

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, 1650'FEL Sec.35, T-29-N, R-10-W, NMPM

5. Lease Number
SF-077082

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Neudecker #2

9. API Well No.
30-045-07698

10. Field and Pool
Aztec PC/
Basin Ft Coal

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 repair this well, open the Fruitland Coal formation and commingle with the Pictured Cliffs per the attached procedure. Verbal approval for this work was received from W. Townsend 09-23-93 at 4:00 p.m. Application is being made to the New Mexico Oil Conservation Division for commingling.

RECEIVED

OCT 15 1993

OIL CON. DIV.
DIST. 3

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OCT 15 1993
NM

SEP 23 PM 3:24

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OCT 15 1993
NM

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

Signed *Reggie Bradfield* (SD) Title Regulatory Affairs Date 9/23/93

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED

Date OCT 12 1993

DISTRICT MANAGER

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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BLM

53 SEP 28 PM 3:24

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesa, NM 88210

DISTRICT III
1000 Rio Grande Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

070 EASTERN, NM

Operator Meridian Oil Inc.			Lease Neudecker		Well No. 2
Unit Letter G	Section 35	Township 29 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 1650 feet from the North line and 1650 feet from the East line					
Ground level Elev. 5604'	Producing Formation Fruitland Coal/Pic.Cliffs Basin/Aztec			Dedicated Acreage: 320/160 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or inkline marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been considered by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of communitization _____

If answer is "no" list the owners and tract descriptions which have actually been communitized. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been communitized (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, communitizing such interest, has been approved by the Division.

* This location not resurveyed:
Prepared from plat;
By: C.O. Walker
Dated: Feb.10, 1956

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Peggy Bradfield
Signature

Peggy Bradfield

Printed Name

Regulatory Representative

Position

Meridian Oil Inc.

Company

Date
9-27-93

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 knowledge and belief.

9-24-93
Date Surveyed
C. EDWARDS
Needle
Signature of Surveyor

Professional Surveyor

6857

Commission No.

6857

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OCT 15 1993

OIL CON. DIV.]

OCT 3

NEUDECKER #2
Recommend Completion Procedure
NE/4 Section 35 T29N R10W

1. Test rig anchors and repair if necessary. Install 2-400 bbl frac tanks on location and fill with 2% KCl water. Filter all water to 25 microns.
2. MOL and RU. Comply to all NMOCD, BLM and MOI rules & regulations. Hold safety meeting. ND wellhead. NU BOP. Test operation of rams. NU two relief lines.
3. Unseat packer set @ 1797' (BAKER MODEL R COMPRESSION PACKER). TOOH w/ 1926' of 2-3/8" tbg and packer, tally & inspect.
4. TIH w/ 4-3/4" bit and 5-1/2" casing scraper on 2-3/8" tbg and clean out to PBTD of 1980'. TOOH.
5. RIH and set 5-1/2" RBP @ 1890'. RU wireline and dump 2 sxs sand on RBP. Load hole w/ water. TOOH. Pressure test csg to 500 psi to assure that holes exist in csg. TIH w/ workstring and pkr and pressure test under pkr to determine depth of deepest hole. TOOH.
6. RU wireline and run CBL-CCL-GR from PBTD (1890') to 150'. Run MTT-Calliper csg inspection log from PBTD to 150'. Send copy of CBL and MTT logs to production engineering.
7. PU and install csg spear. PU 5-1/2" csg to release csg slips. RU wireline and run "Free-Point". Determine csg Free-Point. Run chemical cutter through spear and cut casing at depth to be determined from MTT-Caliper log and "Free-Point".
8. Condition and circulate hole clean with mud. TOOH w/ 5-1/2" casing.
9. PU skirted mill. RIH and polish off top of 5-1/2" csg. TOOH.
10. RIH w/ new 5-1/2" csg w/ "Bowen Lead Seal" casing patch and tie into existing csg in well. Set seal. Pressure test csg and patch to 500 psi. When csg holds, set csg in slips and cut off top of csg.
11. Insure both 400 bbl tanks on location are filled with 2% KCl water in preparation for Fruitland coal fracs. Filter all water to 25 microns.

NEUDECKER #2
Recommend Completion Procedure
NE/4 Section 35 T29N R10W
Page 2

*****LOWER COAL*****

12. RU wireline and perf the following coal interval w/ 4" HSC w/ 19.8 gram charges @ 4 SPF (correlate depths to CCL-GR log).

1870-1882'

Total: 12 feet: 48 holes

13. TIH w/ 3-1/2" 9.3# N-80 FJ frac string and set fullbore pkr @ 1830'. Load backside w/ 2% KCl water.
14. RU treatment company for frac. Hold safety meeting with all personnel. Pressure test surface lines to 5000 psi. Fracture treat lower coal according to attached schedule w/ 70Q foam at 20 BPM with 55,000 lbs of 20/40 mesh Arizona sand. Flush with 16 bbls gel. Estimated treating pressure is 2100 psi. **MAXIMUM PRESSURE IS LIMITED TO 4000 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**.
15. SI well for 3 hours for gel break.
16. After gel break, open well through choke manifold & monitor flow. Flow @ 20 bbls/hr, or less if sand is observed.
17. Re-fill 400 bbl frac tank with 2% KCl water and filter to 25 microns.
18. When well ceases to flow, TOOH w/ pkr and frac string. TIH w/ 2-3/8" tbg and csg scraper to 1860'. TOOH. TIH and set 5-1/2" RBP @ 1850'.

NEUDECKER #2
Recommend Completion Procedure
NE/4 Section 35 T29N R10W
Page 3
*****UPPER COAL*****

19. RU wireline and perf the following coal interval w/ 4" HSC w/ 19.8 gram charges @ 4 SPF (correlate depths to CCL-GR log).

1766-1776', 1800-1806', 1821-1823

Total: 18 feet: 72 holes

20. TIH w/ frac string and set pkr @ 1850'. Pressure test BP to 3000 psi surface pressure.
21. Release pkr, PU to 1600', load backside and set pkr @ approx 1600'.
22. RU treatment company for frac. Hold safety meeting with all personnel. Pressure test surface lines to 5000 psi. Fracture treat upper coal according to attached schedule w/ 70Q foam at 30 BPM with 60,000 lbs of 20/40 mesh Arizona sand. Flush with 15 bbls gel. Estimated treating pressure is 2100 psi. **MAXIMUM PRESSURE IS LIMITED TO 4000 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 3 hours for gel break.
24. After gel break, open well through choke manifold & monitor flow. Flow @ 20 bbls/hr, or less if sand is observed.
25. When well ceases to flow, TOOH w/ pkr and frac string. TIH w/ retrieving head on 2-3/8" tbg and clean out upper zone until sand flow stops. **Take Pitot gauge before releasing BP.** Release RBP set @ 1850' and TOOH.
26. TIH w/ 2 3/8" tbg and retrieving head and clean out lower coal until sand stops. After clean up, flow test the Coal for 24 hrs, taking **pitot gauges every 6 hrs.** **Take final Pitot gauge and gas & water samples.**
27. Release BP @ 1890' and TOOH. TIH w/ 2-3/8" tbg and 4 3/4" bit, clean out to PBTD. Blow well clean. TOOH laying down 2-3/8" tbg.
28. TIH w/ 1920' of 1-1/2" tbg w/ standard seating nipple one jt off bottom and pump-off plug on bottom. Land tbg string.
29. ND BOP and NU independent wellhead. Pump off plug. **Take final Pitot gauge.** Rig down & release rig.

Approve: _____

J. A. Howieson

VENDORS:

Wireline:	Blue Jet	325-5584 (kas)
Fracturing:	Western	327-6222
Casing Patch:	Oil Field Rentals	327-4421
Chemical Cut:	Wireline Specialties	327-7141

SBD