	GEOLOGICAL SURVE	Y	New Mexico 06953
SUNDRY	Y NOTICES AND REPOR	TS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE N.
(Do not use this form Use	for proposals to drill or to deepen or "APPLICATION FOR PERMIT-" for	plug back to a different reservoir. such proposals.)	
		197 - 19 - 197 - 19 - 19 - 19 - 19 - 19	7. UNIT AGREEMENT NAME
WELL WELL	OTHER		8. FARM OR LEASE NAME
John H. Tr	igg		Pederal "CJ"
3. ADDRESS OF OPERATOR P. O. BOX	520, Roswell, New Mexic	:0	1-35
4. LOCATION OF WELL (Report See also space 17 below.)	t location clearly and in accordance wit	h any State requirements.*	10. FIELD AND POOL, OR WILDCAT
At surface 1650	From North and West Lin	nes, Section 35	11. STC., T., B., M., OR RLK. AND SURVEY OR AREA
			Sec. 35, T215, B23E.
14. PERMIT NO.	15. ELEVATIONS (Show when	ther DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
	3961.0		Eddy New Nex
16. C	Check Appropriate Box To Indic		-
NOTIC	E OF INTENTION TO:	ı Ì í	EQUENT REPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	ALTERING CASING
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT SHOOTING OR ACIDIZING	ABANDONMENT
SHOOT OR ACIDIZE	ABANDON*	(Other) Surface	
REPAIR WELL	CHANGE PLANS	(Norma Banart resu	the of multiple completion on Well
(Other)	is directionally drilled, give subsurface Ran 128 feet Spiralweld. sacks of Inco Flocele per a	of 13 3/8 inch 0.D., 8 Set at 125 feet K.B. (or with 27 Celcium Chler	Comented with 250 ride and 1/4 Lb.
(Other) 17. DESCRIBE PROPOSED OR COM proposed work. If well nent to this work.) *	is directionally drilled, give subsurface Ran 128 feet Spiralweld. sacks of Inco	of 13 3/8 inch 0.D., 8 Set at 125 feet K.B. (or with 27 Celcium Chlor	npletion Report and Log form.) es, including estimated date of starting tical depths for all markers and zones p round, 48 Lb. Comented with 250 ride and 1/4 Lb.
(Other) 17. pFSCRIBE PROPOSED OR COM proposed work. If well nent to this work.)* March 10, 1964	is directionally drilled, give subsurface Ran 128 feet Spiralweld. sacks of Inco Flocele per 1 3:00 a.m.	of 13 3/8 inch 0.D., 8 Set at 125 feet K.B. (or with 27 Celcium Chlor	npletion Report and Log form.) es, including estimated date of starting tical depths for all markers and zones p round, 48 Lb. Comented with 250 ride and 1/4 Lb.
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(Other) 17. DESCRIBE PROPOSED OR COM proposed work. If well nent to this work.)* March 10, 1964	ECEIVED ECEIVED	of 13 3/8 inch 0.D., 8 Set at 125 feet K.B. (or with 27 Celcium Chlor	npletion Report and Log form.) es, including estimated date of starting tical depths for all markers and zones p round, 48 Lb. Comented with 250 ride and 1/4 Lb.
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(Other) 17. DESCRIBE PROPOSED OR COM proposed work. If well nent to this work.)* March 10, 1964	ECEIVED ECEIVED	of 13 3/8 inch 0.D., 8 Set at 125 feet K.B. (or with 27 Celcium Chlor	npletion Report and Log form.) es, including estimated date of starting tical depths for all markers and zones p round, 48 Lb. Comented with 250 ride and 1/4 Lb.
(Other) 17. DESCRIBE PROPOSED OR COM proposed work. If well nent to this work.)* March 10, 1964	ECEIVED ECEIVED	of 13 3/8 inch 0.D., 8 Set at 125 feet K.B. (or with 27 Celcium Chlor	npletion Report and Log form.) es, including estimated date of starting tical depths for all markers and zones p round, 48 Lb. Comented with 250 ride and 1/4 Lb.
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(Other) 17. DESCRIBE PROPOSED OR COM proposed work. If well nent to this work.)* March 10, 1964	ECEIVED ECEIVED	Conjection or Record priment details, and give pertiment data the locations and measured and true ver of 13 3/8 inch O.D., 8 Set at 125 feet K.B. (or with 27 Celcium Chlor pack. Comment circulated	npletion Report and Log form.) es, including estimated date of starting tical depths for all markers and zones p round, 48 Lb. Comented with 250 ride and 1/4 Lb.
(Other) 17. pESCRIBE PROPOSED OR COM proposed work. If well nent to this work.)* March 10, 1964 R	Integoine is true and correct Ran 128 feet Spiralweld. Sacks of Ince Flocele per 1 3:00 a.m. Integrity of true and correct Satrington for true and correct Title Title Title Title Title	Completion or Record priment details, and give pertiment data the locations and measured and true vor of 13 3/8 inch O.D., 8 Set at 125 feet K.B. (pr with 27 Celcium Chlor pack. Cement circulated	npletion Report and Log form.) es, including estimated date of starting tical depths for all markers and zones i round, 48 Lb. Comented with 250 ride and 1/4 Lb. d. Plug down at DATE March 12, 1
(Other) 17. DESCRIBE PROPOSED OR COM proposed work. If well nent to this work.)* March 10, 1964 18. I hereby certify fit the SIGNED (Thi space for Federal of A DEP OVED	ECEIVED MAR 18 1964 MAR 18 1964 MAR 18 1964 MAR 18 1964 MAR 18 1964 MAR 18 1964 Toregoing to true and correct Marresta. Difference Marresta. Title	Completion or Record priment details, and give pertiment data the locations and measured and true vor of 13 3/8 inch O.D., 8 Set at 125 feet K.B. (pr with 27 Celcium Chlor pack. Cement circulated	npletion Report and Log form.) es, including estimated date of starting tical depths for all markers and zones round, 48 Lb. Comented with 250 ride end 1/4 Lb. d. Plug form at

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Fed-eral and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions. Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and hottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well sine well; and date well size or date well; and date well size or date well; and date well size or attributed for fluid or final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE : 1963-O-685229



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۰. – Form 3160-5	D STATES	FORM APPROVED OMB NO. 1004-0135
	OF THE INTERIOR	Expires: November 30, 2000
	ND MANAGEMENT	5. Lease Serial No.
	AND REPORTS ON WELLS	NM06953 6. If Indian, Allottee or Tribe Name
Do not use this form for abandoned well. Use For	proposals to drill or to re-enter an n 3160-3 (APD) for such proposals.	6. If indian, Anotee of The Ivane
SUBMIT IN TRIPLICATE -	Other instructions on the set of	7. If Unit or CA/Agreement, Name and/or No
1. Type of Well	IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIII	8. Well Name and No.
2. Name of Operator	E CONFORT	
Marathon Oil Company	LL OCO AECEIVED	9. API Well No.
3a. Address	3b. Phone Mr. (include area code)	30-015-10403
P.O. Box 552, Midland, TX 79702 4. Location of Well (Footage, Sec., T., R., M., or Survey I	915-682-1626	10. Field and Pool, or Exploratory Area Indian Basin Upper Penn Gas
4. Location of well (<i>Poolage</i> , sec., 1., K., M., or Survey P UL "F", 1650' FNL & 1650' FWL	Description)	Pool
Section 35, T-21-S, R-23-E		11. County or Parish, State
		Eddy NM
12. CHECK APPROPRIATE	BOX(ES) TO INDICATE NATURE OF NOTICE, RE	PORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTIO	N
Notice of Intent	Alter Casing Fracture Treat Reclam	
Final Abandonment Notice	Change Plans Plug and Abandon Tempor Convert to Injection Plug Back Water I	rarily Abandon <u>and acidize</u>
If the proposal is to deepen directionally or recomp Attach the Bond under which the work will be per following completion of the involved operations. testing has been completed. Final Abandonment determined that the final site is ready for final insp	y state all pertinent details, including estimated starting date of any olete horizontally, give subsurface locations and measured and true fformed or provide the Bond No. on file with BLM/BIA. Require If the operation results in a multiple completion or recompletion in Notices shall be filed only after all requirements, including reclam ection.)	d subsequent reports shall be filed within 30 days a new interval, a Form 3160-4 shall be filed once lation, have been completed, and the operator has
Work commenced 5/6/00. MIRU PU. pump. PU 4-1/2" RBP & RIH to 800 w/4" port plug guns & GR tool. F w/PPI packers to 7542'. RU Hall CCA sour acid to PPI tool. PUH to 5300 gals. of 15% CCA sour acid. rate - 2.8 BPM. Fished valves & recovering 82 bbls fluid. Release fluid. Released packer & POOH LA sub pump. RIH, latch on to RBP a ACCEPTED FOR RECORD	RU reverse unit & kill well. ND wellhead 09'. Set RBP, load & test to 500 psi. POO- Perf from 7486'-7530' w/4 jspf @ 120 degree iburton, pickled tbg w/500 gals. 28% HCl act creating perfs from 7530'-7486' in 2' increm Max press - 3688 psi, Min press - 2600 psi RD Halliburton. SITP - 125 psig, SICP 20 s sed packer & PUH to 7308' & set. Made 7 swa /D tools. PU RBP & RIH. Set RBP, load & te and continue RIH w/tbg. & set bottom of RBP ND BOP & NU wellhead. Turned well over to	w/tbg, RU wireline and RIH phasing. RD wireline & RIH id. Dropped FCV & spotted 15% ments w/100 gpf for a total of i, Avg press - 2918 psi. Avg. spig. Made 13 swab runs ab runs recovering 42 bbls est to 500 psi. PU & assemble est to 500 psi. PU & assemble
14. 1 hereby certify that the foregoing is true and correct Name (Printed Type)	Karke Engineer Techni	cian
Ginny Larke Kunny		
	Date 6/2/00	
ТН	S SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval certify that the applicant holds legal or equitable title t which would entitle the applicant to conduct operations	o those rights in the subject lease	t
Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Secti States any false, fictitious or fraudulent statements or re	on 1212, makes it a crime for any person knowingly and willfully to	o make to any department or agency of the United

			N.M. OIL	CONS. DIVIS	510N	CIST
			311 S. 1st	Str	04	
Form 3160-5	UNIT	ED STATES	Artesia, NA	A 88210-28	54 FORM Budget Bure	APPROVED au No. 1004-0135
(November 1994)	DEPARTMEN	OF THE INTER	RIOR			ovember 30 2000
		AND MANAGEN			5. Lease Serial No.	
	SUNDRY NOTICES					- 06953
	Do not use this form for abandoned well. Use Fon	proposals to drill or to re n 3160-3 (APD) for suc	ə-enter an h proposals.		6. If Indian, Allotter	
	SUBMIT IN TRIPLICATE	Other instructions on r	everse side 1112 73 7	416	7. If Unit or CA/Ag	reement, Name and/or No.
1. Type of Well Oil X Gas Well Well	Other		19 0 0 to	10 11 10	8. Well Name and N Federal C 35	
2. Name of Operator Marathon Oil Con	many			192	9. API Well No.	<u>/</u>
3a. Address			3b. Phone No. Unclude are	a second s	30-015-10403	
P.O. Box 552, M	idland, TX 79702 Sec., T., R., M., or Survey Descriptic		915-682-1626	<u></u>	10. Field and Pool, Indian Basin	
UL "F", 1650' F			08 2120292	T	Gas_Pool	
Sec 35, T-21-S,					11. County or Paris	
					Eddy Coul	
12.	CHECK APPROPRIA	TE BOX(ES) TO INI		YPE OF ACTION		
TYPE OF \$	SUBMISSION					
Notice of	f Intent	X Acidize	Deepen	Production	n (Start/Resume)	Water Shut-Off
		Alter Casing	Fracture Treat	Reclamati		Well Integrity
X Subseque	ent Report	Casing Repair	New Construction	n Recomple	ete X	Other <u>ADD PAY AND</u>
Final Ab	andonment Notice	Change Plans	Plug and Abandor	n 🗌 Temporar	ily Abandon S	TIMULATE
		Convert to Injection	on Plug Back	Water Dis	sposal	
If the proposal is to Attach the Bond um following completion testing has been con determined that the fi 3/23/00 Run p w/tbg. Perf tbg. Set RBP gelled water 5352 psi, max 3-1/2" tbg. & recovered 1 RTTS packer, 0.2575 backer,	r Coommpleted Operation (clear deepen directionally or recomp der which the work will be per n of the involved operations. If mpleted. Final Abandonment N inal site is ready for final inspection ressure gradient, MI from 7383'-7460' w/4 @ 7600', PU & set R as pad and 13,500 ga (rate 38.7 bpm, avg. Changed out rams to .45 bbls water. SDFN went down & latched led and tested. ND E sub pump, made final	the operation results in otices shall be filed only n) RU PU. Set XN 1 " guns @ 4 jspf TTS @ 7350', lo ls. CSA sour ac rate 27 bpm. 2-7/8" & RIH w/ Made 28 run onto RBP, relea	iond No. on file with BL a multiple completion or y after all requirements, plug @ 8246' & te . RIH w/7" RBP v ad & test. RU Ha id in 6 stages. SI & RD Hallibur RTTS pkr to 7292 recovering 155 b sed & started ou d. NU BOP, POOH	M/BIA. Required so recompletion in a n including reclamatic ested. ND we w/ball catche alliburton & Max pressure ton. Release '& set. RD bls water. R t of hole. S w/ packer, R	ubsequent reports sha new interval, a Form on, have been compl linead and NU r & RTTS pack acid frac on r 7372 psi, av r 7372 psi, av d RTTS packer PU & RU swab. D swab & RU P Set RBP @ 2600 RIH w/overshot	all be filed within 30 days 3160-4 shall be filed once eted, and the operator has BOP. POOH er on 3-1/2" new perfs using g. pressure & POOH L/D Made 26 runs U. Released I', RTTS packer & POOH & L/D
 I hereby certify that the f Name (Printed/Typed) 	foregoing is true and correct	PI	Title	to to be reaching a special		
Ginny Lar	ke Sterry	Laike		<u>ineer Technic</u>	ian	
	V		Date 4/6/0			
	THI	S SPACE FOR FE	DERAL OR STATE		Date	
Approved by						
certify that the applicant which would entitle the appl	f any, are attached. Approval of holds legal or equitable title to icant to conduct operations thereon.	b those rights in the su	bject icase			
Title 18 U.S.C. Section	1001, makes it a crime for an	y person knowingly and thin its jurisdiction.	willfully to make to any	y department or age	ency of the United S	states any false, fictitious or

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20020 TEMSOU PREMETERSON

	DEPAR' N' BUREAU OF L. SUNDRY NOTICES A Do not use this form for abandoned well. Use Forn SUBMIT IN TRIPLICATE Other npany idland, TX 79702 Sec. T. R. M. or Survey Description L & 1650' FWL	proposals to drill or to re-er m 3160-3 (APD) for such pr - Other instructions on reve - 3b. 915	NT WELLS, oposals.	rode)	Budget Expi 5. Lease Seria 6. If Indian, Al 7. If Unit or C 8. Well Name FEDERAL C 9. API Well N 30-015-10- 10. Field and F	NM 06953 Ilottee or Tribe Name A/Agreement, Name and or No. and No. 35 #1 40. 403 Pool, or Exploratory Area SIN UPPER PENN GAS Parish, State
12.	CHECK APPROPRIA	TE BOX(ES) TO INDIC.	ATE NATURE OF N	OTICE, REPORT		
TYPE OF S	SUBMISSION		TY	PE OF ACTION		
Final Abi Final Abi Describe Proposed on If the proposal is to Attach the Bond unc following completion testing has been con determined that the fin In reference The production Marathon's In- at the tailga location. Pr condensate/wa located at th metered and s	f Intent ent Report andonment Notice r Coommpleted Operation (clear deepen directionally or recompl ther which the work will be pert in of the involved operations. If mpleted. Final Abandonment Ne nal site is ready for final inspectio to Notice of Inciden n from this well goe dian Basin Gas Plant te of the plant. The oduction volumes are ter interface. These e Indian Basin Gas P old through a LACT U ls. A drawing is at	ete horizontally, give subsur formed or provide the Bond the operation results in a m otices shall be filed only af in.) s into a 2-phase s via pipeline. Af e liquid hydrocarb determined by gau e liquids are then lant, by truck. A nit. The water is	no on file with BLMU ultiple completion or re- ter all requirements, inc e #99-DW-132 eparator. The ter processing, on production a ging the tank a taken to the s fter further se disposed of in	Reclamation Recomplet Temporaril Water Disp water Disp water Disp water Disp BLA. Required stul completion in a ne cluding reclamation gas is meter the gas and mater are ind water are ind "color cu torage and me paration, the various sal	e y Abandon posal posal posed work and isequent reports w interval, a Fo have been co red and tra NGLs are e sent to a itting" for measurement he liquid h t water d	ansported to metered and sold a storage tank on r the t facility, hydrocarbons are isposal wells per
14. I hereby certify that the for Name (Printed Typed)		Lach	Title	oon Tochnici		
<u> </u>	e Anne	1 Marta	Date 1/8/99	eer Technici	0/1	<u></u>
		S SPACE FOR FEDER		FICEUSE		<u></u>
Conditions of approval, if certify that the applicant 1 which would entitle the applic	AIG, SGD.) ALEXIS C. S any, are attached. Approval of holds legal or equitable title to cant to conduct operations thereon.	WOBODA f this notice does not warra those rights in the subject	PETROLEU nt or lease Office	MENGINE		Date JAN La States any false, fictitious or
Title 18 U.S.C. Section I fraudulent statements or rej (Instructions on reverse)	1001, makes it a crime for any presentations as to any matter wit	person knowingly and will hin its jurisdiction.	iuny to make to any d	ерагинени от адени		States any mise, neurous of



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BURCA OF CANDY MARADEMUNITY SUNDRY NOTCES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Las "APPLICATION FOR FERMIT - for such proposals SUBMIT IN TRIPLICATE 1 If Indian. Allate or Tribs Num One of Use this form for proposals to drill or to deepen or reentry to a different reservoir. Las "APPLICATION FOR FERMIT - for such proposals If Indian. Allate or Tribs Num One of CALA Agreement Designation Use of Vall One of CALA Agreement Designation	Form 3160-5 (June 1990)	UNITED DEPARTMENT O	STATES	Budget Bureau No. 1004-0135 U
SUNDRY NOTICES AND REPORTS ON WELLS IMP2004 Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. De "Internet Allotte or This Name Use "APPLICATION FOR PERMIT =" for such proposals I for or A presence Designation SUBMIT IN TRIFLICATE I well by well Submit IN TRIFLICATE I well well State and Theorematic A spresence Designation Note of Version New of Version 9. API Well No. States and Theorematic Note 915/687-8449 UL "F" (Well #1) and UL "H" (Well #2), SECTION 35. T-21-S. R-23-E 10. Field and Pool or exploratory Area Lactuat of Will Kiness, ski, T. A. M. of Survey Descriptions: II. Convey of Facility, State UL "F" (Well #1) and UL "H" (Well #2), SECTION 35. T-21-S. R-23-E 11. Convey of Facility, State II. Convey of Facility, State EDOV MM II. Convey of Facility, State II. Convey of Facility, State II. Convey of Facility, State Convey of Facility, State II. Convey of Well Mole of Inset III. Convey of Facility, State Convey of Facility, State III. Convey of Facility, State Convey of Facility, State III. Convey of Facility, State Convey of Facility, State III. Convey of Facility, State Convey of Facility, Stat	χ γ	BUREAU OF LAN	U MANAGEMEN PART	
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 7. If Unit to CA. Agreement Designation SUBMIT IN TRIPLICATE 1. The of Well 2. If Unit to CA. Agreement Designation			1 1 1 1 4 0 0 4	14100333
SUBMIT IN TRIPLICATE 1 Tree of Well 2: New of Operator Marchton Oil Company 3: Advent of Operator P.O. Box 552 Midland. TX. M. of Subrey Operators 4: Location of Windows, No. 7 P.O. Box 552 Midland. TX. M. of Subrey Operators 0: Tree of Well #1) and UL "M" (Well #2). SECTION 35. T-21-S. R-23-E 1: COMPARIATE BOX(S) TO INDICATE NATURE OF NOTICE. REPORT. ON THER DATA 1: CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE. REPORT ON THER DATA 1: CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE. REPORT ON THER DATA 1: CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE. REPORT ON THER DATA 1: Check appropriate Report 1: Subsequent Report 1: Field Abadomment Notes 2: Subsequent Report 1: Subsequent Report 1: Dettable Proposition on the Company of Press 1: Dettable Proposition and material definition of all institute at large pressed and company of Press 1: Dettable Proposition and material definition and the Institute at large pressed of Company and Checker and material definition and locations of all institutes at large pressed and company and checker at large pressed at the strengt at large pressed at the streng pressed at the strengt at large pressed				
Image: Section and network of Federal Case Weil Name and Pro- Part of Operators Image: Section and Section Section and December of Section Section and December of Section Section and December of Section Sectin Section Section Sectin Section Section Sectin Section Section S		SUBMIT IN	TRIPLICATE	7. If Unit or CA, Agreement Designation
Marathon 011 Company 9. API Well No. 3 Address will fedgemen No. 915/687-8449 4 Lexteen of Well (Forage, Sec. T. R. M., or survey Description) 10. Find and Pool, or exploratory Area 4 Lexteen of Well (Forage, Sec. T. R. M., or survey Description) 11. Councy of Marin, State 9. D. Box CEX APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA 12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA 13 TYPE OF SUBMISSION 14 Notice of Inser. 15 Subsequent Report 16 Final Abandonment 17 Subsequent Report 18 Subsequent Completed Operations (Charty and all entitient deal), including strained and the fracting Water Share of the strained and provide the strained and provide strained and provide the strained and provide strained and the strained and the strained and provide strained and provide strained and the strained and the strained and provide strained and the strained and provide strained and provide strained and the strained and provide strained and the strained and provide strained and the strained and provide strained and provide strained and the strained and provide strained and the strained and provide strained and the strained and provide strained strained strained and provide strained and the strained strained	Oil Gas Well Well	X _{Other}		
		mpany		9. API Well No.
Location of Well (Process), Sec. T. R. M., or Survey Description UL "F" (Well #1) and UL "N" (Well #2), SECTION 35, T-21-S, R-23-E II. County or Purish, State EDDY NH CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Abundonment Noice Of Inten Recomplation Subsequent Report Final Abundonment Noice Description Description Description Description Description Completed Oversuons (Cherty ass all pertinent details, and give pertinent data, including attimuted data of manuae and maximum terms Recomplation Description Description Completed Oversuons (Cherty ass all pertinent data), and give pertinent data, including attimuted data of manuae and maximum terms Recomplation Description Descripti	3. Address and Telephone N	0.		
UL "F" (We11 #1) and UL "H" (We11 #2), SECTION 35. T-21-S. R-23-E II. Counsy of Perith, State II. Counsy of Perith, State EDDY NH	P.O. Box 552 M	idland, TX 79702		10. Field and Pool, or exploratory Area
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12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION Image: Submission in the submissis in the submissis submission in the submi				11. County or Parish, State
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Final Abandonment Notice Abtring Caing Other	X Subsequ	ent Report	Plugging Back	Non-Routine Fracturing
Other	Final A	bandonment Notice		
Comparison or Recompleted Operations (Clearly state all pertinent details, and give pertinent datas, including estimated date of staring any proposed work. If well is directionally drills give substrise locations and measured and true vertical depths for all markers and zones pertinent datas, including estimated date of staring any proposed work. If well is directionally drills MARATHON OIL COMPANY, in accordance with 43 CFR PART 3160 ONSHORE OIL AND GAS OPERATIONS; FEDERAL AND INDIAN OIL GAS LEASES; ONSHORE OIL AND GAS ORDER NO. 7, is notifying the BLM of the installation and locations of 2 sumps on the Federal C 35 lease. These sumps are double walled construction with inspection ports for leak detection, secondary containment, and are constructed in compliance with ONSHORE ORDER NO. 7, SECTION 3E. These sumps have been installed to catch compressor drain run-off and/or dehydrator condensation. NOV 1997 RECEIVED OCD - ARTESIA NOV 1997 This spece for Federal of State office use) This spece for Federal of State office use) Approved by Title	L			Dispose Water
Byte rubsurface locations and measured and the vertical depines to an interest the base perimeter of an intere				Completion or Recompletion Report and Log form.)
RECEIVED OCD - ARTESIA C	give subsurface loc MARATHON OIL CO INDIAN OIL GAS locations of 2 inspection port ONSHORE ORDER N	MPANY, in accordance with LEASES: ONSHORE OIL AND sumps on the Federal C s for leak detection, s 0. 7, SECTION 3E. These	th 43 CFR PART 3160 ONSHORE OIL AND GAS GAS ORDER NO. 7. is notifying the BLM o 35 lease. These sumps are double walled secondary containment, and are constructe	OPERATIONS: FEDERAL AND f the installation and construction with d in compliance with
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14. I hereby certify that the foregoing is true ind correct Signed Signed Itile Engineer Technician Oate 10/21/97 (This space for Federal of State office use) Title Approved by				,
14. I hereby certify that the foregoing is true ind correct Signed Signed Iteration Date 10/21/97 (This space for Federal of State office use) Approved by				
Signed Approved by Title Engineer Technician Date 10/21/97			OPIG S2000	
Approved by Title Title Date	21	e foregoing is true and correct ny Aarke	Title Engineer Technician	Date 10/21/97
	(This space for Federal	o State office use)		
Conditions of approval, if any:	Approved by		Title	Date
	Conditions of approval	l, 11 any:		

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.

District I PO Box 1980, Hob District II SLES, 1st Street, A District III 1000 Rio Brazos Ro District IV PO Box 2088, Sant L.	111esia, NM - 88 1., Aztec, NM 11. e. NM - 875	3210-2834 87410 504-2088	OI	L CONS P Santa	& Natura SERVA .O. Bo Fe, NM	ATION x 2088 4 87504	s Department				Form C- ed February 10, 1 Instructions on b opriate District Of 5 Cop MENDED REPO RT	994 back fice pics
<u>l.</u>	K	<u> </u>	rator name an							GRID Numbe		
Marathon (P.O. Box (bany								01402 ason for Filing		
Midland,		79702								RC		
	API Number					Pool Na					⁶ Pool Code	
) <u>15 - 1040</u> орепу Code	3		In		asin / Property N	Upper Pe	nn		.,	79040 Well Number	
	16957				Fec	deral "	C" 35				1	
II.	Surface	Location		· · · · · · · · · · · · · · · · · · ·						East/West h		
UL or lot no. F	Section 35	Township 21S	Range 23E	Lot. Idn		rom the 1650	North/South L	ine Feet	from the	West	ne County Eddy	
:	<u> </u>	Hole Lo	·	- <u> </u>								
UL or lot no.	Section	Township	Range	Lot. ldn	Feet f	from the	North/South L	Line Feet	from the	East/West li	ine County	
¹² Lse Code F		ng Method Co -10W		Connection D /20/97	Datc 15	C-129 Per	mit Number	ⁱ⁶ C-1	29 Effective	Date 17	C-129 Expiration Da	te
III. Oil ar						10 000			DC	D ULSTR Lo		
¹⁸ Transporter OGRID			ansporter Nam nd Address	1C	 -	20 POD	21 O	//G	r0	and Description		
01403			il Compa	iny		1952	37.20 0	β.F,	Sec. 3	5, 21S,	23E	
		O. Box esia, N		- 1324								
01403		athon 0		9589	10	2306	772 0) F	Sec 35,	215 238	-	
		Box 132 esia, N		L-1324						5. s	·	
									• •			
IV. Produ	iced Wa	ter										
1958	95.	195 F. Se	89 <i>50.</i> c. 35, 2	21S. 23E		4 POD ULS	STR Location an	d Descript	ion			
V. Well		on Data	6 Ready Date			²⁷ TD		²⁸ PB	TD		29 Perforations	7
the second se	3/97		2/19/97			10778'	³² Depth		200.	13 5 90	8350 - 64	
	Hole Sie			ng & Tubing				<u> </u>		Part	T 0-2	\neg
NO Change	e See Ur	nginai	Compi	etion R	eport					H-5-	97	
					<u>.</u>			<u>-</u>		tand	41 Pann	
				2 7/8"			824	8		PXAC	Moirow	
VI. Well		35 Gas Deliv	very Date	³⁶ Test	Date	37	Test Length	38	Thg. Pressi	ire	¹⁹ Csg. Pressure	
2/20/		2/20			0/97		24 hr		1700		Pkr	
40 Choke S		41 Oi		42 W			⁴³ Gas		⁴⁴ AOF		45 Test Method	
64/6		18			2		3167		4.900		Flow	
⁴⁶ I hereby cer complied with the best of my Signature: -	and that the in	nformation gives and belief.	l Conservation ven above is ti	n Division ha rue and comp	ve been biete to	Approve	d by:			N DIVISI(
Printed name	:					Title:	DH	STRICT	II SUPE	VISOR		
Title: Advanced			chnicia	n		Approva	Date:		MAR	27 199	9	
Date: 3/23				15/682-	1626			·			<u> </u>	—
		erator till in t	he OGRID nu			previous ope	rator					
ļ	Pr	evious Operat	tor Signature			Pr	inted Name			Title	Date	
			0									

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-122 Revised 4-1-91

Submit in duplicate to appropriate district office See Rule 401 & Rule 1122

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Marathon					Leas	ie or Unit Name Fé	edera	1 "C"	35	
Marathon Sype Test X Initial Completion Date		 [Special		Test	Date 2-20-	1997	Well No.	1	
	Total Depth			Back TD	Ele	ation		Unit Lur S	Sec TV	VP - Rge 1S,R23E
2-16-1997	 	<u>10115</u>		9200	GL	: 3961		County	35 12	15, KZ 5E
Csg. Size Wt.	d	Set At	Pert	orations:	•	0264	т.р. т.р.	•		
1 1/2 Lin			From		To:	8364	see die die die die die die die die die d	Pool	ldy	
Dog. Size Wt.	d	Set At	Perf	orations:						
2 7/8 6.5	2.441		From	ח:	To:	and a start of the		Indian	Basin	/Upper
Type Well - Single - Bradent	ead - G.G. or G	.O. Multip	le	Packer Set	8248			Formation	PENN	I
Producing Thru Reservou	Temp. •F M	ean Annual	Singl Temp. °F	Baro, Pres	s - P	<u></u>	· · • • • •	Connection		·
Tubing 159@	8350		-		[].					
L H R350 8350	6194	% CO ₂	0	% N ₂	% H ₂ S () Prover		Mar Run 3.068	3	Flance
	LOW DATA				TUBI	NG DATA	(ASING DA	TA	Duration
Prover Orifi		ress.	Diff.	Temp.	Press.	Temp.	Pre	ss. T	emp.	lo
NU. Line X Size Size		s.i.g.	h_	۶F	p.s.i.g.	٩F	p.s.		۴	Flow
SI Side	•				2665		Pac	ker		24
	250 11	6.4	5.3	93	2548	74				$\frac{1}{1}$
		4.6	10.2	80	2461	74				$\frac{1}{1}$
3. 3.068 X 2.		2.8	37.8	58	2085					
4. 3.068 X 2.	250 13	27.4	60.8	60	1680	74				1
5.							<u> </u>			
			RA Pressu	TE OF FLOW		Gravity Factor	5	Compress.	P	te of Flow
NO. (24 HOUR)	h_P_	 1	P		v Temp. ctor FL	Fg.		tor, F pv.		Q, Mcfd
1. 28.78	26.21		129	.6 .9	697	1.271	1	.010		<u>.939</u>
2. 28.78	36.10		127	.8 .9	813	1.271	1	.010		.309
3. 28.78	69.01		126		019		1	.012		.560
4. 28.78	92.46		140	.6.1.0	000		1	.012	3	.422
					i b Bista		N	Α.	••••••	Mcf/bl
5.		r, l	Z	Gas Liquid Hye						
	p. ® R			A D I Canadian	مر النوبية البرمير		N.			1
NO. Pr Tem	p. ° R 53 1	.53	.9805	A.P. L. Gravity				Α	xxx	I
NO. P, Tem		.53 .49	,9798	Specific Gravit	y Separator Gas	i	6194	A.		<u>xxxxx</u> 194
NO. P, Tem 119 5 219 5 319 5	53 <u>1</u> 40 <u>1</u> 18 <u>1</u>	.53 .49 .43	.9798 .9760	Specific Gravit Specific Gravit	y Separator Gas y Flowing Fluid	, I		A.		<u>xxxxx</u> 194
NO. P, Tem 1. 19 5 2. 19 5 3. 19 5 4. 21 5	53 <u>1</u> 40 1	.53 .49	,9798	Specific Gravit	y Separator Gas y Flowing Fluid e	ii	.6194 XXX	A.	.6 67	<u>xxxxxx</u> 194 Ор.s
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Approved By Division	Conducted By: Bruce Elliot Calculated By: Dan Fleeman Checked By:
Apploted by birline	Metering & Testing Metering & Testing
	915-332-5992



METERING & TESTING SERVICE 1410 N. Grant Odessa, Texas 79761 915-332-5992

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Form 3160-4 (July 1992)	DEPAR	UNI. ZD S IMENT OF			SUBME RIOR	rin Đu	PLICA'. (See ot structio reverse	ons on	OM Expire	BNO. s: Feb	PPROVED C 1004-0137 pruary 28, 1995 AND SERIAL NO.
	BURE	EAU OF LAND M		IENT	· ·				<u>NM 0695</u>	3	
WELL COMP	LETION	OR RECO	MPLE	ΓΙΟΝ	時時	MA	NUE	TEN I	6. IF INDIAN, AI	LOTTEI	I OR TRIBE NAME
14. TYPE OF WELL:	OIL WE		DR	۲ 🗆 ر				9	7. UNIT AGREED	AENT N/	AME
	WORK DE		DIFF.	. X 0	ther AP	RO	2 1997		8 FARM OR I	EASE	NAME, WELL NO.
2 NAME OF OPERATOR	OVER L. PN		RESV	<u>R. [22] ~~</u>					Federal (C. "3	5" #
Marathon Oi					OHL (ĊÛ	<u>)</u> ())IV.	9. APLWELL NO 30-015-		13
P.O. Box 5		nd. TX 797	02		915/	6827	1626		10. FIELD AND 1		
4. LOCATION OF WELL	(Report location ci	learly and in accordan	ice with any	State requi	rements)*				Indian Bas		
At surface UL "F" 1650 At top prod. interval r)' FNL & 1 eported below	.650' FWL							OR AREA		BLOCK AND SURVEY
At total depth			14. PERM	IF NO.	<u> </u>	DATE IS	SUED		12. COUNTY OR		13. STATE
									Eddy Co.		N.M.
15 DATE SPUDDED	6. DAFE T.D. REA		COMPL.(Rea	dy to prod.	, <u>1</u> 1 Ц		TIONS (DE, F		JR, ETC.)*	÷	LEV. CASINGHEAD
2/13/97	71/0 21 DLL	<u>2/1</u> <u>д. васк т.d., мd & г</u>	9/97	F MULTIPL	E COMPL.,	GL:	3961 K		4 ROTARY TO	01.5	CABLE TOOLS
20. TOTAL DEPTH, MD & 10,778		200		IOW MANY			DRILL				
24. PRODUCING INTERVA			M, NAME (M	D AND TVD))*	_					. was directional survey made 10
26. TYPE ELECTRIC AND				·····				<u> </u>		27. WA	S WELL CORED
None											
28.					rt all strings s .E SIZE	et in well		MENT CE	MENTING RECOR		AMOUNT PULLED
CASING SIZE/GRADE	See	<u>Origi</u>	nal		letion	Rer	port				
<u>})</u>		LINER RECORD		·			-40.		TUBING REC		
	(OP (MD)	BOTTOM (MD)	SACKS C	EMIENT*	SCREEN	(MD)	size 2 7/8		248))	PACKER SET (MD)
							<u> </u>				
N PERFORATION RECOR 8,350-64	10 (Interval, size a) 6 SPF	hunnestert			12. DEPTH I				RE, CEMENT S		
		MARC	1 1937								
			ac	A				ļ			
şş.•				RODUCT	ION			<u> </u>			
DATE FIRST PRODUCTION 2/19/97	1	NUCTION METHOD (PA	owing, gas lif	t, pumping	- size and typ	e of pun			shu	^{<i>u-in</i>)} P	(Producing or Producing or
DATE OF TEST 2/20/97	HOURS TESTED	CHOKE SIZE 64/64	PROD'	N. FOR ERIOD	01L-BBL.		GAS - МС 3167	F.	.2		gas - oil ratio 170269
LOW. TUBING PRESS. 1700	CASING PRESSUL PKr				GAS 31	мст. 67	1	water - .2	BBL.	01L GE 48	RAVITY - API (CORR.)
34. DISPOSITION OF GAS	(Sold, used for fu	el, vented, etc.)							iest witness John Co		vay
5. LIST OF ATTACHME	NTS										
	toregoing and attached	\mathbf{i}			i all available rec Iv. Eng					3/	23/97
IGNED	maoni	mel							DA	TE	

*(See Instructions and Spaces for Additional Data on Reverse Side)

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 jurisdicton.

					$C[\mathcal{D}]$
Form 3160-5 (June 1990)	DEPARTMEN	ED STATES I OF THE INTERIC AND MANAGEME	R 8113.01		Budget Bureau No. 1004-0135 Expires: March 31, 1993 Re Designation and Serial No.
Do not use this form	SUNDRY NOTICES AND for proposals to drill of e "APPLICATION FOR I	or to deepen or rep	WEGIERN/	ED.	ndian, Allottee or Tribe Name
	SUBMIT	IN TRIPLICATE	APR 0 2 199		Init of CA. Agreement Designation
L is per of Well Dia Well K Gas Well Well L Same of Operator Marathon Oil Co	Dompany	<u>C</u>	IL CON. 1 DIST. 2	Feder Feder	Weil No
Address and Telephone No P.O. Box 552. M Location of Well (Footage 1650° FNL & 16	idland, TX 7970		682/1626	IV. Fie India	15-10403 Id and Pool, or exploratory Area an Basin, U. Penn unty or Parish, State
Sec. 35. T-21-					Eddy Co., N.M.
CHECK A	PPROPRIATE BOX(s) TO INDICATE N	ATURE OF NOTICE	E, REPORT, OF	R OTHER DATA
TYPE OF SU	JBMISSION		TYPE	OF ACTION	
	i Intent ent Report andonment Notice		Abandonment Recompletion Plugging Back Casing Repair Altering Casing Differ <u>RecodmDlet</u>	<u>e to Penn</u>	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.)

VE

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 Co. recently plugged back and recompleted this well as per the work summarized below.

2/13/97: MIRU PU. ND tree. NU BOP. POOH with tbg and pkr. Set CIBP @ 9250'. Dump bailed 50' cement on top of plug. RIH with tubing conveyed perf guns. Set Packer @ 8248'. ND BOP. NU tree. Tested annulus and packer to 500 PSI. Perfed 8350-8364 with 6 shots per foot. Turned well into test facility. RDMO PU 2/20/97.



I horeby certify that the foregoing prime and correct Signed Thomas Management	nite Adv. Eng. Tech.	Date 3/23/97
(This space for Federal or State office use) Approved by Conditions of approval, if any:	Fitle	Date
Table 13 U.S.C. Section 1001, makes it a crime for any person or representations as to any matter within its jurisdiction.	knowingly and willfully to make to any department or agency of	the United States any false, fictutious or fraudulent statements

		TED STAT	E.3		ide)	
	DEPARTME				(de)	Expires: February 28, 1995
	BUREAU OF	LAND MANA	GEME	NT NT	- 15-2834	5. LEASE DESIGNATION AND SERIAL NO. NM 06953
APP	LICATION FOR	PERMIT T	O DF	RILL OR DEEP	EN	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
_		DEEPEN		x Plug	bacK	7. UNIT AGREEMENT NAME
OIL WELL	GAS WELL OTHER		ЭF	SINGLE X MULTI		8. FARM OR LEASE NAME, WELL NO. Federal C 35 1
Marathon Oil Co	ompany	្រ	ר ע)	9. API WELL NO.
•	Midland, TX 79702		М	AR 91 99568216	526	30-015-10403
d surface	port location clearly and in accor			nts.*) CONLDIV	-	Indian Basin, U. Penn 11. SEC., T., R., M., OR BLK.
t proposed prod. zone	NL	\$	י גבנ וטי ו	oon. Div. Dist. 2	,	AND SURVEY OR AREA Sec 35, T215, R23E
DISTANCE IN MILES AN	D DIRECTION FROM NEAREST TO	WN OR POST OFFICE*	· · · · ·	cancall 🖌		12. COUNTY OR PARISH Eddy Co., N.M.
DISTANCE FROM PROPO LOCATION TO NEAREST			16. NO.	OF ACRES IN LEASE		CRES ASSIGNED
PROPERTY OR LEASE LI (Also to nearest drig, un	INE, FT. 3630 nit line, if anv)		64		TO THIS V	640
DISTANCE FROM PROPO TO NEAREST WELL, DR OR APPLIED FOR, ON TH	ILLING, COMPLETED,			POSED DEPTH		or cable tools c over unit
ELEVATIONS (Show wh	nether DF,RT, GR, etc.)	· · · · · ·				22. APPROX. DATE WORK WILL START*
		PROPOSED CASING	G AND C	EMENTING PROGRAM		<u> </u>
				· · · · · · · · · · · · · · · · ·	- <u>r</u>	
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOO	т	SETTING DEPTH		QUANTITY OF CEMENT
o Change Marathon Oil Co	See Original	Complettion		Report	e Upper P	
o Change Marathon Oil Co the procedure of MIRU PU. Kill we wireline set CIB Pick up Vann gi NU tree. Drop I Stimulate as dir	See Original ompany intends to plo outlined below. ell. NU and test BOP P @ 9,250'. Dump be unn tubing conveyed bar to fire guns and 'ected by test result	Complettion ugback and re . Release Pkr ail 50' cement d guns and sta perf 8,350'-8 s. RDMO PU.	ecomp r and l on to art in 3,362' Turn	Report lete this well to th POOH with tubing a pof plug for PBTD hole. Set packer with 6 JSPF. Tur well into productio	nd packed +- 9,200 @ +- 8,25 n well to t m.	enn as per r. Using 0'. ND BOP. est.
Marathon Oil Co the procedure of wireline set CIBI Pick up Vann gu NU tree. Drop I Stimulate as dir ABOVE SPACE DESCR en directionally, give po	See Original ompany intends to plu outlined below. ell. NU and test BOP P @ 9,250'. Dump be unn tubing conveyed bar to fire guns and rected by test result ettinent data on subsurface location may here be a subs	Complettion ugback and re . Release Pkr ail 50' cement d guns and sta perf 8,350'-8 s. RDMO PU.	ecomp r and l on to art in 3,362' Turn	Report lete this well to th POOH with tubing a pof plug for PBTD hole. Set packer with 6 JSPF. Tur well into productio	nd packed +- 9,200 @ +- 8,25 n well to t on. one and propose venter program. 	enn as per r. Using 0'. ND BOP. est.
Marathon Oil Co the procedure of MIRU PU. Kill we wireline set CIBI Pick up Vann gi NU tree. Drop I Stimulate as dir ABOVE SPACE DESCR	See Original ompany intends to plu outlined below. ell. NU and test BOP P @ 9,250'. Dump be unn tubing conveyed bar to fire guns and rected by test result ettinent data on subsurface location may here be a subs	Complettion ugback and re . Release Pkr ail 50' cement d guns and sta perf 8,350'-8 s. RDMO PU.	ecomp r and l on to art in 3,362' Turn	Report lete this well to th POOH with tubing a pof plug for PBTD hole. Set packer with 6 JSPF. Tur well into production data on present production cal depths. Give blowout pre-	nd packed +- 9,200 @ +- 8,25 n well to t on. one and propose venter program. 	enn as per r. Using 0'. ND BOP. est.
ABOVE SPACE DESCR pendirectionally, give po signed procedure of MIRU PU. Kill we wireline set CIBI Pick up Vann gu NU tree. Drop I Stimulate as dir stimulate as dir	See Original ompany intends to plo outlined below. ell. NU and test BOP P @ 9,250'. Dump ba unn tubing conveyed bar to fire guns and rected by test result RIBE PROPOSED PROGRAM: ertinent data on subsurface location may have been been been been been been been be	Complettion ugback and re . Release Pkr ail 50' cement d guns and sta guns and sta s. RDMO PU. If proposal is to dee ons and measured and	ecomp r and l art in 3,362' Turn pen, give true verti	Report lete this well to th POOH with tubing a p of plug for PBTD hole. Set packer of with 6 JSPF. Tur well into production data on present productive zo cal depths. Give blowout pre-	nd packer +- 9,200 @ +- 8,25 n well to t on. one and propose wenter program.	enn as per r. Using 0'. ND BOP. est. d new productive zone. If proposal is to dri if any. DATE <u>3/10/97</u>

District I.
PO Bo. 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Enc., Minerals & Natural Resources Department

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

Form C-102 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

X AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

(1) たまたす し、ためののの

1	API Numbe	er			² Pool	Code				³ Pool Name	•		
30	015104	03			79	040		India	an Basin Upp	er Penn			
4 Property							5 Pr o	perty Nai	me			6	Well Number
1695	57	E	edera	<u>1 C 35</u>									1
7 OGRID	No.						8 Ope	rator Na	me			9	Elevation
0140	21	M	larath	on Oil	Compa	any						(GL: 3961
					•	- 10	Surface	e Locati	on				
UL or lot no.	Section	Τον	wnship	Range	Lot. Id	In	Feet from	n the	North/South Line	Feet from the	East/W	est line/	County
F	35		21S	23E			16	50	North	1650	We	st	Eddy
				¹¹ Bc	ottom H	Iole L	ocation	If Diffe	erent From Surfac	e			
UL or lot no	Section	To	wnship	Range	Lot. Id	İn	Feet fro	m the	North/South Line	Feet from the	East/W	√est line	County
12 Dedicated Acre	s 13 Join	t or Ir	nfill ¹⁴ C	Consolidation	n Code	15 Ord	er No.		, l	I	I		
640		Y											
	VABLE V	<u> </u>	BEAS	SIGNED	то тн		MPLE	ΓΙΟΝ Ι	JNTIL ALL INT	ERESTS HAV	E BEEI	N CON	SOLIDATED
									APPROVED BY				
<u> </u>												FRTIF	ICATION
										I hereby certify	that the	informatio	on contained herein is
										true and complete	e to the	best of my	knowledge and belief.
		1650											•
		2											()
										thom	~ ^ ^	140	Parco
			ша							Signature	100		1100
1650'			#1							Thomas M.	Pri	ce	
										Printed Name	_		
										Advanced	Eng.	lecr	1
										3/21/97			
										Date			
					-					¹⁸ SURVE	YOR	CERTI	FICATION
										I hereby certify th	hat the v	vell locati	on shown on this plat
				Ì						me or under my	supervisio	on, and	ctual surveys made by that the same is true
										and correct to the best	of my belie	ef.	
								_		Date of Survey			
										Signature and Seal of	Professiona	al Surveyer:	
800 \$	F2												
	r h												
	<u>šoo'</u>												
										Certificate Number		· · · · ·	
IL		L			<u> </u>								

District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 S. 1st Street, Artesia, NM 88210-2834 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

C: 97 Form C-10 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office 5 Copies

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

AMENDED REPORT

51

Ι.	P	REQUES	T FOR A	LLOW	ABLE	AND A	UTHO	RIZAT	TION TO T			
			erator name a	nd Address					2	OGRID N		
Marathon C		pany							3.2		4021	
P.O. Box 5 Midland, T		79702							K	eason for I	RC	16
	PI Number	19102				5 Pool Na	me		1			ool Code
20.0	15-1040	13			India	an Basi	n Morr	2014			7	8960
	perty Code	13				Property 1		<u> </u>	<u>.</u>			ll Number
]	16957				Fe	deral '	'C" 35					1
II. 10	Surface	Locatio	n									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet	from the	Nonth/S	outh Line	Feet from the	East/W	est line	County
F	35	215	23E			1650	Nc	orth	1650	We	st	Eddy
		Hole Lo									T	
UL or lot no.	Section	Township	Range	Lot. Idn	Feet	from the	North/S	outh Line	Feet from the	East/W	est line	County
¹² Lse Code		ng Method C		Connection 5 - 15 - 96	Date ¹⁵	C-129 Per	mit Numb	er ¹	⁶ C-129 Effectiv	e Date	¹⁷ C-12	29 Expiration Date
F III O'llon	-L	Flow		5-15-90				l				
III. Oil an		-	ters ansporter Nar	ne		20 POD		21 O/G	22 P	OD ULSTI		n
OGRID			and Address			1958	9 <i>30</i>			and Desc	•	
014035			il Compa	any		2867	71	6	F, Sec.	35, 21	S, 23	E
		0. Box	1324 M 88211	1-1324				34				
			11 00L1	1 1021						· · ·		1 (m ¹) (m ¹) 1
							and the second sec		at 15	- <u>-</u>		
						13.6						
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				~								ENCA:
												P. tTAn
IV. Produ	ced Wa	ter									/	<u>14+0-2</u>
²³ POI					2	4 POD ULS	STR Locat	ion and De	scription		÷	amp Moz
1958	790	F. Se	c. 35, 2	21S, 23I	-							1
V. Well C	Completi	on Data								· ·		
²⁵ Spud I			Ready Date	1		²⁷ TD			²⁸ PBTD			rforations
4-23	-96 Iole Sie		<u>5-9-96</u>	ng & Tubing	Size	10778'	32 F	Depth Set	10019'	3	<u>9288</u> ³ Sacks Ce	<u>- 9416</u>
ļ												
			4	<u>1/2" Li</u>	ner		7610'	- 101	15'		345	SX
				2 7/8"	i =			9192'			•	
VI. Well		a ³⁵ Gas Deli	very Date	³⁶ Tes	t Date	37	Test Leng	th	38 Tbg. Press	ure	39 (Csg. Pressure
- Date New			-				-					-
⁴⁰ Choke Siz		<u>5 - 15</u> ⁴¹ Oi	- 96	/-1 ⁴² W	8-96 ater		24 hr	·	<u> </u>		45 T	pkr Test Method
									1089		-	Flow
20/64		ules of the Oi			55 ave been	r	1089					LIUW
complied with an the best of my ki	nd that the ir	oformation gi						OIL CO	NSERVATI	וע אנ	ISIUN	2
Signature: T	homa		vie			Approved	ьу:	ORIG	INAL SIGNE	D BY T	M W. (GUM
Printed name:						Title:		DIST	RICT II SUPI	ervisoi	R	
Thomas M.						Approval	Date:		111 0 1 10	96		•
Advanced		ering Te							UL 31 19			
Date: 7/24/	/96		Phone: 9	15/682-	1626							
⁴⁷ If this is a c	hange of op	erator fill in t	he OGRID nu	mber and na	me of the p	revious ope	rator					
	Pre	evious Opera	or Signature		· · · · · · · · · · · · · · · · · · ·	Pri	nted Name			Titl	le	Date
			0									

Form 316641 S.	NMP552AF		IT S	TATE THE	INTE	RIOR	it in d <u>CEI</u>	UPLICATE (See ot) structio reverse	ns on	ON Expir	1B NO res: Fe	APPROVED CLS . 1004-0137 CLS . bruary 28, 1995 N AND SERIAL NO.
WELL COM	PLETION	OR	RECO	MPLE	TION	REPO	RT /	ANDLO)G*	6. IF INDIAN, A	LLOTT	EE OR TRIBE NAME
1a. TYPE OF WELL:b. TYPE OF COMPL	W		GAS WELL	ار [)		Her 30	12 31	s PN '96		7. UNIT AGREE	MENT 2	NAME
NEW WELL		EEP- [X]	PLUG BACK	DIFF RES		ABL				. 1		NAME, WELL NO.
2. NAME OF OPERATOR	1				A	NEA HER	с.,	INTERS		Federal "		5 1
<u>Marathon</u> C		/								9. API WELL N 30-015		03
3. ADDRESS AND T	ELEPHONENO. 552, Midla	nd ⁻	TX 797	02		915	/682	-1626		10. FIELD AND		
4. LOCATION OF WELL	(Report location of	learly ar	nd in accorda		State requ					Indian Ba		
At surface UL "F"1650	' FNI & 16	550'	FWI	- 1	ж. 1. т.			که این محمقه به در با				BLOCK AND SURVEY
At top prod. interval		550			1. 1.					35, 21	ເວ	20
At total depth						102 0 5	化的			35, 21	з, <i>с</i>	.JE
At total depth				14. PERM	IIT NO.		DATE I			12. COUNTY OR PARISH		13. STATE
										Eddy		NM
15. DATE SPUDDED 4-23-96	16. DATE T.D. RE. 5-9-96	ACHED		сомрі. <i>(Red</i> 2 - 96	to prod.)		ATIONS (DF, R 3961 K			19. E	LEV. CASINGHEAD
20. TOTAL DEPTH, MD & 10,778'		^{д, васк}	.T.D., MD & T	VD 22.	IF MULTIPI HOW MANY			23. INTERV DRILLE		ROTARY TO	OLS	CABLE TOOLS
24. PRODUCING INTERV	AL(S), OF THIS COM	PLETION	· TOP, BOTTO	M, NAME (M	ID AND TVD)*					25	S. WAS DIRECTIONAL SURVEY MADE
9288'- 93	338' Morro	WC										No
26. TYPE ELECTRIC AND HAL/NET/SO					·						27. w/ NC	AS WELL CORED
28.			CAS	ING RECO	RD (Repor	t all strings s	et in wei					
CASING SIZE/GRADE	WEIGHT, LB	./FT.	DEPTHS	-	HOL Comp	E SIZE	Po	TOP OF CEM.	ENT, CE	MENTING RECOR	D	AMOUNT PULLED
· · · · · · · · · · · · · · · · · · ·	See		Origin									
		<u> </u>			<u> </u>		-					
29.		LINEF	RECORD	· · · · · · · · · · · · · · · · · · ·				30.		TUBING REC	ORD	
SIZE	TOP (MD)		ТОМ (MD)	SACKSC	EMENT*	SCREEN	(MD)	size 2 7/8'	0	DEPTH SET (MI 192'	D)	PACKER SET (MD) 9192'
4 1/2"	7,610'	10,	115	345		·		2 110		192		9192
31. PERFORATION RECO	RD (Interval, size an	d numbe	er)			32	ACI	ID. SHOT. FI	RACTU	RE, CEMENT S	OUTEZ	LE. ETC.
9288'-96',	9326'-38	', 6	JSPF			DEPTH IN	TERVAL	L (MD)	A	MOUNT AND KIN	D OF Ma	ATERIAL USED
9384'-96',	9402'-16	', 8	JSPF			9288'					/2%	
						9288'		5		<u>gal 10%</u>		
						9288-9	9410		32K	GAL FUAM	, 40	K # SAND
33.*				Р	RODUCTI	DN		ł				
DATE FIRST PRODUCTION 5 - 15 - 96	1 _	wing	METHOD (Flor	ving, gas lifi	t, pumping	- size and typ	e of pun	цр)				(Producing or rod
DATE OF TEST 7 - 19 - 96	HOURS TESTED		ноке size 20/64	PROD'S TEST P		01L - BBL. ()		GAS - MCF. 1089		WATER - BBL.		GAS - OIL RATIO
7-19-90 FLOW. TUBING PRESS.	CASING PRESSURI	E C	ALCULATED	OIL - B	BL	GAS:	MCF.	W	ATER - I		OIL GR	AVITY - API (CORR.)
540	pkr	24	4-HOUR RATE	chos	पान, संस्त् <u></u>	-108	PD	6	5			<i>,</i>
34. DISPOSITION OF GAS	(Sold, used for fuel	, vented,	elc.)		en andre ale					TEST WITNESSE Pat Hed		ian
35. LIST OF ATTACHMEN	TS				114	2						
36. Thereby certify that the f	oregoing and attached in	formation	is complete and									
SIGNED TH	omas n	fr.	~	<u> </u>	TLE Adv	anced	Engi	neering	Tec	h. DAI	те <u>7/</u>	24/96
5101104										DAI		

*(See Instructions and Spaces for Additional Data on Reverse Side)

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 jurisdicton.

Morrow Sand 9143 9437 Sand. shale. 1 time - gas Morrow Barnett Mississippian Woodford Devorian	recoveries): Formation	ТОР	BUITOM	recoveries): TOP BOFTOM DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	
9143 9437 Sand. shale. lime - gas	FORMATION	TOP	BOITOM	DESCRIPTION, CONTENTS, ETC.	NAME	
Barnett Mississip Woodford Devonian	lorrow Sand	9143	9437	lime -	Morrow	
Mississip Woodford Devonian					Barnett	
Woodford Devonian					Mississippi	an
Devontian					Woodford	
					Devonian	

WELL NAME AND NUMBER Federal C-35 #1 LOCATION Sec. 35, T2lS, R24E, Eddy County, New Mexico (Give Unit, Section, Township and Range) OPERATOR Marathon Oil Company

DRILLING CONTRACTOR <u>McVay Drilling Company</u>

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

rees @) Depth	Degrees @ Depth	Degrees @ D
¹ / ₄	8347		
<u>1</u> 4	8847	<u></u>	
3/4	9335		
1 3/4	9430		
2 ¹ / ₄	9935		
1½	10468		
1 3/4	10778		
			
		<u></u>	<u></u>
			<u> </u>

Drilling Contractor:	MeVay Drilling Company
By:	- far heyen for

Subscribed and sworn to before me this	Sth day	y of May	_, 1996
	Tin	a Themas	
		Notary Public	

My Commission Expires: <u>8-16-97</u>

<u>Lea</u> County <u>New Mexico</u>

Form 3160-5	ITED STATES N.M. Oil Cor 811 S. 1st Stree	Division 215F
	NT OF THE INTERIOR Artesia, NM 882	
	LAND MANAGEMENT	5. Lease Designation and Serial No.
	ND REPORTS ON WELLS	NM06953
Do not use this form for proposals to drill	or to deepen or reentry to a different reserve	6. If Indian, Allottee or Tribe Name
Use "APPLICATION FOR	PERMIT - " for such proposals	
SUBMIT		7. If Unit or CA, Agreement Designation
1. Type of Well)
Oil Gas Well Other	Le la Sant	8. Well Name and No.
2. Name of Operator Marathon Oil Company	AUG 0 5 1996	Federal "C" 35 1
3. Address and Telephone No.		<u>a</u> <u>30-015-10403</u>
P.O. BOX 552, Midland, TX 797(4. Location of Well (Footage, Sec., T., R., M., or Survey De		✓ ■ 10. Field and Pool, or exploratory Area Indian Basin/Morrow
UL F, 1650' FNL & 1650' FWL	DIST. 2	11. County or Parish, State
Sec. 35, T-21-S, R-23-E		
) TO INDICATE NATURE OF NOTION DE	Eddy Co. NM
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REF	
Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other <u>Add Penfs & Stin</u>	Contraction to Injection
	Tother Aug reis a still	(Note: Report results of multiple completion on Well
13. Describe Proposed or Completed Operations (Clearly state all give subsurface locations and measured and true vert	l pertinent details, and give pertinent dates, including estimated date tical depths for all markers and zones pertinent to this work.)*	Completion or Recompletion Report and Log form.) e of starting any proposed work. If well is directionally drilled,
back to test tank. Put into li 6-29-96: MIRU PU. NU BOP. PC 6-30-96: Started fishing Van g 7-02-96: NU 6" 5000# BOP. Ins 7-03-96: Frac'd 9288'- 9416' w blowing down to frac tank. 7-04-96: Put well to test. 7-10-96: Set tbg plug, lost wi 7-12-96: Washed down to 9196' 7-13-96: Fished for tbg plug. 7-14-96: C/O w/coiled tbg.	n wireline, perforated 9384'-96', %/9000 gallons 30% foamed acid con & 1575 gal methenol. Used 300 k ne. DOH w/prod tbg & pkr. JUNS. Recovered guns on 7-1-96. Italled 3 1/2" treating string w/p %/32,000 gallons, 52 quality foam re line tools. Started RU Cudd p w/coiled tbg. Fished wireline to arted in hole with 2 7/8" prod th	okr @ 9192'. & 45.000# sand. Started pressure control. pols.
7-16-96: Set pkr @ 9166'. Loa	ded backside w/2% KCl chemically tree. Kicked well off to test.	inhibited wtr Tested

14. Thereby certify that the foregoing is true and correct Signed Thomas monuce	Title	Advanced Engineering-Tech.	Date 7/24/96
(This space for Federal or State office use) Approved by Conditions of approval, if any.	Title	ACCEPTED FOR ISLOUID	_ Date
Title 18 U.S.C. Section 1001, makes it a crime for any person knowing or representations as to any matter within its purisdiction.		fully to make to any department or agency of the United States	s any faise, fictitious or frautitient statements

See Instruction on Reverse Side

		L CONSERVATION DIV 1 S. 1st ST RTESIA, NM 38210-2834 のグデー
	ITED STATES	FORM APPROVED Budget Bureau No. 1004-0135
	NT OF THE INTERIOR	Expires: March 31, 1993 5. Lease Designation and Serial No.
	AND REPORTS ON WELLS	NM 06953
Do not use this form for proposals to dr	Ill or to deepen or reentry to a different reservoir R PERMIT - " for such proposals	6. If Indian, Allottee or Tribe Name 7. If Unit or CA, Agreement Designation
		- I Olin Of CA, Agreement Designation
1. Type of Well Oil Gas Well Well Other		8. Weil Name and No.
2. Name of Operator Marathon Oil Company		Federal C' "35" #1 9. API Well No. 30-015-10403
3. Address and Telephone No. P.O. Box 552, Midland, TX 79	702 JUN 2 0 1995	10. Field and Pool, or exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey 1650' FNL & 1650' FWL	OIL CLUR, LEV.	Indian Basin, U. Penn 11. County or Parish, State
Sec. 35, T-21-S, R-23-E	<u>p.</u> 31.2	Eddy Co., N.M.
12. CHECK APPROPRIATE BOX	(s) TO INDICATE NATURE OF NOTICE, REF	PORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF AC	CTION
Notice of Intent	Abandonment	Change of Plans
Subsequent Report	Recompletion Plugging Back	Non-Routine Fracturing
		Weter Shut-Off
Final Abandonment Notice	Altoring Casing X other <u>Deepen to Devo</u>	Conversion to Injection
	ate all perunent details, and give perunent dates, including esumated da	(Note: Report results of multiple completion on Well Completion or Reconsisting Report and Los form.)
See attached for detail	2017 1 9 1996 MA	DEIVED AY 31 1998 ST. C. N.M.
14. I hereby cerufy that the foregoing is true and corressigned - (1) feat distance for foreigned for the space for Federal or State office use)	R D D NOADTTILLE DRIC GUITT	
Approved by	Title	Date

Mid-C. Inent Region Production United States



P.O. Box 552 Midland, TX 79702-0552 Telephone 915/682-1626

FEDERAL C "35" NO. 1

2/13/95 - MIRU PU, NU 7-1/16" 5M BOPE, ran RTTS to 220', tested annulus to 500 psi. Had communication between 7" and 9-5/8" casing. Isolated casing leak 5890'-5882'. Ran CBL, found TOC on 7" at 6344. Perf'd 7" 6340'-41' w/2 JSPF. Set retainer at 6275' and squeezed perfs w/100 sx "H" Neat. Had communication between 7" and 9-5/8" casing. Set 2nd retainer at 5803'. Pumped 885 sx 50-50 POZ w/100 sx "H" Neat. Squeezed off w/1500 psi. WIH w/2-7/8" and tagged TOC at 5800'. Tested BOP's to 1000 psi. Drilled cement and retainer at 5803' and cement to 5903'. Tested casing above retainer at 6275' to 1000 psi. Drilled retainer and cement to 6355'. Tested casing to 1000 psi. Tagged CIBP at 7256', drilled CIBP and lost returns, washed to CIBP at 7405'.

Set retainer at 7240' to squeeze open perfs at 7341'-96'. Squeezed perfs w/300 sx "H" w/sand and thixad, squeezed off to 2500#. Tagged cement at 7022'. Drilled cement and retainer to 7405', tested casing to 1000 psi. Drilled on HIP plug at 7405' and drilled cement to 7445', washed to 7495'. Attempted to test casing, perfs at 7412'-76' leaking. Spotted 50 sx "H" across perfs. Pressured up to 1500 psi. TIH and tagged cement at 7267', drilled cement to 7510', tested casing to 1500 psi.

4/23/96 - MIRU McVay No. 4, tested 11" 3M dual rams choke lines, manifold, floor valves and lines to 300/3000 psi. Tested annular to 1500 psi. PU 6-1/8" bit, DC's and 3-1/2" DP, TIH to 7808' - drilled cement in 7" shoe to 7850'. Drilled formation to 10,819', T/Devonian - 10,100'. Logged well as follows: HAL/NET/SONIC/BHC 10,812'-7200'. Ran FMI thru Morrow.

Ran 60 jts 4-1/2",11.30#, FL4S to 10,115', Ran GR-CCL to correlate ECP/liner hanger. Liner top @ 7610'. Released setting tool from liner. Cemented w/345 sx "H" w/1% FL-62, 5 pps CSE, 3 pps Kolseal, 15% LWL, 45% CD-32. Plug down with 2200 hours.

5/5/96 - TOH w/2 stds. Reversed 21 sx cement into pit. WOC 7 hours. Tagged cement at 7606'.

Set RBP @ 3032'. Tested casing to 500 psi. Released McVay No. 4. The decision was made not to pursue a completion in the Devonian as a disposal well at this time due to favorable log analysis in the Morrow section.

5/9/96 - MIRU PU, NU 7-1/16" BOP and tested rams. PU 6-1/8" bit and DC's. RIH with tubing to TOL at 7613'. PU 7" RTTS and set packer at 7590'. Swab tested liner top, no fluid entry. POOH w/RTTS, RIH w/3-7/8" bit to TOC at 7613'. Did not find cement. RIH to 10,019'. Circ. clean, displace with 2% Kcl. Ran GR/CBL/CCL 10,019'-

7600'. RIH with 3-3/8" TCP guns. Set packer at 9186', ND BOP, NU 7-1/6" Christmas tree and tested to 3000 psi. Dropped bar, perf'd Morrow 9288'-96', 9326'-9338'. Max SI pressure - 47 psi. Swabbed 10 BW in 6 runs IFL - 7300', FFL - 9000'.

Shut well in for 72 hour pressure buildup. Acidized Morrow perfs w/5000 gals. 30% foamed acid w/3500 gals, 7-1/2% Hcl, 2625 gals 10% Hcl, flushed w/2% foamed Kcl. ISIDP - 2600 psi. 10 min. - 2350 psi, 1 hour - 2020. Max psi - 3800, avg. - 3650. Opened well, flowed well on 16/64" choke. Recovered 40 bbls fluid. Pressure dropped to 250 psi, opened to full choke, flowed at 20 psi, 9 BPH.

Tied well in with separator, tested well on 32/64" choke from 0700-0600 hours, 5/22/96. TP - 110, 522 MCF, 0 BOPD, 42 BWPD.

H:\wjd\fed35-1 srt

DEPARTMENT	OF THE INTERIOR	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
BUREAU OF LA	ND MANAGEMENT	5. Lease Designation and Serial No. NM-06953
n for proposals to drill or	to deepen or reentry to a different reservoi	6. If Indian, Ailottee or Tribe Name
SUBMIT I	N TRIPLICATE	7. If Unit or CA, Agreement Designation
ompany		8. Well Name and No. Federal C 5 1 9. API Well No.
Midland, TX 79702 e, Sec., T., R., M., or Survey Descri FNL & 1650′FWL	915/682/1626	30-015-10403 10. Field and Pool, or exploratory Area Indian Basin Upper Penn 11. County or Parish, State Eddy Co., NM
PPROPRIATE BOX(s)	TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
JBMISSION	TYPE OF AC	TION
	Abandonment Recompletion	Change of Plans New Construction
	Casing Repair Altering Casing	Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water
	DEPARTMENT BUREAU OF LA SUNDRY NOTICES AND In for proposals to drill or BE "APPLICATION FOR PE SUBMIT II Other ompany bo. Midland, TX 79702 E, Sec., T., R., M., or Survey Descri FNL & 1650' FWL 5, R-23-E	ompany No. Midland, TX 79702 915/682/1626 e, Sec., T., R., M., or Survey Description) FNL & 1650' FWL S, R-23-E NPPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REP JBMISSION Itent Abandonment Recompletion Plugging Back Casing Repair

initiate work to repair the leak by 2/22/96. The casing leak will be isolated using a packer and RBP. The repair procedure will depend on the location of the leak. If the leak is high enough a joint may be backed of and replace. Otherwise the leak will cement squeezed. Upon repair of the leak the casing will be tested again for mechanical integrity.

RECEIVED	CARI AREA trè	Fea 5 9 1	RECE
APR 0 1 1996 OIL CON. DIV. DIST. 2	E R S E	16 AM '96	CEIVED

11

14. Thereby certify that the foregoing is true and correct	Title	Advanced Engineering Tech.	Date	2/2/96
(This space for Federal or State office use) Approved hy (ORNS. SCD.) SOE G. LARA Conditions of approval, if any:	Title	PETROLEUM ENGINEER	_ Date	3/21/96
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly or representations as to any matter within its jurisdiction.	and wil	Ifully to make to any department or agency of the United States	any fals	e, fictitious or fraudulent statements

Form 3160-5 June 1990)	UNI I'ED STA DEPARTMENT OF TH		Expires:	eau No. 1004-0135 March 31, 1993	
	BUREAU OF LAND MA	ANAGEMENT	5. Lease Designation		55
	SUNDRY NOTICES AND REPO		6. If Indian, Allott		
		pen or reentry to a different reservoir.			
U:	se "APPLICATION FOR PERMIT -	- tor such proposals		Agreement Designatio	n
	SUBMIT IN TRI	PLICATE	INDIAN BAS	SIN	
1. Type of Well Oil Gas Well Well	X Other		8. Well Name and FEDERAL "C"		1
2. Name of Operator Marathon 0il (9. API Well No.		1
3. Address and Telephone 1	No.	015/602 1626	- <u>30-015</u> - 10. Field and Pool	or exploratory Area	
P.O. BOX 552, 4. Location of Well (Footas	Midland, TX 79702 ge, Sec., T., R., M., or Survey Description)	915/682-1626	-	,, , 	
1650' FNL & 1 SEC. 35, T-21	650' FWL		11. County or Pari FDDY	ish, State COUNTY NM	
	APPROPRIATE BOX(s) TO IN	IDICATE NATURE OF NOTICE, REP			
	UBMISSION	TYPE OF AC			
	of Intent	Abandonment	Chan	nge of Plans	
		Recompletion	8	v Construction	
Subseq	uent Report	Plugging Back		n-Routine Fracturing ter Shut-Off	
_		Casing Repair			
Final A	bandonment Notice	Altering Casing		version to Injection	
Final A	Sbandonment Notice	Altering Casing	Dis	pose Water	volction on Well
		Other DEEPEN	(Note: Re Completic	pose Water port results of multiple con on or Recompletion Report	and Log form.)
	-land Operations (Clearly state all pertinent	details, and give pertinent dates, including estimated date for all markers and zones pertinent to this work.)*	(Note: Re Completing e of starting any propose	pose Water port results of multiple cor on or Recompletion Report ed work. If well is dir	<u>and Log form.)</u> ectionally dril
13. Describe Proposed or Con grve subsurface	npleted Operations (Clearly state all pertinent (locations and measured and true vertical depths	details, and give pertinent dates, including estimated date for all markers and zones pertinent to this work.)*	(Note: Re Completic	pose Water port results of multiple cor on or Recompletion Report ed work. If well is dir	<u>and Log form.)</u> ectionally dril
13. Describe Proposed or Con g ve subsurface	npleted Operations (Clearly state all pertinent locations and measured and true vertical depths POSED SWD CONVERSION TO WITH THE NMOCD.	details, and give pertinent dates, including estimated date for all markers and zones pertinent to this work.)*	(Note: Re Completing e of starting any propose	pose Water port results of multiple cor on or Recompletion Report ed work. If well is dir	<u>and Log form.)</u> ectionally dril
13. Describe Proposed or Con give subsurface WELL IS A PRO HAS BEEN MADE	npleted Operations (Clearly state all pertinent locations and measured and true vertical depths POSED SWD CONVERSION TO WITH THE NMOCD.	details, and give pertinent dates, including estimated date for all markers and zones pertinent to this work.)*	(Note: Re Completing e of starting any propose	pose Water port results of multiple cor on or Recompletion Report ed work. If well is dir	<u>and Log form.)</u> ectionally dril
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13. Describe Proposed or Con give subsurface WELL IS A PRO HAS BEEN MADE	npleted Operations (Clearly state all pertinent of locations and measured and true vertical depths POSED SWD CONVERSION TO WITH THE NMOCD. FOR DETAIL.	DEEPEN details, and give pertinent dates, including estimated date for all markers and zones pertinent to this work.)* THE DEVONIAN FORMATION. AI RECEIVED FEB 2 1996 OIL CON, DIV	Dis (Note: Re <u>Completin</u> e of starting any propose N APPLICATIC	pose Water por results of multiple ox or Recompletion Report ed work. If well is dir DN TO INJEC	i and Log form) ectionally dril
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	Midland, TX 7970			915/682-	1626	10. FIELD AND POOL, OR WILDCAT SEE BELOW
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		plicant holds legal or equitable t	itle to those rights i	a the subject lease which wo	ald entitle the ap	plicant to conduct operations thereon.
APPROVED BY			TIE			DATE
		*See In:	structions	On Reverse Sid	e e	

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.

Thirteen Point Surface Use Plan MARATHON OIL COMPANY

<u>Federal "C" #1</u> Sec. 35, T-21-S, R-23-E Eddy County, New Mexico

- 1. <u>Existing Roads</u>: Refer to Vicinity Lease Map.
 - a. The existing well pad will be used for this recompletion. No additional pad area will be required.
 - b. To reach the location from Carlsbad, New Mexico: Follow Hwy 285 North of Carlsbad 14 miles. Turn West on Queen's highway (NM 137) for 8.8 miles. Turn right on NM 401 for 5 miles, turn left on existing lease road for .8 miles. Turn left at "Y" and follow .75 miles, then right at "Y" and follow one mile into location.
 - c. Existing roads within a one-mile radius (refer to Vicinity Lease Map).
 - d. The existing road will be maintained as necessary to provide access during the drilling operation.
- 2. <u>Planned Access Road</u>: Refer to Vicinity Lease Map.

Access will be by existing lease roads. Construction plans will require blading and rolling the road and pad. No access road is required for this recompletion. The existing road enters the drilling pad on the southwest corner. The drilling location will have a V-door facing east

- 3. Location of Existing Wells: See Vicinity Lease Map.
- 4. Location of Existing and Proposed Production Facilities within a one-mile radius:
 - a. Existing: There are four gas wells operated by Marathon and Oryx within a one-mile radius of the proposed location. These locations have production facilities including separators, condensate storage tanks and location drips. Marathon and Oryx operates a variety of dehydrators, meter runs, and several gathering lines in the one-mile radius.
 - b. <u>New Facilities</u>: The proposed location will have a separator and gas sales line. The actual equipment and its configuration will be determined after the well is completed.
 - c. Rehabilitation of disturbed areas no longer needed for operations will be accomplished by grading, levelling and seeding as recommended.

A. P. D. (cont.) Thirteen Point Surface Use Plan Federal "C" #1

5. Location and Type of Water Supply:

- a. <u>Source</u>: Indian Basin Gas Plant, SW/4, NE/4, Sec. 23, T-21-S, R-23-E.
- b. The water will be pumped thru 3" plastic line over existing roads to the well location. No new construction will be required on/along the water route.
- c. No water well will be drilled on this location.

6. Source of Construction Materials:

- a. No construction materials will be required.
- b. If production is obtained, native materials will be used on the location and for installation of production facilities.
- c. On-site inspection may dictate any changes in location construction.

7. Methods of Handling Waste Material Disposal:

- a. Cuttings will be deposited in the reserve pit, a 75' x 75' workover pit will be lined and dug.
- b. Drilling fluids contained in reserve pit and allowed to evaporate. Free water will be removed and transported to an approved disposal site to accelerate pit drying.
- c. Produced fluids none anticipated.
- d. A portable chemical toilet will be provided.
- e. Garbage and other waste material garbage and trash will be stored in a receptacle on location and periodically hauled to an approved sanitary landfill.
- f. After the rig moves out, all materials not necessary for operations will be removed. Pits will be backfilled and levelled. The location will be cleaned of all trash and debris.
- 8. <u>Ancillary Facilities</u>: Camp facilities will not be required. Portable trailers will be on location to house a company drilling foreman and contract toolpusher.
- 9. <u>Wellsite Layout</u>:
 - a. The wellpad layout shows the existing drillsite layout.
 - b. The reserve pit will be fenced on three sides before drilling begins. The fourth side will be fenced when the drilling rig leaves location.
 - c. The reserve pit will be lined (8 mil material).

10. Plans for Restoration of the Surface:

- a. Backfilling, levelling, and contouring are planned as soon as all pits have dried. Waste disposal and spoiled materials will be buried or hauled away immediately after drilling is completed. If production is obtained, the unused area will be restored as soon as possible.
- b. The soil banked material will be spread over the area. Revegetation will be accomplished by planting mixed grasses as per formula by BLM. Revegetation is recommended for road area, as well as around the drill pad.
- c. The reserve pit will be fenced during drilling operations. Fencing will be maintained until levelling and cleanup are accomplished.
- d. If any oil is in the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with mesh.
- e. The rehabilitation operations will begin after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Planting and revegetation will be done between July 15 and September 15.

11. Other Information:

- a. There are no significant archaeological or cultural sites visible in the area of disturbance. A cultural resource survey was performed by Archaeological Consultants Inc. of Roswell.
- b. General topography: Shown on Vicinity Lease Map. The terrain at the wellsite is gently rolling hills. Vegetation is primarily sage brush and natural grasses.
- c. Animal life: Prairie dogs, domestic livestock, rabbits and native rodents and predators.
- d. Dwellings (nearest): Approximately 4-1/2 miles.
- e. General location: Approximately 8.5 miles west of Lakewood, New Mexico.
- f. Drainage: Internal
- g. Surface Owner: The surface is owned by the Federal Government
A. P. D. (cont.) Thirteen Point Surface Use Plan Federal "C" #1

12. Operator Representatives:

David Nordt Drilling, Completion, & Workover Superintendent P. O. Box 552 Midland, TX 79702 800/351-1417 915/682-1626

13. Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by MARATHON OIL COMPANY and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

-96

W. J. Queare FOR DPN

DRILLING PROGRAM MARATHON OIL COMPANY

Federal "C" #1

Estimated KB Elevation: 3974' 1.

FORMATION	TOP MEASURED	SUBSEA	BASI MEASURED	E SUBSEA	FLUID <u>CONTENT</u>
Morrow Barnett Mississipian Woodford Devonian	9050' 9482' 9736' 10126' 10193'	-5076' -5508' -5762' -6152' -6219	9482' 9736' 10126' 10193' 11176'	-5508' -5762' -6152' -6214 -7202	water water
FORMATION	EST SBHI <u>PSIG PPG</u>	P EST SE <u>EMW DEG f</u>			
Morrow Barnett Mississipian Woodford Devonian	36569.437959.439109.440729.430958.3		500	0 marker marker marker objective	

See (1) above. 2.

If any unexpected water or mineral bearing zones are encountered, they will be reported, evaluated, and protected as circumstances and regulations require.

Pressure Control Equipment: 3.

7" Production: 11" 3M annular tested to 200#/2000#, 11" 3M dual rams, choke manifold and mud cross, tested to 300#/3000#.

Flow indicator, PVT, H_2S Sensors, air packs, stroke counter, rotating head.

BOP systems will be consistent with API RP 53. Blowout preventers will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers and casing will be pressure tested before drilling casing cement plugs.

Upper and lower kelly cocks with valve handle and safety valve and subs to fit all drillstring connections in use will be available on rig floor.

Test Frequency

- When installed. 1.
- Anytime a pressure seal is broken (test confined only to affected equipment). 2.
- At least every 20 days. 3.
- Blind and pipe rams shall be activated each trip but not more than once/day. 4

A. P. D. (cont.) Thirteen Point Surface Use Plan Federal "C" #1

4. Casing and Cement Program:

DEPTI <u>FROM</u>		SECTION LENGTH	HOLE <u>SIZE</u>	CSG <u>SIZE</u>	WT. <u>PPE</u>	<u>GRADE</u>	THREADS COUPLINGS	NEW USED
7250' 10000'	10000' 11000'			4.5" Open H		L-80	FL-45	New

The 4 1/2" liner will be run below the Woodford Shale to ensure that the ECP will isolate the Woodford from the Devonian.

Centralizer Program:

4 1/2" Conventional centralizers middle of 1st joint, then every joint to 9000', and 1 centralizer every 4th joint thereafter to 7300'.

Cementing Summary

4 1/2" liner, 7250' - 10,000' ECP tool depth - above landing collar

Slurry: Class "H" with 5% CSE + 1% CF-14, 3% WL-1P

FROM DEPTH	<u>TOC</u>	HOLE <u>SIZE</u>	% <u>EXCESS</u>	YIELD	DENSITY	QTY <u>SX</u>
10,000'	9200'	6.125	50	1.28	15.33	165
9,200'	7850'	ANN	50	1.28	15.33	65
7,850'	7250'	CSG	0	1.28	15.33	70

5. Mud Program:

DEPTH FROM TO	MUD TYPE	WEIGHT <u>(PPG)</u>	=	WL <u>CC</u>	ADDITIVES	VISUAL <u>MONTR.</u>
7850' 10000' 10000' 11000'	Cut Brine Freshwater	9.4 8.4	32-36 28-30		Salt Gel, Starch, Caustic Gel	Steel Pits

Sufficient quantities of additives will be on location to maintain above mud properties for any anticipated well conditions.

6. Logging, Testing & Coring Programs:

INTE LOG/TEST/CORE/MUDLOG/OTHER	RVAL- FROM	<u>то</u>	REMARKS
DLL/MSFL/GR	TD	8000'	
LDT/CNL/GR/CAL	TD	8000'	
MUD LOGGER	NONE		

NO CORES OR DST'S

7. <u>Abnormal Pressures, Temperatures or Potential Hazards</u>:

None anticipated. Possible H_2S in Cisco & Upper penn. See H_2S Drilling Operations Plan.

8. <u>Other Information</u>:

Anticipated Starting Date: As soon as possible.

Duration of Well: drilling - 18 days, completion - 10 days.

PROPOSED SHID CONVERSION



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MARATHON OIL COMPANY

H2S DRILLING OPERATIONS PLAN

i. HYDROGEN SULFIDE TRAINING

All contractors and subcontractors employed by Marathon Oil Company will receive or have received training from a qualified instructor within the last twelve months in the following areas prior to commencing drilling operations on this well.

- 1. The hazards and characteristics of hydrogen sulfide (H2S)
- 2. Safety precautions
- 3. Operations of safety equipment and life support systems

In addition, contractor supervisory personnel will be trained or prepared in the following areas:

- 1. The effect of H2S on metal components in the system. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.
- 2. Corrective action and shut-down procedures when drilling or reworking a well, blowout prevention and well control procedures, if the nature of work performed involves these items.
- 3. The contents and requirements of the contingency plan when such plan is required.

All personnel will be required to carry documentation of the above training on their person.

II. H2S EQUIPMENT AND SYSTEMS

1. Safety Equipment

The following safety equipment will be on location.

A. Wind direction indicators as seen in attached diagram.

B. Automatic H2S detection alarm equipment (both audio and visual).

C. Clearly visible warning signs as seen on the attached diagram. Signs will use the words "POISON GAS' and "CAUTION" with a strong color contrast.

D. Protective breathing equipment will be located in the dog house and at briefing areas as seen in the attached diagram.

2. WELL CONTROL SYSTEMS

A. Blowout Prevention Equipment

Equipment includes but is not limited to:

- a, pipe rams to accomodate all pipe sizes
- b. blind rams
- c. choke manifold
- d. closing unit

Auxillary equipment added as appropriate includes:

- a. annular preventor
- b. rotating head
- c. mud- gas separator
- d. flare line and means of ignition
- e. remote operated choke

B. Communication

The rig contractor will be required to have two-way communication capability. Marathon Oil Company will have either land-line or mobile telephone capabilities.

C. Mud Program

The mud program has been designed to minimize the volume of H2S circulated to surface. Proper mud weight, safe drilling practices, and the use of H2S scavengers when appropriate will minimize hazards when penetrating H2S bearing zones.

D. Drill Stem Test intervals are as follows:

DST No. 1	ft.	to ft.
DST No. 2	ft.	to ft.
DST No. 3	ft.	to ft.

Drill Stem Testing Safety Rules are attached.

III. WELL SITE DIAGRAM

A complete well site diagram including the following information is attached.

- 1. Rig orientation
- 2. Terrain
- 3. Briefing areas
- 4. Ingress and egress
- 5. Pits and flare lines
- 6. Caution and danger signs
- 7. Wind indicators and prevailing wind direction

Form 3160-5 (June 1990)	U. ED DEPARTMENT OF BUREAU OF LANI	STATES F THE INTERIOR	NM OIL CONS Drawer DD Artesia, NM 8	38210 5. L	Budget Bureau No. 1004-0135 Expires: March 31, 1993 ease Designation and Serial No.	CUSF
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