<u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 748-9720

State of New Mexico

Form C-101 Permit 56780

Energy, Minerals and Natural Resources

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

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

EOG RES	Name and Address SOURCES INC	2. OGRID Number 7377 3. API Number 30-015-35709		
	Box 2267 d , TX 79702			
4. Property Code	5. Property Name	6. Well No.		
36610	001			

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
Н	11	18S	29E	Н	1650	N	330	E	EDDY

8. Pool Information

WILDCAT; BONE SPRING 96403

Additional Well Information

	3700		IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		707
9. Work Type 10. Well Type New Well OIL		11. Cable/Rotary	13. Ground Level Elevation 3516		
		oosed Depth 7500	16. Formation 2nd Bone Spring Carbonate	17. Condractor	18. Spud Date
Depth to Ground water 125			Distance from nearest fresh water well > 1000	Distance to nearest surface water > 1000	
Liner: Synthetic D	_	mils thick		illing Method:	Diesel/Oil-based Gas/Air 🗙

19. Proposed Casing and Cement Program

Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	11.75	42	450	400	0
Int1	11	8.625	32	3200	875	0
Prod	7.875	5.5	17	7500	600	3000

Casing/Cement Program: Additional Comments

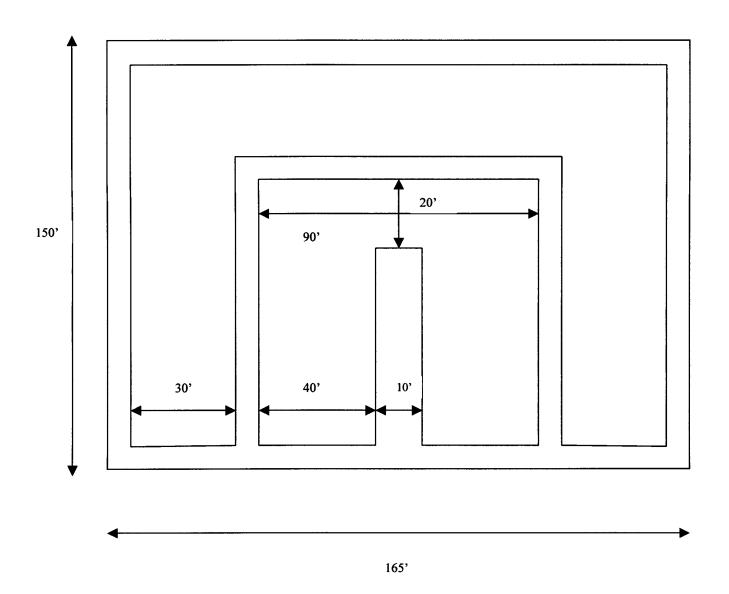
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- 71	I .

Proposed Blowout Prevention Program

	11000000 21011040111		
Туре	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

of my knowledge and belief.	n given above is true and complete to the best g pit will be constructed according to	OIL CONSERVATION DIVISION				
	al permit , or an (attached) alternative	Approved By: Bryan Arrant				
Printed Name: Electronicall	y filed by Donny Glanton	Title: Geologist				
Title: Sr. Lease Operations	Rep	Approved Date: 7/18/2007	Expiration Date: 7/18/2008			
Email Address: donny_glan	ton@eogresources.com	81				
Date: 7/9/2007	Phone: 432-686-3642	Conditions of Approval Atta	ched			

New Mexico Double Horseshoe Reserve Pit Design



Approximate Inside Reserve Volume: 4500 bbls Approximate Outside Reserve Volume: 5800 bbls

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico

Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

0.00							
1. API Number	2. Pool Code	Pool Name					
30-015-35709	96403 WILDCAT; BONE SPRING						
4. Property Code	5. Pr	6. Well No.					
36610	LOBO STATE 001						
7. OGRID No.	8. Op	9. Elevation					
7377	EOG RES	EOG RESOURCES INC 3516					

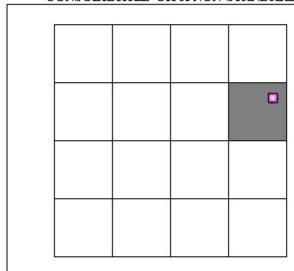
10. Surface Location

											_
3	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
	Н	11	18S	29E		1650	N	330	E	EDDY	

11. Rottom Hole Location If Different From Surface

	111 Dovoin 1102 Docation in Districtiv 110th builder										
UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
1071117/2017	cated Acres	13.	Joint or Infill		14	. Consolidation (Code		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



OPERATOR CERTIFICATION

Form C-102

Permit 56780

I hereby certify that the information contained 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(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Donny Glanton Title: Sr. Lease Operations Rep

Date: 7/9/2007

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.

Surveyed By: Terry Asel Date of Survey: 6/25/2007 Certificate Number: 15079

Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377 Well: LOBO STATE #001

API: 30-015-35709

OCD Reviewer	Condition
BArrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
BArrant	Operator to submit detailed mud and cementing program prior to spudding well.
BArrant	Operator to submit a H2S well contingency plan that meets NMOCD rule 118 or a letter of statement that such a plan is not required, whichever applies.
BArrant	Operator to set surface casing above the Salado. Please refer to offset geology for more information.