sxs (301 cf), Circulated to Surface)

> Plug #6 397' - 297' Cmt with 11 sxs Class B

> Plug #5 1200' - 963' Cmt with 23 sxs Class B

Plug #4 1977' - 1728' Cmt with 22 sxs Class B

DV Tool @ 1817'
Cmt w/426 sxs (714 cf)
Circ 26 bbls to surface while displacing
TOC @ DV Tool (Circ)

Plug #3 3527' - 3427' Cmt with 11 sxs Class B

Plug #2 5473' - 5373' Cmt with 11 sxs Class B

DV Tool @ 5731'
Cmt w/866 sxs (1474 cf)
Circ 15 bbls to surface before stage 3

TOC @ DV Tool (Circ)

Set CIBP @ 6412'

Plug #1 6412' - 6312' Cmt with 11 sxs Class B

Dakota Perforations: 6462' - 6470' (32 holes)

4-1/2" 11.6#, N-80 Casing set @ 6624' Cemented with 350 sxs (413 cf) Circulated 5 bbls to surface before stage 2