

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
GAS

2. Name of Operator
MERIDIAN OIL

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
990' FSL, 1650' FWL, Sec. 20, T-26-N, R-10-W, NMPM

5. Lease Number
SF-077933A 080893
6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

Huerfano Unit
8. Well Name & Number
Huerfano Unit #212E
9. API Well No.
30-045-21399
10. Field and Pool
Basin Dakota
11. County and State
San Juan Co, 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

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED
DEC 18 1995
OIL CON. DIV.
DIST. 8

070 FARMINGTON, NM
55 DEC -5 PM 12:17

14. I hereby certify that the foregoing is true and correct.

Signed [Signature] (ROS1) Title Regulatory Administrator Date 12/4/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

NMOCD

APPROVED

DEC 14 1995
DISTRICT MANAGER

PLUG & ABANDONMENT PROCEDURE

Huerfano Unit #212E

Basin Dakota

SW Section 20, T-26-N, R-10-W

San Juan Co., New Mexico

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 to all NMOCD, BLM, and MOI regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
3. POH and tally 2-3/8" tubing (209 jts 2-3/8", 4.7#, K-55, tbg @ 6510', SN @ 6478'), visually inspect tubing and replace bad joints as necessary. PU and RIH with a 4-1/2" casing scraper or gauge ring to 6350'. POOH.
4. **Plug #1 (Dakota Perforations, 6320' - 6270')**: PU and RIH with a 4-1/2" CIBP set @ 6320'. RIH with tubing and tag CIBP. Mix 8 sx class B cement and spot cement plug from 6320' to 6270'. Pull above cement and spot water to 5480'. Pressure test casing to 500 psi. POH with tubing.
5. **Plug #2 (Gallup top, 5480' - 5380')**: Perforate 4 squeeze holes at 5480'. Establish rate into squeeze holes if casing tested. PU 4-1/2" cement retainer and RIH; set at 5430'. Establish rate into squeeze holes. Mix and pump 51 sx Class B cement, squeeze 39 sx outside casing from 5480' to 5380' and leave 12 sx cement inside casing. Pull above cement and spot water to 3650'.
6. **Plug #3 (Mesaverde top, 3650' - 3550')**: Pull up to 3650'. Mix 12 sx Class B cement and spot a balanced plug from 3650' to 3550' to cover the Mesaverde top. Pull above cement and spot water to 1963'.
7. **Plug #4 (Pictured Cliffs and Fruitland tops, 1963' - 1615')**: Pull up to 1963'. Mix 31 sx Class B cement and spot a balanced plug from 1963' to 1615' to cover the Pictured Cliffs and Fruitland tops. Pull above cement and spot water to 1150'.
8. **Plug #5 (Kirtland top, 1150' - 1050')**: Pull up to 1150'. Mix 12 sx Class B cement and spot a balanced plug from 1150' to 1050' to cover the Kirtland top. Pull above cement and spot water to 926'. POOH.
9. **Plug #6 (Ojo Alamo top, 926' - 826')**: Perforate 4 holes at 926'. Establish rate into squeeze hole. PU and RIH with 4-1/2" cement retainer; set @ 876'. Mix and pump 51 sx class B cement, squeeze 39 sx outside casing from 926' to 826' and leave 12 sx cement inside casing. Pull above cement and spot water to 265'. POH and LD tubing and setting tool.
10. **Plug #7 (Surface, 265' - Surface)**: Perforate 2 holes at 265'. Establish circulation out bradenhead valve. Mix approximately 75 sx Class B cement and pump down 4-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
11. ND BOP and cut off wellhead below surface casing flange. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:


Operations Engineer

Approval:

Production Superintendent

Huerfano Unit #212E

CURRENT

Basin Dakota

SW Section 20, T-26-N, R-10-W, San Juan County, NM

Today's Date: 9/27/95

Spud: 5/9/74

Completed: 6/26/74

Nacimiento @
Surface

12-1/4" hole

8-5/8", 24.0#, K-55, 8rd, Csg set @ 215'.
Cmt w/182 cf (155sx) (Circulated to Surface)

Ojo Alamo @ 875'

Top of cement @ 1000' (TS)

Kirtland @ 1100'

Fruitland @ 1665'

Pictured Cliffs @ 1913'

DV Tool @ 2155'.
Cmt 3rd stg w/430 cf (164 sx)

Top of cement @ 3421' (Calc, 75%)

Mesa Verde @ 3600'

DV Tool @ 4675'.
Cmt 2nd stg w/381 cf (145 sx)

Top of cement @ 5496' (Calc, 75%)

Gallup @ 5430'

Ran 209 jts 2-3/8", 4.7#, K-55, tubing set @ 6510'.
SN 1 jt off bottom @ 6478'

Dakota @ 6422'

Dakota Perforations:
6370' - 6528', Total 6 holes

PBTD 6562'

FC @ 6562'

7-7/8" hole

TD 6576'

4-1/2", 10.5#, KS, 8rd, Csg set @ 6562'.
Cmt 1st stg w/328 cf (150 sx)

Huerfano Unit #212E

PROPOSED

Basin Dakota

SW Section 20, T-26-N, R-10-W, San Juan County, NM

Today's Date: 9/27/95

Spud: 5/9/74

Completed: 6/26/74

Nacimiento @
Surface

Ojo Alamo @ 876'

Kirtland @ 1100'

Fruitland @ 1665'

Pictured Cliffs @ 1913'

Mesa Verde @ 3600'

Gallup @ 5430'

Dakota @ 6422'

