

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

## SUBMIT IN TRIPLICATE

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

MERIDIAN OIL INC. *Southland Royalty Co*

## 3. Address and Telephone No.

P.O. Box 51810 Midland, TX 79710

915-688-6943

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/SE, SEC. 21, T24S, R34E

660' FSL & 1980' FEL

*Unit D*

## 5. Lease Designation and Serial No.

NM20980

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA, Agreement Designation

RNM125

## 8. Well Name and No.

VACA RIDGE

'21' FEDERAL NO. 1

## 9. API Well No.

30-005-28641

## 10. Field and Pool, or Exploratory Area

PITCHFORK RANCH

LEA COUNTY, NM

*Morrow*

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

## TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other ALCOFOAM FRAC  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- Deliver tubing racks,  $\pm 2,900'$  of 2 3/8" 4.7# EUE N-80 workstring,  $\pm 10,000'$  of 2 7/8" 6.5# EUE N-80 workstring,  $\pm 2,500'$  of 2 7/8" 8.7# EUE N-80 workstring, and 2,300' of 2 3/8" 4.7# N-80 DSS-HTC Atlas Bradford tubing, and 2 joints of 2 7/8" 4.7# P-105.
- MIRU slickline unit. NU lubricator on wellhead. RIH with pressure bomb and measure pressure in well at 14,450'. Tag PBTD and POOH with bomb. Document fluid level and PBTD. RIH with end of tubing locator and locate end of tubing at 14,206'. POOH. RIH with bailer and dump up to 35 cubic feet of sand to fill wellbore to a depth of 14,700'. NOTE: This step may be modified based on amount of fill and time requirements. RIH with plug on slickline for 2.125" Otis R nipple. Set plug in R nipple at  $\pm 12,475'$ . POOH. Bleed tubing pressure to zero to test plug. RD slickline unit.
- MIRU workover unit. Load tubing with treated 2% KCl (see fluid guidelines). ND wellhead. NU BOP. Pressure up on tubing to 1,500 psi. Pick up on tubing to unseat packer seal assembly. Pump treated 2% KCl down tubing and displace 10 ppg packer fluid up backside. POOH laying down with 2 7/8" Atlas Bradford DSS-HTC 8.7# and 6.5# N-80 production tubing. Strap and label 8.7# tubing out of hole (1st 1,802' pulled). Use thread protectors when pulling and laying down production tubing. Order out inspection of production tubing and teflon seals in couplings.
- RU slickline unit. RIH and retrieve plug in Otis R nipple at 12,475'. POOH. RD slickline unit. PU and RIH with spear, bumper sub, and 2 7/8" perforated sub, drill collars and jars to retrieve RLA (retrievable landing assembly) at  $\pm 12,471'$  on  $\pm 9,971'$  2 7/8" 6.5# EUE N-80 and  $\pm 2,500'$  of 2 7/8" 8.7# EUE N-80 workstring. Latch into RLA and unseat with no more than 40,000# over string weight. POOH with RLA and 2 7/8" workstring.
- RU wireline unit. RIH with gauge ring and junk basket for 4 1/2" 15.1# casing to  $\pm 14,700'$ . POOH. RIH with CIBP for 4 1/2" 15.1# casing and set at 14,675' using a gamma locator and correlated to CBL dated 5/20/84. POOH with wireline.
- RIH with cement retainer on wireline. Set retainer at  $\pm 14,350'$  using a gamma locator correlated to CBL dated 5/20/84. POOH with wireline unit. RD wireline unit.

RECEIVED  
NOV 1 11 05 AM '93  
CARLSBURG  
AREA II  
OFFICE  
MANAGERS

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

Signed *Donna Williams* DONNA WILLIAMS

Title PRODUCTION ASSISTANT

Date 10/27/93

(This space for Federal or State office use)

Approved by (ORIG. SGD.) DAVID R. GLASS

Title

Date

Conditions of approval, if any: