Submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM
96 FEB 20 PM 12:03
070 ALBUQUERQUE, N.M.

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**
   790'FNL, 790'FWL, Sec.36, T-25-N, R-2-W, NMPM

5. **Lease Number**
   NM-03991

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

8. **Well Name & Number**
   Hill Federal #3

9. **API Well No.**
   30-039-23801

10. **Field and Pool**
    Gavilan Mancos

11. **County and State**
    Rio Arriba Co, NM

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

Type of Submission	Type of Action	
_X_ Notice of Intent	_X_ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	___ 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
MAR - 1 1996
OIL CON. DIV.
DIST. 3

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

Signed Peggy Bradfield (ROS9) Title Regulatory Administrator Date 2/14/96

Chief, Lands and Mineral Resources

(This space for Federal or State Office use)
APPROVED BY Robert Kent Title _____ Date FEB 28 1996
CONDITION OF APPROVAL, if any:

Surface restoration as per attached letter.

PLUG & ABANDONMENT PROCEDURE

1-29-96

Hill Federal #3
Gavilan Mancos
NW Section 36, T-25-N, R-03-W
Rio Arriba Co., New Mexico

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

1. Install and/or test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Meridian safety rules and regulations.

2. MOL and RU daylight pulling unit. Blow well down; kill with water if necessary. Pull and LD rod and pump if present. ND wellhead and NU BOP and stripping head; test BOP.

3. POH and tally 2-3/8" tubing (246 joints @ 7534', SN 1 jt off bottom); visually inspect. If necessary LD 2-3/8" tubing and PU 2-3/8" workstring.

4. **Plug #1 (Dakota and Graneros tops, 7988' - 7782')**: RIH with open ended tubing to 7988' or as deep as possible. Pump 50 bbls water down tubing. Mix 28 sx Class B cement and spot a balanced plug over the Dakota and Graneros tops. POH to 7583'.

5. **Plug #2 (Mancos perforations and top, 7583' - 6794'):** Use 104 sx Class B cement and spot balanced plugs, 52 sx at a time, over Mancos perforations and top. POH with tubing and WOC. While WOC, RIH with 5-1/2" gauge ring or casing scraper to 5178'. RIH and tag cement. Pressure test casing to 500#.

6. **Plug #3 (Mesaverde top, 5228' - 5128'):** Perforate 3 or 4 squeeze holes at 5228'. Establish rate into squeeze holes if casing tested. PU 5-1/2" cement retainer and RIH; set at 5178'. Pressure test tubing to 1000#, establish rate into Mesaverde squeeze holes. Mix 46 sx Class B cement and squeeze 29 sx cement outside 5-1/2" casing and leave 17 sx cement inside casing to cover Mesaverde top. POH to 3512'.

7. **Plug #4 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3512' - 3112'):** Mix 50 sx Class B cement and spot balanced plug from 3512' to 3112' inside casing. Pressure test casing to 500#. POH and LD setting tool.

8. **Plug #5 (Nacimiento top, 1765' - 1665'):** Perforate 3 or 4 squeeze holes at 1765'. Establish rate into squeeze holes if casing tested. PU 5-1/2" cement retainer and RIH; set at 1715'. Establish rate into Nacimiento squeeze holes. Mix 46 sx Class B cement and squeeze 29 sx cement outside 5-1/2" casing and leave 17 sx cement inside casing to cover Nacimiento top. POH and LD setting tool.

9. **Plug #6 (Casing Shoe, 438' - 338'):** Perforate 4 squeeze holes at 438'. Establish circulation out bradenhead valve. RIH with tubing to 438' and mix 132 sx Class B cement, squeeze 115 sx outside casing and leave 17 sx inside casing. POH and LD tubing. Shut in well and WOC. RIH and tag cement.

10. **Plug #7 (Surface, 50' - Surface):** Perforate 2 squeeze holes at 50'. Establish circulation out bradenhead valve. Mix and pump approximately 37 sx Class B cement down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.

11. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

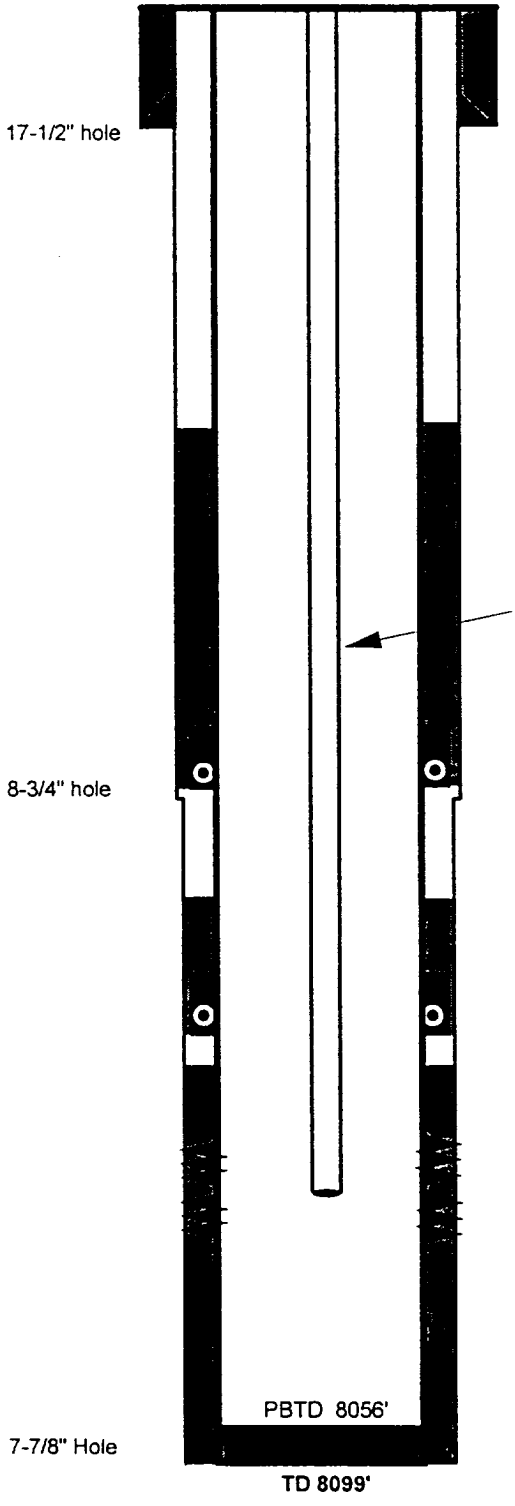
Hill Federal #3

Current

Gavilan Mancos

NW Section 36, T-25-N, R-3-W, Rio Arriba County, NM

Today's Date: 1/29/96
Spud: 9/17/85
Completed: 10/28/85



13-3/8", 68.0#, N-80, Csg set @ 388',
Cmt w/545 cf (Circulated to Surface)

Nacimiento @ 1715'

Top of Cmt @ 2325' (TS)

Ojo Alamo @ 3162'

Kirtland @ 3330'
Fruitland @ 3393'

246 jts, 2-3/8", 4.7#, J-55, tbg set @ 7534',
(SN 1 jt off bottom)

Pictured Cliffs @ 3462'

DV tool @ 3819',
Cmt w/732 cf
Changed drill bits from 8-3/4" to 7-7/8" @ 4047'

Mesaverde @ 5178'

Top of Cmt @ 5532' (CBL)

DV tool @ 5778',
Cmt w/408 cf

Top of Cmt @ 6088' (CBL)

Mancos @ 6868'

Mancos Perforations:
6844' - 7136', Total 28 holes
7172' - 7533', Total 23 holes

Greenhorn @ 7755'

Graneros @ 7832'

Dakota @ 7938'

5-1/2", 17.0#, N-80 & K-55, Csg set @ 8099',
Cmt w/859 cf

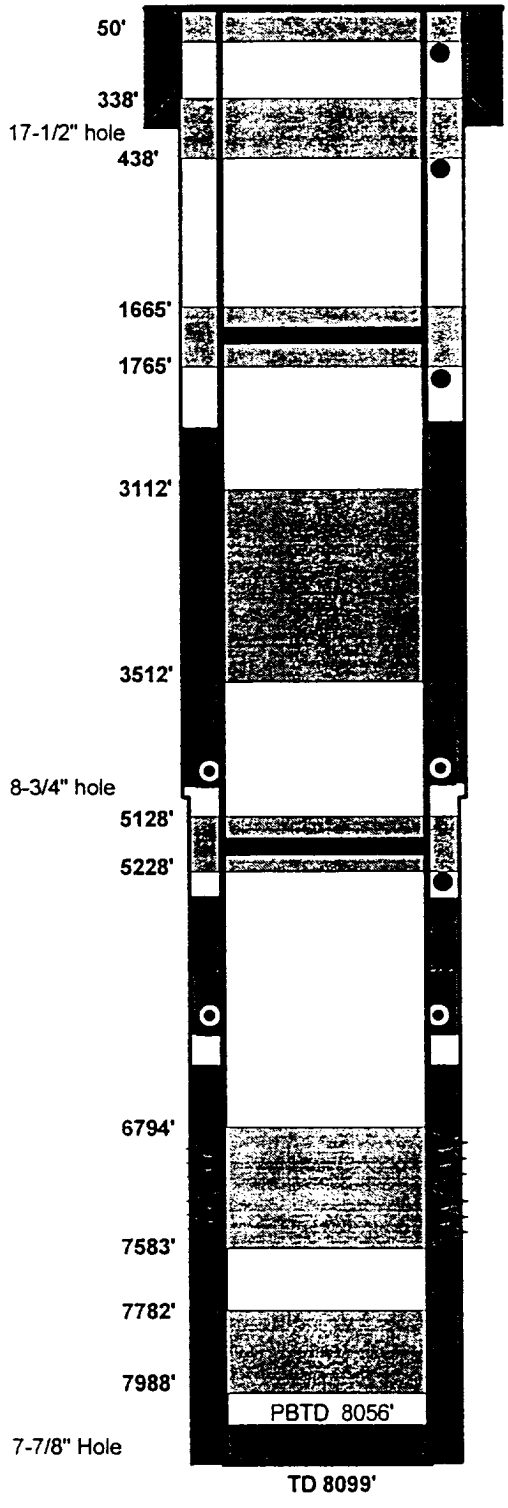
Hill Federal #3

Proposed

Gavilan Mancos

NW Section 36, T-25-N, R-3-W, Rio Arriba County, NM

Today's Date: 1/29/96
Spud: 9/17/85
Completed: 10/28/85



Plug #7: 50' - Surface, Cmt w/37 sx Class B Cmt

Perforate @ 50'

13-3/8", 68.0#, N-80, Csg set @ 388', Cmt w/545 cf (Circulated to Surface)

Perforate @ 438'

Plug #6: 438' - 338', Cmt w/132 sx Class B Cmt, 115 sx outside and 17 sx inside

Nacimiento @ 1715'

Cmt Ret @ 1715'

Plug #5: 1765' - 1665', Cmt w/46 sx Class B Cmt, 29 sx outside and 17 sx inside

Perforate @ 1765'

Top of Cmt @ 2325' (TS)

Ojo Alamo @ 3162'

Kirtland @ 3330'

Fruitland @ 3393'

Pictured Cliffs @ 3462'

Plug #4: 3512' - 3112', Cmt w/50 sx Class B Cmt

DV tool @ 3819', Cmt w/732 cf

Plug #3: 5228' - 5128', Cmt w/46 sx Class B Cmt, 29 sx outside, 17 sx inside

Changed drill bits from 8-3/4" to 7-7/8" @ 4047'

Mesaverde @ 5178'

Cmt Ret @ 5178'

Perforate @ 5228'

Top of Cmt @ 5532' (CBL)

DV tool @ 5778', Cmt w/408 cf

Top of Cmt @ 6088' (CBL)

Plug #2: 7583' - 6794', Cmt w/104 sx Class B Cmt (20% excess, long plug)

Mancos @ 6868'

Mancos Perforations:
6844' - 7136', Total 28 holes
7172' - 7533', Total 23 holes

Greenhorn @ 7755'

Graneros @ 7832'

Plug #1: 7988' - 7782', Cmt w/28 sx Class B Cmt

Dakota @ 7938'

5-1/2", 17.0#, N-80 & K-55, Csg set @ 8099', Cmt w/859 cf