

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

1650'FNL, 990'FEL, Sec.12, T-31-N, R-10-W, NMPM

5. Lease Number

SF-078389A

6. If Indian, All. or Tribe Name

7. Unit Agreement Name

San Juan 32-9 Unit

8. Well Name & Number

San Juan 32-9 U #4

9. API Well No.

30-045-10930

10. Field and Pool

Blanco Mesaverde/
Blanco Pictured Cliffs

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

☒ 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 plug and abandon the Mesaverde zone of the subject well and recomplete the Pictured Cliffs according to the attached procedure and wellbore diagram.

RECEIVED
DEC 19 1994

OIL CON. DIV.
DIST. 3

OIL CON. DIV.
DEC 12 AM 8:05

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

Signed *Sean Bradfield* (MEL5) Title Regulatory Affairs Date 12/6/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

DEC 14 1994

DISTRICT MANAGER

110000

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-10
Revised February 21, 1990
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APT Number 30-045-10930		2 Pool Code 72359		3 Pool Name Blanco Pictured Cliffs	
4 Property Code 7473		5 Property Name SAN JUAN 32-9 UNIT			6 Well Number 4
7 OGRID No. 14538		8 Operator Name MERIDIAN OIL INC.			9 Elevation 6542'

10 Surface Location

UL or lot no. H	Section 12	Township 31-N	Range 10-W	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 990	East/West line East	County S.J.
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 *Not resurveyed, prepared from a plat surveyed by C.O. Walker. Dated May 16, 1953.		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Peggy Bradfield Printed Name Regulatory Affairs Title 12-9-94 Date	
18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by or under my supervision, and that the same is true and correct to the best of my belief. 12-8-94 Date of Survey Signature and Seal of Professional Surveyor: NEXE C. EDWARDS 8857 8857 Certificate Number		RECEIVED DEC 19 1994 OIL CON. DIV. DIST. 3	

Pertinent Data Sheet - San Juan 32-9 Unit #4

Location: 1650' FNL, 990 FEL, Unit H, Section 12, T31N, R10W, San Juan County, New Mexico

Field: Blanco Mesaverde

Elevation: 6542' GR
6552' DF

TD: 5864'

PBTD: 5864'

Spud Date: 06-01-53

Completed: 07-10-53

Prop. #: 0023423

DP #: 69839

Casing Record:

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cement</u>
13 3/4"	9 5/8"	25.4# Armco	175'	125 sxs	Surface/Circ
8 3/4"	7"	23.0# J-55	5197'	300 sxs	TOC @ 4140' TS

Tubing Record:

<u>Tbg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>
2"		5716'

Formation Tops:

Ojo Alamo:	2450'	Cliffhouse:	5137'
Kirtland:	2565'	Menefee:	5290'
Fruitland:	3003'	Point Lookout:	5630'
Pictured Cliffs:	3378'	Mancos:	5735'

Logging Record: IES Log, Temp Survey, GRN

Stimulation:

07/53: Shot open hole w/1,401 quarts of S.N.G. from 5260' to 5784'.

Workover History:

Production History:

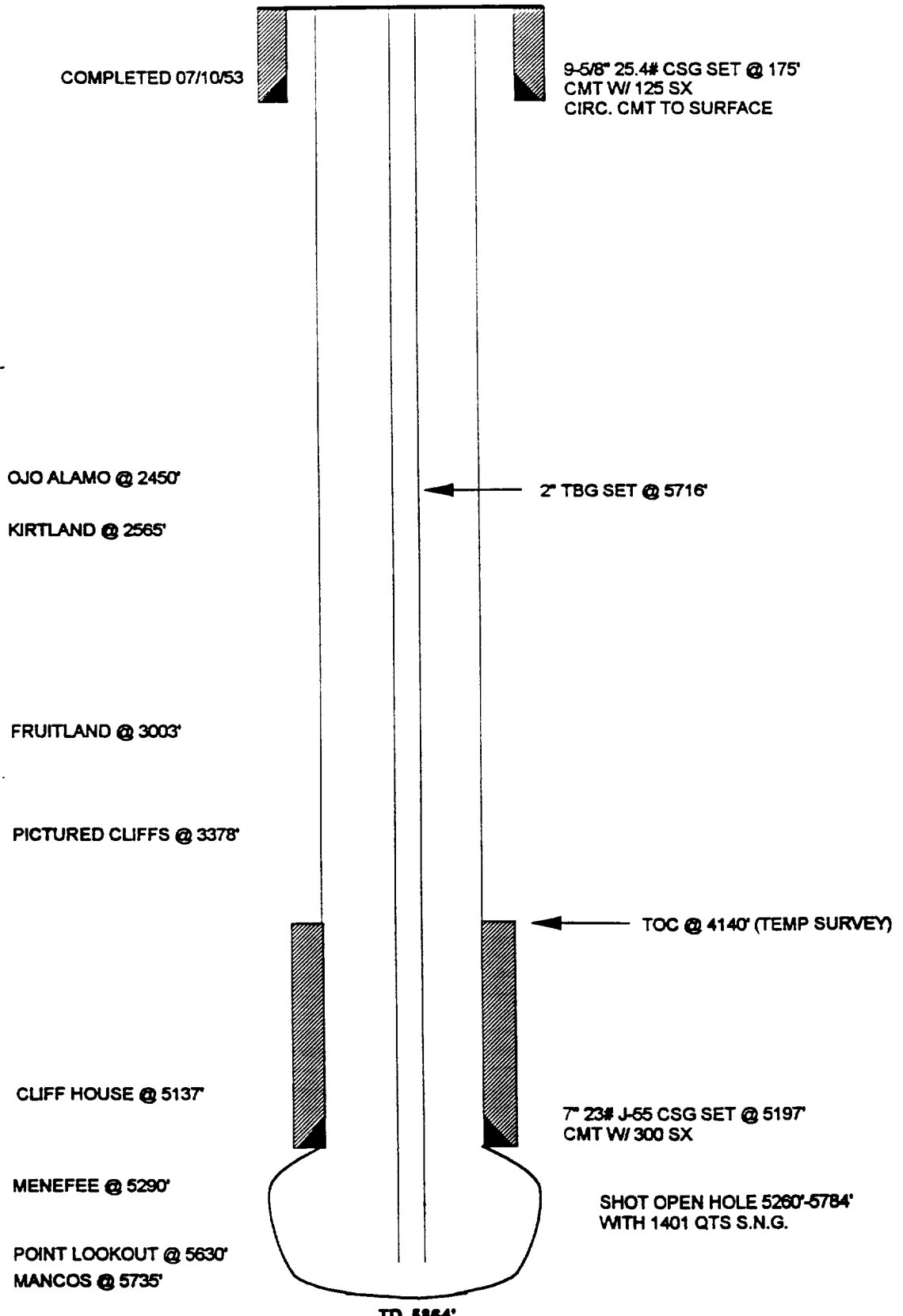
Transporter: EPNG

SAN JUAN 32-9 UNIT #4

CURRENT

BLANCO MESA FORD

UNIT H, SEC 12, T31N, R10W, SAN JUAN COUNTY, NM



San Juan 32-9 Unit #4
Mesaverde P&A / Pictured Cliffs Completion
Lat-Long by GITI: 36.915329 - 107.830048
Section 12, T31N-R10W
November 7, 1994

1. Hold safety meeting. MIRU. Install safety equipment and fire extinguishers in strategic locations. Install frac tanks and 1x400 bbl rig tank. Fill each frac tank with 5#s of biocide and filtered (25 micron) 2% KCl water.
2. Obtain and record all wellhead pressures.
3. Kill well w/ water if necessary. ND WH, NU BOP. TOOH with 2" tubing set at 5716'. Visually inspect tubing and replace bad tubing as needed.
4. Pick up 6-1/4" bit and 7", 23# casing scraper and TIH. Make scraper run to 5197'. TOOH. Lay down casing scraper and bit.
5. TIH w/ cement retainer, set @ 5137' and pressure test tubing to 1500 psi. Establish rate into perforations. Plug from 5137' to 5864' w/ 107 bbls Class B cement (100% excess across productive interval and 50% excess in casing), squeeze 100 bbls under cement retainer and spot 7 bbls on top.
6. Load hole with fresh water and pressure test casing to 1000 psi. Run CBL-CCL-GR log from PBTD (3600') to surface w/ 1000# of pressure. RD wireline.
7. If pressure test failed in step 6, PU 7" packer and TIH. Locate failure and report to engineering. In addition to repairing any casing failures, an attempt will be made to bring cement up the backside of the 7" casing to cover the Pictured Cliffs. Engineering will supply squeeze procedure after receiving CBL.
8. After squeeze work, TIH w/ bit and tubing and drill out cement. Obtain 1000 psi pressure test and re squeeze if necessary. TOOH w/ tubing and bit. CO to CIBP set @ 3600'. Unload hole with air. Spot 2% KCL water from PBTD to 2400'. TOOH.
9. Perforate the following Pictured Cliff intervals using 0.30" diameter holes and 3-1/8" HSC guns. (Total of 28 holes.)

3380	3396	3410	3438
3382	3398	3412	3440
3384	3400	3414	3442
3386	3402	3430	3444
3390	3404	3432	3446
3392	3406	3434	3451
3394	3408	3436	3453

Inspect guns to ensure all perforations fired.

10. TIH w/ 3 1/2" fracstring to 3580' and set packer. Pressure test tubing and BP to 3600 psi. Release packer and PUH to 3360'. Set packer @ 3360'. Balloff Picture Cliff perforations with 1500 gallons of 15% HCl acid and 56 RCN balls (2 balls per perforation hole). Maximum allowable treating pressure is 3600 psi. Release packer, TIH and knock balls off. Reset packer @ 3360'.
11. Load annulus through casing valves and pressure test fracstring to 5000 psi. Retrieve blanking plug with slick line.

12. Install 5000# frac valve on top of the 3-1/2" fracstring.
13. RU frac company. Hold safety meeting. Test surface lines to 6000 psi. **Maximum surface treating pressure is 5000 psi.** Fracture Pictured Cliffs according to attached procedure. Shut in well immediately after completion of the stimulation until pressure falls to zero. RD frac company.
14. Remove frac valve. Release packer and TOOH, laying down frac string. Lay down packer.
15. Flow well naturally as long as possible. When either flow has ceased or returns have reached a level allowing re-entry of the wellbore, TIH with 2-3/8" tubing with notched collar. CO w/ air to PBD of 3600'. PU above the Picture Cliffs perforations and flow the well naturally, making short trips for clean up when necessary.
16. When returns have diminished (both sand and water) SI well. RIH w/ Amerada pressure bomb to 3400'. SI well for 12 hours. TOOH w/ pressure bomb.
17. TIH with one joint of 2 3/8" tubing w/ expendable check, an F-nipple, then the remaining 2 3/8" tubing. CO to PBD (3600'). Land tubing at 3417'.
18. ND BOP's, NU WH. Pump off expendable check. Obtain final pitot. RDMO. Return well to production.

Approval:

Drilling Superintendent

Contacts:

Engineering - Mary Ellen Lutey

Office - (599-4052)

Home - (325-9387)

Frac Consultant - Mark Byars

Pager - (327-8470)

Mobile - (320-0349)

Home - (327-0096)

or Mike Martinez

Pager - (599-7429)

Mobile - (860-7518)

Home - (326-4861)