660' FSL & 660' FWL At proposed prod. sole Same Unit 4. Distance in Milles east of Carlsbad. NM 9 miles east of Rols insert. 10 browsto string industry 11 miles to east an encomptone to care and the string process of the indust for the process of the process of the process of the process of t					1999 - 1999 -				
APPLICATION FOR PERMIT TO DRILL OR DEEPEN b. ************************************		DEPARTMENT	OF THE INTE	RIOR	Other instru	etiol	Budget Bureau No. 1004-0136 Expire:: December 31, 1991 5. LEASE DESIGNATION AND SEBIAL NO.		
a. Tries or Solar DELLE DEEPEN Image: Construction of the solar of the s									
Strate of virtual control Strate of virtual control water of virtual control virtual vir	a. TYPE OF WORK						7. UNIT AGRIEMEN	TNAMB	
This dot with orms form		GAB		SINGLE [MULTIP				
Automation District Production Constrained and Product Production P. O. Box 1518 Roswell. NM 88202 Production 660' FSL & 660' FWL At proper depend one Same Outling of the set of th	. NAME OF OPERATOR	WELL OTHER	0017		ZONE		Nix Fede	100	
P. O. Box 1518 Roswell. NM 88202 Decorror of values Same Unit Faile Same Tool, so Window 660' FSL & 660' FWL Same Unit CM At properd prod. sos Same Unit CM 9 miles cast of Carlsbad. NM Sec. 27-721S-R28E Sec. 27-721S-R28E 12 convert of produces Sec. 27-721S-R28E Sec. 27-721S-R28E 2 default in states of the cast of Carlsbad. NM Sec. 27-721S-R28E Sec. 27-721S-R28E 10 mainter from the cast of Carlsbad. NM Sec. 27-721S-R28E Sec. 27-721S-R28E 11 mode to searce for produces 10 no or actes in Less 11 no or actes associations Sec. 27-721S-R28E 12 construct produces 13 no or actes in Less 10 no or actes in Less 11 no or actes associations 10 no actes and not sector in the cast of a ads 13 marks the of the cast of			18911	50	5/622-3	3770			
At proceed 660' FSL & 660' FWL At properd prot. sees Same Unit CM A particle is wither and bibleCrose reask managed on protecting Sec. 27-T218-R28E B miles cast of Carlsbad. NM Sec. 27-T218-R28E Control for recently Sec. 27-T218-R28E B miles cast of Carlsbad. NM If no or acting in thema A particle for the recently Control for recently B particle for thema Sec. 27-T218-R28E B particle for thema Control for recently B particle for thema Sec. 27-T218-R28E B particle for thema Sec. 100'									
At properd prod. core Same Unit Mailes to use and point for the formation of core or price." Sec. 27-T21S-R28E 12 control of point for point for the formation of core or price." Sec. 27-T21S-R28E Sec. 27-T21S-R28E 12 control of point for point for point for point for the formation of core or price." Sec. 27-T21S-R28E Sec. 27-T21S-R28E 13 control of point for po	At surface			Fenton; Delaware 74370					
4 Difference in willing and Difference and the set of the order order of the order of the order of the order of the	At proposed prod.		()						
9 miles east of Carlsbad. NM Eddy New Mexico 2 Detrice row many many many many many many many many	4. DISTANCE IN MILI		LAT TOWN OR POST OFF						
b Description 16. %0. or A create in Lease Control to conserve data (ALLES to conserve data), unit inc., if any, the to conserve data, unit inc., if any, the constraint of the constrain	9 miles e	east of Carlsba	d, NM		*		1		
8. DERXN'S FROM FROMED LOCATION* TO MAINED FOR ON THE LARK TY. 2640' 16. PROPORED SETEN 6. 100' 20. BOTART OR CALL FOLLAR Rotary Rotary 22. APPROX. DATH WORK WILL START* 3173' CL CENTRO CONTROLLAD 1373' CL CENTRO CONTROLLAD 173' CL CENTRO CONTROLLAD 173' CL CENTRO CONTROLLAD 173' CL CENTRO CONTROLLAD 173' CL CENTRO CONTROLLAD RETING DEFT: 22. APPROX. DATH WORK WILL START* 22. APPROX. DATH WORK WILL START* 21. 21. 21. 21. 21. 21. 21.	LOCATION TO NEAR Property or Lear	REAT BR LINE, FT. 61					DF ACRES ASSIGNED HIS WELL		
1. HEVATIONS (Show whether DP, RT, GR, etc.) 3173' GL Capitan Controlled Water Basely July 15, 1995 A PROPOSED CASING AND CEMENTING PROGRAM #ITE OF ROLE GALAGABING CABING AND CEMENTING PROGRAM #ITE OF ROLE Station Cabing Station C	8. DISTANCE FROM P	BOFOSED LOCATION [®]		•		-			
3173' CL Challan Controlled Water State July 15, 1995 FROPOSED CASING AND CEMENTING PROGRAM State of the			540'	6,100)'				
PROPOSED CASING AND CEMENTING PROGRAM NUMPORE STRING AND CEMENTING PROGRAM MUD PROGRAM: NUD WT: VIS. W/L Control NO W/L control. NO W/L control. NO W/L control. MUD WT: VIS. W/L control. NO W/L control. ADOV SED PROGRAM: A 10" 3000 psi wp Schaffer Type E double hydraulic BOP Set END WE will be used as a 2000 psi wp system and will be tested daily. MAY 1 1995 MAY 1 1995 Approval Colspan="2">Colspan="2">May 1 for: ADOVE SPACE DESCREP PROGRAM: ADOVE SPACE DESCREP PROGRAM: May 1 1995 ADOVE SP		whether Dr. RI, UK, etc.)	3173'GL 🕴	Capitan Cor	itrelled W	ator Bae	July 15,	1995	
17 1/2" 13 3/8" J = 55 54.5# 400' Circ. 425 sx "C" to surf. 11" 8 5/8" J = 55 24.0# 2200' See Below Tieback 300 sx lite + 200" 11" 8 5/8" J = 55 24.0# 2200' See Below Tieback 300 sx lite + 200" 11" 8 5/8" J = 55 32.0# 2500' Tieback 300 sx lite + 200" 7 7/8" 5 1/2" J = 55 15.5# 6100' Tieback 300 sx lite + 200" 0' - 400': Fr/Wtr w/gel & Im: 8.7-8.9 ppg 34-36 No W/L control. 400' - 2500': Brine mud: 10.0-10.2 ppg 28 No W/L control. 2500' - 6100': Cut brine mud: 8.7-9.2 ppg 32-34 W/L cont. 10cc BOP PROGRAM: A 10" 3000 psi wp Schaffer Type E double hydraulic BOP ECELVED 8 5/8" casing. Casing and BOP will be tested before drilling out with 7 7/8". The BOP will be used as a 2000 psi wp system and will be tested daily. MAY 1 1595 Approxial Subjectores March 24.5 ct.9 March 24.5 ct.9 J March 24.7 HLD Aportie School March 24.5 ct.9 </td <td>·····</td> <td>F</td> <td>PROPOSED CASING A</td> <td>ND CEMENTIN</td> <td>G PROGRA</td> <td>M</td> <td><u></u></td> <td></td>	·····	F	PROPOSED CASING A	ND CEMENTIN	G PROGRA	M	<u></u>		
11" 8 5/8" J-55 24.0# 2200' See Below 11" 8 5/8" J-55 32.0# 2500' Tieback 300 sx lite + 200" 7 7/8" 5 1/2" J-55 15.5# 6100' Tieback 300 sx lite + 200" MUD PROGRAM: MUD WT. VIS. W/L Control. 0" - 400': Fr/Wtr w/gel & Im: 8.7-8.9 ppg 34-36 No W/L control. 400' - 2500'. Brine mud: 10.0-10.2 ppg 28 No W/L control. 2500' - 6100'. Cut brine mud: 8.7-9.2 ppg 32-34 W/L cont. 10cc BOP PROGRAM: A 10" 3000 psi wp Schaffer Type E double hydraulic BOP FECENVED * 8 5/8" casing. Casing and BOP will be tested before drilling out with 7 7/8". The BOP will be used as a 2000 psi wp system and will be tested daily. MAY 1 1995 Arrowshill Cubicot 10 District 10 Suffer TP-1 Cortext 10 Cubicot 10 Cortext 10 Cubicot 10 Suffer TP-1 Cortext 10 Cubicot 10 MAY 1 1995 Attroch 10 Cubicot 10 Suffer TP-1 Cortext 10 Cubicot 10 Cortext 10 Cubicot 10 Cortext 10 Cubicot 10 Cut the tested before the tested daily. Attroch 10 Cubicot 10 Cut the tested before the te									
11" 8 5/8" J-55 32.0# 2500' Tieback 300 sx lite + 200" 7 7/8" 5 1/2" J-55 15.5# 6100' Tieback 300 sx lite + 200" MUD PROGRAM: MUD WT. VIS. W/L Control. 0' - 400': Fr/Wtr w/gel & lm: 8.7-8.9 ppg 34-36 No W/L control. 400' - 2500': Brine mud: 10.0-10.2 ppg 28 No W/L control. 2500' - 6100': Cut brine mud: 8.7-9.2 ppg 32-34 W/L cont. 10cc BOP PROGRAM: A 10" 3000 psi wp Schaffer Type E double hydraulic BOP Free Schutzer Schutz								<u>C" to sur</u>	
0' - 400': Fr/Wtr w/gel & Im: 8.7 - 8.9 ppg 34-36 No W/L control. 400' - 2500': Brine mud: 10.0-10.2 ppg 28 No W/L control. 2500' - 6100': Cut brine mud: 8.7 - 9.2 ppg 32-34 W/L cont. 10cc BOP PROGRAM: A 10" 3000 psi wp Schaffer Type E double hydraulic BOP ECREMINE (EXAMPLE) 8 5/8" casing. Casing and BOP will be tested before drilling out with 7 7/8". The BOP will be used as a 2000 psi wp system and will be tested daily. MAY 1 1995 Arrowsol 2000 psi wp system and will be tested daily. MAY 1 1995 Arrowsol 2000 psi wp system and will be tested daily. MAY 1 1995 Arrowsol 2000 psi wp system and will be tested daily. MAY 1 1995 Arrowsol 2000 psi wp system and will be tested daily. MAY 1 1995 Arrowsol 2000 psi wp system and will be tested daily. MAY 1 1995 Arrowsol 2000 psi wp system and will be tested daily. MAY 1 1995 Arrowsol 2000 psi wp system and will be tested productive zone and proposed new productive zone. If proposal is to doill or open directionally, give perinent data on aubsurface locations and measured and true vertical depths. Give blowable preventer program, if any. ABOVE SPACE DESCRIBE PROPOGRAM: If proposal is to deepen, give data on preventer program, if any. Agent for: March 28, 1	11"	8 5/8" J-55	32.0#	2500) '	Tieb	ack 300 sx		
400' - 2500': Brine mud: 10.0-10.2 ppg 28 No W/L control. 2500' - 6100': Cut brine mud: 8.7-9.2 ppg 32-34 W/L cont. 10cc BOP PROGRAM: A 10" 3000 psi wp Schaffer Type E double hydraulic BOP BOP<	MUD PR	OGRAM:	М	JD WT.	VIS.	V	V/L Control		
2500' - 6100': Cut brine mud: 8.7-9.2 ppg 32-34 W/L cont. 10cc BOP PROGRAM: A 10" 3000 psi wp Schaffer Type E double hydraulic BOP ECENVED 8 5/8" casing. Casing and BOP will be tested before drilling out with 7 7/8". The BOP will be used as a 2000 psi wp system and will be tested daily. Arrows 20-500 10 Linear 100 20-500 1	0	-							
A 10" 3000 psi wp Schaffer Type E double hydraulic BOP BEALT VGE () 8 5/8" casing. Casing and BOP will be tested before drilling out with 7 7/8". The BOP will be used as a 2000 psi wp system and will be tested daily. MAY 1 1995 Accretical Project 10 Correct P									
Agent for: March 28, 1995 BIGNED	A 10" 3 casing. used as C C F ABOVE SPACE DESC	3000 psi wp Schaffer Casing and BOP will a 2000 psi wp syste apprend Schlott (9 Contai Schlott (9 Contai Schulations Attached Ribe PROPOSED PROGRAM: 16p	l be tested bef em and will be t roposal is to deepen, give d	ore drilli tested dai	ng out wi ly. Oil	MAY MAY CO DIS	(8". The FOP v 1 1995 N. DIV. T. 2 <i>1/2</i> 1 new productive zone.	Vill be Post ID- 5-12-99 W Loc + B	
(This space for Federal or State office use) PERMIT NO	4.	· · · · · · · · · · · · · · · · · · ·		Agent fo	r:		Mar	ch 28, 199	
PERMIT NO.			TIELS _						
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:	(THE SPACE IOL P.	CUCTAL UL SLALE ULLCE UNP)							
APPROVED BY AN YOUR YOUR AND A CARDER DATE 4-24-95	Application approval de		cant holds legal or equitable			case which w	ould entitle the applicant t	o conduct operations the	
		a tolenan yaya		71.47 M.		NS ER	DATE	14-95	

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, fictations or fraudulent statements or representations as to any matter within its jurisdiction.

District I PO Box 1980, Hobbs, NM 8828-1980 District II PO Drawer DD, Artenia, NM \$211-0719 District III 1000 Rio Brazos Rd., Aziec, NE \$7410 District IV PO Box 2088, Santa Fe, NM 2004-2088

State of New Mexico Energy, Minerais & Natural Resources Department

OIL CONSERVATION DIVISION PO 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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT												
'API Number 30-015-28493				¹ Pool Code			Faura		•			
1 SO-O		24320 tenton;				, Delau	Delaware Well Number					
		NIX F	EDERAL							5		
' OGRID	No.				, Ot	erator	Name			* Elevation		
		READ	& STEV	ENS,							3173.	
¹⁰ Surface Location												
UL or lot no.			Lot Idi			North/South line						
XM	· 27	215	28E		660		SOUTH f Different Fro	660 Surface	WEST	<u> </u>	EDDY	
UL or lot po.	Section	Tewnship	Range	Lot id			North/South line	Feet from the	East/Wes	4 üpe	County	
020, 11, 20,												
¹² Dedicated Act 40	res " Joint	or infill " (Consolidatio	n Code	¹⁸ Order No.			· · · · · · · · · · · · · · · · · · ·			12-11, 111, 111, 111, 111, 111, 111, 111	
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												
16						ĺ		¹⁷ OPEI	RATOR	CERT	TIFICATION	
I hereby certify that the information contained here true and complete to the best of my knowledge and												
											• • • • • •	
									ī	7	í	
							Signature	<u> </u>	<u>A:</u>	Marte		
					George R. Smith,						agent for:	
	Printed Name Read & Stevens, Inc.						DC.					
								Title	-			
			۰.					March 28, 1995 Date				
			<u></u>			Ť		18SUR V	EYOR	CERT	IFICATION	
							,	11			n shown on this plas	
									•	-	il surveys made by at the same is true	
								and correct i	-			
								MARC Date of Sup	H 21-	EDIA		
NM-0486								- Signature and	See 1	cuiper 5	urveyer:	
Bass, In	nc., e	tal							NV-	10		
660'								REG	541	2:)	EER	
								SIERE	AND SUR	VEYE	MONNEER	
						ł		Certificate		- 1.13		
	<u></u>							Certificate	EEPSIN	54	1277	

READ & STEVENS, INC. Nix Federal, Well No. 5 BOP Specifications