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

State of New Mexico Energy Minerals and Natural Resources

Santa Fe, NM 87505

MAR 1 2 2010

RECEIVED

Form C-101
June 16, 200:

NMOGDIARTESIALE District Office

Oil Conservation Division
1220 South St. Francis Dr.

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO	DRILL, RE-ENTER,	DEEPEN,
PLUGRACK, OR ADD A ZONE		

Line Rock Resources A, LP 111 Hughy N, Suite 4600 10 Property Name Anthony 10 Proposed Poel 2 10 Proposed Bottom Hole Location IF Different From Surface 10 Proposed Bottom Hole Location IF Different From Surface 10 Proposed Bottom Hole Location IF Different From Surface 10 Proposed Bottom Hole Location IF Different From Surface 10 Proposed Bottom Hole Location II Different From Surface 10 Proposed Bottom Hole Location II Different From Surface 10 Proposed Bottom Hole Location II Different From Surface 10 Proposed Casing And Company Reage 1 July 10 Proposed Poel 2 10 Proposed Casing and Cement Program 10 Proposed Casing and Cement Program 11 Proposed Casing and Cement Program 12 Proposed Casing and Cement Program 13 Proposed Casing and Cement Program 14 Proposed Casing and Cement Program 15 Proposed Casing and Cement Program 16 Proposed Casing and Cement Program 17 Proposed Casing and Cement Program 18 Proposed Casing and Cement Program 19 Proposed Casing and Cement Program 19 Proposed Casing and Cement Program 10 Proposed Poel 2 10 Proposed Casing and Cement Program 10 Proposed Casing and Cement Program 10 Proposed Casing and Cement Program 11 Proposed Poel 2 12 Proposed Poel 2 13 Proposed Poel 2 14 Proposed Poel 2 15 Proposed Casing and Cement Program 16 Proposed Casing and Cement Program 17 Proposed Poel 2 18	PLUGBA	ACK, O	R AD	D A ZONE											
The property Code The property Name The	Operator Name and Address														
Proposed Social Proposed Pool Proposed Pool Proposed Pool Proposed Pool Proposed Bottom Hole Location Proposed B										25533					
Proposed Coasting and Cement Program Hole Store Casing size Casing weight/feet Self- Second Secon	• · ·								30 - 015						
Proposed Pool 2 Proposed Pool 3 Proposed P	³ Property Code ⁵ Property												No		
Surface Location Surface Location Township Range Lot lids Feet from the 105 SOUTH 30 EAST EDDY	380	<u> </u>		<u></u>		Anth	iony	·			<u> </u>	1			
Section Section Section Section Township Range Section Township Section Township Section Sec		Rod	lake	Proposed Pool 1; Glorieta-Yeso	او					¹⁰ Prop	osed Pool 2				
Proposed Bottom Hole Location If Different From Surface County Control School Township Range Lot Idn Feel from the Routh/South line Feel from the East/West line County	⁷ Surface	Location	n				٠								
Octobe Section Section Goomship Range Lot Idn Feet from the North/South-line Feet from the East/West line Country		i .						1 1							
Additional Well Information "Work Type Code No O O O O O O O O O O O O O O O O O O	⁸ Proposed	Bottom I	lole Loc	ation If Different	From S	urface					,				
"Work Type Code N O C Switch Type Code N O C R S 3629' "Multiple 1"Proposed Depth 1"Formation 1"Countercor 1"S Spud Date 7/12/10 21 Proposed Casing and Cement Program Hole Size Casing Size Casing weight/foot Setting Depth Sacks of Cement Estimated TOC 12 ½" 8.58" 24# 450' 375xx "C" + add. Surface 7.78" 5 172" 15 5# 4.800' 450 sx 35/65 Pov/C Lead 550 sx C Tail to surface 1.5 \$\frac{1}{2}\$	UL or lot no	Section	Fownship	o Range	Lot I	dn Feet	from the	North/South line Feet from the			East/West	East/West line County			
"Work Type Code N O C Switch Type Code N O C R S 3629' "Multiple 1"Proposed Depth 1"Formation 1"Countercor 1"S Spud Date 7/12/10 21 Proposed Casing and Cement Program Hole Size Casing Size Casing weight/foot Setting Depth Sacks of Cement Estimated TOC 12 ½" 8.58" 24# 450' 375xx "C" + add. Surface 7.78" 5 172" 15 5# 4.800' 450 sx 35/65 Pov/C Lead 550 sx C Tail to surface 1.5 \$\frac{1}{2}\$	Addition	al Well	Inform	ation			· · · · · · · · · · · · · · · · · · ·	1			· · · · · · · · · · · · · · · · · · ·				
Proposed Casing and Cement Program Formation Lower Yeso United 7/12/10					le :	13 Ca	ble/Rotary	T	14	Lease Type Code		15 Grou			
Proposed Casing and Cement Program Hole Size										<i>F</i> 5					
Proposed Casing and Cement Program Hole Size Casing Size Casing weight/foot Setting Depth Sacks of Cement Estimated TOC 12 1/4" 8 5/8" 24# 450" 375sx"C" + add. Surface 7 7/8" 5 1/2" 15 5# 4,800" 450 sx 35/65 Poz/C Lead	i e		-		h	l .		ļ				2	•		
Hole Size				4,000		1.07	VCI 1 C30	1		- Cinica	L		7712/10		
Hole Size	21 Propos	ed Casi	ng and	Cement Progr	am										
12 1/4" 8 5/8" 24# 450 375sx "C" + add. Surface 7 7/8" 5 1/2" 15 5# 4,800 450 sx 35/65 Poz/C Lead 2 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 Lime Rock Resources A, L P, proposes to drill/test the Lower Yeso formation Approximately 450 feet will be drilled with fresh water, then set and cement 8 5/8" surface casing to 450 feet Drill 7 7/8" hole to T D at approx 4,800". Run O/H logs Set 5 1/2" easing to T D and cement will be circulated back to surface. Will perforate the Yeso formation and stimulate, as necessary, for optimum production Produce well by flowing or pumping H2S levels are not expected to be high enough to require an H2S contingency program. See exhibit "A" for BOP. 31 hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: Approved by: OIL CONSERVATION DIVISION Approved by: Approved by: Approved Date Approval Date Approval Date Approval Date Conditions of Approval Attached Date. Phone Conditions of Approval Attached Conditions of Approval Attached						weight/foot	1	Setting De	nth .	Sacks of Ce	ement T]	Estimated TOC		
7 77/8" 5 1/2" 15 5# 4,800" 450 sx 35/65 Poz/C Lead 3 1			<u> </u>						1						
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Drill 77/8" hole to TD at approx 4.800°. Run O/H logs Set 5 1/2" casing to TD and cement will be circulated back to surface. Will perforate the Yeso formation and stimulate, as necessary, for optimum production Produce well by flowing or pumping H2S levels are not expected to be high enough to require an H2S contingency program. See exhibit "A" for BOP. 33 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: Approved by: Approved by: Approved by: Approved by: Approved Date POA agent for Lime Rock Resources A, L.P. E-mail Address gr smithl @hotmail com Date. Phone: Conditions of Approval Attached				oses to drill/test the	Lower Ye	so formation	Approxim	ately 450 f	eet will b	e drilled with fresh	water, then	set and	d cement 8 5/8"		
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Signature: Approved by: Printed name George R. Smith Title POA agent for Lime Rock Resources A, L.P. E-mail Address gr smith1@hotmail com Date. Phone Approved by: Conditions of Approved Attached				tion given above is to	tue and co	mplete to the									
Printed name George R. Smith Title POA agent for Lime Rock Resources A, L.P. E-mail Address gr smith1@hotmail com Date. Phone Approval Date Phone Conditions of Approval Attached	best of my knowledge and belief.					OIL CONSERVATION DIVISION									
Printed name George R. Smith Title POA agent for Lime Rock Resources A, L.P. E-mail Address gr smith1@hotmail com Date. Phone Title Approval Date Approval Date Approval Attached Conditions of Approval Attached	Signature:					Approved by:									
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George R. Smith Title POA agent for Lime Rock Resources A, L.P. E-mail Address gr smith1@hotmail com Date. Phone Approval Date Approval Date Approval Date Approval Date Conditions of Approval Attached	Printed name					Title acquir Reur									
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DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240

ĻOT 4

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102

12641

3239

Signature & Seal of Professional Surveyor

Certificate No. GARY G. EIDSON

10 114 0 119 ...

RONALD J. EIDSON

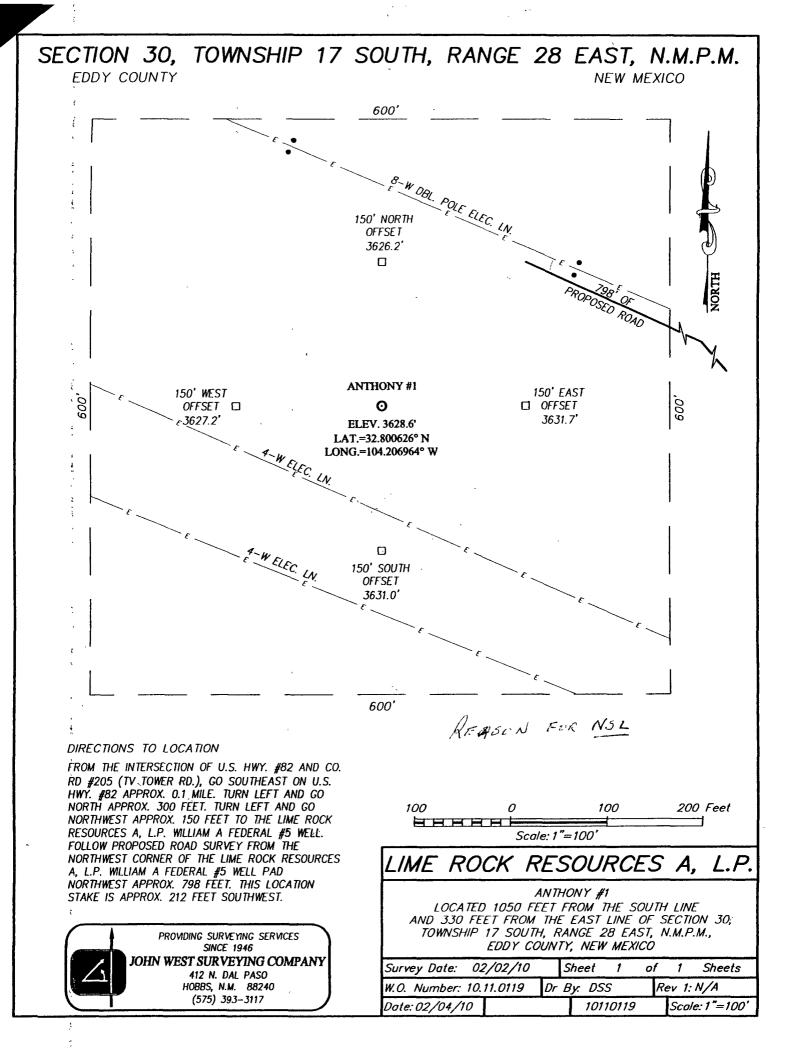
Revised October 12, 2005 it to Appropriate District Office

State Lease - 4 Copies

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

OIL CONSERVATION DIVISION

DISTRICT III 1000 RIO BRAZOS	RD., AZTEC,	NM 87410			ta Fe, New Me				Fee Lease - 3 Cop		
DISTRICT IV	S DR., SANTA FE	L, NM 87505	WELL LO	OCATIO	N AND ACR	EAGE DEDICAT	TION PLAT	□ AME	NDED REPOR		
30.0	7691						Pool Name L-Yeso, W &				
Property Code 38085				,	Property Name ANTHONY		Well Number				
OGRID N 25533				LIME	Operator Name ROCK RESOU		Elevation 3629'				
					Surface Locati	on					
UL or lot No.	Section 30	Township 17-S	Range 28-E	Lot Idn	Feet from the 1050	North/South line SOUTH	Feet from the 330	East/West line EAST	County EDDY		
<u>'</u> :]	J		Bottom H		ferent From Surface					
UL or lot No.	Section	Township			Feet from the	North/South line	Feet from the	East/West line	County		
Dedicated Acres	Joint or	nfill Co	posolidation Code		Order No.						
40											
						UNTIL ALL INTERE N APPROVED BY TH		CONSOLIDATED			
LOT 1			 					OPERATOR CERTIFICATION I hereby certify that the information herein is			
LOT	2	 	<u>.</u> .			*	true and comp belief, and tha working intere land including has a right to c to a contract w working intere	lete to the best of my knot t this organization either est or unleased mineral in the proposed bottom hol trill this well at this locat with an owner of such min est, or to a voluntary pool a compulsory pooling ord	owledge and owns a terest in the le location or ion pursuant neral or		
					,		Signature		3/10/10 Date		
			GEODETIC NAD	COORDIN 27 NME	IATES		Printed Na	R. Smith, Pomme	A agent		
SURFACE LOCATION						SURVE	YOR CERTIFICA	TION			
LOT 3			X=53	5001.8 N 8829.7 E 2.800626 4.20696	· N		this plat was p	rtify that the well location lotted from field notes of by me or under my super is true and correct to the b	factual vision, and		
							FEI Date Surve	BRUARY 2, 20	DSS		



BOP DIAGRAM 3000# SYSTEM

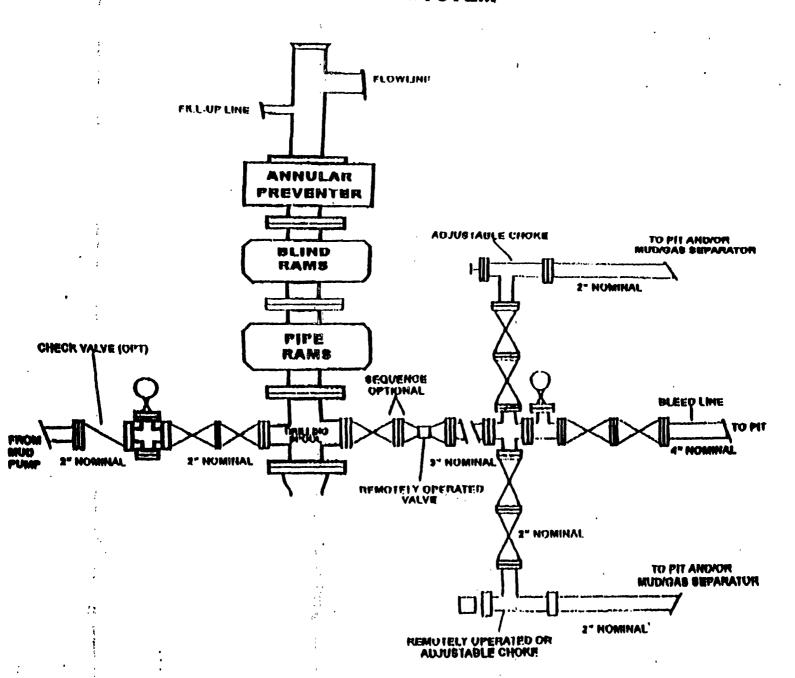


EXHIBIT "A"
LIME ROCK RESOURCES A, L.P.
BOP Specifications