State of New Mexico Energy, Minerals & Natural Resources

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. 1st Street, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Divsiion 2040 South Pacheco Santa Fe, NM 87505

RECEIVES ubmit to appropriate District Office State Lease - 6 Copies

MAR - 1 2004

Fee Lease - 5 Copies

Operator Name and Address Marathon Oil Company P.O.Box 3128, Houston, Tx. 77253									² OGRID Numbe	r			
								20 00 00	³ API Number				
4Prope	n, 13c. //	7203		Name		30- 30- 01	015-27235 6Well No.						
6408				_IN	dian hills	ST COMM	 _		4				
					⁷ Surface I	Location		· 		·			
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from			Feet from the	East/West line	County			
E	36	20S	24E	<u> </u>	1880			660'	WEST	EDDY			
***************************************		8]	Proposed	Bottom	Hole Locati	ion If Differ	ent Fror	n Surface					
UL or lot no.	Section Township Range		Lot. Idn	Feet from t		South Line	Feet from the	East/West line	County				
	<u></u>	⁹ Proposed I	Pool 1	L		 		10 Proposed 1	Pool 2				
	Topic	المورية المساور											
	Ce	mezai	. : Mc.	trow (Ges	<u> </u>							
11 Work T	Гуре Code		Well Type Co		¹³ Cable/	-	14 Le	ease Type Code		Level Elevation			
¹⁶ Mu	N		G 17 Proposed Dep		Rot 18 Form	nation	19	Contractor		3634 ' Spud Date			
14Fri	ıltıpie		Proposed Dep	oth		nation COW		Contractor sy Energy	1	ASAP			
	·····			Propose		nd Cement P			L				
Hole S	Size	Casi	ing Size	T	weight/foot	Setting De		Sacks of Cem	ent Es	stimated TOC			
20"		 	L6"		55	40'	ърг	redi-miz		surface			
12.2			625"		32.3	1220	- 1	1100		surface			
8.75	5"		7"	23	3 & 26	7999		1100	+	-/- 1000'			
6.12	5"	4	.5"	1	LO.5#	9600	9600'			7300'			
				<u> </u>		<u> </u>			L				
Describe the	proposed prop	gram. If this:	application is	to DEEPEN	or PLUG BAC	K, give the data	on the pre	esent productive ze	one and proposed	new productive zon			
Describe the blow	-		-		-								
MARATHON OF approx. 150			TO Squee	ze off I	lagger Draw	; Upper Pe	osa <i>k m</i> m	c. perfs fro	m 7516' to 7	746'with			
Will then d	drill a 6	.125" hol	.e to 9600	'. Set a	4.5" line	r from 9600)'+/- to	7300'+/-, 0	ement in pla	ce with			
175 sks. of Well then v			in the Mr					1 .					
All BOPE sh					ling to OCD	rules #109) & #114	Ly					
7 1/16" 3M	Dual Ram	, amular	·.		-				-				
						lan on Fire	at CC	's Artesia (office.				
²³ I hereby certif			en above is tri	ue and com	plete to the	1001	OIL C	ONSERVAT	ION DIVISI	ON			
best of my know	ledge and be	lief.	~ - K		1	- V			A. S Es				
Signature:	Mr	<u>e 17</u>	Trk			Approved by:	·	2000		THATRICT II			
Printed name: M	ike Mick		-			Title: SUPBRVISON, DISTRICT II							
Title: Sr. Adv. Eng. Tech.						Approval Date: MAR 0 3 2004 Expiration Date: MAR 0 3 20							
Date:	Date: Phone:					Conditions of Approval:							
2-19-04 713-296-3254					.54	Attached							

MARATHON OIL COMPANY

H2S DRILLING OPERATIONS PLAN

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

- C. Clearly visible warning signs. 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.

2. WELL CONTROL SYSTEMS

A. Blowout Prevention Equipment

Equipment includes but is not limited to:

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

Auxiliary 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

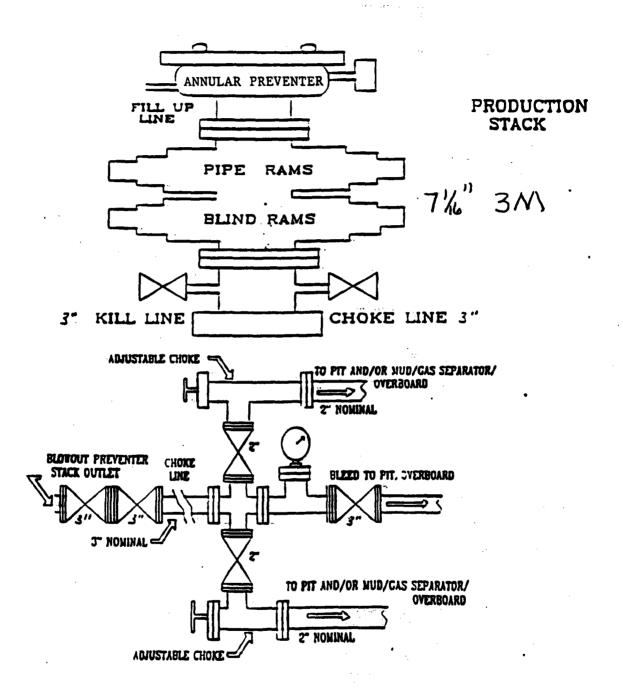
The rig contractor will be required to have two-way communication capability.

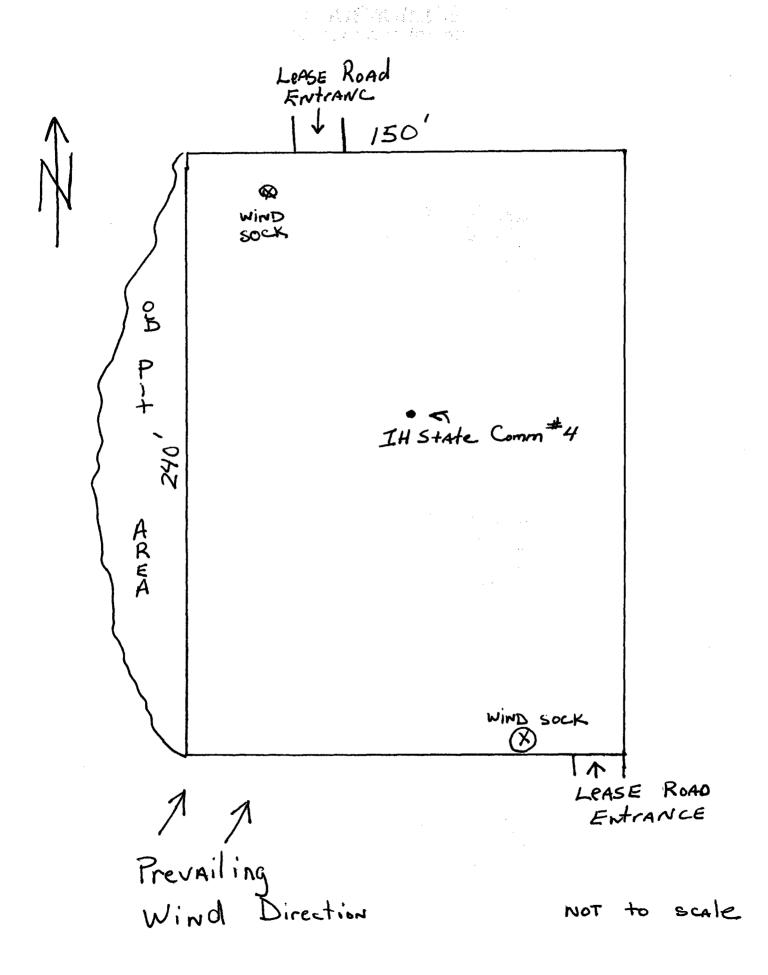
Marathon Oil Company will have either land-line or mobile telephone capabilities.

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.

III. WELL SITE DIAGRAM





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1000 Rio Brazos Rd., Aztec, NM 87410

2040 South Pacheco, Santa Fe, NM 87505

District III

District IV

State of New Mexico
Energy, Minerals & Natural Resources

Form C-102 Revised March 17, 1999

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505 Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

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¹ API Number 30-015-27235				² Pool Code 678960 I.							B. Morrow GAS				
⁴ Property	⁵ Property Name ⁶ Well Number														
6408	INDIAN HILLS STATE COM								······································		4				
7OGRID No.			⁸ Operator Name								⁹ Elevation				
0140	21		Marathon Oil Company 10 Surface Location									L	GL: 3634		
UL or lot no.	Section	Township	Range	el L	ot. Idn		om the	North/South line		Feet from the East/		West line Count			
E	36	205	· ·	1 -		1880'		North		660	WEST		EDDY		
11 Bottom Hole Location If Different From Surface															
UL or lot no.	Township			Lot. Idn		om the	North/South line		Feet from the	e East/West line		County			
12 Dedicated Acres	. 1		14 Consolidatio	solidation Code 15 Orde		er No.	No.								
320 N	VZ		<u> </u>		<u> </u>								·		
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