MAY - 1 2009

District I State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 **Energy Minerals and Natural Resources** District II 1301 W Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410

District IV

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

June 16, 2001

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Submit to	appropriate	District	Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL DE-ENTED DEEDEN

Property Code   30.546   Surface				D A ZONE	JUNI	ul, N	רועו-עו	ı ısıx,	DEEL	EIN,				
Property Code   30.546   30.	Lime Rock Resources A, L.P.								j i					
Property Code									<sup>3</sup> API Number					
Surface   Location   Proposed Pool   ARTISLA, QUEEN-GRAYBURG-SA (3230)   Proposed Pool   ARTISLA, QUEEN-GRAYBURG-SA (3230)   Proposed Pool   ARTISLA, QUEEN-GRAYBURG-SA (3230)   Proposed Pool   Proposed Po											130-012	7 2	'   O T <sup>6</sup> Wel	)     No.
Surface Location   Township   Range   Tot lidn   Peet from the 1750   Surface Location   Township   Range   Tot lidn   Peet from the 1750   Surface   Township   Range   Township	305465 NW STA												3	
School   Torseton   School											<sup>10</sup> Prop	osed Po	ol 2	
**Proposed Bottom Hole Location If Different From Surface  **UL or lone**   Section**   Section**   To July    **Proposed Bottom Hole Location If Different From Surface**    **UL or lone**   Section**   Section**   Section**   Section**    **Modificational Well Information**    **Work 1-yee Code**   O			·											
Describe the blowout prevention program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone best of my knowledge and beitef.   Simulate as necessary for optimum production.   Produce well by flowing or pumping.		1					) line 1'			l .		•		
Additional Well Information    Work Type Code   Description   Work Type Code   Casing Notary   Cable/Rotary   Casing Very Code   Casing Level Elevation   Soft Contractor   So							····					1		
"CaberRetary ROTARY Secretary "Lease Type Code Not an Approved Bleution Source Secretary Notation Notation of Proposed Depth Notation Nota	UL or lot no	Section	Lownship	Range	Lot	Idn	Feet fro	m the	North/So	outh line	Feet from the	East/	West line	County
N			Inform				`							
21 Proposed Casing and Cement Program    Hole Size		N		О			ROT	ΛRΥ			S			3666'
Folic Size   Casing Size   Casing Weight/foot   Setting Depth   Sacks of Cement   Estimated TOC					epth									
Folic Size   Casing Size   Casing Weight/foot   Setting Depth   Sacks of Cement   Estimated TOC	<sup>21</sup> Propos	ed Casi	ng and	Cement Prog	ram									
2º 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 Describe the blowout prevention program, if any. Use additional sheets if necessary.  Drilling operations will utilize a closed loop mud system w/fresh water during surface hole and brine fluids after BOP info attached. Plan to drill a 12-1/4" hole to approx. 450', then set and cement 8-5/8" casing to 450'. Class C cement will be circulated back to surface.  Drill 7 7/8" hole to TD of approx. 3500'. Run OH logs. Set 5 ½" casing to TD and cement will be circulated back to surface.  Perforate the San Andres interval. Stimulate as necessary for optimum production. Produce well by flowing or pumping.  H2S levels are not expected to high enough to require a H2S Contingency Plan  2º Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new production.  Print a 1 2-1/4" hole of an and proposed new productive zo	Hole S	Size		asing Size	Casin	g weigh	t/foot	Setting Depth		Sacks of Co	Sacks of Cement		Estimated TOC	
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23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.  Signature.  Approved by:  Printed name George R. Smith:  Title:  POA Agent for Lime Rock Resources A, L.P.  E-mail Address grsmith 130@yahoo com  Date:  Phone.  OIL CONSERVATION DIVISION  Approved by:  Approved by:  Approved by:  Approved by:  Femall Address Ground Structure  OIL CONSERVATION DIVISION  Approved by:  Approved by:  Title:  Toologi87  Approval Date:  Conditions of Approval Attached	H2S levels	are not e	expected	to high enough	to requi	re a H	2S Cont	ingenc	v Plan					
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E-mail Address grsmith130@yahoo com  Date: Phone. Conditions of Approval Attached	1	nt for Lim	ne Rock I	Resources A. L.	Р.			Appro	vai Date:	514	iacoa T	expiration	on Date: 広ル	112011
Date: Phone. Conditions of Approval Attached	E-mail Addre	ess								<u>~/</u> \	, <u>, , , , , , , , , , , , , , , , , , </u>			4~~1
				Phone. (575) 623-49	40			Condi	tions of A	pproval A	ttached			

#### State of New Mexico

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

Revised October 12, 2005

DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NM 88210

### OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

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

DISTRICT IV

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Code Pool Name				
30-015-3705	7   3230	Artesia; Queen-Grayburg-San Andre				
Property Code 305465		operty Name V STATE	Well Number 31			
ogrid No. 255333	LIME ROCK F	Elevation 3666'				

#### Surface Location

-	UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	Ν	32	17-S	28-E		330	SOUTH	1750	WEST	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
ļ										:
	Dedicated Acres	Joint o	r Infill Co	nsolidation	Code Or	der No.		·		
	40				-					

# NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

Signature Date  George R. Smith, POA agent  Printed Name  SURVEYOR CERTIFICATION  I bereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  Y=649107.4 N  X=540978.1 E	OR A NON-STANDARD UNIT HAS BEEN APPROVED	D BY THE DIVISION
herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling agreement or a computer of such an including the pooling agreement or a computer of such an including the proposed and the pooling agreement or a computer of such an including the proposed agreement or a computer of such an including the proposed agreement or a computer of such an including the proposed agreement or a computer of such an including the proposed agreement or a computer of such an including the proposed agreement or a computer of such an including the proposed agreement or a computer of such an including the proposed agreement or a computer o		OPERATOR CERTIFICATION
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GEODETIC COORDINATES  NAD 27 NME  Y=649107.4 N  X=540978.1 E  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 supervision, and that the same is true and correct to the best of my belief.		or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an
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SURVEYOR CERTIFICATION  GEODETIC COORDINATES  NAD 27 NME  NAD 27 NME  Y=649107.4 N  X=540978.1 E  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 supervision, and that the same is true and correct to the best of my belief.		Bearge Amet 4/24/09 Signature Date
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NAD 27 NME  NAD 27 NME  Y=649107.4 N  X=540978.1 E    Shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.		SURVEYOR CERTIFICATION
Y=649107.4 N X=540978.1 E  true and correct to the best of my belief.		shown on this plat was plotted from field notes of actual surveys made by me or
1AT = 32 784416' N		
LONG. = 104.199996' W Date Surveyed, N MEX. 27/2LA	LAT.=32.784416* N	MARCH - 25 - 2008
Signature & Stray of Professional Surveyor	1 h.	Signature & Seat of
Monday of the state of the stat	CXXXXX	More Will I and a story to a
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	KXXXXX	ANI BIOM 18 1 - 2 MADIS 12 10 9
Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239	1750'	1 1

## BOP DIAGRAM 3000# SYSTEM

