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

Title: Sr. Lease Operations Rep

Date: 3/7/2008

Email Address: donny_glanton@eogresources.com

Phone: 432-686-3642

State of New Mexico

Form C-101 Permit 70856

Energy, Minerals and Natural Resources

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

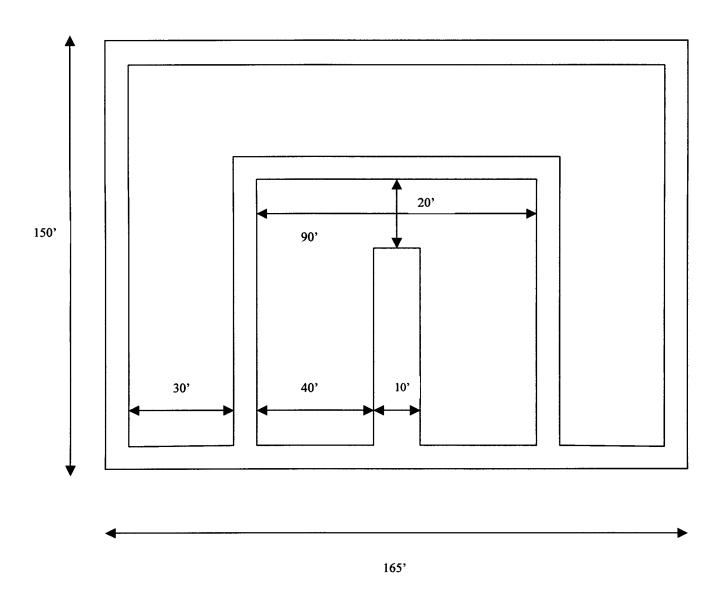
AI	PLICATIO				KE-EN	iet, Dee	EN, PLUGBA	0.5		
 Operator Nume and Address EOG RESOURCES INC 						2. OGRID Number 7377				
			P.O. Box						3. API Number	
			Midland , T	X 79702			30-015-36190			
	4. Property Cod	e			5. Property 1	Name			6. Well No.	
4. Property Code 37049				SN	002H					
				7. St	urface L	ocation				
UL - Lo	t Section	Townshi	p Range	5.1	Feet From		ue Feet From	E/W Lin	e County	
M	31	18S	23E	4	660	S	760	W	EDDY	
				8. P	ool Info	rmation				
OUR M	IILE DRAW;	WOLFCA	MP(G)						97	
				Addition	al Well	Informatio	n			
9. Wo	nk Type	10. Wel	1 Туре	11. Cable/Rotary		3	12. Lease Type	13. Ground Level Elevation		
New Well G.		GA	.S	M-00-00-00-00-00-00-00-00-00-00-00-00-00			State		4073	
14. Multiple 15. Propo		sed Depth	16. Formation			17. Contractor	17. Contractor 18. Spud Da			
ท 5200			200	Wolfcamp				87 10		
Depth to Ground water				Distance from nearest fresh water well					Distance to nearest surface water	
450				596-00	> 1000					
	:: Synthetic 💢 ed Loop System	_	mils thick	Clay Pit Vo	hme: <u>1030</u>		lling Method: sh Water ⊠ Brine [Diesel/Oil-b	ased Gas/Air	
			10 1	Proposed Ca	scing and	GASSOLEV STOOL	64/5			
Туре	Hole Size	Casing		Casing Weight		Setting Depth		Cement	Estimated TOC	
Surf	12.25	8.62		32		1200	74	-	0	
Prod	7.875	5.5	i .	17		8181	137	15	0	
			Casing	Cement Pr	ogram:	Additional	Comments			
					20100					
			Pr	oposed Blov	enut Pre	wention Pr	ทศาลาก			
Type Working Pressure						Test Pressure Manufacturer			Manufacturer	
DoubleRam 3000							3000	20		
					- 4					
	tify that the info vledge and belief		n above is true	and complete to	the best	OIL	CONSERVA	MOIT!	IVISION	
further o	ertify that the	hilling pit v		icted according						
	oved plan .	generat per	mut⊢,oran.	(attached) altern	A:	pproved By:	Tim Gum			
Printed Name: Electronically filed by Donny Glanton					Ti	Title: District Supervisor				
Title, Co. I and Occuption a Dan						A				

Approved Date: 3/14/2008

Conditions of Approval Attached

Expiration Date: 3/14/2010

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

Form C-102 Permit 70856

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

	ma accimion in a mor	derect block to the control of the c	•••
1. API Number	2. Pool Code	l Name	
30-015-36190	97415	W; WOLFCAMP(G)	
4. Property Code	5. Propert	y Name	6. Well No.
37049	SNAKE 31	002H	
7. OGRID No.	8. Operato	9. Elevation	
7377	EOG RESOU	4073	

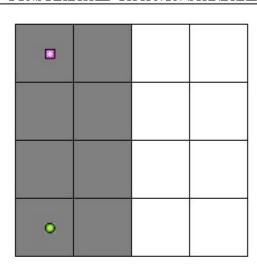
10. Surface Location

					direct not				
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	31	18S	23E		660	S	760	w	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	31	18S	23E	1	660	N	760	W	EDDY
1071111175775	12. Dedicated Acres 304.16		oint 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

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: 3/7/2008

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: 7/14/2008
Certificate Number: 15079

Permit Comments

Operator: EOG RESOURCES INC , 7377 Well: SNAKE 31 STATE #002H

API: 30-015-36190

Created By	Comment	Comment Date
dglanton	Plat, Detailed Casing, Mud, Cement, Drilling Plan and H2S letterwill be forwarded via regular mail.	3/7/2008

Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377 Well: SNAKE 31 STATE #002H

API: 30-015-36190

OCD Reviewer	Condition
kmwilson	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
kmwilson	Must use fresh water mud when drilling surface hole.