

submitted in lieu of Form 3160-5

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 Inc.

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'FSL, 890'FWL Sec.31, T-30-N, R-7-W, NMPM

5. Lease Number
NM--012709
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
San Juan 30-6 Unit
8. Well Name & Number
San Juan 30-6 Unit # 8
9. API Well No.
30-039
10. Field and Pool
Blanco Mesa Verde
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

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☒ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

13. Describe Proposed or Completed Operations

It is intended to repair the 7 5/8" intermediate casing in this well per the attached procedure and wellbore diagram.

RECEIVED
NOV 12 1992
OIL CON. DIV.
DIST. 3

RECEIVED
OCT 30 PM 2:35
DIST. 3

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

Signed [Signature] (DW) Title Regulatory Affairs Date 10/29/92

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED

Date

NOV 09 1992


AREA MANAGER

NMOGD

**San Juan 30-6 Unit #8
SW/4, Section 31, T30N, R7W
Casing Repair**

1. Test location rig anchors and repair if necessary. Rig up wireline and set choke in seating nipple at 4977' KB. Blow down tubing. MIRU. NU BOP, blooie line, and relief line.
2. Install 1 X 400 bbl tank and fill with 2% KCl water. Comply with all MOI, BLM, and NMOC rules and regulations. Place fire and safety equipment in strategic locations.
3. TOOH with 2-3/8" tubing. Replace any bad joints. TIH with 5-1/2" 14# casing scraper and 2-3/8" tubing and make scraper run. TOOH.
4. RU wireline. Set retrievable bridge plug in 5-1/2" 14# K-55 8rd casing above Mesaverde perforations at 4500'.
5. Load hole with 2% KCl water. Run CBL from 4500' to surface. Locate top of cement behind 5-1/2" casing. Pressure test 5-1/2" casing to 1000 psi. Send copy of CBL to Production Engineering for evaluation. RD wireline.
6. Pick up 5-1/2" casing spear with stop sub and bumper sub, and one joint of 2-7/8" drill pipe. Engage 5-1/2" casing. ND tubing spool/BOP, and retrieve 10 X 5-1/2" casing slips. NU tubing spool/BOP.
7. RU Wireline Specialties Inc. Run freepoint tool down to top of cement and find casing freepoint. Wireline Specialties should submit report of freepoint readings to MOI.
8. RIH with chemical cutter and cut 5-1/2" casing at freepoint above top of cement. RD Wireline Specialties Inc.
9. TOOH with 5-1/2" casing and lay down.
10. TIH with 7-5/8" 26.4# casing scraper and 2-3/8" tubing and make scraper run. TOOH.
11. RU wireline. Set retrievable bridge plug in 7-5/8" casing approximately 50' above 5-1/2" casing stub. Load hole and dump 2 sx of sand on top of retrievable bridge plug. Run CBL from 7-5/8" bridge plug to surface. Pressure test casing to 1000 psi. TIH with packer and locate casing failure. **Notify Production Engineering of CBL/pressure test results, and location of casing failure. A squeeze procedure will be provided.** Once the casing has been repaired, cement has been circulated from original TOC to at least 50' above the Ojo Alamo, drilled out, and pressure tested to 750 psi for 30 minutes (pressure must not bleed down more than 10% during the 30 minute period); proceed to step 12.
12. RU wireline. Run CBL from 7-5/8" bridge plug to surface w/1000 psi on casing. RD wireline.
13. TIH with retrieving head and 2-7/8" drill pipe, and retrieve bridge plug in 7-5/8" casing. TOOH.
14. TIH with Baker 6" OD concave casing mill inside of 6-3/8" rotary shoe and 2-7/8" drill pipe. Smooth top of chemical cut 5-1/2" casing (recommended to mill 6" off top of existing casing top.). TOOH with drill pipe/mill and lay down.
15. TIH with 7-5/8" 26.4# casing scraper and 2-3/8" tubing and make scraper run down to 5-1/2" casing stub. TOOH.

16. TIH with 5-1/2" casing and Bowen 5-1/2" X 6-13/16" OD Lead Seal Casing Patch. Engage 5-1/2" casing patch on existing casing in well. Pressure test 5-1/2" casing to 1000 psi. When pressure test holds, ND tubing spool/BOP. Set casing in slips and cut off top of casing. NU tubing spool/BOP.
17. TIH with retrieving head and 2-3/8" tubing and unload water from well with gas. Retrieve 5-1/2" bridge plug and TOOH.
18. TIH with 2-3/8" tubing, expendable check valve, and seating nipple one joint off bottom. CO to PBTD (5237'). Land tubing at approximately 5013'.
19. ND BOP, NU WH. Pump off expendable check valve, obtain final pitot gauge. RD MOL.


J. A. Howieson

Vendors:

Packer Rental & Bridge Plugs:	Baker Service Tools (325-0216)
Casing Patch:	Bowen Tools Inc. (326-4303)
Chemical Cutting & Freepoint:	Wireline Specialties Inc. (327-7141)
Wireline Services:	Schlumberger Well Services (325-5006)
Remedial Cement:	Halliburton Services (325-3575)

San Juan 30-6 Unit #8
SECTION 31K, T30N, R07W
RIO ARriba COUNTY, NEW MEXICO
WELLBORE SCHEMATIC

CURRENT

PROPOSED

580 PSI @ BRDHD & INT. VALVE

CMT W/ 173 SX TO SURFACE

10-3/4" 32.75# H-40 8RD CSG SET @ 277'

250 SX PUMPED DOWN BRDHEAD, BOC @ 1024' (CALC 70% EFF)

TOC @ 2148' (CALC 70% EFF)

TOC @ 2452' (CALC 70% EFF)

7-5/8" 26.40# CASING SET @ 2917'

2-3/8" TBG SET @ 5013', S.N. @ 4977'

5-1/2" 14# J-55 8RD CSG SET @ 5030'

CLIFFHOUSE FRAC'D W/ 20,000 GAL OIL AND 28,500# SAND

MENEFEE FRAC'D W/ 10,000 GAL OIL AND 10,000# SAND

PT LOOKOUT FRAC'D OPENHOLE W/ 22,000 GAL OIL AND 29,500# SAND

ELEVATION: 6002' GL, 6015' KB

TOP OF OJO ALAMO @ 1743'

TOP OF KIRTLAND @ 1915'

TOP OF FRUITLAND @ 2536'

TOP OF PICTURED CLIFFS @ 2792'

TOP OF LEWIS @ 2905'

SQUEEZE CEMENT FROM 2148' TO SURFACE BEHIND 7-5/8" CASING'

5-1/2" X 6-13/16" BOWEN LEAD SEAL CASING PATCH @ 2400'

PBTD @ 5237'
TD @ 5237'