<u>District I</u> 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

Form C-101 June 16, 2005

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

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN

Cognitive Name and Address Lime Rock Resources A, L.P.	PLUGBACK, OR ADD A ZONE															
Thouston, TX 77002 30 - O. N 378510	Operator Name and Address															
Houston, TX 77002 30 - QNS - 3/85 Q 30 - QNS	·								³ API Number							
Perspected Pool Artesia; Gloriela-Yeso (96830)			• •			30-015 -38510										
Proposed Pool 1 **Artesia: Gloricta-Yeso (96830) **Surface Location **Dutor lot no. Section Township Range Lot idn Feet from the North 330 West Eddy **Proposed Bottom Hole Location If Different From Surface **Unor lot no. Section Township Range Lot idn Feet from the North South line Feet from the East-West line County **Proposed Bottom Hole Location If Different From Surface **Unor lot no. Section Township Range Lot lidn Feet from the North-South line Feet from the East-West line County **Additional Well Information** **North Type Code "Well Type Code "Cable-Reasy "Lease Type Code "Ground Level Elevation North Type Code North Type Code "South Type Code North Type Co									√ame ⁶ Well No.					lo.		
Surface Location Surface Location Surface Location Township Range Lot hin Feet from the North South line Feet from the East/West line County																
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B Proposed Bottom Hole Location If Different From Surface U. or lot no Section Township Range Lot Idn Peet from the Nonth/South line Feet from the East/West Line County Additional Well Information "Work Type Code No O Rodary S Ground Lovel Elevation Safety No O Proposed Depth No O Promotion No O Promotion No O Proposed Depth No O Promotion No O Promotion No O Promotion No O Proposed Depth No O Promotion No O No				- Danie					on the Newto-Count line Co			East/W/act line				
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11 Work Type Code N O Rolary S 3604 Story Notary Notary Notary S 3604 Story Notary S 3604 Notary S 3							m the	North/South line		Feet from the	East/West line County		County			
11 Work Type Code N O Rolary S 3604 Story Notary Notary Notary S 3604 Story Notary S 3604 Notary S 3	Additional Wall Information															
N O Rotary S 3604 1 Multiple 17 Proposed Depth 17 Promation 18 Contractor N 19 Contractor N 20 Contractor N 2					ode	1	/Rotary	otary 14 Lease Type Code 15 Ground Level Elevation					Level Elevation			
21 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# 350' 300 sx "C"+ add Surface 7 7/8" 5 1/2" 14# 3,700' 350 Poz + 400 Lite Surface 20 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 Yeso formation. Approximately 350' will be drilled with fresh water, then set and cement 8 5/8" surface casing. to 350'. Drill 7 7/8" hole to T.D. at approx. 3,700'. Run OH logs. Set 5 1/2" casing 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 H2 S program. See Exhibit "A" for BOP. RECEIVED FEB 14 2011 NMOCD ARTESIA 23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. OIL CONSERVATION DIVISION Approved by: Appro			_	О	~	~ Rota			-							
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	Title								Approval Date: Approv							
Agent for Lime Rock Resources A, L.P.: E-mail Address Agent for Lime Rock Resources A, L.P.: (3/3/30)	Agent for Lime Rock Resources A, L.P.:								3/3	/20			~~·;'}	13/3013		
Date: Phone Conditions of Approval Attached \(\square\)	Date: Phone (Conditions of Approval Attached						
2/10/11 575-623-4940													, VO	· 		

BOP DIAGRAM 3000# SYSTEM

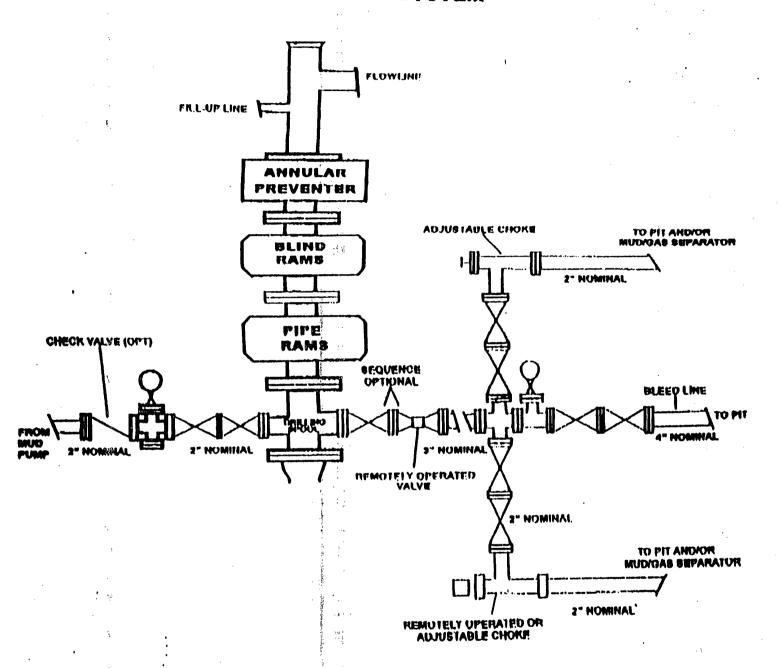


EXHIBIT "A"

LIME ROCK RESOURCES A, L.P.

BOP Specifications

