| s ul | BUREAU OF LA | STATES THE INTERIOR RECEI BLM MAI and Reports on Well | L MOUNT | | |
|------|---|---|--|----------------------------|--|
| | | 95 NOV 20 | PH 1:29 | | |
| l. | Type of Well GAS | 070 FARMIN | GTON, NM | 5. 6. | Lease Number SF-080751A If Indian, All. or Tribe Name |
| | | | | 7. | Unit Agreement Name |
| 2. | Name of Operator MERIDIAN OIL | | | 0 | |
| 3. | Address & Phone No. of Operator | | | 8. | Well Name & Number Sunray F #1 |
| | PO Box 4289, Farmington, NM 874 | .99 (505) 326-9700 | | 9. | API Well No. 30-045-09203 |
| 4. | Location of Well, Footage, Sec., 1650'FNL, 1731'FEL, Sec.26, 'T-30- | | | 10. | Field and Pool Blanco Mesaverde |
| | 1030 INH, 1731 IHH, Sec.20, 1 30 | N, K IO W, MHIM | | 11. | County and State San Juan Co, NM |
| 12 | . CHECK APPROPRIATE BOX TO INDICAT | E NATURE OF NOTICE, | REPORT, | OTHER | DATA |
| | Final Abandonment | Type of Act Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other - Tubing rep | Change New Con Non-Rou Water S Convers | struct tine E hut of | ion Tracturing |
| 13 | . Describe Proposed or Completed | Operations | ··· · · · · · · · · · · · · · · · · · | | |
| | It is intended to repair the t procedure and wellbore | ubing in the subjec | ct well ac | cordir | ng to the attached |
| | | | | | and the second of the second o |
| | | | | | DECENTER NOV 2 9 1995 OIL COME DIVI |

APPROVED

(VGW5)Title Regulatory Administrator Date 11/16/95

Date

NOV 21 1995

CASTRICT MANAGER

__Title

I hereby certify that the foregoing is true and correct.

(This space for Federal or State Office use)

CONDITION OF APPROVAL, if any:

WORKOVER PROCEDURE -- TUBING REPAIR

Sunray F #1
DPNO 48916A
Blanco Mesaverde
Sec. 26, T30N, R10W
San Juan County, New Mexico

- Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and MOI safety regulations.
- 2. MOL and RU. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with 1% KCl water as necessary. ND wellhead and NU BOP. Test BOP.
- 3. POH with 2 3/8" tubing (173 jts). Inspect tubing and replace all bad joints. (Note any buildup of scale, and notify Operations Engineer. If tubing is excessively scaled, acid wash may be run in perforations). Remove bull plug and perforated pup joint. PU and RIH with 3 7/8" bit and 4 1/2", 10.5# casing scraper to PBTD (5438'). TOH with bit and scraper. If any fill, TIH with hydrostatic bailer and CO or CO w/air. POH.
- 4. PU 4 1/2" RBP and RIH. Set @ 4998'. Load hole with 1% KCl water. Pressure test casing to 750#. (If casing does not test, dump 1 sx of sand on top of RBP. Notify Operations Engineer. Isolate failure and repair.) Release RBP and POH.
- 5. RIH open ended with 2 3/8", 4.7# tubing, SN one joint off bottom, (Rabbit tubing in derrick before running in hole) Land tubing @ 5378'.
- 6. ND BOP, NU wellhead, rig down, move off location and restore location.

| | | Recommended: | | | | |
|-----------|---------------------|--------------|-------------|---------------------|---|--|
| | | Approval: | Operation | Operations Engineer | | |
| | | | | | | |
| | | | Drilling St | uperintendent | _ | |
| | | | | | | |
| CONTACTS: | Operations Engineer | Gave | White | 326-9875 | | |

Sunray F#1

CURRENT -- 10/27/95

Blanco Mesaverde **DPNO 48916A**

1650' FNL, 1731' FEL. Section 26, T-30-N, R-10-W, San Juan County, NM Longitude / Latitude: 36.785767 - 107.850357

13 3/4" Hole

Spud: 11-28-53 Completed: 1-7-54

Workover: 10/71; 2/72; 8/72; 3/73; 8/73; 12/74; 1/75

Elevation: 6220' (GL) Logs: IES, C-DLC-GR, TS

Ojo Alamo @ 1560' Kirtland @ 1642'

Fruitland @ 2442'

Pictured Cliffs @ 2804'

Cliff House @ 4400' Menefee @ 4552'

Point Lookout @ 5085'

TOC @ 1900' (TS) · TOC @ 3130' (TS) 11/71 -- Perfs @ 4410' -- 20', 4440' -- 48' w/20 spz 8 3/4" Hole 7", 23# & 20#, J55 Csg set @ 4914', cmt. w/500 sx cmt to 1900' (TS) 10/71 - Cmt Open Hole w/150 sxs to 4869' 3/73 - Hole in tubing @ 4800' -- Replaced 1089' of tubing 8/73 - Hole in tubing @ 5181' - Replaced 11/71 - 5098' - 5106'; 5120' - 28'; 5140' - 48'; 5186' - 92'; 5264' - 72'; 5292' - 5300'; 5318' - 26';

INITIAL POTENTIAL

6 1/4" Hole

(1888) 1889 1889 1889 1889

PBTD 5438'

TD 5453'

Inital AOF: 2-15-54 4,027

Inital SITP: 2-15-54 943 psi Initial SICP: 2-15-54 1,062 psi

Last SITP: 4-10-72 770 psi Last SICP: 4-10-72 780 psi

PRODUCTION HISTORY

Gas Cum: 2.1 Bcf Current (8/95): 575 Mcf

Oil Cum: -18.7 Mba Current (8/95): 1 Bo

OWNERSHIP:

5370' - 78' w/16 spz

GWI: 75.00% NRI: 62.13%

11/71 -- 4 1/2", 10.5#, J55 Csg set @ 5453',

cmt. w/125 sx cmt to 3130° (TS)

PIPELINE:

EPNG

9 5/8" 25.4#, Csg set @ 170'

12/74 - 2 3/8", EUE, Class B Tubing set @ 5413' (173 jts.)

from 1500' -- Surface

Perf. Sub @ 5379 Tubing Anchor @ 5376'

SN @ 5374'

Circulated 125 sx cmt to surface

10/71 - Squeezed leak with 270 sxs