

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

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, 1190'FEL, Sec.16, T-29-N, R-10-W, NMPM, San Juan County

API # (assigned by OCD)
30-045-08388

5. Lease Number

6. State Oil&Gas Lease #
E-3146-2

7. Lease Name/Unit Name
Schultz Com D

8. Well No.
8

9. Pool Name or Wildcat
Basin Fruitland Coal/
Aztec Pictured Cliffs

10. Elevation:

Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

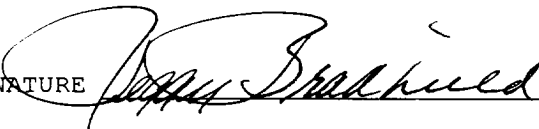
Type of Action

☒ 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 recompleate 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
DEC 29 1994
OIL CON. DIV.
DIST. 3

SIGNATURE  (LJB2) Regulatory Affairs December 27, 1994

(This space for State Use)

Approved by 

DEPUTY OIL & GAS INSPECTOR, DIST. #3
Title

Date IAN 05 1995

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Hrazos 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, 199
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 API Number 30-045-08388	² Pool Code 71629/71280	³ Pool Name Basin Fruitland Coal/Aztec Pictured Cliffs
⁴ Property Code 7486	⁵ Property Name Schultz Com D	⁶ Well Number 8
⁷ OGRID No. 14538	⁸ Operator Name MERIDIAN OIL INC.	⁹ Elevation 5685'

¹⁰ Surface Location


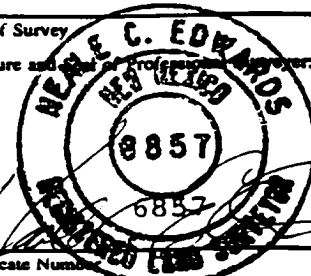
UL or lot no. A	Section 16	Township 29N	Range 10W	Lot Idn	Feet from the 990	North/South line North	Feet from the 1190	East/West line East	County S.J.
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¹¹ Bottom Hole Location If Different From Surface

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 158.32-E/313.76	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 by James P. Leese. RECEIVED DEC 29 1994 OIL CON. DIV. DIST. 3	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 12-27-94 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 me or under my supervision, and that the same is true and correct to the best of my belief. 12-23-94 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number
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Pertinent Data Sheet - Schultz Com D #8

Location: 990' FNL, 1190' FEL, Unit A, Section 16, T29N, R10W, San Juan County, New Mexico

Field: Aztec Pictured Cliffs

Elevation: 5712' DF

TD: 2183'

COTD: 2117'

Completed: 12-30-57

Spud Date: 11-24-57

DP #: 49979A

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>
9 7/8"	8 5/8"	24.0# J-55	106'	70 sxs	Circ/Surface
7 7/8"	5 1/2"	15.5# J-55	2182'	100 sxs	

Tubing Record:

<u>Tbg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>
1"		2117'

Formation Tops:

Ojo Alamo: 860'
Kirtland: 985'
Fruitland: 1772'
Pictured Cliffs: 2068'

Logging Record:

Stimulation:

Perf'd: 2070' to 2100' w/4 SPF.

Frac'd: w/20,000# sand & 20,000 gal water. Flush w/2,150 gal water.

Workover History:

Production History:

Transporter: EPNG

SCHULTZ D COM #8
NE/4 Section 16 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 NMOC, 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 2117' of 1" tubing, tally and inspect.
4. TIH with 2-7/8" N-80 tubing, 5-1/2" casing scraper and 4-3/4" bit and clean out to 2182'. TOOH.
5. TIH with 2-7/8" N-80 tubing, 5-1/2" packer and set at 2067'. 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 back to pit and check for spent acid. **Take Pitot Gauge.** TOOH.
6. RIH and wireline set 5-1/2" CIBP at 2067'. Load hole with 2% KCl water.
7. RU and RIH with CNL-CCL-GR and log from 2067' to 67'.
8. Run CBL from CIBP at 2067' 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. TIH with 5-1/2" fullbore packer and 2-7/8" N-80 tubing and set packer at 1944'. Load hole with 2% KCl water and test CIBP and casing to **3500 psi** for 15 minutes. Test tubing / casing annulus to 500 psi for 15 minutes. Equalize pressure and unseat packer. TOOH.
10. RU wireline and perforate the following coal interval with a Conventional 3-1/8" HSC with 10.0 gram charges, 0.30 holes at 2 SPF (correlate depths to CNL-CCL-GR log). Prior to perforating, review with production engineering.

2044' - 2058'

Total: 14 feet - 28 holes.

11. TIH with 5-1/2" fullbore packer on 2-7/8" N-80 tubing and set packer at 1944'.
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 9 bbls of 2% KCl water. **MAXIMUM PRESSURE IS LIMITED TO 3500 PSI!** Monitor backside 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.

SCHULTZ D COM #8
NE/4 Section 16 T29N R10W
Recommended Completion Procedure
Page 2

13. SI well for 2 hours for gel break.
14. After gel break, open well through choke manifold and monitor flow. Flow at 20 bbls/hr, or less if sand is observed.
15. When well ceases to flow, TOO H with 2-7/8" tubing and packer.
16. TIH with 2-7/8" N-80 tubing and notched collar and clean out to 2067'. TOO H.
17. TIH and set 5-1/2" RBP at 1988' with wireline.
18. Refill 400 bbl frac tank with 2% KCl water and filter to 25 microns. Heat water as required by weather.

***** UPPER COAL *****

19. TIH with 5-1/2" fullbore packer and 2-7/8" N-80 tubing and set packer at 1802'. Load hole with 2% KCl water and test RBP and casing to 3500 psi for 15 minutes. Test tubing / casing annulus to 500 psi for 15 minutes. Equalize pressure and unseat packer. TOO H.
20. RU wireline and perforate the following coal interval with a Select Fire 3-1/8" HSC with 10.0 gram charges, 0.30 holes at 2 SPF (correlate depths to CNL-CCL-GR log). Prior to perforating, review with production engineering.

1902' - 1915'
1945' - 1949'
1963' - 1968'

Total: 22 feet - 44 holes.

21. TIH with 5-1/2" fullbore packer on 2-7/8" N-80 tubing and set packer at 1802'.
22. 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 9 bbls of 2% KCl water. **MAXIMUM PRESSURE IS LIMITED TO 3500 PSI!** Monitor backside 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.
23. SI well for 2 hours for gel break.
24. After gel break, open well through choke manifold and monitor flow. Flow at 20 bbls/hr, or less if sand is observed.

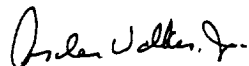
SCHULTZ D COM #8
NE/4 Section 16 T29N R10W
Recommended Completion Procedure
Page 3

25. When well ceases to flow, TOOH with 2-7/8" tubing and packer.
26. TIH with 2-7/8" N-80 tubing and retrieving head and clean out upper zone until sand flow stops. Take Pitot gauge before releasing BP. Release RBP set at 1988' and TOOH.
27. TIH with 2-7/8" N-80 tubing and notched collar and clean out coal until sand flow stops. Take Pitot gauge. TOOH.
28. RU wireline and run After - Frac log from 2067' to top of tracer activity.
29. TIH with 2047' of 2-3/8" tubing with standard seating nipple one joint off bottom and pump-off plug on bottom. Land tubing string.
30. ND BOP and NU independent wellhead. Pump off plug. Take final Pitot gauge. Rig down and release rig.
31. Will move back on location and drill CIBP set at 2067' when appropriate regulatory approval is received.

Approve:



P. W. Bent

 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

SCHULTZ COM D #8

CURRENT

AZTEC PICTURED CLIFFS (GAS)

SEC 16, T29N, R10W, SAN JUAN COUNTY, NM

COMPLETED
12/30/57

8-5/8" 24# J-55 CSG SET @ 106'
CMT TO SURFACE

OJO ALAMO @ 860'

KIRTLAND @ 985'

1" TBG SET @ 2117'

FRUITLAND @ 1772'

TOC UNKNOWN

PICTURED CLIFFS @ 2068'

PERF'D 2070' - 2100' W/ 4 SPF
FRAC'D W/ 20,000# SND & 20,000 GAL
WTR.

5-1/2" 15.5# EW CSG SET @ 2182'
CMT W/ 100 SXS

TD
2183'

SCHULTZ COM D #8

PROPOSED
BASIN FRUITLAND COAL

SEC 16, T29N, R10W, SAN JUAN COUNTY, NM

COMPLETED
12/30/57

8-5/8" 24# J-55 CSG SET @ 106'
CMT TO SURFACE

OJO ALAMO @ 860'

KIRTLAND @ 985'

2-3/8" TBG SET @ 2047'

FRUITLAND @ 1772'

TOC UNKNOWN

PERF 1902' - 1915', 1945' - 1949',
1963' - 1968' W/2 SPF

PERF 2044' - 2058' W/2 SPF

PICTURED CLIFFS @ 2068'

CIBP SET @ 2067'

PERF'D 2070' - 2100' W/ 4 SPF
FRAC'D W/ 20,000# SND & 20,000 GAL
WTR.

5-1/2" 15.5# EW CSG SET @ 2182'
CMT W/ 100 SXS

TD
2183'