

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

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Marathon Oil Company

3. Address and Telephone No.

P. O. Box 552, Midland, Texas 79702

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

790' FNL & 790' FEL
Sec. 5, T-27N, R-11W

RECEIVED

JAN 04 1991

**OIL CON. DIV.]
DIST. 3**

5. Lease Designation and Serial No.

SF080382-A

6. If Indian, Allottee or Tribe Name

Navajo

7. If Unit or CA, Agreement Designation

Not assigned

8. Well Name and No.

Schwerdtfeger "5" No. 1

9. API Well No.

30-045-27819

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input checked="" type="checkbox"/> Casing Repair
	<input type="checkbox"/> Alarming 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.)

Marathon Oil Company completed the repair of the primary cement job on the Schwerdtfeger "Well No. 1 on November 13, 1990. The following is the summary of the operation.

1. MIRU PU & NU BOP's.
2. POOH w/2 3/8" tbg.
3. RIH w/5 1/2" RBP & set @ 1405' KB. Dropped 2 sx of sand on RBP. POOH.
4. RU & perf csg @ 1093' w/4 shots. Closed rams & pumped 40 bbls 2% KCl. Broke circ on backside of 5 1/2" csg.
5. RIH & set retainer @ 1015' KB. Broke circ thru retainer. Press backside to 200 psig. Pumped 200 sx Class "B" Neat followed by 100 sx Class "B" w/1% CACl₂. Circulated to surface.
6. Pulled out of retainer & dumped 1 bbl cmt on retainer.
7. Ran temp log. Temp chg. 100' from surface & @ 510'.
8. RIH w/4 3/4" bit & (6) 3 1/8" drill collars on 2 3/8" workstring. Tagged cmt @ 968'. DO cmt & retainer. Circ hole clean.

(See Attachment I)

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

Signed J. R. Jenkins

Title Hobbs Production Superintendent

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title

DEC 19 1990

NMOOD

FARMINGTON RESOURCE AREA

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

ATTACHMENT I

Item 13 continued Casing Repair Procedure

9. Tested csg to 2000 psig. Leaked off to 500 psig in 3 min. RU & pumped into leak @ 2 BPM @ 1800 psig.
10. Ran GR-CBL-CCL from 1372'-300' w/1000 psig.
11. RIH w/5 1/2" fullbore pkr to 1144'. Set & tested RBP to 2000 psig. Held OK. Released pkr & reset @ 1014'.
12. RU cementers. Place 500 psig on backside. Pumped 50 sx Class "B" w/fluid loss add. & 20 sx Class "B" Neat. Squeeze unsuccessful. Pumped 80 sx Class "C" containing 27% CaCl_2 . Squeeze unsuccessful. Displaced tbg & csg w/10 bbl water.
13. Reset pkr @ 950' KB.
14. RU cementers. Placed 500 psig on backside. Pumped 60 sx Class "B" cmt containing 6.5#/sk Gilsonite & 2% CaCl_2 . Press. squeeze to 2000 psig. Squeeze successful. Reversed cmt from tbg. POOH w/tbg & pkr.
15. RIH w/4 3/4" bit & (6) 3 1/8" DC's on 2 3/8" tbg. Tagged cmt @ 955' KB. DO cmt. RIH & tagged sand on RBP. Tested squeeze to 1200 psig. Held OK.
16. (End of squeeze procedure)