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P.O. Box 2409 Hobbs, NM 88240 on runto or will, the port location clearly and to accordance with any State requirements. 1980' FNL 6 1980' FEL PERMIT SO 15 SERVATIONS (Show whether Dr. E. O. C. C.) 16 SERVATIONS (Show whether Dr. E. O. C. C.) 17 SERVET ON ASSAULT AND SOURCE OF A TOTAL OF A STATE CARROL SEC. 24, T20S, R34E 18 Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INSTITUTO YO: THAT WATER BRILLTOFF PRACTICE TRANSPORT BRIDGET OF: PRACTICE TRANSPORT BRI	Marathon Oil Company					AME
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THE WATER SHUT-OFF PRACTIBE TREAT SHOOT OR ACIDIE SHOOT OR ACI	NOTICE OF INTENTION TO:		1			
The Morrow zone from 13,033' - 13,196' proved to be unproductive. On February 25, 1986 a CIBP was set at 12,831'. Two sacks of cement were dumped on top of this plug. Estimated PBTD 12,811'. On February 26, 1986 the Strawn formation from 12,386' - 12,396' was perforated with 4 jet shots per foot (total 40 holes). Then this zone was acidized with 2,000 gallons 7 1/2x NEFE acid using 1000 scf N ₂ /bbl. and 30 ball sealers for divert. This zone is now being tested. **CCEPTED FOR RECORD** **MAR 0 3 1986 **CARLSBAD, NEV. MEXICO** **Increase TREATMENT ALTERING CASING A	TEST WATER SHUT-OFF PULL OR ALTER	I CASING	WATER CHANGE		NI ESPUET OF:	
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Other) Other) Other) Other) Other) Other) Other Completion Operations X (Nors: Report results of multiple completion on Well DESCRIBE PRODUCTION COMPLETE OF REATION (Clearly State all pertinent details, and give pertinent dates, include from 12 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.) The Morrow zone from 13,033' - 13,196' proved to be unproductive. On February 25, 1986 a CIBP was set at 12,831'. Two sacks of cement were dumped on top of this plug. Estimated PBTD 12,811'. On February 26, 1986 the Strawn formation from 12,386' - 12,396' was perforated with 4 jet shots per foot (total 40 holes). Then this zone was acidized with 2,000 gallons 7 1/2% NEFE acid using 1000 scf N2/bbl. and 30 ball sealers for divert. This zone is now being tested. ACCEPTED FOR RECORD MAR 7 1986 CARLSBAD, NEW MEXICO Hobbs, NEW MEXICO Thomas F. Zepatka TITLE Production Engineer DATE 02-28-86			i	i—		· []
The Morrow zone from 13,033' - 13,196' proved to be unproductive. On February 25, 1986 a CIBP was set at 12,831'. Two sacks of cement were dumped on top of this plug. Estimated PBTD 12,811'. On February 26, 1986 the Strawn formation from 12,386' - 12,396' was perforated with 4 jet shots per foot (total 40 holes). Then this zone was acidized with 2,000 gallons 7 1/2% NEFE acid using 1000 scf N ₂ /bbl. and 30 ball sealers for divert. This zone is now being tested. MAR 7 1986 CARLSBAD, NEV. MEXICO I hereby certiff that the foregoing is true and correct thomas F. Zepatka TITLE Production Engineer DATE 02-28-86	L TANGE PLANS		(Other)	Completic	on Operations	
On February 26, 1986 the Strawn formation from 12,386' - 12,396' was perforated with 4 jet shots per foot (total 40 holes). Then this zone was acidized with 2,000 gallons 7 1/2% NEFE acid using 1000 scf N ₂ /bbl. and 30 ball sealers for divert. This zone is now being tested. ACCEPTED FOR RECORD MAR 7 1986 CARLSBAD, NEV. MEXICO Thereby certify that the foregoing is true and correct signed Thomas F. Zepatka TITLE Production Engineer DATE 02-28-86	""" 500 000 40 12 00	I A IWO SHEE	oved to be unp s of cement w	roductive ere dump	e. On Februar	y 25, this
MAR 7 1986 MAR 03 1986 CARLSBAD, NEV. MEXICO Thereby certify that the foregoing is true and correct SIGNED Thomas F. Zapatka TITLE Production Engineer DATE 02-28-86	On February 26, 1986 the Strawith 4 jet shots per foot (2,000 gallons 7 1/2% NEFE as	eawn formation total 40 hol	n from 12,386	- 12,39	6' was perfo	rated
MAR 03 1986 CARLSBAD, NEV. MEXICO HOBBS, NEW MEXICO I hereby certify that the foregoing is true and correct SIGNED	ACCEPTED FOR RECORD			rec	EIVED	
MAR 03 1986 CARLSBAD, NEV. MEXICO HOBBS, NEW MEXICO I hereby certify that the foregoing is true and correct SIGNED	MAR 7 1006	***		· -		
HOBBS, NEW MEXICO I hereby certify that the foregoing is true and correct SIGNED				MAR	0 3 1986	
Thomas F. Zapatka TITLE Production Engineer DATE 02-28-86	CARISBAD, NEW MEXICO			HOBBS,	NEW MEXICO	i
Thomas F. Zapatka Title Floduction Engineer DATE 02-28-86						
(This space for Federal or State office use)		TITLE Pro	duction Engine	er	DATE02-28	-86
	(This space for Federal or State office use)					

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MAR 1086 CARLE

(November 1983) Forperty 9–331) HOBBS, NEW MEXICOUSSA40OF LAND MANAGEMENT	NM-01747
SUNDRY NOTICES AND REPORTS ((Do not use this form for proposals to drill or to deepen or plug to use "APPLICATION FOR PERMIT—" for such p	8. IF INDIAN, ALLOTTEE OR TRIBE NAME OF PROPERTY OF TRIBE NAME OF TRIBE
OIL GAS WELL X OTHER 2. NAME OF OPERATOR	7. UNIT AGREEMENT NAME Lea Unit 8. FARM OR LEASE NAME
Marathon Oil Company 3. ADDRESS OF OPERATOR P. O. Box 2409 Hobbs, NM 88240	Lea Unit 9. Wall NO. 13
4. LOCATION OF WELL (Report location clearly and in accordance with any See also space 17 below.) At surface	Lea (Penn) 10. FIBLD AND POOL, OR WILDCAT Lea (Penn) 11. SBC, T., R., M., OR BLE. AND SURVEY OR AREA
1980 FNL & 1980 FEL 14. PERMIT NO. 15 ELEVATIONS (Show whether DF.	Sec. 24, T20S, R34E RT, GR. etc.) 12. COUNTY OR PARISH 13. STATE
GR 3669', KB	3683' Lea NM
16. Check Appropriate Box To Indicate N NOTICE OF INTENTION TO:	ature of Notice, Report, or Other Data
TEST WATER SHUT-OFF PULL OR ALTER CASING	SUBSEQUENT REPORT OF:
FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
nent to this work.) *	details, and give pertinent dates, including estimated date of starting and one and measured and true vertical depths for all markers and zones pertined.
zone from 13,033' - 13,196'. Release tripped out of the hole with 2 3/8" still left in the hole. Set Baker Mowireline. Hydrotested P-105 2 7/8" tub 12,000 psi. Landed tubing and install	3, 1986 to fracture stimulate the Morrow d Baker Lok-set packer at 12,958' and tubing. Fished and recovered Vann Guns del "F" permanent packer at 12,900' on sing and Baker seal assembly in hole to ed wellhead. Rigged up Halliburton and gallons Pur Gel 40/30% CO ₂ containing atly being tested.
A COMMENTAL COMM	RECEIVED
Swl FEB 20 1986	FEB 1 8 1986
CAPIRAD, NEW LINEMICO	HOBBS, NEW MEXICO
8. I hereby certify that the foregoing is true and correct	
07 07 7 1/	oduction Engineer DATE 02-14-86
(This space for Federal or State office use)	
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:	DATE

WALL CRINKS

Company of \$44.79



November 1983) Fornerly 9-331;	UNITED S DEPARTMET OF BUREAU OF LAND	THE INTERIOR	SUBMIT IN TRIPLICAT. (Other instructions of verse side)	Expires Aug	pau No. 1004-013 gust 31, 1985 FION AND ERRIAL NO
P. C. SUN HOUM had take take	DRY NOTHES AND form for proposals to drill or to Use "APPLICATION FOR PER	REPORTS ON o deepen or plug back	WELLS to a different reservoir.		TTEE OR TRIBE NAME
OIL GAS WELL 2. NAME OF OPERATOR	X OTHER			7. UNIT AGREEMENT Lea Unit 8. FARM OR LEASE	
Marathon Oi 3. ADDRESS OF OPERATOR P.O. Box 24	ng			Lea Unit 9. Wall No.	
4. LOCATION OF WELL (F See also space 17 bel- At surface	Report location clearly and in accow.)	cordance with any Stat	e requirements.*	13 10. FIELD AND POOR Lea (Pen	n)
1980' FNL &		(Show whether DF, RT,	·	Sec. 24.	ሞያ ለፍ ከ ዓለፍ
16.	GR 36	69', KB 3683'		Lea	NM
	Check Appropriate Box ROTICE OF INTENTION TO:	To Indicate Natur	e of Notice, Report, or	Other Data QUENT REPORT OF:	
TEST WATER SHUT-OF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR proposed work. If nent to this work.)*	PULL OR ALTER COMPINED OF ABANDON* CHANGE PLANS COMPLETES OPERATIONS (Clearly well is directionally drilled, giv	те —	FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) Completio (Note: Report result Completion or Recompletion or Recompletion and give pertinent dates and measured and true vertiness.	ts of multiple completio	CASING MENT* On on Well
Used 114 ba hole with 1	30, 1985 the Morrons 7 1/2% Modified 11 sealers for diversity of the pressure 1986 to evaluate the	Morrow Flo acert. Swabbed week to bombs for	id containing 500 well until Januar a 7 dav build-ur	scf/bbl. of N y 7, 1986. Ra	litrogen.
	ADCEPTED FOR RECO SwQ JAN 2 1 1986	ORO			
ę́	CARPORAD, NEW LOUX	ICO			
ω_{II}	ne foregoing is true and correct				
SIGNEDThom (This space for Federa		TITLE Produc	tion Engineer	DATE01-	-13-86
APPROVED BYCONDITIONS OF APP		TITLE		DATE	

JAN 24 1986

hormerly 9=331)	PARTMENT OF THE INTER	ORIGINAL OF THE PROPERTY OF TH	Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO.		
SUNDRY	BUREAU OF _AND MANAGEMEN NOTICES AND REPORTS		NM-01747 6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
· Do not use this form !	for proposals to drill or to deepen or plug "APPLICATION FOR PERMIT -" for such p	back to a different reservoir			
OIL GAS K	OTHER		7. UNIT AGREEMENT NAME		
2. NAME OF OPERATOR	Lea Unit 8. FARM OR LEASE NAME				
Marathon Oil Compa	ny		Lea Unit		
3. ADDRESS OF OPERATOR			9. WBLL NO.		
P. O. Box 2409, Ho 1. LOCATION OF WELL (Report See also space 17 below.) At surface	bbs, New Mexico, 88240 location clearly and in accordance with any	State requirements.*	13 10. FIELD AND POOL, OR WILDCAT		
1980' FNL & 1980'	FEL		Lea (Penn) 11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA		
14. PERMIT NO.	15 ELEVATIONS (Show whether DE	, RT, GR. etc.)	Section 24, T20S, R34		
	GR 3669', KB 3683		Lea NM		
16. Cl	neck Appropriate Box To Indicate N		· 		
	of intention to:	1			
٠. ٢	ــا ب	SUBSI	QUENT ESPOST OF:		
FRACTURE TREAT	MULTIPLE COMPLETE	WATER SHUT-OFF	REPAIRING WELL		
SHOOT OR ACIDIZE	ABANDON®	FRACTUBE TREATMENT SHOOTING OR ACIDIZING	ALTEBING CASING		
REPAIR WELL	CHANGE PLANS	(Other) Completion	ABANDONMENT [®] Derations X		
(Other)	ETED OPERATIONS (Clearly state all pertinens directionally drilled, give subsurface locat	Note: Report resul	ts of multiple completion on Well		
of cement at 6070'	on unit on December 3, 19,410' - 12,100' and a GR-C. Rigged down completion	BL-CCL from 13,410' unit.	- 6000'. Estimated top		
December 20. drop	ran in hole with Vann Gur g in hole to 5000 psi. ped bar and perforated t 13,182' - 196' with 4 JSP	Set Baker-Lokset p	packer at 12,955'. On		
ACCEPTED SO	N 050000				
ACCEPTED FO					
Aus	<u>/</u>				
JAN 2	1986				
CARICDAD NE	EXICO				
	-		The Market of		
8. I hereby certify that the fore	119		·		
SIGNED Thomas F. Za	patka/ Men To GITLE Proc	luction Engineer	DATE December 26, 1985		
(This space for Federal or Si	ate office use)				
APPROVED BY	TITLE		DATE		
CONDITIONS OF APPROVA	L, IF ANY:				

DIST. NRD, CGS, CRN, PHI

JAN 6-1986