Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

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

5. Lease Designation and Serial No.

CUMPDY NOTICES AND	D REPORTS ON WELLS	SF 080382-A
	or to deepen or reentry to a different reservoir.	6. If Indian, Allottee or Tribe Name
· · ·	PERMIT - * for such proposals	
000 777 210 (770) 1 7 01.		7. If Unit or CA, Agreement Designation
SUBMIT	IN TRIPLICATE	
1. Type of Well		a will be a fall
Oil X Gas Well Other		8. Well Name and No. — Schwerdtfeger 12
2. Name of Operator		
Marathon 011 Company 3. Address and Telephone No.		9. API Well No.
P.O. Box 2409, Hobbs, NM 88240	(505) 393-7106	30-045-06502 10. Field and Pool, or exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey De		West Kutz Canyon + (
Unit Letter K, Sec. 16, T-27-N, R-11-W 1650' FSL & 1650' FWL		
		11. County or Parish, State
		San Juan County NM
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
X Notice of Intent	Abandonment	Change of Plans
A Proces of manus	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
_	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other Request TA Extension	Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Describe Proposed or Completed Operations (Clearly state all	pertinent details, and give pertinent dates, including estimated date of star ical depths for all markers and zones pertinent to this work.)*	ting any proposed work. If well is directionally drilled,
give subsultate rections and inconstruct and the ver-	· · · · · · · · · · · · · · · · · · ·	
For an extension of Long Torm TA St	atus a casing integrity test was needed. T	his well failed a casing
integrative test merformed on January	23, 1998. The attached procedure will be	used to locate the leak and
repair it.	20, 2000 mo 4000 mo 4000 mo 1000 mo 10	
DEVENTED	• •	
DECEINEU		<u></u>
IN IVI	ages 9	
11 FEB - 3 1998 D	899) I O GUM	
Will Good Day	MAH OT 1995	29 PN 12:
OIL GON. DIV.	THIS APPROVAL EXPIRES	
Dist. 3	• .	P1112:
		CO
Section 1		89
14. I hereby certify that the foregoing is true and correct	Title Production Engineer	Date 1/27/98
	THE TIMESTY LIMITED	Date
(This space for Federal or State office use) Approved by Approved by		FEB - 2 1998
Approved by Conditions of approval, if any:	Title	Date
Comments or akken, and wand.		
	1 1 1 1 10 11 11 11 11 11 11 11 11 11 11	A.A. Change our Calm. Continue of Company and Calmine of
Title 18 U.S.C. Section 1001, makes it a crime for any perso or representations as to any matter within its jurisdiction.	n knowingly and willfully to make to any department or agency of the Uni	iou states any taise, fictitious of fraudulent statements

Schwerdtfeger Well No. 12 Sec 16, T-27-N, R-11-W 1650' FSL & 1650' FWL

For an extension of Long Term TA Status a casing integrity test was needed. This well failed a casing integrity test performed on January 23, 1998. The following procedure will be used to locate the leak and fix it.

Casing at 1945'; No perforations. Open-hole from 1945' - 2003'

- 1. MIRU PU. ND wellhead and NU BOPs'.
- 2. Pick up and TIH with casing scraper on 2-3/8" tubing to top of CIBP at 1905'.
- 3. POOH. TIH with packer.
- 3. Set packer and start testing the casing just above the CIBP at 1905'. Continue testing casing until the leak has been located.
- 4. POOH.
- 5. If the CIBP at 1905' is the cause of the leak, perform Steps 6 to 9. Otherwise perform Steps 10 to 12.
- 6. TIH with CIBP on tubing. Set CIBP at 1875'. Load hole with 2% KCl with corrosion inhibitor.
- 7. Pressure test casing to 500 psi for 30 minutes and record pressure.
- 8. POOH, laying down tubing.
- 9. ND BOPs' and NU wellhead. RDMO PU.
- 10. If not leaking at CIBP (1905'); AFE WIO to cement squeeze and T&A or P&A well.

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED Budget Bureau No. 1004-0135

Expires	: March 3	1, 1993

BUREAU OF LAND M	MANAGEMENT (5. Lease Designation and Serial No.
	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SF 080382-A
SUNDRY NOTICES AND REPO		6 If Indian Allottee or Tribe Name
Do not use this form for proposals to drill or to de		
Use "APPLICATION FOR PERMIT	- " for such proposals	
SUBMIT IN TR	IPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well		8. Well Name and No.
Oil X Gas Well Other		Schwerdtfeger 12
2. Name of Operator		
Marathon 011 Company 3. Address and Telephone No.		9. API Well No.
P.O. Box 2409, Hobbs, NM 88240	(505) 393-7106	30-045-06502 10. Field and Pool, or exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	(303), 333-7 100	West Kutz Canyon
Unit Letter K, Sec. 16, T-27-N, R-11-W		Hest Nutz Carryon
1650' FSL & 1650' FWL		11. County or Parish, State
3330 132 2 3330 333		San Juan County NH
12. CHECK APPROPRIATE BOX(s) TO II	NDICATE NATURE OF NOTICE, REPO	
TYPE OF SUBMISSION	TYPE OF ACT	TION
X Notice of Intent	Abandonment	Change of Plans
	X Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
1		
	X Other Return PC to Produc	ction Disnose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Describe Proposed or Completed Operations (Clearly state all pertinent of give subsurface locations and measured and true vertical depths Marathon Oil Company requests to return to fwork performed to find the casing leak	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* he Pictured Cliffs back to product	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally drill tion. Attached is the summary
Marathon Oil Company requests to return t	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* he Pictured Cliffs back to product	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally drill tion. Attached is the summary
give subsurface locations and measured and true vertical depths Marathon Oil Company requests to return t	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* the Pictured Cliffs back to product and the procedure to return the ways.	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally drill con. Attached is the summary well back to production.
give subsurface locations and measured and true vertical depths Marathon Oil Company requests to return t	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* the Pictured Cliffs back to product and the procedure to return the way.	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally drill con. Attached is the summary well back to production.
give subsurface locations and measured and true vertical depths Marathon Oil Company requests to return t	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* the Pictured Cliffs back to product and the procedure to return the ways.	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally drill the completion of the summary well back to production.
give subsurface locations and measured and true vertical depths Marathon Oil Company requests to return t	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* the Pictured Cliffs back to product and the procedure to return the way to be a second to be a secon	(Note: Report results of multiple completion on Wel Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally drill the completion of the summary well back to production.
give subsurface locations and measured and true vertical depths Marathon Oil Company requests to return t	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* the Pictured Cliffs back to product and the procedure to return the way to be a second to be a secon	(Note: Report results of multiple completion on Wel Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally drill starting any proposed work is the summary well back to production.
give subsurface locations and measured and true vertical depths Marathon Oil Company requests to return t	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* the Pictured Cliffs back to product and the procedure to return the way to be a second to be a secon	(Note: Report results of multiple completion on Wel Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally drill starting any proposed work is the summary well back to production.
give subsurface locations and measured and true vertical depths Marathon Oil Company requests to return t	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* The Pictured Cliffs back to product and the procedure to return the way. MAR - 4	(Note: Report results of multiple completion on Wel Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally drill starting any proposed work is the summary well back to production.
give subsurface locations and measured and true vertical depths Marathon Oil Company requests to return t	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* The Pictured Cliffs back to product and the procedure to return the way. MAR - 4 1	(Note: Report results of multiple completion on Wel Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally drill starting any proposed work is the summary well back to production.
give subsurface locations and measured and true vertical depths Marathon Oil Company requests to return t	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* The Pictured Cliffs back to product and the procedure to return the way. MAR - 4	(Note: Report results of multiple completion on Wel Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally dril starting any proposed work is the summary well back to production.
Marathon Oil Company requests to return to of work performed to find the casing leak	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* The Pictured Cliffs back to product and the procedure to return the way. MAR - 4	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally drill contain the summary well back to production.
give subsurface locations and measured and true vertical depths Marathon Oil Company requests to return t	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* The Pictured Cliffs back to product and the procedure to return the way. MAR - 4	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally drill contain the summary well back to production.
Marathon 011 Company requests to return to of work performed to find the casing leak 14. I hereby certify that the foregoing is true and correct Signed Thereby Lawrence in the case of	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* The Pictured Cliffs back to product and the procedure to return the way and the procedure to return the way. MAR - 4 1	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally drill clon. Attached is the summary well back to production.
Marathon Oil Company requests to return to of work performed to find the casing leak 14. I hereby certify that the foregoing is true and correct	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* The Pictured Cliffs back to product and the procedure to return the way and the procedure to return the way. MAR - 4 1	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally drill clon. Attached is the summary well back to production. Date 2/24/98 MAR - 2 1938
Marathon Oil Company requests to return to of work performed to find the casing leak 14. I hereby certify that the foregoing is true and correct Signed Thereby Krane (This space for Federal or State office use)	details, and give pertinent dates, including estimated date of for all markers and zones pertinent to this work.)* Title Production Engineer	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) of starting any proposed work. If well is directionally drill clon. Attached is the summary well back to production.

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.

Schwerdtfeger Well No. 12 San Juan County, NM UL "K", Sec 16 T-27-N, R-11-W 1650 FSL, 1650 FWL

Subsequent

MIRU PU. ND wellhead and NU BOP equipment.

Pick up and TIH with 5 1/2" casing scraper to top of CIBP. POOH.

TIH with packer. Set packer and test CIBP, tested OK. Tested annulus, leaked.

POOH testing. Found leak at approximately 250'. Finish POOH, laying down.

ND BOP equipment and NU wellhead. RDMO PU.

Intent

- 1. Evaluate for re-completion of Pictured Cliffs. Lack of manpower has slowed this process.
- 2. AFE WIO to fix casing leak and return PC to production. (30 days for WIO reply)
- 3. MIRU PU. ND wellhead and NU BOP equipment.
- 4. PU 2-3/8" tubing and TIH. Cement squeeze leak at 250'. POOH.
- 5. TIH with 4-3/4" bit. Drill out cement and test casing. Drill out CIBP.
- 6. Clean out hole to TD at 2003'. Circulate hole clean. POOH.
- 7. Run and cement 4" flush-joint casing to TD.
- 8. Perforate Pictured Cliffs. Sand frac PC.
- 9. TIH with production tubing and swab well in.
- 10. ND BOP equipment and NU wellhead.
- 11. Swab well in. Turn well to sales. RDMO PU.