Printed Name: Electronically filed by Mike Francis

Email Address: mike_francis@eogresources.com

Phone: 4326863714

Title: ROW Agent

Date: 12/13/2005

State of New Mexico

Form C-101 Permit 19895

Energy, Minerals and Natural Resources

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

AΠ	DI ICATIO	IN FOR	DEDMIT	TO DRILL I	e ent	ED DEE	DEW 1	DI HCRAC	TZ OD A	DD 4 70NE	
Ar	PLICATIO	1. E0	Operator Nam OG RESOU PO Box		VE-EIVI	EK, DEE	PEN, I	PLUGBAC	2. OGRID 737 3. API Nu	Number 17	
Midland , TX 79702									30-015-34466		
4. Property Code 34779				5. Property Name MACKENZIE 13 FEE				6. Well No. 004H			
				7. Su	rface L	ocation					
UL - Lot Section Township Range Lot Idn Feet I		Feet From 660	n N/S L:			E/W Line E	County EDDY				
	•		·	8. Poc	ol Infor	rmation				•	
4OTTO	IWOOD CRE	EK;WC, V	WEST (GA:	S)						7	
				Additional	Well I	Informati	on		-		
9. Wa New	dk Type Well	10. Wel GA	1805 TUSA	11. Cable/Rotary			50000	. Lease Type 13. Ground Level E Private 3577		ound Level Elevation 3577	
14. 1	dultiple	15. Propo	sed Depth	16. Formation 17. Co			7. Contractor		18. Spud Date		
	И	52	200	Wo	lfcamp		14	4			
Depth to Ground water 100				Distance from	n nearest fi > 1000	iesh water well)	1	Distance to nearest surface wat > 1000			
	: Synthetic 💢 d Loop System	_	mils thick	Clay Pit Volu	me: <u>1030</u>				Diesel/Oil-ba	sed 🛛 Gas/Air 🗀	
			19.1	Proposed Cas	ing and	d Cement	Prog	ram			
Туре	Hole Size	Casing'	Гуре	Casing Weight/f	2 f	Setting Dept	h	Sacks of C	ement	Estimated TO	
Surf	9.875	7	- 5	26	-	AGAST 27 1000		500			
Prod	6.125	4.5	4500 A.U	11.6		8608	20200	750		0	
			Casing	/Cement Prog	gram: A	Additiona	l Con	nments			
			Pı	roposed Blowd	out Pre	vention P	rogra	m			
Type Working Pressure					Test Pressure Manufacturer						
D	oubleRam			3000			3000		(A)		
f my know	ledge and belief	Ifurther	ertify that th	e and complete to the drilling pit will be general permit	be	OIL	, COI	NSERVA'	TION D	IVISION	
n (attache	a (attached) alternative OCD-approved plan					Approved By: Bryan Arrant					
Printed Name: Electronically filed by Mike Francis					l Ti-	Title: Geologiet					

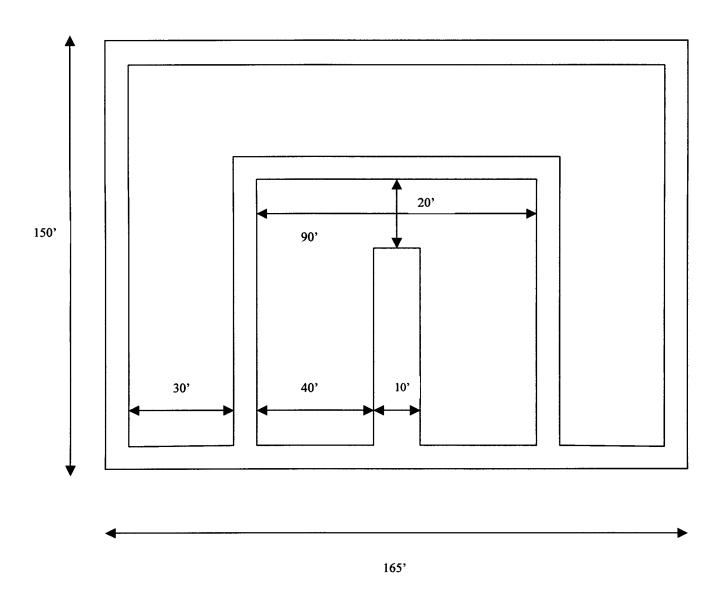
Title: Geologist

Approved Date: 12/14/2005

Conditions of Approval Attached

Expiration Date: 12/14/2006

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

1. API Number	2. Pool Code	l Name		
30-015-34466	75260 COTTONWOOD CREEK;WC, WEST (GAS			
4. Property Code	5. Prope	aty Name	6. Well No.	
34779	MACKEN	004H		
7. OGRID No.	8. Opera	9. Elevation		
7377	EOG RESO	3577		

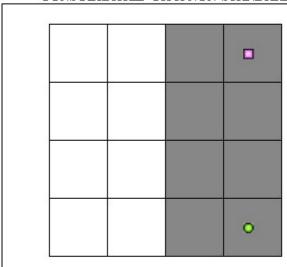
10. Surface Location

						darace not					_
3	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
	P	13	16S	24E		660	S	760	E	EDDY	l

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
Α	13	16S	24E	A	660	И	760	E	EDDY
	cated Acres	13. J	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

Form C-102

Pennit 19895

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

E-Signed By: Mike Francis

Title: ROW Agent Date: 12/13/2005

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: VL Bezner Date of Survey: 11/8/2005 Certificate Number: 7920

Permit Comments

Operator: EOG RESOURCES INC , 7377 Well: MACKENZIE 13 FEE #004H

API: 30-015-34466

Created By	Comment	Comment Date
MFRANCIS	Detailed Casing, Cement, Mud Program, Planning Report, H2S Letter and plat being sent today	12/13/2005

Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377
Well: MACKENZIE 13 FEE #004H

API: 30-015-34466

OCD Reviewer	Condition
BArrant	Will require a directional survey with the C-104
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	Please notify operator time of spud and time to witness the cementing to surface the water protection string of casing.
BArrant	Please note that an administrative approval from Santa Fe is required (SD). Another well location by same operator (API # 30-015-34356) is in same E/2 proration unit of section 13.