

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
1990' FNL, 1100' FEL, Sec.3, T-25-N, R-3-W, NMPM

5. Lease Number
SF-080566
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
Ruddock #7A
9. API Well No.
30-039-22873
10. Field and Pool
Blanco Mesaverde
11. County and State
Rio Arriba 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
MAR 27 1996

OIL CON. DIV.
DIST. 3

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

Signed Robert Kent (ROS9) Title Regulatory Administrator Date 3/14/96
Chief, Lands and Mineral Resources

(This space for Federal or State Office use)

APPROVED BY Robert Kent Title _____ Date MAR 25 1996
CONDITION OF APPROVAL, if any:

Surface requirements in enclosed letter.

PLUG & ABANDONMENT PROCEDURE

3-7-96

Ruddock #7A
Blanco Mesaverde
NE Section 3, 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. ND wellhead and NU BOP and stripping head; test BOP.
3. POH and tally 2-3/8" tubing (+/- 5600'); visually inspect. If necessary LD and PU workstring. RIH with casing scraper or gauge ring to PBTD at 5594'. POOH.
4. **Plug #1 (Mesaverde top, 5594' - 5494')**: RIH with open ended tubing and establish circulation to surface (Note: casing has corrosion inhibiting fluid present). Pressure test casing to 500#. Mix 12 sx Class B cement and spot a balanced plug above the CIBP at 5660'. POH to 4058'.
5. **Plug #2 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 4058' - 3651')**: Mix 35 sx Class B cement and spot balanced plug inside casing. POH with tubing.
6. **Plug #3 (Nacimiento top, 1958' - 1858')**: Perforate 3 or 4 squeeze holes at 1958'. Establish rate into squeeze holes if casing tested. PU 4-1/2" cement retainer and RIH; set at 1908'. Establish rate into Nacimiento squeeze holes. Mix 51 sx Class B cement and squeeze 39 sx cement outside 5-1/2" casing and leave 12 sx cement inside casing to cover Nacimiento top. POH and LD setting tool.
7. **Plug #6 (Casing Shoe, 577' - 477')**: Perforate 4 squeeze holes at 577'. Establish circulation out bradenhead valve. Mix 86 sx Class B cement (200% excess, may fall back) and pump down 4-1/2" casing, squeeze 63 sx outside casing and leave 23 sx inside casing; displace to 377' with water. Shut in well and WOC. RIH and tag cement.
8. **Plug #7 (Surface)**: Perforate 2 squeeze holes at 50'. Establish circulation out bradenhead valve. Mix and pump approximately 32 sx Class B cement down 4-1/2" casing, circulate good cement out bradenhead valve and outside 8-5/8" casing to surface.
9. ND BOP and cut off casing below surface 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

Ruddock #7A

Current

Blanco Mesaverde

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

Latitude/Longitude: 36.430283 / 107.126602

Today's Date: 3/7/96

Spud: 10/11/81

Completed: 11/25/81

12-1/4" Hole

Top of Cmt within 100' of surface (Reported)

8-5/8", 24.0#, H-40 Csg set @ 527',
Cmt w/500 sx (Not Circulated to Surface)

Nacimiento @ 1908'

Top of Cmt @ 3080' (Sundry 3/15/82)

WORKOVER HISTORY:

Sep '82: Perforate and frac upper MV zone; land tubing and test.

Nov '82: Set CIBP at 6050'

Oct '88: TA well; set CIBP at 5660',
cap with 5 sx cement; test casing.

Ojo Alamo @ 3701'

Kirtland @ 3769'

Fruitland @ 3879'

Pictured Cliffs @ 4008'

2-3/8" EUE J-55 Tubing @ 5600' (+/-)

DV tool @ 4504',
Cmt w/550 sx
Top of Cmt @ 4504' (CBL)

Mesaverde @ 5646'

Bridge Plug @ 5660' w/5 sx Cmt (1988)

Mesaverde Perforations:
5690' - 5887', Total 10 holes
(1982 Recompletion)

Bridge Plug @ 6050' (1982)

Mesaverde Perforations:
6122' - 6200', Total 17 holes

7-7/8" Hole

4-1/2", 10.5#, K-55, 8rd, Csg set @ 6300',
Cmt w/475 sx

TD 6300'

PBTD 5594'

Initial Potential		Production History	Gas	Oil	Ownership	Pipeline
Initial AOF:	487 Mcfd (12/81)	Cumulative:	16.3 MMcf	0.05 Mbo	GWI: 60.00%	N/A
Current SICP:	99 psig (9/83)	Current:	0.0 Mcfd	0.00 bbls/d	NRI: 51.90%	
					TRUST: 00.00%	

Ruddock #7A

Proposed

Blanco Mesaverde

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

Latitude/Longitude: 36.430283 / 107.126602

Plug #5: 50' - Surface,
Cmt w/32 sx Class B Cmt

Today's Date: 3/7/96

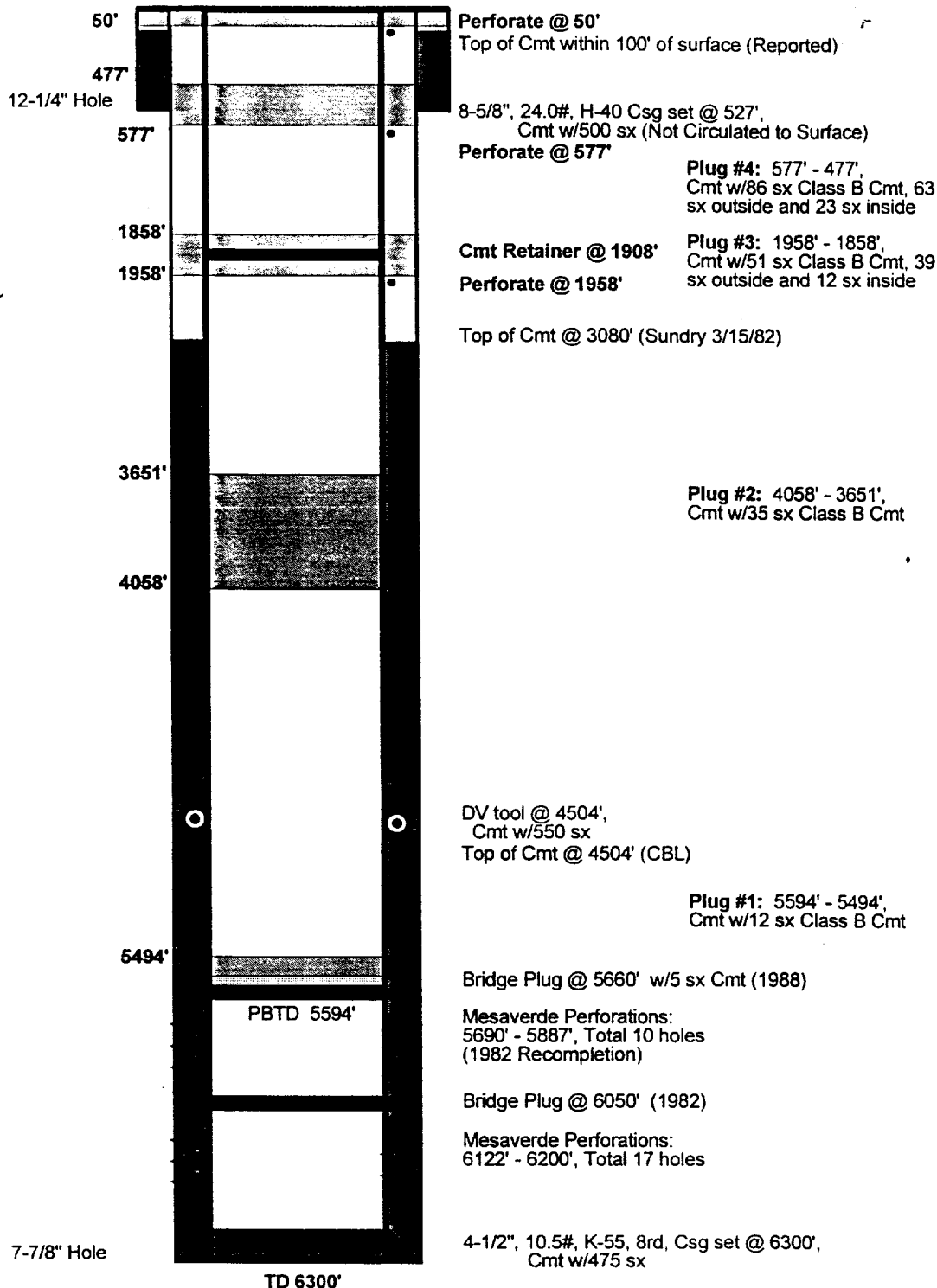
Spud: 10/11/81

Completed: 11/25/81

Nacimiento @ 1908'

Ojo Alamo @ 3701'
Kirtland @ 3769'
Fruitland @ 3879'
Pictured Cliffs @ 4008'

Mesaverde @ 5646'



Initial Potential		Production History	Gas	Oil	Ownership	Pipeline
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Current SICP:	99 psig (9/83)	Current:	0.0 Mcfd	0.00 bbls/d	NRI: 51.90%	
					TRUST: 00.00%	

CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator Meridian Oil Well Name Ruddock #7A

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. For wells on Federal leases, Al Yepa with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748. Office hours are 7:45 a.m. to 4:30 p.m.

For wells on Jicarilla leases notify Erwin Elote with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-3242.

3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made : **NONE**