

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

Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. <u>NM-01747</u>
2. Name of Operator <u>Marathon Oil Company</u>		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. <u>P. O. Box 552, Midland, TX 79702</u>		7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <u>1980' FNL and 1980' FEL</u> <u>Sec. 24, T20S, R34E</u>		8. Well Name and No. <u>Lea Unit No. 13</u>
		9. API Well No. <u>30-025-29381</u>
		10. Field and Pool, or Exploratory Area <u>Lea (Bone Spring)</u>
		11. County or Parish, State <u>Lea Co., NM</u>

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

TYPE OF SUBMISSION

TYPE OF ACTION

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

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Workover

- ☐ 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.)

On 12/21/91, Marathon Oil Company initiated operations to perforate and fracture additional Bone Spring pay as follows:

(See attachment)

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

Signed Rod J. Prosceno Title Operations Engineer Date 2/26/92

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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100D HOBBS OFFICE

- 12/21/91 Test safety anchors to 22,500 psi. OK. MIRU Expert PU. Attempt to unseat pump. Found fiberglass rods parted 12 rods from surface. RIH w/overshot to fish 1.2" box. Catch rods, unseat pump & POOH w/rods & pump. ND wellhead. Unseat TAC. NU 6"-1500 series riserspool & 6" 1500 series hyd BOP's w/2 7/8" pipe rams & blind rams. Secured well. SDFN.
- 12/22/91 Open well. POOH w/2 7/8" N-80 tbg prod string. Replace sand line on PU. NU 7" WKM valve on BOP. RIH w/RBP on 4 stds tbg. Set RBP @ 250'. POOH w/tbg. Test BOP stack to 1000#. OK. Release & pull RBP. RIH w/10 stds tbg for kill string. SDFN.
- 12/23/91 Open well. Pump 50 bbls 2% KCl down tbg. POOH w/kill string. RU HLS Wireline. Test lub to 1000#. OK. Run 3 1/8" perf csg gun. Tag fillup @ 10,361'. Unable to get deep enough to perforate. POOH w/wireline. ND WKM valve. RIH w/4 5/8" bit on 2 7/8" tbg. Tag @ 10,376'. Rotate w/tbg tong. Drilled 5'. POOH w/45 jts. Secure well. SDFN.
- 12/24/91 Open well. (25,000 PPM H2s). Rig kill truck. Pump 50 Bbls. KCl wtr down csg. FIH w/2 7/8" tbg. Hot oil tbg w/70 Bbls oil. POOH leaving 10 stds for kill string. SDFN.
- 12/25/91 Shut down for Holidays.
- 12/26/91 Shut down for Holidays.
- 12/27/91 Kill well w/75 Bbls 2% KCl wtr. POOH w/kill string. RIH w/4 5/8 bit on Bulldog Bailer on 2 7/8" tbg. Tag fillup @ 10,380'. Pig up power swivel. Rotate & drill scale to 10,534'. POOH Lay down Bailer. RIH w/10 stds tbg. SDFN.
- 12/28/91 POOH w/kill string. NU & test full lubricator to 1000#. OK. Perforate Bone Spring 10,468-10,491', 4 shots per ft w/3 1/8" csg gun. RD Perforators. RIH w/treating pkr on 2 7/8" 7.9# PH-6 P-110 tbg to 9300'. Secure well. SDFN.
- 12/29/91 Open well. RU Howco. Set pkr @ 9387'. Load annulus. Drop SV. Test tbg to 7000#. OK. PU SV. Psig annulus to 500#. Acidize B. Spring 9560-10,491' w/4000 gals 7 1/2" HCl w/132 B.S. AIR - 4 BPM @ 2200#. Good ball action. Cont pumping 3300 gals frac pad. Frac B.S. 10,468-10,491' w/29,000 gals gelled 2% KCl H2O w/42,700# 20-40 Ottawa sand. Flushed to top perms w/2% KCl slick H2O. AIR 15 BPM @ 5600 psi. Max psi 6000#. Min 0#. ISIP 3042#. 5 min 2849#, 10 min 2765#, 15 min 2691#. RD Howco. SDFN.
- 12/30/91 16 hr SITP 0#. Open well. Rig swab. RIH. BFL 1600' FS. Swab 10 hr. Rec 73 bbls. Load wtr. FFL 3700'. SDFN.
- 12/31/91 SITP - 0#. Run swab. BFL 1800' FS. Rec 3 bbls wtr w/good show of oil. LD swab. Rel pkr. POOH. LD 299 jts 2 7/8" PW-6 workstring & pkr. RIH w/2 7/8" slotted mud anchor (16') 2 7/8" SN (1.10), 30 jts 2 7/8" N-80 tbg (931'), 2 7/8" Baker TAC (3') 80 jts 2 7/8" tbg (2496'). SDFN.

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