

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

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

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

☐ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing Repair ☐ Water Shut off
☐ Altering Casing ☐ Conversion to Injection
☒ Other - Bradenhead repair

13. Describe Proposed or Completed Operations

It is intended to repair the bradenhead on the subject well according to the attached procedure and wellbore diagram.

RECEIVED
MAY - 6 1996
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (VGW5) Title Regulatory Administrator Date 4/30/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

MAY 01 1996
DISTRICT MANAGER

NMOCD

WORKOVER PROCEDURE - BRADENHEAD REPAIR

Sunray F #3
Basin Dakota
Sec. 1, T29N, R10W
San Juan County, NM
DPNO 51782A

1. Comply to all NMOCD, BLM, and MOI regulations. Conduct daily safety meetings for all personnel on location. **Notify MOI Regulatory (Peggy Bradfield 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document the approval in DIMS/WIMS.** As much time as possible to the pump time is needed for the Agency to be able to shop up for the cement job.
2. Test location rig anchors and repair if necessary. Prepare blow pit. MOL and RU daylight pulling unit. Install a 400 Bbl frac tank and an atmospheric blow tank. NU blooie line to blow pit, and relief line to atmospheric tank. Fill frac tank with 1% KCl water.
3. Blow down tubing (215 jts., 2 3/8", 4.7#) to atmospheric tank. Control well with 1% KCl water as needed. ND wellhead and NU BOP's. Test and record operation of BOP's. Send wellhead to A-1 Machine or WSI for inspection.
4. TIH, tag bottom. Record depth. TOOH with 2 3/8" tubing. Visually inspect tubing, and replace joints that are in bad condition. Note any buildup of scale, and notify Operations Engineer.
5. TIH with 3 7/8" bit and 4 1/2", 11.6# casing scraper to below perms. TOOH w/bit and scraper. PU 4 1/2" RBP and TIH. Set RBP @ 6620'. Roll hole w/1% KCl water. Pressure test casing to 1000 psig. Spot one sack of sand on top of RBP. TOOH.
6. A) **If casing does not pressure test**, isolate casing failure. Set packer 250' above casing failure. Establish injection rate into casing failure. Mix and pump cement, and squeeze cement into casing failure. (Max. squeeze pressure 1000 psi.) Hold squeeze pressure and WOC 12 hours (overnight).

B) **If casing does pressure test**, RU wireline unit. Run CBL (with 1000 psig pressure) to determine TOC behind 4 1/2" casing. Estimated TOC is 674'. If CBL shows TOC above Pictured Cliffs, perforate 4 squeeze holes as close to TOC as possible. PU 4 1/2" fullbore packer and set 200' above squeeze holes. Establish rate into perforations with bradenhead valve open. Max pressure 1000 psig. Mix and pump cement. (If cement circulates to surface, go immediately to displacement.) Displace cement to packer. Squeeze cement into perforations. Hold squeeze pressure and WOC 12 hours (overnight).
7. TOH with packer. TIH with 3 7/8" bit and drill out cement. Pressure test casing to 1000 psig. Test bradenhead valve for flow. Re-squeeze as necessary to hold pressure, or to stop bradenhead flow.
8. TIH with retrieving tool and retrieve RBP from 4 1/2" liner. POOH and LD RBP.
9. TIH with production tubing (seating nipple with pump out plug one joint off bottom). CO to PBTD with air. Land tubing @ 6952'.
10. ND BOP's and NU wellhead. Pump plug from tubing. Obtain final gauge.
11. Release rig.

Recommended: _____
Operations Engineer

Approval: _____
Drilling Superintendent

Contacts: Operations Engineer

Gaye White

326-9875

VGW/CRF/cf

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

Pictured Cliffs @ 2360'

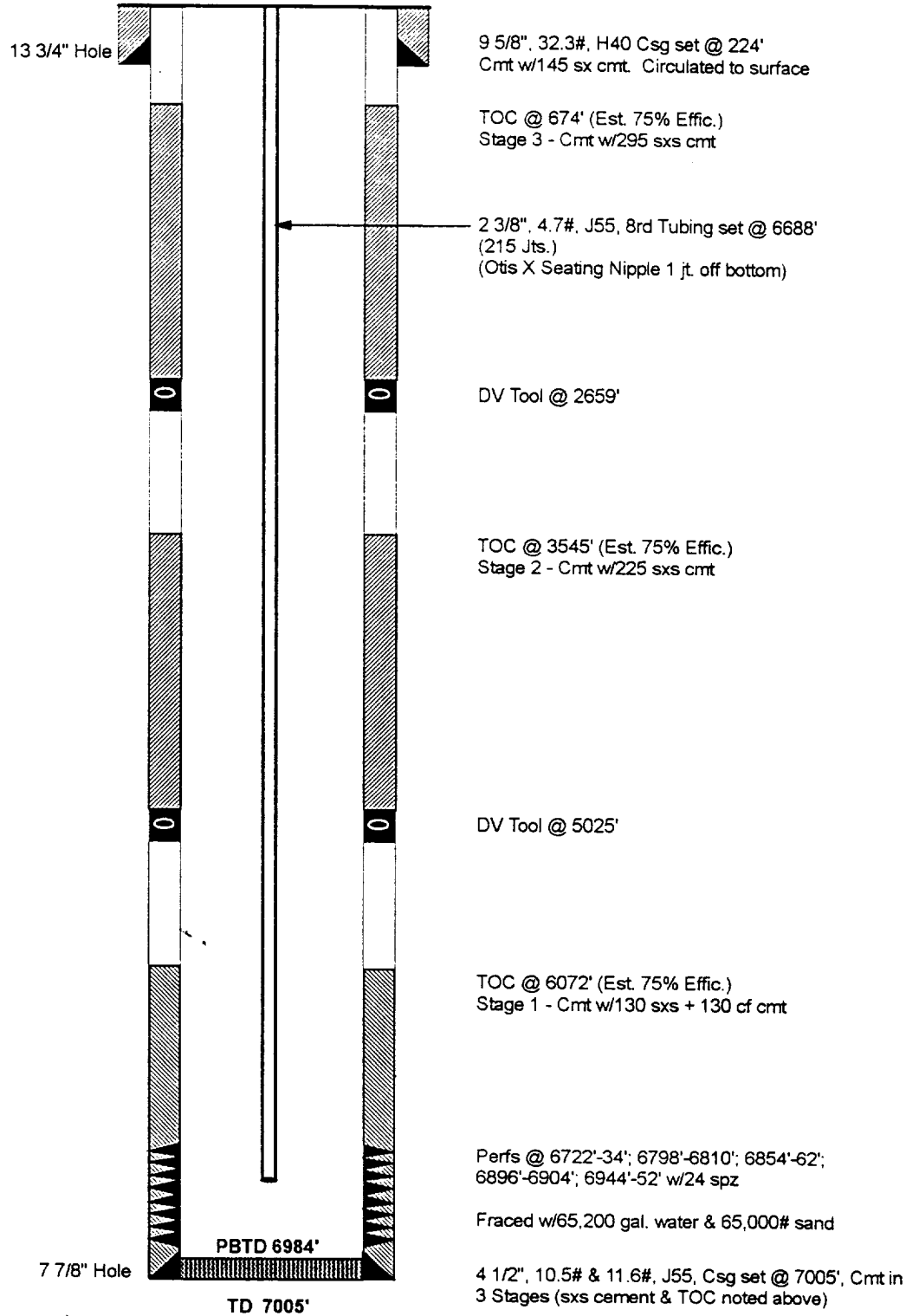
Mesaverde @ 4014'

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				