

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED
OCT 19 1998
OIL CON. DIV.
DIST. 3

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Marathon Oil Company

3a. Address
P.O. Box 2490, Hobbs, NM 88240

3b. Phone No. (include area code)
(505) 393-7106

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
UL 1, Section 8, T-27-N, R-11-W
1850' FSL and 790' FEL

5. Lease Serial No.

NMSF-080382-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Schwerdtfeger No. 2

9. API Well No.

30-045-06666

10. Field and Pool, or Exploratory Area
Basin Dakota

11. County or Parish, State

San Juan Co. NM

12. CHECK APPROPRIATE BOX(ES) 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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Coompleted Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Marathon Oil Company request approval to LONG TERM TA this well. This well has recompleation potential. The procedure to perform this work consist of:

1. MIRUPU. ND wellhead and NU BOP.
2. RIH with tubing to 2500'.
3. Circulate inhibited fluid into well.
4. Perform casing integrity test.
5. POOH with tubing, laying down.
6. ND BOP and NU wellhead.
7. RDMOPU.

THIS APPROVAL EXPIRES NOV 01 1999

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Thomas P. Kacir

Title

Production Engineer

Date

10/05/98

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by /S/ Duane W. Spencer

Title

OCT 16 1998

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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 statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

NMOCD

WELLBORE STATUS

Schwerdtfeger No. 2
UL I, 1850' FSL, 790' FEL
Section 8, T-27-N, R-11-W
San Juan County, NM
API # 30-045-06666
Federal Lease # NMSF-080382-A

KB: 6182'
GL: 6170'

JAN 1961: Drill to 6594'.
Ran & cmt'd 4 1/2" csg to 6593'.
Perfed 6550'-6565' w/ 4 JSPF.
Frac w/ 40,000 gals water
and 20,000 # 20/40 sand.

Cut 3 slots at 6495'-6502',
6507'-6512', 6516'-6520'.
Frac 6495'-6520' with
28,000 glas water and
25,000 # 20/40 sand.

Perfed 6444'-6460' w/ 4 JSPF.
Frac 6444'-6460' with
36,000 gals water and
18,000 # 20/40 sand.

JAN 1969: Install Packer.

FEB 1991: Acidized w/ 2500 gals.

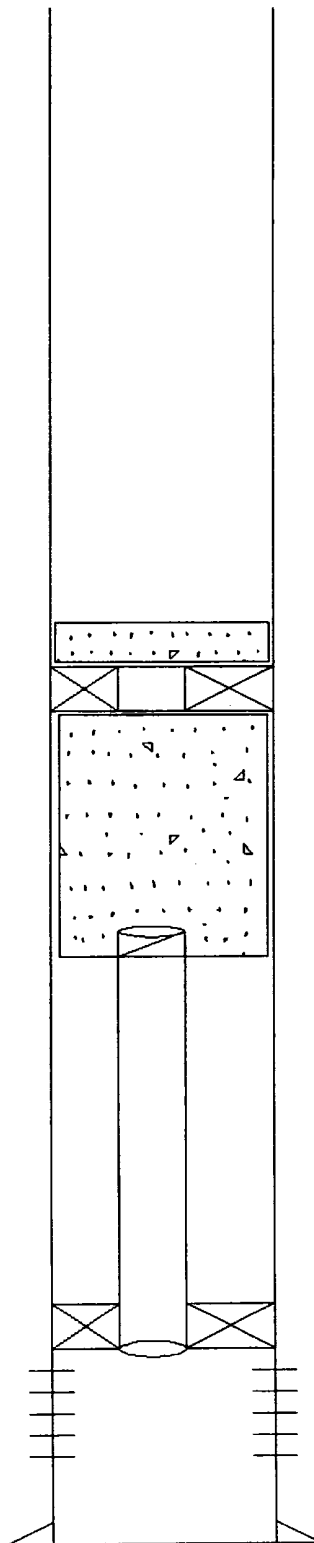
JUN 1998: Parted tubing at 4127'.
Freepointed tbg and found
tbg free at 4152'.

OCT 1998: Ran tapered swage to 3794'.
Ran bit to 3830'. Ran pkr.
Found top of csg leak at 2839'.
Pumped 110 sks of cmt at 3805'.
Tagged cmt at 3254'.
Set cmt retainer at 2825'.
Pumped 55 sks cmt below retainer.
Pumped 10 sks cmt above retainer.

Perforations:

6444' - 6460'	4 SPF
6495' - 6502'	Cut 3 Slots
6507' - 6512'	Cut 3 Slots
6516' - 6520'	Cut 3 Slots
6550' - 6565'	4 SPF

PBTD: 6578'
TD: 6594'



8 5/8", csg set at 205'.
Cemented w/ 175 sks,
did not circulated.
Pumped 35 sks down annulus.

10 sks of cement
Cement Retainer @ 2825'
55 sks of cement

Pumped 110 sks
cement plug
from 3805' to 3254'

JUNE 1998:
Fish left in hole consist of
2260' of 2-3/8" tbg, SN,
31' of 2-3/8" tbg.
Baker Mod 'G' pkr.

4 1/2", 11.6#/ft, J-55
casing set at 6593'.
1st stage cmt'd w/ 150 sks.
2nd stage cmt'd w/ 75 sks.