

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

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M  
990'FNL, 990'FEL, Sec.33, T-29-N, R-10-W, NMPM

5. Lease Number  
SF-080724A  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name  
8. Well Name & Number  
Zachry #8  
9. API Well No.  
30-045-07726  
10. Field and Pool  
Basin Fruitland Coal/  
Aztec 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
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to recomplate the subject well in the Fruitland Coal zone and commingle with the Pictured Cliffs zone, according to the attached procedure and wellbore diagram. Application for commingling has been made with the New Mexico Oil Conservation Division.

RECEIVED  
JAN 09 1995  
OIL CON. DIV.  
DIST. 3

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

Signed [Signature] (LJB2) Title Regulatory Affairs Date 12/27/94

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

APPROVED

DEC 29 1994

for DISTRICT MANAGER

NMOC

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Hondo 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-  
Revised February 21, 1994  
Instructions on b.  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies  
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-07726		Pool Code 71280/71629	Pool Name Aztec Pictured Cliffs/Basin Fruitland Coal
Property Code 6882	Property Name Zachry		Well Number 8
OGRID No. 14538	Operator Name MERIDIAN OIL INC.		Elevation 5628'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
A	33	29N	10W		990	North	990	East	S.J.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 160-E/320	13 Joint or Infill	14 Consolidation Code	15 Order No.
---------------------------------	--------------------	-----------------------	--------------

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</p> <p>Not resurveyed, prepared from a plat dated 6-10-55 by Stephen H. Kinney.</p> <p>RECEIVED JAN 09 1995 OIL COLL. DEPT.</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Affairs Title 12-27-94 Date</p>	
	<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>12-23-94</p> <p>Date of Survey Signature and Seal of Professional Surveyor: <i>NEAL C. EDWARDS</i> 8857 Certificate Number</p>	

## Pertinent Data Sheet - Zachry #8

**Location:** 990' FNL. 990' FEL. Unit A, Section 33, T29N, R10W. San Juan County, New Mexico

**Field:** Aztec Pictured Cliffs

**Elevation:** 5635' DF

**TD:** 2000'

**PBTD:** 1970'

**Completed:** 08-31-55

**Spud Date:** 08-20-55

**DP #:** 32170A

### **Casing 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>
9 7/8"	9 5/8"	36.0# H-40	161'	125 sxs	Circ/Surface
7 7/8"	5 1/2"	15.5# J-55	1883'	100 sxs	
4 3/4"	3 1/2"	10.3# C-75	1984'	118 cu ft	

### **Tubing Record:**

<u>Tbg Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>
1 1/4"	2.4# J-55	1936'

### **Formation Tops:**

Ojo Alamo: 702'  
Kirtland: 853'  
Fruitland: 1628'  
Pictured Cliffs: 1882'

**Logging Record:** Dual Spaced Neutron Log, Micro, IES, TS.

### **Stimulation:**

Well was sand/oil frac'd from 1886' to 1957' w/16,000# sand & 13,136 gal oil.

### **Workover History:**

12/83: Pull 1" tbg. CO to TD. Ran 3 1/2" 10.3# C-75 csg, cmt w/118 cu.ft. Set 3P @ 1969'.  
Perf'd PC 1890', 1896', 1902', 1908', 1914', 1920', 1926', 1932', 1938', 1944'.  
1950', 1956', 1962' & 1966' w/14 holes.  
Frac'd w/80,000# sand & 84,695 gal 2% KCl, 478,000 SCF N2 & 1,500 gal 15% HCl.  
CO to TD.  
01/84: Land 1 1/4" tbg @ 1936'.

### **Production History:**

**Transporter:** Union Texas Petroleum Corp.

**ZACHRY #8**  
NE/4 Section 33 T29N R10W  
Recommended Completion Procedure

1. Test rig anchors and repair if necessary. Install 1-400 bbl frac tank on location and fill with 2% KCl water. Filter all water to 25 microns. Heat water as required by weather.
2. MOL and RU. Comply to all NMOCD, BLM and MOI rules and regulations. Hold safety meeting. ND wellhead. NU BOP. Test operation of rams. NU two relief lines.
3. TOOH laying down 1936' of 1-1/4" tubing, tally and inspect.
4. TIH with 1-13/16" Homco Slimline tubing and 2-7/8" bit and clean out to TD at 1984'. TOOH.
5. TIH with 1-13/16" Homco Slimline tubing and 3-1/2" packer and set at 1885'. Pump 600 gals. of 15% HCL, using 500 scf N2/bbl. Job will be pumped at 3 to 4 bbls/min. Shut in for 1 hour. Flow to pit and check for spent acid. **Take Pitot Gauge.** TOOH.
6. RIH and wireline set 3-1/2" CIBP at 1885'. Load hole with 2% KCl water.
7. RU and RIH with CNL-CCL-GR and log from 1885' to surface.
8. Run CBL from CIBP at 1885' to surface. If CBL appears inadequate, re-run log with 500 psi surface pressure. If bond still appears unacceptable, contact production engineering. Send copy of CBL to production engineering and drilling.

**\*\*\* LOWER COAL \*\*\***

9. RU hydraulic tree saver. Load hole with 2% KCl water and test CIBP and casing to 3500 psi for 15 minutes. RD.
10. RU wireline and perforate the following coal interval with a 2-1/2" RTG with 11.0 gram charges, 0.33 holes at 2 SPF (correlate depths to CNL-CCL-GR log). Prior to perforating, review with production engineering.

**1838' - 1851'**

Total: 13 feet - 26 holes.

11. RU hydraulic tree saver.
12. RU treatment company for frac. Hold safety meeting with **all** personnel. Pressure test surface lines to 5000 psi. Pump 200 gals. of 15% HCl ahead of frac. Fracture treat procedure will be available prior to treatment. Tag sand with 0.4 mCi/1000# of Ir-192 tracer. Flush with 14 bbls of 2% KCl water. **MAXIMUM PRESSURE IS LIMITED TO 3500 PSI!** Monitor braden head pressures during frac. Monitor bottomhole and surface treating pressure, rate, foam quality and sand concentration with computer van. Frac during daylight only.

**ZACHRY #8**  
NE/4 Section 33 T29N R10W  
Recommended Completion Procedure  
Page 2

13. SI well for 2 hours for gel break.
14. Scope out hydraulic tree saver and TIH under a lubricator and set 3-1/2" RBP at 1815'.
15. Refill 400 bbl frac tank with 2% KCl water and filter to 25 microns. Heat water as required by weather.

**\*\*\* UPPER COAL \*\*\***

16. RU hydraulic tree saver. Load hole with 2% KCl water and test CIBP and casing to 3500 psi for 15 minutes. RD.
17. RU wireline and perforate the following coal interval with a 2-1/2" RTG with 11.0 gram charges, 0.33 holes at 2 SPF (correlate depths to CNL-CCL-GR log). Prior to perforating, review with production engineering.

1731' - 1747'

1779' - 1789'

1792' - 1795'

Total: 29 feet - 58 holes.

18. RU hydraulic tree saver.
19. RU treatment company for frac. Hold safety meeting with all personnel. Pressure test surface lines to 5000 psi. Fracture treat procedure will be available prior to treatment. Tag sand with 0.4 mCi/1000# of Ir-192 tracer. Flush with 13 bbls of 2% KCl water. **MAXIMUM PRESSURE IS LIMITED TO 3500 PSI!** Monitor and braden head pressures during frac. Monitor bottomhole and surface treating pressure, rate, foam quality and sand concentration with computer van. Frac during daylight only.
20. SI well for 2 hours for gel break.
21. After gel break, open well through choke manifold and monitor flow. Flow at 20 bbls/hr, or less if sand is observed.
22. When well ceases to flow, RD hydraulic tree saver.
23. TIH with 1-13/16" Homco Slimline tubing and retrieving head and clean out upper coal zone until sand flow stops. **Take Pitot gauge before releasing BP.** Release RBP set at 1815' and TOOH.
24. TIH with 1-13/16" Homco Slimline tubing and notched collar and clean out lower coal zone until sand flow stops. **Take Pitot gauge.** TOOH.
25. RU wireline and run After - Frac log from 1885' to top of tracer activity.

**ZACHRY #8**  
NE/4 Section 33 T29N R10W  
Recommended Completion Procedure  
Page 3

26. TIH with 1865' of 1-1/2" IJ tubing with standard seating nipple one joint off bottom and pump-off plug on bottom. Land tubing string.
27. ND BOP and NU independent wellhead. Pump off plug. Take final Pitot gauge. Rig down and release rig.
28. Will move back on location and drill CIBP set at 1885' when appropriate regulatory approval is received.

Approve:

  
P. W. Bent

*Orlando Walker, Jr. 12/19/99*

**VENDORS:**

Wireline:	Petro	325-6669
Fracturing:	Western	327-6222
R.A. Tagging:	Protechnics	326-7133
Tools:	Schlumberger	325-5006
Production Engineer:	Office	326-9703
	Home	326-2381

LJB