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Form 3160-5	FORM APPROVED UN Budget Bureau No. 1004-0135			
(June 1990) DEPA	DEPARTMENT OF THE INTERIOR			
BUREA	Expires: March 31, 1993 5. Lease Designation and Serial No.			
	NM-05612-A			
SUNDRY NOT	6. If Indian, Allottee or Tribe Name			
Do not use this form for proposals	s to drill or to deepen or r	eentry to a different reservoir.		
Use "APPLICATIC	ON FOR PERMIT - " for s	uch proposals		
S	7. If Unit or CA, Agreement Designation			
I. Type of Weil Oil X Gas Weil Other		· · · · · · · · · · · · · · · · · · ·	8. Well Name and No. INDIAN BASIN A #1	
2. Name of Operator				
Marathon Oil Company	9. API Well No.			
3. Address and Telephone No.		015 (00 1(0)	30-015-00034	
P.O. Box 552, Midland, TX 7	<u>/9/02</u>	915-682-1626	10. Field and Pool, or exploratory Area	
4. Location of Well (Footage, Sec., T., R., M., or	r Survey Description)		INDIAN BASIN UPPER PENN GAS	
UL "J" 1650 FSL & 1650 FEL			11. County or Parish, State	
SEC 22. T-12-S, R-23-E			- · · · · · · · · · · · · · · · · · · ·	
		and the second	EDDY_COUNTYNM	
12. CHECK APPROPRIATE	BOX(s) TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
Notice of Intent		Abandonment	Change of Plans	
		Recompletion	New Construction	
Subsequent Report		Plugging Back	Non-Routine Fracturing	
		Casing Repair	Water Shut-Off	
Final Abandonment Notice		Altering Casing	Conversion to Injection	
		Other <u>Re-establish production</u>	Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

1

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MARATHON OIL COMPANY converted this well to co-production as follows:

9/1/98 MIRU. Killed well. ND wellhead & NU BOPs. Pulled split hangers & tested BOP. Released packer. POOH & L/D tbg. & packer. TIH w/6-1/8" bit & tagged PBTD @ 7395'. Picked up swivel & drilled out cement & retainer. Started drilling out 2nd retainer @ 7460'. Circulated wellbore clean. Drilled out 2nd retainer & cement. TIH to CIBP @ 7810'. Picked up swivel & drilled out CIBP. Knocked out CIBP & well press. came up. Let well die down. RIH w/bit below 9000'. POOH L/D some tbg & collars w/bit. RU wireline. RIH w/gauge ring & Gamma Ray tool. Pushed junk down below 9000' & logged well. RIH & set CIBP @ 8800'. Perforated 7" csg. from 7678'-7706' w/4 JSPF @ 120 degree phasing. RIH w/bailer & set 10' of cement on CIBP. RD wireline to check equip. POOH. RU wireline. RIH & perf from 7766'-7678', 7662'-7648', 7648'-7594', 7574'-7538', 7532'-7524', 7512'-7506', 7494'-7481', 7432'-7396', & 7384'-7354' w/4 JSPF @ 120 degree phasing. RD wireline for long weekend. RU wireline. RIH & perf from 7480'-7470'. RD wireline. RIH w/ PPI tool & set packer @ 7585'. Drop standing valve. RU Halliburton. Spotted 500 gals. 15% HCl acid to packer. Reversed out & dropped FCV. Spotted 15% Ferchek acid to PPI tool. Set PPI packer @ 7776'. PUH treating perfs. from 7766'-7478' in 2' increments w/100 gpf. Loaded tbg. w/acid. Acidized remaining perfs from 7478'-7354' w/ 100 gpf. RD Halliburton. POOH w/tbg & L/D PPI packer. RIH w/RBP & set @ 3750'. Tested RBP to 500 psi, okay. RIH w/ODI sub. pump on 2.7/8" tubing. Landed tbg in seaboard head. ND BOP. RU wellhead. RD PU. Work completed 9/11/98

14. I bereby certify that the foregoing is true and correct Signed	Tite	Engineer Technician	7		Date <u>9/17/</u>	/98
(This space for Federal or State office use) Approved by Conditions of approval, if any:	πь (ORIG SGD.) DAVID F. (d	ASS	Date	
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly a or representations as to any matter within its jurisdiction.	nd will	fully to make the fully coartment or agency	cy of	f the United States a	ny false, fictitiou	as or fraudulent statements