District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fe, NM 87505

District IV

State of New Wexing Energy Minerals and Natural Resources

Form C-101 May 27, 2004

Oil Conservation Division & 1220 South Springs Dr. 3

Submit to appropriate District Office

☐ AMENDED REPORT

Proposed Bottom Hole Location   Forestrom Surface	APP	<u>LICA II</u>	UN FU	<u>K PEKMIII</u>	<u> 10 D</u>	KILL, KE	(ANIII)	LK, D	CLICI	PLUGBA	<u> </u>	UK AD	DAZONE	
Property Code	MARBOB	ENERGY	CORPOR	A'P <b>POM</b> or Name	and Addre	SS	Y21,	10.00	199	•	,00	GRID Number	ŗ	
RETEGIA NM   38711-0727   Froperty Name   Froperty Name   Well No.	PO BOX	227				11/07	10	10168			3 A	API Number		
**Proposed Pool 1  **Frompterly Name**  **Proposed Pool 1  **From Surface Location**  **Increase Section Township Range**  **Increase Type Code**  **Additional Well Information**  **Increase Type Code**  **Per Form the NambSouth line**  **Per Form the NambSouth line**  **Increase Type Code**  **Per Form the NambSouth line**  **Per Form	ARTESTA	. NM	88211-0	227		1407	- 7			30 - 015 - 3	<u>435</u>	3		
FOREHAND RANCH; BONE SPRING (2460)  Township   Township	<sup>3</sup> Prope	rty Code				Proper	ty Name	ame 6 Well No.						
FOREHAND RANCH; BONE SPRING (2460)  Township   Township	302	638	İ		WA	LTERSCHE	ID 23				l		1	
FOREHAND RANCH; BONE SPRING (24660)   Surface Location   Surface Location   Township   Range   Lot Idan   Feet from the   Natch South line   Feet from the   Estat/West line   County   EDDY			9	Dramaged Bool 1				10 Decread Real 2						
Total to a   Section   Section   Section   Township   Range   Lot Idn   Feet from the   Nexth/South line   Feet from the   East/West line   County	FORFUAT	אוז או מוא			(2466	ω)		Cass Doc 111 Do la man						
Control   Cont	POREIIA.	IND IVERTIC	JII. DON	E SIKING	(2400			<del></del>			د ح	1561-		
**Proposed Bottom Hole Location if Different From Surface  **Le or lot no. Section** Township** Range** Lot lab** Feet from the North-Souds line** Feet from the Eash/West line** County  **Additional Well Information**  **Additional Well Information**  **Additional Well Information**  **Additional Well Information**  **Bank P						<u> Surfac</u>	e Locat	tion						
Proposed Bottom Hole Location If Different From Surface	UL or lot no.	Section	Township	Range	Lot	i I				Feet from the	East/West line		County	
Proposed Bottom Hole Location If Different From Surface	1 1 1 7 1						1050		HTUC	660	WEST		EDDY	
County   C				<del></del>	1.75									
Additional Well Information    Work Type Code				Propo	sed Bott	om Hole Lo	cation If	Differen	it From Si	иттасе	·			
"Work Type Code P G R P P G G R P P G G R P P G G R P P G G R R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G G R R P P G G G R R P P G G G R R P P G G G R R P P G G G R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R R	UL or lot no.	or lot no.   Section   Township   Range			Lot	Lot Idn Feet from		North/S	South line	Feet from the	et from the East/We		County	
"Work Type Code P G R P P G G R P P G G R P P G G R P P G G R R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G G R R P P G G G R R P P G G G R R P P G G G R R P P G G G R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R R								<u> </u>						
"Work Type Code P G R P P G G R P P G G R P P G G R P P G G R R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G R P P G G G R R P P G G G R R P P G G G R R P P G G G R R P P G G G R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R P P G G G R R R R					Ac	lditional V	/ell Inf	ormati	on					
P G R P 3136' GL  "Multiple "Proposed Depth N "Formation "Centractor "Sput Date N 12550' WOLFCAMP "Invited Test Distance from nearest fresh water well Distance from nearest surface water  in Liner: Syntheticmils thick Clay   Pit Volumebbls Drilling Matchad_ Closed-Loop System	11 Work	Type Code		12 Well Type Co						Lease Type Code		15 Grou	and Level Elevation	
"Formation "Contractor "Spud Date 10/12/05   N			Ì				•				. I		136 GL	
N   12550     WOLFCAMP   Distance from nearest fresh water well   Distance from nearest surface water	1 16 N													
Distance from nearest fresh water well   Distance from nearest surface water	IV.					1				2			•	
in Liner: Symthetic	Denth to Grov			12220	Dietano			well	L	Distance from	near			
EXISTING  21 Proposed Casing and Cement Program  Hole Size  Casing Size  Casing weight/foot  Setting Depth  Sacks of Cement  Estimated TOC  17 1/2"  13 3/8"  48#  443'  400 SX  0  12 1/4"  9 5/8"  40#  5750'  1795 SX  0  8 3/4"  5 1/2"  17#  12537'  2115 SX  0  Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. seseribe the blowout prevention program, if any. Use additional sheets if necessary.  PROPOSE TO PERFORATE, ACIDIZE, TEST & POSSIBLY FRAC THE FOLLOWING BONE SPRING AND/OR DELAWARE ZONES UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED AS FOLLOWS:  SET CIBP + 35' CMT @ APPX 10200'.  3RD BONE SPRING  9079'-9092' (42)  750 GAL NEFE 7½ HCL  FOLLOWING: PLUG BACK TECHNIQUES WILL BE: DETERMINED: BASED ON: RESULT'S: OF PREVIOUS ZONE(S).  BONE SPRING 2  7150'-7156' (21)  BONE SPRING 3  6410'-6420' (11)  DELAWARE SAND 1  5592'-5618' (54)  DELAWARE SAND 1  5592'-5618' (54)  1250 GAL NEFE 7½ HCL  DELAWARE SAND 2  5366'-5382' (34)  750 GAL NEFE 7½ HCL  DELAWARE SAND 2  5366'-5382' (34)  750 GAL NEFE 7½ HCL  DELAWARE SAND 3  BRYAN G. ARRANT  Title:  DISTRICT II GEOLOGIST  Approval DaWIG 2 2 2006  Expiration Date: AUG 2 2 2006	Deput to Office	and water			Distant	c irom nearest I		*** ****		Distance Hon	Licar	on amiace Wa		
EXISTING  21 Proposed Casing and Cement Program  Hole Size  Casing Size  Casing weight/foot  Setting Depth  Sacks of Cement  Estimated TOC  17 1/2"  13 3/8"  48#  443'  400 SX  0  12 1/4"  9 5/8"  40#  5750'  1795 SX  0  8 3/4"  5 1/2"  17#  12537'  2115 SX  0  Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. seseribe the blowout prevention program, if any. Use additional sheets if necessary.  PROPOSE TO PERFORATE, ACIDIZE, TEST & POSSIBLY FRAC THE FOLLOWING BONE SPRING AND/OR DELAWARE ZONES UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED AS FOLLOWS:  SET CIBP + 35' CMT @ APPX 10200'.  3RD BONE SPRING  9079'-9092' (42)  750 GAL NEFE 7½ HCL  FOLLOWING: PLUG BACK TECHNIQUES WILL BE: DETERMINED: BASED ON: RESULT'S: OF PREVIOUS ZONE(S).  BONE SPRING 2  7150'-7156' (21)  BONE SPRING 3  6410'-6420' (11)  DELAWARE SAND 1  5592'-5618' (54)  DELAWARE SAND 1  5592'-5618' (54)  1250 GAL NEFE 7½ HCL  DELAWARE SAND 2  5366'-5382' (34)  750 GAL NEFE 7½ HCL  DELAWARE SAND 2  5366'-5382' (34)  750 GAL NEFE 7½ HCL  DELAWARE SAND 3  BRYAN G. ARRANT  Title:  DISTRICT II GEOLOGIST  Approval DaWIG 2 2 2006  Expiration Date: AUG 2 2 2006	Pit: Liner:	Synthetic	mi	ils thick Clay	Pit Vol	ume:bbl	s	Drilli	ng Method:					
EXISTING    Casing Size   Casing weight/foot   Setting Depth   Sacks of Cement   Estimated TOC		-		•							il-bas	ad T Gog/A	.; <sub>r</sub>	
Hole Size Casing Size Casing weight/foot Setting Depth Sacks of Cement Estimated TOC 17 1/2" 13 3/8" 48# 443' 400 SX 0  12 1/4" 9 5/8" 40# 5750' 1795 SX 0  8 3/4" 5 1/2" 17# 12537' 2115 SX 0  Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone escribe the blowout prevention program, if any. Use additional sheets if necessary.  PROPOSE TO PERFORATE, ACIDIZE, TEST & POSSIBLY FRAC THE FOLLOWING BONE SPRING AND/OR DELAWARE ZONES UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED AS FOLLOWS:  SET CIBP + 35' CMT @ APPX 10200'.  3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7½% HCL FOLLOWING. PLUG BACK TECHNIQUES WILL BE DETERMINED BASED ON RESULTS OF PREVIOUS ZONE(S).  BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL DELAWARE SAND 3 BRYANG. ARRANT DISTRICT II GEOLOGIST Approved by:  Intereby certify that the information given above is true and complete to the best for knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines	Ciose	a-Loop Syst		21							µ-Dasi	Cu L_ Clas/A	<u> </u>	
Hole Size Casing Size Casing weight/foot Setting Depth Sacks of Cement Estimated TOC 17 1/2" 13 3/8" 48# 443' 400 SX 0  12 1/4" 9 5/8" 40# 5750' 1795 SX 0  8 3/4" 5 1/2" 17# 12537' 2115 SX 0  Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone escribe the blowout prevention program, if any. Use additional sheets if necessary.  PROPOSE TO PERFORATE, ACIDIZE, TEST & POSSIBLY FRAC THE FOLLOWING BONE SPRING AND/OR DELAWARE ZONES UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED AS FOLLOWS:  SET CIBP + 35' CMT @ APPX 10200'.  3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7½% HCL FOLLOWING. PLUG BACK TECHNIQUES WILL BE DETERMINED BASED ON RESULTS OF PREVIOUS ZONE(S).  BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL DELAWARE SAND 3 BRYANG. ARRANT DISTRICT II GEOLOGIST Approved by:  Intereby certify that the information given above is true and complete to the best for knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines	EXIS'	TING			Propos	sed Casing	and Co	ement	Program	1				
17 1/2" 13 3/8" 48# 443' 400 SX 0  12 1/4" 9 5/8" 40# 5750' 1795 SX 0  8 3/4" 5 1/2" 17# 12537' 2115 SX 0  Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. PROPOSE TO PERFORATE, ACIDIZE, TEST & POSSIBLY FRAC THE FOLLOWING BONE SPRING AND/OR DELAWARE ZONES UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED AS FOLLOWS:  SET CIBP + 35' CMT @ APPX 10200'.  3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7½% HCL FOLLOWING-PLUG BACK TECHNIQUES WILL BE DETERMINED BASED ON RESULTS: OF PREVIOUS ZONE(S). BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL DELAWARE SAND 3 BRIGGS 1 a general permit 1, or no (attached) alternative OCD-approved Man 1 a general permit 1, or no (attached) alternative OCD-approved Man 1 a general permit 1, or no (attached) alternative OCD-approved Man 1 a general permit 1, or no (attached) alternative OCD-approved Man 1 a general permit 1, or no (attached) alternative OCD-approved Man 1 a general permit 1, or no (attached) alternative OCD-approved Man 1 a general permit 1 a genera											E-ti1TOC			
12 1/4" 9 5/8" 40# 5750' 1795 SX 0  8 3/4" 5 1/2" 17# 12537' 2115 SX 0  Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone, and proposed new productive zone, esseribe the blowout prevention program, if any. Use additional sheets if necessary.  PROPOSE TO PERFORATE, ACIDIZE, TEST & POSSIBLY FRAC THE FOLLOWING BONE SPRING AND/OR DELAWARE ZONES UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED AS FOLLOWS:  SET CIBP + 35' CMT @ APPX 10200'.  3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7½% HCL.  FOLLOWING: PLUG BACK TECHNIQUES: WILL BE: DETERMINED BASED ON: RESULTS: OF PREVIOUS ZONE(S).  BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL.  BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL.  DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL.  DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL.  Thereby certify that the information given above is true and complete to the best f my knowledge and belief. I further certify that the drilling pit will be onstructed according to NMOCD guidelines  a general permit , or a (attached) alternative OCD-approved plan  no (attached) alternative OCD-approved plan  PRODUCTION ANALYST  Title: DIANA J. BRIGGS  Title: PRODUCTION ANALYST  Title: DISTRICT II GEOLOGIST Approval Data AUG 2 2 2006  Expiration Date: AUG 2 2 2007  Expiration Date: AUG 2 2 2007  Expiration Date: AUG 2 2 2007					Casin								T	
Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. PROPOSE TO PERFORATE, ACIDIZE, TEST & POSSIBLY FRAC THE FOLLOWING BONE SPRING AND/OR DELAWARE ZONES UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED AS FOLLOWS:  SET CIBP + 35' CMT @ APPX 10200'.  3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7½% HCL FOLLOWING: PLUG BACK TECHNIQUES: WILL BE: DETERMINED: BASED ON RESULTS: OF PREVIOUS ZONE(S).  BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL DELAWARE SAND 1 5592'-5618' (54) 750 GAL NEFE 7½% HCL  Thereby certify that the information given above is true and complete to the best fm yknowledge and belief. I further certify that the drilling pit will be onstructed according to NMOCD guidelines — a general permit —, or a (attached) alternative OCD-approved man —  Tinted name: DIANA J. BRIGGS  Title: PRODUCTION @MARBOB. COM  1 Title: PRODUCTION @MARBOB. COM  DESCRIPTION DIVISION DISTRICT II GEOLOGIST  Approval Data MUG 2 22006  Expiration Date: AUG 2 22007 mail Address: PRODUCTION@MARBOB. COM							443'							
Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. PROPOSE TO PERFORATE, ACIDIZE, TEST & POSSIBLY FRAC THE FOLLOWING BONE SPRING AND/OR DELAWARE ZONES UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED AS FOLLOWS:  SET CIBP + 35' CMT @ APPX 10200'.  3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7½% HCL  FOLLOWING PLUG BACK TECHNIQUES WILL BE DETERMINED BASED ON RESULTS: OF PREVIOUS ZONE(S).  BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL  BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL  DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL  DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL  Thereby certify that the information given above is true and complete to the best fmy knowledge and belief. I further certify that the drilling pit will be onstructed according to NMOCD guidelines a general permit of a general permit	12	<u> 1/4" </u>	9	5/8"	40#		5750 <b>'</b>		1795 SX			0		
Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. PROPOSE TO PERFORATE, ACIDIZE, TEST & POSSIBLY FRAC THE FOLLOWING BONE SPRING AND/OR DELAWARE ZONES UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED AS FOLLOWS:  SET CIBP + 35' CMT @ APPX 10200'.  3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7½% HCL  FOLLOWING PLUG BACK TECHNIQUES WILL BE DETERMINED BASED ON RESULTS: OF PREVIOUS ZONE(S).  BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL  BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL  DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL  DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL  Thereby certify that the information given above is true and complete to the best fmy knowledge and belief. I further certify that the drilling pit will be onstructed according to NMOCD guidelines a general permit of a general permit	8 3/4" 5 1/2"					12537'		2115 SX			0			
PROPOSE TO PERFORATE, ACIDIZE, TEST & POSSIBLY FRAC THE FOLLOWING BONE SPRING AND/OR DELAWARE ZONES UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED AS FOLLOWS:  SET CIBP + 35' CMT @ APPX 10200'.  3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7½ HCL FOLLOWING: PLUG BACK TECHNIQUES: WILL BE: DETERMINED: BASED ON: RESULTS: OF PREVIOUS ZONE(S).  BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½ HCL DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½ HCL  Thereby certify that the information given above is true and complete to the best from knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines a general permit , or in (attached) alternative OCD-approved han .  Thereby certify that the information given above is true and complete to the best from knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines a general permit , or in (attached) alternative OCD-approved han .  Thereby certify that the information given above is true and complete to the best from knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines a general permit , or in (attached) alternative OCD-approved han .  BRYAN G. ARRANT  Title: DISTRICT II GEOLOGIST  Approval Data 12 2 2006 Expiration Date: AUG 2 2 2007.  Approval Data 12 2 2006 Expiration Date: AUG 2 2 2007.														
PROPOSE TO PERFORATE, ACIDIZE, TEST & POSSIBLY FRAC THE FOLLOWING BONE SPRING AND/OR DELAWARE ZONES UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED AS FOLLOWS:  SET CIBP + 35' CMT @ APPX 10200'.  3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7½ HCL FOLLOWING: PLUG BACK TECHNIQUES: WILL BE: DETERMINED: BASED ON: RESULTS: OF PREVIOUS ZONE(S).  BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½ HCL DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½ HCL  Thereby certify that the information given above is true and complete to the best from knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines a general permit , or in (attached) alternative OCD-approved han .  Thereby certify that the information given above is true and complete to the best from knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines a general permit , or in (attached) alternative OCD-approved han .  Thereby certify that the information given above is true and complete to the best from knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines a general permit , or in (attached) alternative OCD-approved han .  BRYAN G. ARRANT  Title: DISTRICT II GEOLOGIST  Approval Data 12 2 2006 Expiration Date: AUG 2 2 2007.  Approval Data 12 2 2006 Expiration Date: AUG 2 2 2007.								· · · · · ·			<del> </del>			
PROPOSE TO PERFORATE, ACIDIZE, TEST & POSSIBLY FRAC THE FOLLOWING BONE SPRING AND/OR DELAWARE ZONES UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED AS FOLLOWS:  SET CIBP + 35' CMT @ APPX 10200'.  3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7½ HCL FOLLOWING: PLUG BACK TECHNIQUES: WILL BE: DETERMINED: BASED ON: RESULTS: OF PREVIOUS ZONE(S).  BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½ HCL DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½ HCL  Thereby certify that the information given above is true and complete to the best from knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines a general permit , or in (attached) alternative OCD-approved han .  Thereby certify that the information given above is true and complete to the best from knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines a general permit , or in (attached) alternative OCD-approved han .  Thereby certify that the information given above is true and complete to the best from knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines a general permit , or in (attached) alternative OCD-approved han .  BRYAN G. ARRANT  Title: DISTRICT II GEOLOGIST  Approval Data 12 2 2006 Expiration Date: AUG 2 2 2007.  Approval Data 12 2 2006 Expiration Date: AUG 2 2 2007.	Describe t		L							L	<u> </u>		·····	
PROPOSE TO PERFORATE, ACIDIZE, TEST & POSSIBLY FRAC THE FOLLOWING BONE SPRING AND/OR DELAWARE ZONES UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED AS FOLLOWS:  SET CIBP + 35' CMT @ APPX 10200'.  3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7½% HCL FOLLOWING: PLUG BACK TECHNIQUES: WILL BE: DETERMINED: BASED ON: RESULTS: OF PREVIOUS ZONE(S).  BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL  Thereby certify that the information given above is true and complete to the best fmy knowledge and belief. I further certify that the drilling pit will be onstructed according to NMOCD guidelines								the data	on the prese	nt productive zone	and	proposed new	productive zone.	
DELAWARE ZONES UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED AS FOLLOWS:  SET CIBP + 35' CMT @ APPX 10200'.  3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7½% HCL  FOLLOWING: PLUG BACK TECHNIQUES WILL BE DETERMINED: BASED ON RESULTS: OF PREVIOUS ZONE(S).  BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL  BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL  DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL  DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL  I hereby certify that the information given above is true and complete to the best fmy knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines , a general permit , ar in (attached) alternative OCD-approved Nan .  Trinted name: DIANA J. BRIGGS Title: DISTRICT II GEOLOGIST  Approved by:  Title: DISTRICT II GEOLOGIST  Approval DaMUS 2 2006 Expiration Date: AUG 2 2 2007  Approval DaMUS 2 2006 Expiration Date: AUG 2 2 2007		-					-							
SET CIBP + 35' CMT @ APPX 10200'.  3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7½% HCL  FOLLOWING: PLUG BACK TECHNIQUES WILL BE DETERMINED BASED ON RESULTS: OF PREVIOUS ZONE(S).  BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL  BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL  DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL  DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL  Thereby certify that the information given above is true and complete to the best fruy knowledge and belief. I further certify that the drilling pit will be onstructed according to NMOCD guidelines a general permit , or in (attached) alternative OCD-approved Man .  Title: DISTRICT II GEOLOGIST  Approval DatUG 2 2 2006 Expiration Date: AUG 2 2 2007  Approval DatUG 2 2 2006 Expiration Date: AUG 2 2 2007					-						1	SPRING	AND/OR	
3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7½% HCL FOLLOWING: PLUG BACK TECHNIQUES WILL BE DETERMINED BASED ON RESULTS: OF PREVIOUS ZONE(S). BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL Thereby certify that the information given above is true and complete to the best fmy knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ageneral permit , or nattached) alternative OCD-approved and .  Title: DISTRICT II GEOLOGIST Approval Data SUG 2 2 2006 Expiration Date: AUG 2 2 2007  Approval Data SUG 2 2 2006 Expiration Date: AUG 2 2 2007	DELAW	ARE ZOI	NES UNT	IL COMMER	CIAL P	RODUCTIO	N IS	ESTAB	LISHED	AS FOLLOW	<b>S</b> :			
3RD BONE SPRING 9079'-9092' (42) 750 GAL NEFE 7½% HCL FOLLOWING: PLUG BACK TECHNIQUES WILL BE DETERMINED BASED ON RESULTS: OF PREVIOUS ZONE(S). BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL Thereby certify that the information given above is true and complete to the best fmy knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ageneral permit , or nattached) alternative OCD-approved and .  Title: DISTRICT II GEOLOGIST Approval Data SUG 2 2 2006 Expiration Date: AUG 2 2 2007  Approval Data SUG 2 2 2006 Expiration Date: AUG 2 2 2007	ርፑጥ ር	TRD _ '	251 CMT	A ADDV 1	02001									
FOLLOWING: PLUG BACK TECHNIQUES WILL BE DETERMINED: BASED ON RESULTS: OF PREVIOUS ZONE(S).  BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL  BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL  DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL  DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL  Thereby certify that the information given above is true and complete to the best f my knowledge and belief. I further certify that the drilling pit will be onstructed according to NMOCD guidelines a general permit , or in (attached) alternative OCD-approved plan . Approved by:  Tinted name: DIANA J. BRIGGS  Title: PRODUCTION ANALYST  Approval Data 16 2 2 2006 Expiration Date: AUG 2 2 2007  Approval Data 16 2 2 2007				_				750	OAT 31		Ļ			
BONE SPRING 2 7150'-7156' (21) 1000 GAL NEFE 15% HCL BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL  Thereby certify that the information given above is true and complete to the best from knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines a general permit , or in (attached) alternative OCD-approved plan .  Title: DIANA J. BRIGGS  Title: PRODUCTION ANALYST  -mail Address: PRODUCTION@MARBOB.COM  Total 1000 GAL NEFE 15% HCL  1000 GAL NEFE 15% HCL  OIL CONSERVATION DIVISION  Approved by:  Title: DISTRICT II GEOLOGIST  Approval Dataling 2 2 2006 Expiration Date: AUG 2 2 2007														
BONE SPRING 3 6410'-6420' (11) 1000 GAL NEFE 15% HCL DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL  Thereby certify that the information given above is true and complete to the best f my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines , a general permit , or in (attached) alternative OCD-approved plan .  Title:  PRODUCTION ANALYST  -mail Address: PRODUCTION@MARBOB.COM  DIONO GAL NEFE 15% HCL  1250 GAL NEFE 7½% HCL  OIL CONSERVATION DIVISION  Approved by:  DISTRICT II GEOLOGIST  Approval Data 116 2 2 2006  Expiration Date: AUG 2 2 2007				•			TERML				1	PREVIOU	S ZONE(S).	
DELAWARE SAND 1 5592'-5618' (54) 1250 GAL NEFE 7½% HCL  DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL  I hereby certify that the information given above is true and complete to the best from the properties of the design of the properties of the properties of the design of the properties of the properties of the design of the properties of the p													•	
DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL  I hereby certify that the information given above is true and complete to the best fruy knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ageneral permit and according to NMOCD guidelines ageneral permit and attached) alternative OCD-approved plan are inteded name: DIANA J. BRIGGS  Title: PRODUCTION ANALYST  Title: DISTRICT II GEOLOGIST  Approval Dataig 2 2 2006 Expiration Date: AUG 2 2 2007  Approval Dataig 2 2 2006	BONE	SPRING	3	6410	1-6420	) <b>'</b> (11)		1000	GAL NI	EFE 15% HC	L			
DELAWARE SAND 2 5366'-5382' (34) 750 GAL NEFE 7½% HCL  I hereby certify that the information given above is true and complete to the best fruy knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ageneral permit and name: DIANA J. BRIGGS  Title: PRODUCTION ANALYST  Title: PRODUCTION@MARBOB.COM  Title: PRODUCTION@MARBOB.COM  Total NEFE 7½% HCL  OIL CONSERVATION DIVISION  Approved by:  Title: DISTRICT II GEOLOGIST  Approval Dataig 2 2 2006 Expiration Date: AUG 2 2 2007	DELAW.	ARE SAI	ND 1	5592	'-5618	3' (54)		1250 GAL NEFE 7½% HCL						
I hereby certify that the information given above is true and complete to the best f my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines a general permit, or in (attached) alternative OCD-approved plan.  Title:  PRODUCTION ANALYST  Title:  PRODUCTION@MARBOB.COM  DISTRICT II GEOLOGIST  Approval Dataig 2 2 2006  Expiration Date: AUG 2 2 2007	• • •												ar str	
f my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines , a general permit , or in (attached) alternative OCD-approved plan .  Title: PRODUCTION ANALYST  -mail Address: PRODUCTION@MARBOB.COM  DIL CONSERVATION DIVISION  Approved by:  Title: DISTRICT II GEOLOGIST  Approval Datail 2 2 2006 Expiration Date: AUG 2 2 2007		<b>~~</b>		3500		(51)		. 50	411		Ī			
f my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines , a general permit , or in (attached) alternative OCD-approved plan .  Title: PRODUCTION ANALYST  -mail Address: PRODUCTION@MARBOB.COM  DIL CONSERVATION DIVISION  Approved by:  Title: DISTRICT II GEOLOGIST  Approval Datail 2 2 2006 Expiration Date: AUG 2 2 2007	<del></del>											<del> </del>		
onstructed according to NMOCD guidelines , a general permit , or n (attached) alternative OCD-approved plan .  Title: DISTRICT II GEOLOGIST  itle: PRODUCTION ANALYST  -mail Address: PRODUCTION@MARBOB.COM  Approval Dataling 2 2 2006  Expiration Date: AUG 2 2 2007					it	OIL CONSERVATION DIVISION								
rinted name: DIANA J. BRIGGS Title: DISTRICT II GEOLOGIST  itle: PRODUCTION ANALYST Approval Dataling 2 2 2006 Expiration Date: AUG 2 2 2007  -mail Address: PRODUCTION@MARBOB.COM									OIL C	SINDLICTIII	1	V DI VIO	1011	
rinted name: DIANA J. BRIGGS Title: DISTRICT II GEOLOGIST  Approval Data II 2 2 2006 Expiration Date: AUG 2 2 2007  -mail Address: PRODUCTION@MARBOB.COM	constructed	according t	o NMOCD	guidelines 🖳 a	general p	ermit 🗀, or	Appro	oved by:						
rinted name: DIANA J. BRIGGS Title: DISTRICT II GEOLOGIST  Approval Data II 2 2 2006 Expiration Date: AUG 2 2 2007  -mail Address: PRODUCTION@MARBOB.COM	an (attached	) alternativ	e OCD-app	roved plan	170	$\supset$				TA A SECTION	ļ.,	ייו א פעפע	н	
itle: PRODUCTION ANALYST Approval Datail 2 2 2006 Expiration Date: AUG 2 2 2007 -mail Address: PRODUCTION@MARBOB.COM	D :	D.T.4.**	A T D-	TOGG	1/2	AAING	\				1			
-mail Address: PRODUCTION@MARBOB.COM	rinted name	: DIAN	A J. BR	TRRS / NV		2 Will	Title:			DISTRIC	ÏΓI	LGEOL	UGIST	
-mail Address: PRODUCTION@MARBOB.COM	Title:	PROD	JCTION	ANALYST	V	0	Appro	oval Dat	IIG 2 2	2008 E	xpirat	tion Date: A	เกิดจากครั้ง	
	E moil A 44				M				<del>~~~~</del>	• #AAA	1	HL	10 % & COOL	
Phone: (505) 748-3303   Conditions of Approval Attached	c-mall Addre	SS: PKUD	OCT TONG	TIARDUB, CU	rı						<del> </del>			
2,20,00	Date:	8/16/0	6	Phone: (5	05) 74	8-3303	Condi	itions of A	pproval Atta	ached $\square$				
	<del></del>	-1 -010	-		, ,-						+			

POPESSIO