

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM MAIL ROOM

Sundry Notices and Reports on Wells

55 OCT 10 PM 2:55

1. Type of Well
GAS

070 FARMINGTON, NM

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
1090' FSL, 1750' FWL, Sec. 26, T-27-N, R-9-W, NMPM

5. Lease Number
SF-080117
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
Huerfanito Unit
8. Well Name & Number
Huerfanito Unit #85
9. API Well No.
30-045-06209
10. Field and Pool
Blanco MV/Basin DK
11. County and State
San Juan Co, NM

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

Type of Submission

Type of Action

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

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
OCT 18 1995
OIL CONSERVATION
DIVISION

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

Signed [Signature] (ROS1) Title Regulatory Administrator Date 10/9/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED
AS AMENDED

OCT 18 1995

DISTRICT MANAGER

NMOCD

PLUG & ABANDONMENT PROCEDURE

Huerfanito Unit #85

Blanco Mesa Verde/Basin Dakota Dual

SW Section 26, T-27-N, R-09-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. POOH and tally 1-1/4" tubing (140 jts @ 4580', SN @ 4563'). Release anchor latch by rotating 10 to 15 turns to the right at the tool and then lift up 2 points above string weight to unseat seal assembly. POOH and tally 2-3/8" tubing (212 jts @ 6706', Otis Type X SN @ 6689'). Visually inspect tbg for corrosion and replace any bad joints as necessary.
4. **Plug #1 (Dakota Perfs and top, 6738' - 6500')**: RIH with open ended tubing to 6738' and mix 44 sx Class B cement and spot a cement plug from 6738' to 6500'. Spot water to 5733'. POOH. WOC. PU and RIH with 5-1/2" casing scraper or gauge ring to 4480'. POOH. RIH with wireline and tag cement. POOH.
5. **Plug #2 (Gallup top, 5733' - 5633')**: RIH with open ended tubing to 5733' and mix 17 sx Class B cement and spot a cement plug from 5733' to 5633'. POOH.
6. **Plug #3 (Mesaverde Perfs, 4480' - 4430')**: RIH with 5-1/2" CIBP and set at 4480'. RIH with 2-3/8" tubing and tag CIBP. Mix 6 sx Class B cement and spot plug from 4480' to 4430'. PU above cement and spot water to 3825'. Pressure test casing to 500#.
7. **Plug #4 (Mesaverde top, 3825' - 3725')**: POH to 3825'. Mix 17 sx Class B cement and spot a balanced plug from 3825' to 3725'. Pull above cement and spot water to 2243'.
8. **Plug #5 (Pictured Cliffs and Fruitland tops, 2243' - 1960')**: POH to 2243'. Mix 37 sx Class B cement and spot a balanced plug from 2243' to 1960'. PU above cement and spot water to 1523'. POOH.
9. **Plug #6 (Kirtland and Ojo Alamo tops, 1523' - 1258')**: Perforate 4 holes @ 1523'. Attempt to establish a rate into perforations with water. RIH with 5-1/2" cement retainer and set @ 1308'. Mix and pump 114 sx class B cement, pump 102 sx below retainer and spot 12 sx above retainer. Pull above cement and spot water to 394'. POOH.
10. **Plug #7 (Surface, 394' - Surface)**: Perforate 2 holes @ 394'. Establish circulation out bradenhead valve. Mix approximately 127 sx Class B cement and pump down 5-1/2" 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

Huerfanito Unit #85

CURRENT

Blanco Mesaverde/Basin Dakota Dual
Section 26, T-27-N, R-9-W, San Juan County, NM

Today's Date: 9/14/95
Spud: 10/1/65
Completed: 10/19/65

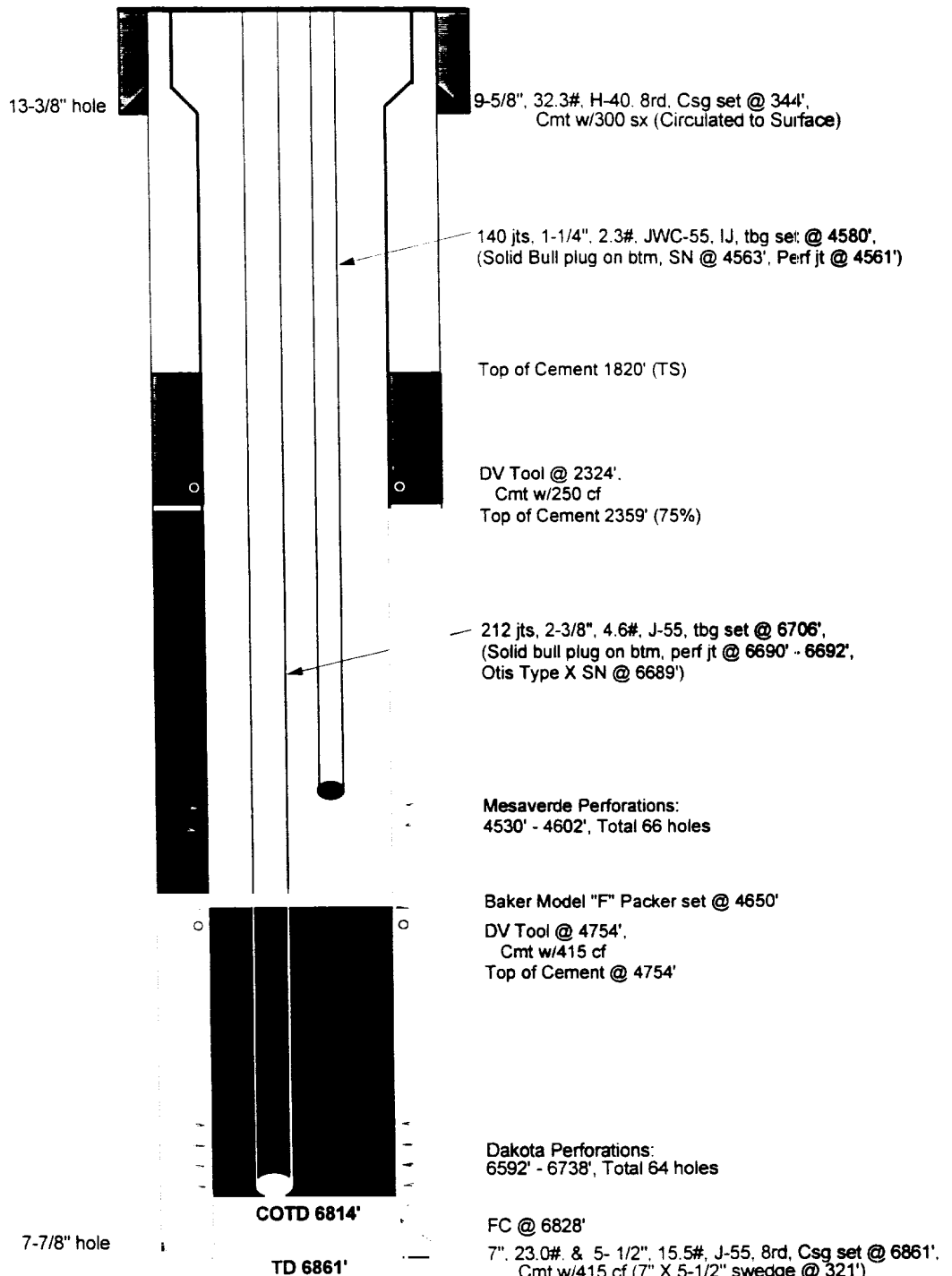
Ojo Alamo @ 1308'
Kirtland @ 1473'

Fruitland @ 2010'
Pictured Cliffs @ 2193'

Mesaverde @ 3775'

Gallup @ 5683'

Dakota @ 6650'



Huerfanito Unit #85

PROPOSED

Blanco Mesaverde/Basin Dakota Dual
Section 26, T-27-N, R-9-W, San Juan County, NM

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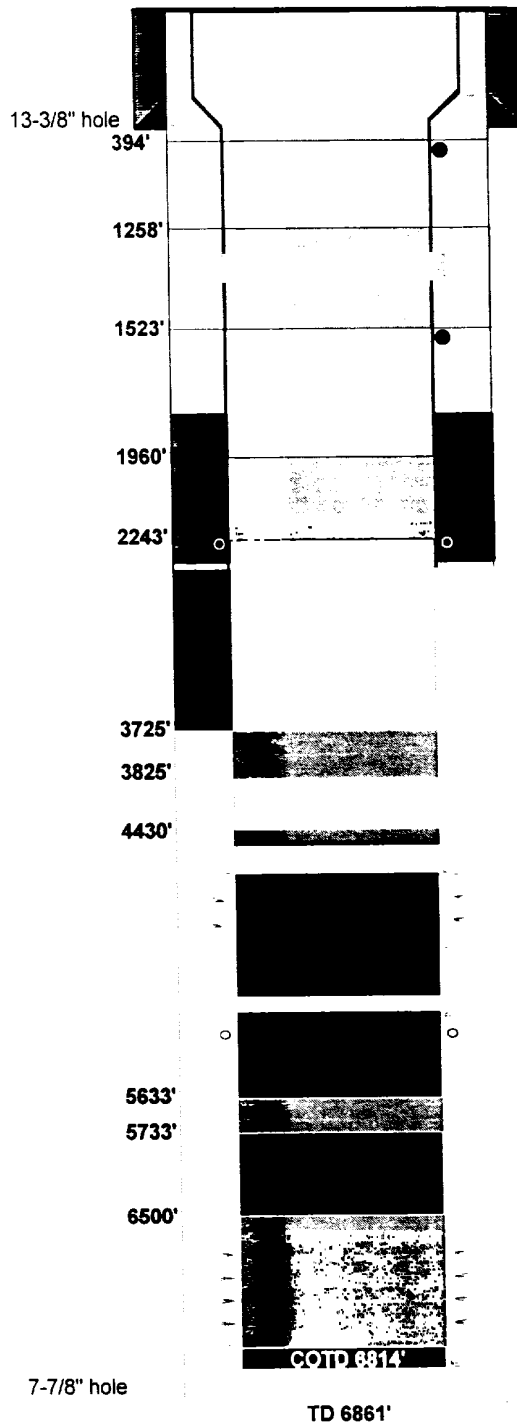
Ojo Alamo @ 1308'
Kirtland @ 1473'

Fruitland @ 2010'
Pictured Cliffs @ 2193'

Mesaverde @ 3775'

Gallup @ 5683'

Dakota @ 6650'



Plug #7: 394' - Surface,
Cmt w/127 sx Class B Cmt

9-5/8", 32.3#, H-40, 8rd, Csg set @ 344',
Cmt w/300 sx (Circulated to Surface)
Perf @ 394'

Plug #6: 1523' - 1258',
Cmt w/114 sx Class B Cmt,
102 sx below retainer, 12 sx
above retainer
CR @ 1308'

Perf @ 1523'

Top of Cement 1820' (TS)

Plug #5: 2243' - 1960',
Cmt w/38 sx Class B Cmt

DV Tool @ 2324',
Cmt w/250 cf
Top of Cement 2359' (75%)

Plug #4: 3825' - 3725',
Cmt w/17 sx Class B Cmt

CIBP @ 4480' Plug #3: 4480' - 4430',
Cmt w/6 sx Class B Cmt

Mesaverde Perforations:
4530' - 4602', Total 66 holes

Baker Model "F" Packer set @ 4650'
DV Tool @ 4754',
Cmt w/415 cf
Top of Cement @ 4754'

Plug #2: 5733' - 5633',
Cmt w/17 sx Class B Cmt

Plug #1: 6738' - 6500',
Cmt w/44 sx Class B Cmt

Dakota Perforations:
6592' - 6738', Total 64 holes

FC @ 6828'
7", 23.0#, & 5- 1/2", 15.5#, J-55, 8rd, Csg set @ 6861',
Cmt w/415 cf (7" X 5-1/2" swedge @ 321')