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	DRILL X	DEEPEN				INDIAN :	HILLS UNIT
OIL TYPE OF WELL	GAS 🔽			SINGLE X MULTIP	LE 🗍	8. FARM OR LE	ASE NAME, WILL NO
NAME OF OPERATOR	WELL OTHER			70NF 4 70NF		INDIAN	HILLS UNIT 18
arathon Oil C		<u> </u>	<u> </u>	767		9 754.MELL ZO	
ADDRESS AND THEPT .O. BOX 552	Midland, TX 79702	<u> </u>		\$915/0	687-8356	30-01	
	Report location clearly and in accord	tance with any state re-		50			BASIN - UPPER PENN
09' FSL & 232	24' FEL	2.3	RE	CEIVED 20		TL SEC. L.R.	
At proposed prod. zon 09 * FSL & 232	1 \		OUD	ARTESIA N		AND SURVE	YOR AREA T-21-S, R-24-E
	AND DIRECTION FROM NEAREST TOV	VN OR POST OFFICE	දිල _්	المنافعة الم		12. COUNTY OF	
5 MILES NW OF DISTANCE FROM PRO			35500 10000	HACHEN LEASE	17. NO OF	ACRES ASSIGNED	
LOCATION TO MEARI PROPERTY OR LEAST	ELINEUT.		640	1	TO THIS		
(Also to nearest drig DISTANCE FROM PRO TO NEAREST WELL 1				POSED DEPTH	20. ROTAR	Y OR CABLE TOOI	S
OR APPLIED FOR, ON			780	00'	ROT	-	DATE WORK WILL START
	3739' GL					1/15/	
		PROPOSED CASING	J AND CE	MENTING PROGRAM			
SIZE OF HOLL	GRADE, SIZE OF CASING	WEIGHT PER FO		SETTING DEPTH		QUANT	TTY OF CEMENT
12 1/4"	K-55, 9 5/8"	36"	1200'		800	CIRCULATE	Post ID-1
8 3/4"	L-80, K-55, 7"	26# & 2	3#	7800 1	945	CIRCULATE	1-12-99
				!	1		AFIT Loc
MARATHON I	PROPOSED INDIAN BASI HAS REQUESTED A POOL SHALL REQUIRE ADMINI WELL SHALL UTILIZE TH CH SHALL BE PLUGGED F	RULE CHANGE T STRATIVE APPR E EXISTING DR	O 320 OVAL F	acre spacing. Or a non-standard Te of the indian h	LOCATIO	ON.	
•	\ .					* ***	
N	127					· · · · · · · · · · · · · · · · · · ·	
	Dansaved	115/9	55			3	
	SCRIBE PROPOSED PROGRAM: re pertinent data on subsurface locati						tive zone. It proposal is to drill
SIGNED MA	Mr Damas	ezit	TITLE	DEILLING SU	۰۹۲،	DAT	P1/93
(This space for Fed	leral or State office use)						
PERMIT NO.				APPROVAL DATE			<u>.</u>
Application approval	does not warrant or certify that the applicant						itions thereou.
	(ORIG. SGD.) ARMANDO	A. LOPEZ	Acting	Assistant Field C Lands and Miner	ипсе Ma als	-	JAN 1 1 1999

_ HTTF _

APPROVIDBY



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28.25 00vergg?

DISTRICT I P.O. Box 1980, Hobbs, NM 86241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

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

DISTRICT II P.O. Drawer DD, Artonia, NM 68211-0719

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV P.O. BOX 2068, SANTA FR, N.M. 87604-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe. New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Code	Pool Name
INDIAN BASIN - UPPE	ER PENN GAS
Property Name	Well Number
INDIAN HILLS UNIT	18
Operator Name	Elevation
MARATHON OIL COMPANY	3739'
	INDIAN BASIN - UPPE Property Name INDIAN HILLS UNIT Operator Name

Surface Location

[UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	0	20	21 S	24 E		409	SOUTH	2324	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infill Co	nsolidation (Code Or	der No.			· · · · · · · · · · · · · · · · · · ·	
640	l								

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		, , , , ,			<u> </u>	
\				•		OPERATOR CERTIFICATION
						I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
	ļ		;			Walter Dung
						R. J. LONGMIRE
						DRILLING SUPERINTENDENT
	·					DEC. 1, 1998 Date
	I					SURVEYOR CERTIFICATION
						I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervisors and that the same is true and correct to the best of my belief.
						NOVEMBER 2, 1998 Date Surveyed
						MEX. 11 1372 4-06-98
		, 406. O		2324'		Certificate. No. RONALD ACEDSON 3239 GARY EUSON 12641

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. 1ft. toft. DST No. 2ft. toft. DST No. 3ft.

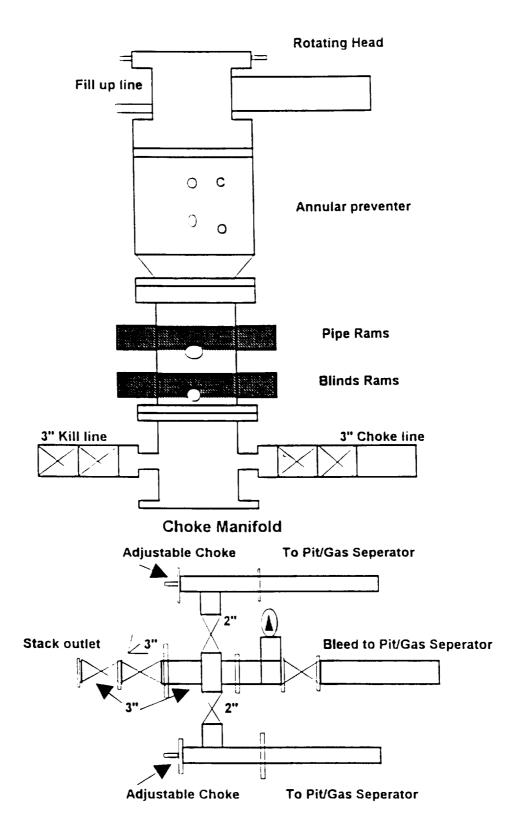
Drill Stem Testing Safety Rules are attached.

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

Production Stack

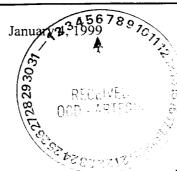




NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Marathon Oil Company P. O. Box 552 Midland, Texas 79702-0552 Attention: Walter J. Dueease



Administrative Order NSL-4191

Dear Mr. Dueease:

Reference is made to the following: (i) your application dated December 14, 1998, which was received on December 30, 1998; (ii) the records of the Division in Santa Fe; and (iii) Division Order No. R-9922-D, issued in Case No. 12006 dated December 7, 1998, which adjusted the Upper-Pennsylvanian pool boundaries in the area subject to your application: all concerning Marathon Oil Company's request for a non-standard oil/gas well location within a 314.54-acre standard spacing and proration unit for the Indian Basin-Upper Pennsylvanian Associated Pool comprising Lots 1, 2, 7, and 8 and the SE/4 (E/2 equivalent) of Section 20, Township 21 South, Range 24 East, NMPM, Eddy County, New Mexico.

The subject application has been duly filed under the provisions of Rule 104.F of the Rules and Regulations of the New Mexico Oil Conservation Division ("Division").

By the authority granted me under the provisions of: (i) Rule 2(c) of the "Special Rules and Regulations for the Indian Basin-Upper Pennsylvanian Associated Pool," as promulgated by Division Order Nos. R-9922, R-9922-A, R-9922-B, R-9922-C, and R-9922-D and the "General Rules and Regulations for the Associated Oil and Gas Pools of Northwest New Mexico and Southeast New Mexico," as promulgated by Division Order No. R-5353, as amended; and, (ii) Division General Rule 104.F(2), the following described well, to be drilled at an unorthodox oil/gas well location within the Indian Basin-Upper Pennsylvanian Associated Pool is hereby approved:

Indian Hills Unit Well No. 18 409' FSL - 2324' FEL (Unit O) of Section 20.

It is our understanding that this well is to be a replacement for Marathon Oil Company's Indian Hills Unit Well No. 2 (API No. 30-015-10618), located in Unit "O" of Section 20, which was drilled by Ralph Lowe in 1965 and produced from the Upper-Pennsylvanian interval until 1980 when this well was temporarily abandoned.

Further, Marathon Oil Company will assure that any and all wells in Section 20 producing from the Indian Basin-Upper Pennsylvanian Associated Pool are being operated pursuant to the requirements of Division Order No. R-9922-D.

Sincerely,

Lori Wrotenbery

Director

cc:

LW/MES/kv

New Mexico Oil Conservation Division - Artesia

U. S. Bureau of Land Management - Carlsbad