

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <b>NM-81633</b>
2. Name of Operator <b>Meridian Oil Inc.</b>	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. <b>P.O. Box 51810 Midland, TX 79710</b> <b>915-688-6800</b>	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>J, 1980' FSL &amp; 1980' FEL, Sec., 23, T22S, R32E</b>	8. Well Name and No. Checkerboard <b>23 Federal Well No. 1</b>
	9. API Well No. <b>30-025-31906</b>
	10. Field and Pool, or Exploratory Area <b>E. Livingston Ridge Delaware</b>
	11. County or Parish, State <b>Lea County, NM</b>

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR 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 Notice	<input checked="" 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
	<input type="checkbox"/> 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.)\*

Plug back from the Red Tank Bone Spring Field to the East Livingston Ridge Delaware Field.

Set CIBP @9000'. Test CIBP to 4250 psi.

RIH with 4" csg. gun and shoot 4 squeeze holes @8575'.

Establish pump-in pressure and rate down 5 1/2' casing through perforations.

Set SVEZ(retainer) for 5 1/2", csg @8550'.

Sting into retainer @8550' and test backside to 500 psi. Pump 230 sxs of .6% Halad-322 premium cement into perforations. Displace cement to retainer. Sting out of retainer.

Run R.A.L./CCL/GR to determin TOC.

RIH with 4" csg guns. Perforate the Delaware "K" and "K-2" sands with 2JSPF.

Perforated Interval No. Holes

8383-8399' 34 holes "K" sand

8441-8477' 74 holes "K-2" sand

Treat the "K" and "K-2" sands with 2% KCl. Treat each foot of perforated interval with +/-40 gls of 7 1/2% Resin-Sol acid. Pump 100 gals of 2% KCl between connections. RIH to +/- 8500'. Circulate hole with 2% KCl.

Fracture the "K" and "K-2" sands with 25,000 gls, 35# crosslinked gel and 122,000 lbs of 20/40 Ottawa sand.

Clean out well to retainer @8550'. Circulate well with foamed air.

RIH with 2 7/8", tubing @+/-8330. NU well wellhead. RIH with rods and pump. Turn to production. o

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

Signed

*Maria L. Perez*

Title **Production Assistant**

Date **8-23-93**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any: