

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

Form C-101
May 27, 2004

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, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address CUERVO EXPLORATION, LLC P. O. BOX 95708, WICHITA FALLS, TX 76307		² OGRID Number 236148
		³ API Number 30-019-20133
⁴ Property Code 35163	⁵ Property Name CB	⁶ Well No. 1
⁹ Proposed Pool 1 WILDCAT PENNSYLVANIAN		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	7	10 N	24 E		1820	NORTH	1650	WEST	GUADALUPE

⁸ Proposed 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

Additional Well Information

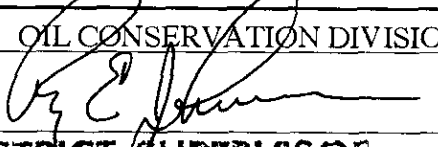
¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 4,612'
¹⁶ Multiple S	¹⁷ Proposed Depth 10,000'	¹⁸ Formation PRECAMBRIAN	¹⁹ Contractor UNKNOWN	²⁰ Spud Date DEC. 1, 2005
Depth to Groundwater >60'		Distance from nearest fresh water well >5,000'		Distance from nearest surface water >300'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: <u> </u> bbls Drilling Method: <u> </u>				
Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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"	54#	950' ✓	1,000	SURFACE
12-1/4"	9-5/8"	36#	3,150'	200	2,900'
7-7/8"	5-1/2"	17#	10,000'	800	9,000'

²² 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.

Use 5,000 BOP system

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/>		OIL CONSERVATION DIVISION	
Printed name: BRIAN WOOD		Approved by: 	
Title: CONSULTANT		Title: DISTRICT SUPERVISOR	
E-mail Address: brian@permitswest.com		Approval Date: 10/10/05 Expiration Date: 10/10/06	
Date: 10-4-05	Phone: (505) 466-8120	Conditions of Approval Attached <input checked="" type="checkbox"/> Reserve pit to be handled according to NMOC Rule 50.	

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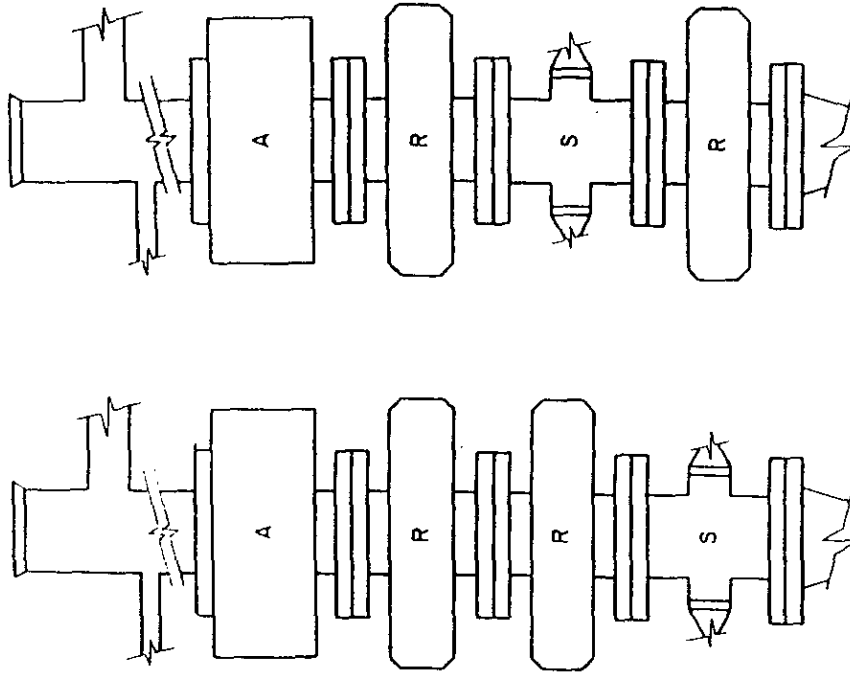
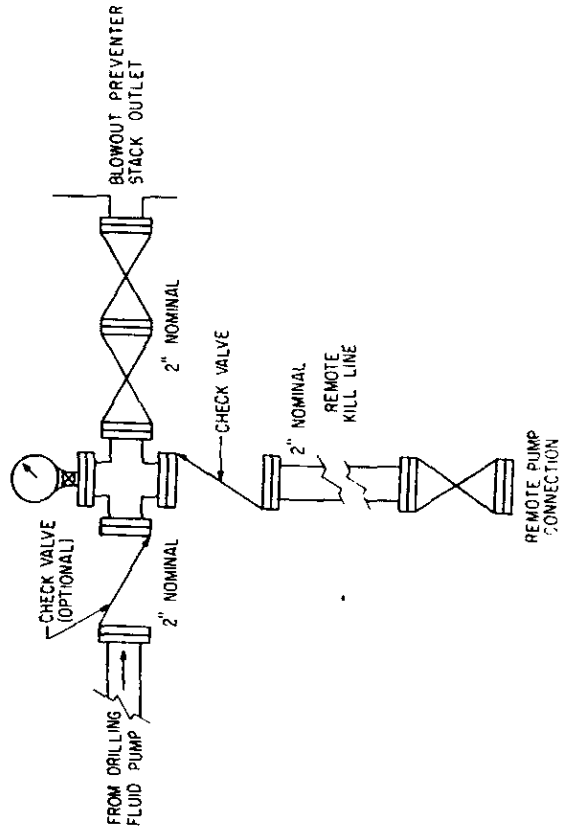
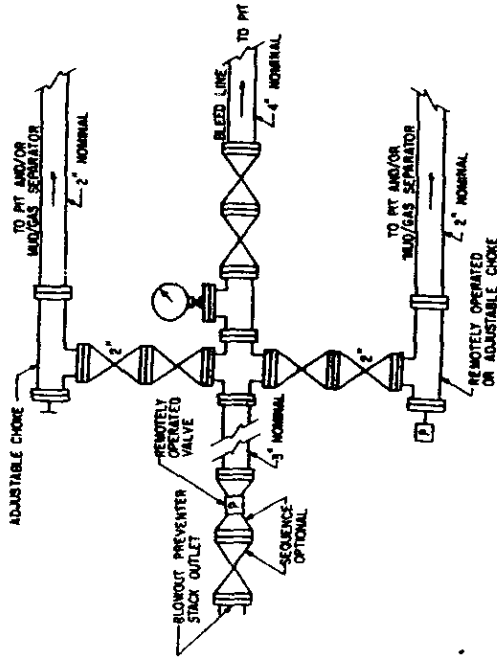
Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-019-		² Pool Code .		³ Pool Name WILDCAT PENNSYLVANIAN					
⁴ Property Code .		⁵ Property Name CB						⁶ Well Number 1	
⁷ GRID No. 236148		⁸ Operator Name CUERVO EXPLORATION, LLC						⁹ Elevation 4612	
¹⁰ Surface Location									
UL or lot no. F	Section 7	Township 10N	Range 24E	Lot Idn	Feet from the 1820	North/South line North	Feet from the 1650	East/West line West	County GUAD.
¹¹ 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
¹² Dedicated Acres 155.84		¹³ Joint or Infill		¹⁴ Consolidation Code C		¹⁵ Order No.			

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 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature BRIAN WOOD Printed Name CONSULTANT Title and E-mail Address brian@permitswest.com Date OCT. 4, 2005			
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field and actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey 17 September 2005 Signature and Seal of Professional Surveyor Certificate Number 8062			



TYPICAL 5,000 PSI WORKING PRESSURE BOP STACKS

A = Annular type blowout preventer
R = Ram
S = Drilling spool with side outlet connections for choke & kill lines