

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

Sundry Notices and Reports on Wells

96 AUG -7 PM 2:42

070 FARMINGTON, NM

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  
1750' FNL, 1610' FWL, Sec.1, T-29-N, R-10-W, NMPM

F

5. Lease Number  
NM-04241

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Sunray F #3

9. API Well No.  
30-045-20361

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

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

REVISED

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

RECEIVED  
AUG - 9 1996

OIL CON. DIV.  
DIST. 3

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

Signed [Signature] (GW5) Title Regulatory Administrator Date 8/5/96

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

APPROVED

AUG 08 1996

NMOCD

✓

## PLUG AND ABANDONMENT PROCEDURE

SUNRAY F #3

DPNO: 51782A

Dakota

Sec. 1, T29N, R10W

San Juan County, New Mexico

*Note: All cement volumes use 100% excess outside pipe and 50' excess inside. 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. 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 LD 2-3/8" tubing (2-3/8", 4.7# @ 6198', 199 jts), visually inspect the tubing. Replace bad joints as necessary. Run a 4-1/2" gauge ring or casing scraper to 6652'.
4. **Plug #1 (Dakota perfs and top, 6680' - 6552')**: RIH with 2-3/8" tubing to 6680'. Load casing and pressure test to 500 psi. Mix 13 sxs Class B cement and spot a balance plug over Dakota top. POOH.
5. **Plug #2 (Gallup top, 5921' - 5821')**: Perforate 3 HSC squeeze holes at 5921'. Establish rate into squeeze holes if casing tested. PU 4-1/2" cement retainer and RIH; set at 5871'. Pressure test tubing to 1000#, establish rate into squeeze holes. Mix 51 sxs Class B cement and squeeze 39 sxs cement outside 4-1/2" casing and leave 12 sxs cement inside casing to cover Gallup top. PUH to 4660'.
6. **Plug #3: (Mesaverde top, 4064' - 3964')**: Mix 12 sx Class B cement and spot a balanced plug from 4064' - 3964'. PUH to 2410'.
7. **Plug #4: (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 2410' - 1080')**: Mix 105 sx Class B cement and spot a balanced plug from 2410' - 1080'. POH and LD tubing.
8. **Plug #5 (Surface, 274' - Surface)**: Perforate 2 holes @ 274'. Establish circulation out bradenhead valve. Mix and pump approximately 98 sx Class B cement and pump down 4-1/2" casing, circulate good cement out of bradenhead valve. POH and LD tubing. Shut in well and WOC.
9. 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.

Recommended: \_\_\_\_\_

Operations Engineer

Approval: \_\_\_\_\_

Production Superintendent

**Contacts:**

Operations Engineer

Gaye White

326-9875

/ta  
7/30/96

# Sunray F #3

**CURRENT -- 4-25-96**

Basin Dakota  
DPNO 51782A

1750' FNL, 1610' FWL,  
Section 1, T-29-N, R-10-W, San Juan County, NM  
Latitude/Longitude: 36.756439 - 107.839249

Spud: 11-1-68  
Completed : 12-6-68  
Elevation: 5871' (GL)  
5883' (KB)  
Logs: I-EL, DGC, TS  
Workovers: None

Ojo Alamo @ 1130'

Kirtland @ 1290'

Fruitland @ 2050'

Pictured Cliffs @ 2360'

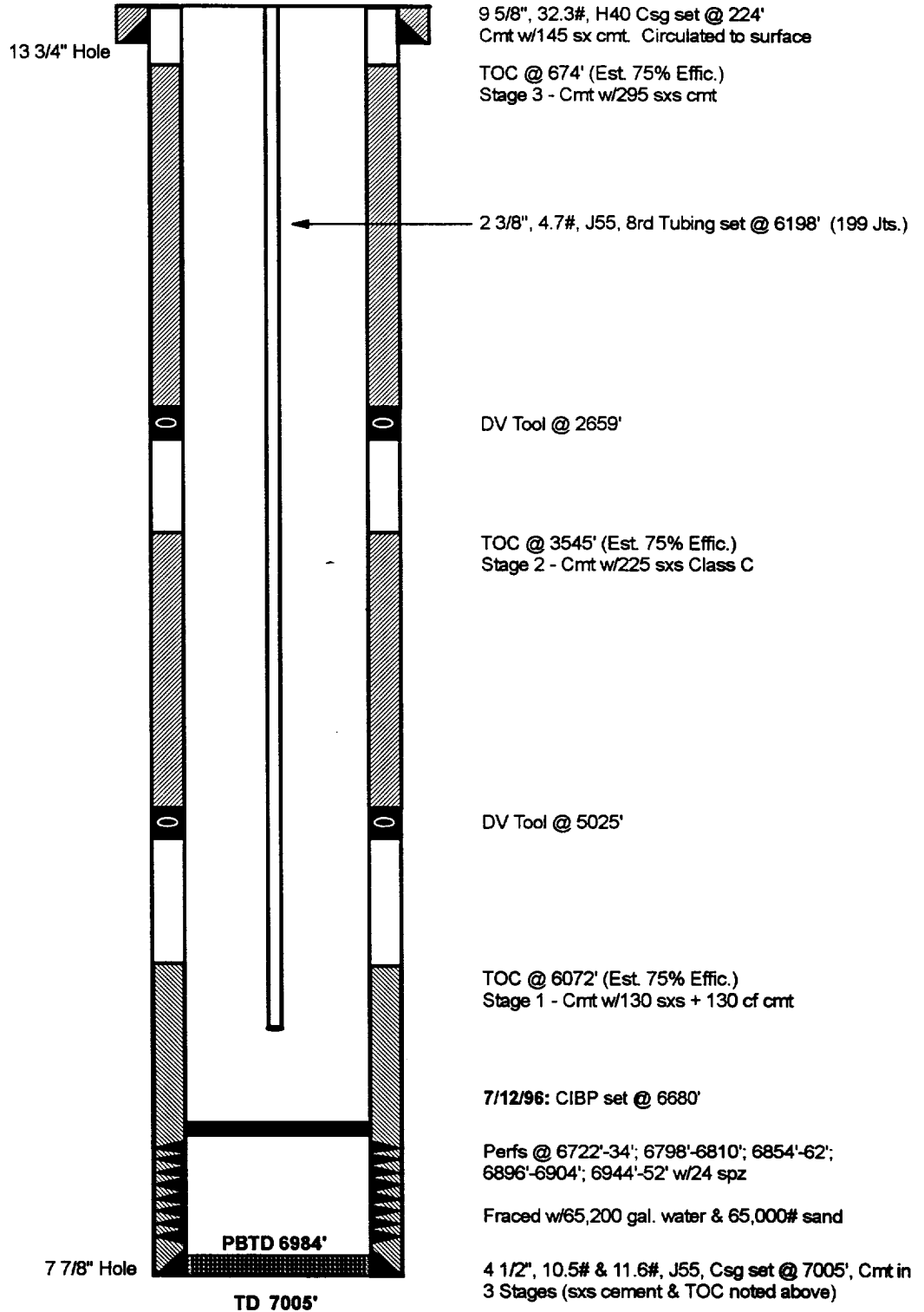
Mesaverde @ 4014'

Point Lookout @ 4610'

Gallup @ 5871'

Greenhorn @ 6610'  
Graneros @ 6666'

Dakota @ 6798'



Production			WI	NRI	SRC	Pipeline
Cummulative:	1.1 Bcf	4.5 Mbo	100.00	83.13	0.00	EPNG
Current (11/95):	66 Mcf/d	.6 Bo/d				

# Sunray F #3

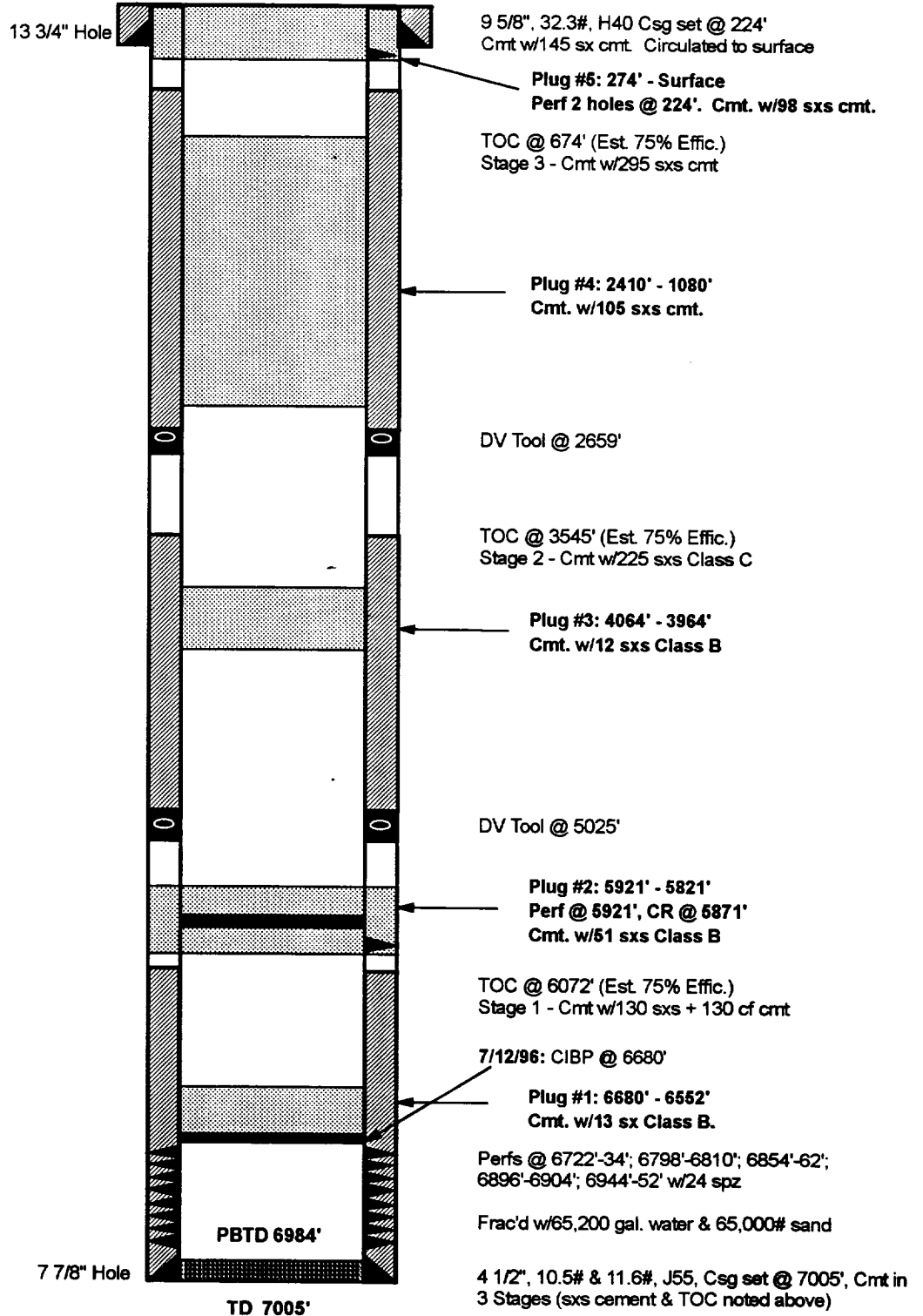
Proposed P&A

Basin Dakota  
DPNO 51782A

1750' FNL, 1610' FWL,  
Section 1, T-29-N, R-10-W, San Juan County, NM  
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Fruitland @ 2050'  
Pictured Cliffs @ 2360'  
  
Mesaverde @ 4014'  
  
Gallup @ 5871'  
  
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