

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

Sundry Notices and Reports on Wells

96 JUN 12 AM 10:26

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  
840' FSL, 1460' FEL, Sec. 6, T-31-N, R-9-W, NMPM  
0

5. Lease Number  
SF-078509  
If Indian, All. or  
Tribe Name

7. Unit Agreement Name

San Juan 32-9 Unit  
8. Well Name & Number  
San Juan 32-9 U #42A

9. API Well No.  
30-045-23313

10. Field and Pool  
Blanco Pictured Cliffs/  
Blanco Mesaverde

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

13. Describe Proposed or Completed Operations

It is intended to add the Pictured Cliffs formation to the subject well according to the attached procedure and wellbore diagram. The well will then be commingled. A down-hole commingle order will be applied for.

RECEIVED  
JUL 01 1996  
OIL CON. DIV.  
DIST. 3

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

Signed [Signature] (MEL5) Title Regulatory Administrator Date 6/11/96

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_  
CONDITION OF APPROVAL, if any:

APPROVED

NMOCD

DISTRICT MANAGER

District I  
PO Box 1988, Hobbs, NM 88241-1988  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 N. Main 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-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

96 JUN 12 AM 10:26

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DECLARATION

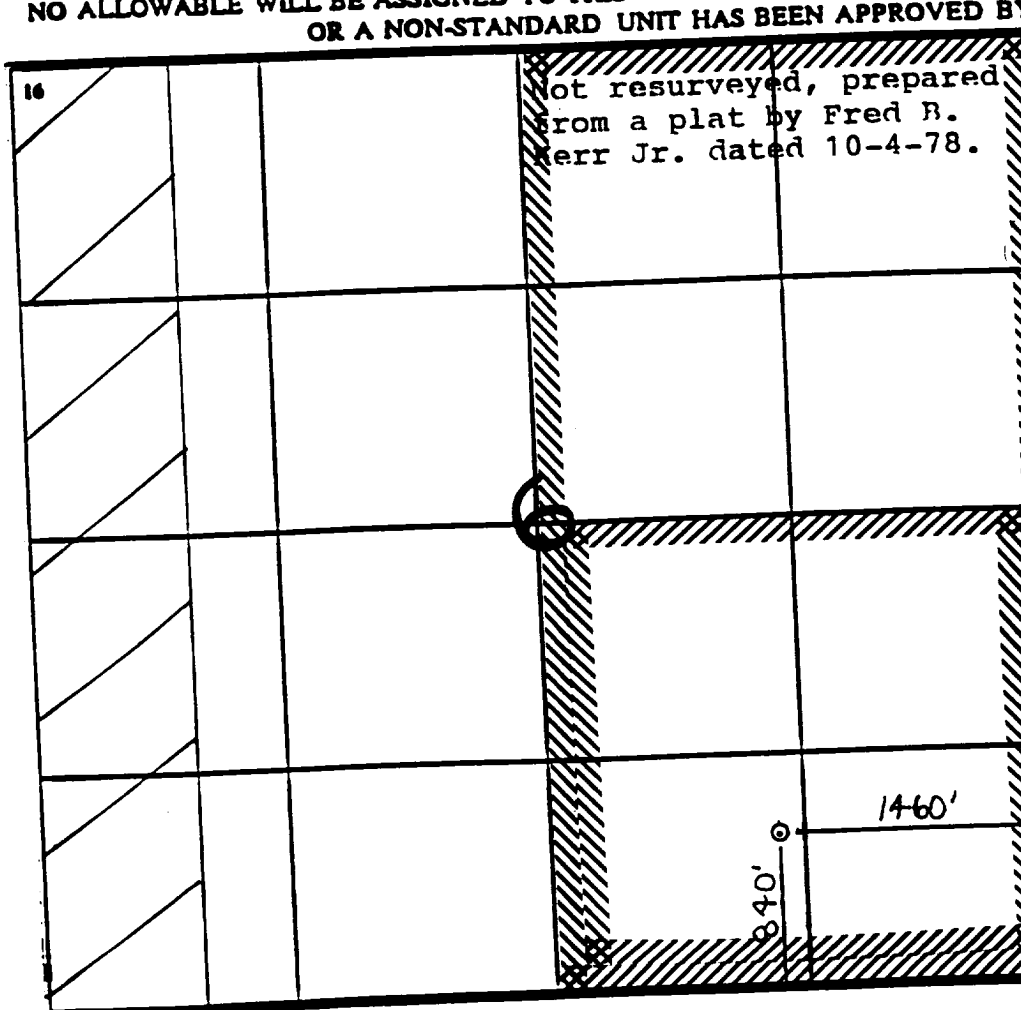
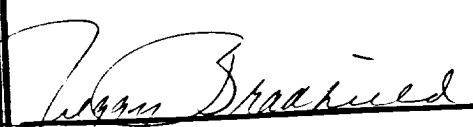
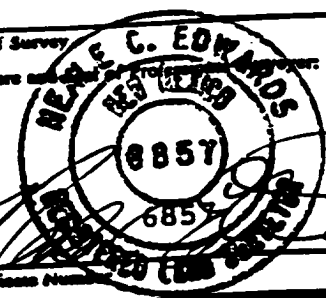
API Number 30-045-23313		Pool Code 72359/72310		Pool Name Blanco Pictured Cliffs/Blanco Mesaverde	
Property Code 7473		Property Name San Juan 32-9 Unit			Well Number 42A
OGRID No. 14538		Operator Name MERIDIAN OIL, INC.			Elevation 6599'

10 Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	6	31 N	9 W		840	South	1460	East	S.J.

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

Dedicated Acres 160-3/320.60		Joint or Infill		Consolidation Code		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

	<p>16 Not resurveyed, prepared from a plat by Fred B. Kerr Jr. dated 10-4-78.</p>	<p>17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature Perry Bradfield Printed Name Regulatory Administrator Title 6-11-96 Date</p>
	<p>18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey Signature and Seal of Professional Surveyor  Certificate Number</p>	

**San Juan 32-9 Unit #42A - Pictured Cliffs**  
Recompletion  
Lat-Long by TDG: 36.921951 - 107.816513  
SE/4 Section 06, T31N-R09W  
**COMPLETION PROCEDURE 5/31/96**

1. Hold safety meeting. MIRU. Comply with all MOI, BLM and NMOCD rules and regulations. Install 3 frac tanks and 1x400 bbl rig tank. Fill each frac tank with 3#s of biocide and Aztec city water with 2% KCl. water.
2. Obtain and record all wellhead pressures. ND WH, NU BOP. TOOH w/ 2-3/8" tubing set at 6040'. Replace bad tubing as necessary.
3. PU 7" (20#) casing scraper, TIH and run casing scraper to 3595'. TOOH.
4. TIH with 2-3/8" tubing, 4-1/2" (10.5#) casing scraper and 3-7/8" bit. CO to PBTD of 6151'. TOOH.
5. RU wireline and run CNL from  $\pm$  4000' to  $\pm$  2000. Send logs to engineering/geology as soon as possible and perforation intervals and CIBP setting depth will be provided.
6. RIH and wireline set a 4-1/2" CIBP @  $\pm$  3900' (CIBP setting depth will be confirmed after reviewing logs.) Load hole from surface w/ 2% KCL water. Run CBL-GR-CCL from  $\pm$  3900' to surface.
7. TIH w/ 7" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer and pressure test casing and CIBP to 3000 psi. Release packer and TOOH standing back frac string.
8. Perforate the Pictured Cliffs interval (perfs will be provided after reviewing logs) using 3-1/8" HSC guns with 12 gram charges and 0.29" diameter holes.  
  
Inspect guns to ensure all perforations fired. RD wireline.
9. TIH w/ 7" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer.
10. **Maximum allowable treating pressure is 3000 psi during acid job.** Pump 1500 gallons of 15% HCL acid @ maximum rate pressure will allow dropping 7/8" diameter RCN ball sealers spaced evenly throughout the job (2 balls per perforation hole). Release packer and TOOH standing back frac string.
11. RU wireline, retrieve balls w/ 7" junk basket and report number of hits. RIH w/ 4-1/2" junk basket and retrieve balls in 4-1/2" and report number of hits.
12. TIH w/ 7" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer.
13. **Hold safety meeting. Maximum allowable surface treating pressure is 3000 psi.**
14. Pressure test surface lines to 4000 psi. (1000 psi over maximum treating pressure but less than the working pressure of the lines.) Fracture stimulate the Pictured Cliffs interval @  $\pm$  40 BPM using 30# linear gel with 70 Quality Nitrogen and  $\pm$  100m lbs of sand tagged w/ Iridium. (Final frac design will be provided after reviewing logs). **Do not over displace during flush.** If well is on a vacuum, cut flush by 15%. Flow well back through 1/8" positive choke. Increase choke size until pressure falls to zero.
15. Release packer and TOOH laying down frac string.

San Juan 32-9 Unit #42A  
Pictured Cliffs Recompletion

16. TIH w/ 3-7/8" bit and CO to CIBP set @  $\pm 3900'$ . Obtain accurate pitot gauge for Lewis interval. Record Lewis pitot gauge in report. (Gauge will be used for allocation formula in commingling approval.)
17. Drill up CIBP set @  $\pm 3900'$  and CO to PBTD (6151'). PU above the Pictured Cliffs perforations and flow the well naturally, making short trips for clean up when necessary. Obtain commingled pitot gauge for Pictured Cliffs and Mesaverde after clean up.
18. When sand has diminished, TOOH.
19. RU wireline company. Run After Frac GR from  $\pm 4500'$  to top of tracer activity. RD wireline.
20. TIH with one joint of 2-3/8", 4.7#, J-55 tubing w/ expendable check, an F-nipple, then the remaining 2-3/8" production tubing. CO to PBTD ( $\pm 6151'$ ). Land tubing near bottom Mesaverde perforation (6078').
21. ND BOP's, NU WH. Pump off expendable check. Obtain final pitot up tubing. If well will not flow on it's own, make swab run to F-nipple. If swab run is not necessary, run a broach on slickline to ensure that the tubing is clear. RD and MOL. Return well to production.

Approval:

\_\_\_\_\_  
Drilling Superintendent

Approval:

\_\_\_\_\_  
Northwest Basin Team Leader

**Contacts:**

**Engineers:**

Mary Ellen Lutey  
Office - (599-4052)  
Home - (325-9387)  
Pager - (324-2671)

Jimmy Smith  
Office - (326-9713)  
Home - (327-3061)

**Frac Consultants:**

Mark Byars  
Pager - (327-8470)  
Mobile - (320-0349)  
Home - (327-0096)

Mike Martinez  
Pager - (599-7429)  
Mobile - (860-7518)  
Home - (327-6161)

Pertinent Data Sheet  
**SAN JUAN 32-9 UNIT #42A**

**Location:** Unit O-SW/4 SE/4, Section 06, T31N, R09W, 840' FSL, 1460' FEL,  
Lat. 36.921951, Long. -107.816513 by TDG  
San Juan County, NM

**Field:** Blanco Mesaverde

**Elevation:** 6599' GL  
**KB:** na

**TD:** 6169'  
**PBTD:** 6151'

**Spud Date:** 07/21/79

**Completed:** 01/10/80

**DP No:** 69894

**Prop. No:** 0023423

**Casing/Liner Record:**

<u>Hole Size</u>	<u>Csg. Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cement</u>
13 3/4"	9 5/8"	36# K-55	220'	224 cu. ft.	To surface
8 3/4"	7"	20# K-55	3736'	440 cu. Ft.	2500' (TS)
6 1/4"	4 1/2"	10.5# K-55 Liner	3600'-6169'	449 cu. ft.	Liner Top

**Tubing Record:** 2 3/8" 4.7# tubing set @ 6040'. Seating nipple @ 6008'.

**Formation Tops:**

Ojo Alamo:	not logged
Kirtland:	not logged
Fruitland:	not logged
Pictured Cliffs:	not logged
Lewis:	not logged
Upper Cliffhouse:	4992'
Massive Cliffhouse:	5326'
Menefee:	5375'
Massive Point Lookout:	5708'
Lower Point Lookout:	5816'

**Logging Record:** CDL-GR, IL-GR, TS

**Stimulation History:** Perfed Menefee-Cliffhouse 4999', 5004', 5146', 5302', 5310', 5324', 5332', 5346', 5352', 5360', 5367', 5374', 5447', 5464', 5484', 5502', 5510', 5572', 55778', 5624', 5630', 5638'.  
Frac'd with 72,000# of sand and 145,000 gallons of water.

Perfed Point Lookout 5680', 5686', 5692', 5718', 5736', 5746', 5757', 5775', 5781', 5795', 5800', 5811', 5816', 5831', 5857', 5879', 5981', 5988', 6025', 6078'. Frac'd with 60,000# of sand and 124,092 gallons of water.

# SAN JUAN 32-9 UNIT #42A

BLANCO MESAVERDE

AS OF 5/28/96

840' FSL, 1460' FEL

SEC 6, T31N, R09W, SAN JUAN COUNTY, NM

