State of New Mexico

Form C-101 Permit 123470

Energy, Minerals and Natural Resources

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

APPLICATION FOR PE	ERMIT TO DRILL	RE-ENTER.	DEEPEN, P	PLUGBACK.	OR ADD A ZONE
THE PROPERTY OF THE PROPERTY O	TUILL I O DIGILL			TO OPITOIT.	OIL LIDE II LOIL

EOG I	tor Name and Address RESOURCES INC	OGRID Number 7377	
	.O. Box 2267 land, TX 79702	3. API Number 30-015-38291	
4. Property Code 38036	5. Property Name ELK WALLOW 11 STATE	6. Well No. 004H	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	11	25S	29E	P	50	S	430	E	EDDY

8. Pool Information

PIERCE CROSSING; BONE SPRING, EAST 96473

Additional Well Information

9. Work Type New Well	10. Wett Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3131	
14. Multiple N	15. Proposed Dep 12125	h 16. Formation Bone Spring	17. Contractor	18. Spud Date	
Depth to Ground	water	Distance from nearest fresi	h water well	Distance to nearest surface water	
Pit: Liner: Synthetic Closed Loop Syste	mils th	ck Clay Pit Volume:	bbls Drilling Method: Fresh Water X Brine	Diesel/Oil-based Gas/Air	

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	625	500	0
Int1	12.25	8.625	32	3150	1100	0
Prod	7.875	5.5	17	12125	1725	

Casing/Cement Program: Additional Comments

Proposed Blowout Prevention Program

Γ	Type	Working Pressure	Test Pressure	Manufacturer
	DoubleRam	3000	3000	

I hereby certify that the information given above is true and c of my knowledge and belief. I further certify that the drilling pit will be constructed a	OIL CONSERVATION DIVISION
NMOCD guidelines , a general permit , or an (attack OCD-approved plan .	
Printed Name: Electronically filed by Donny Glan	Title: District Supervisor
Title: Sr. Lease Operations Rep	Approved Date: 11/23/2010 Expiration Date: 11/23/2012
Email Address: donny_glanton@eogresources.com	
Date: 11/19/2010 Phone: 432-686-	Conditions of Approval Attached

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 123470

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		3. Pool Name
30-015-38291	96473	PIERCE CROSS	SING; BONE SPRING, EAST
4. Property Code	5. Prope	erty Name	6. Well No.
38036	ELK WALLOW 11 STATE		004H
7. OGRID No.	8. Operator Name		9. Elevation
7377	EOG RESO	URCES INC	3131

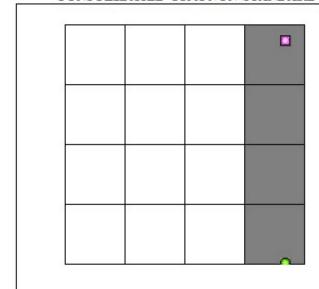
10. Surface Location

	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
,	P	11	25S	29E	12.00	50	S	430	E	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
A	11	25S	29E	A	330	N	430	E	EDDY
2500000000	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

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: 11/19/2010

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: 10/26/2010 Certificate Number: 15079

Permit Comments

Operator: EOG RESOURCES INC , 7377 Well: ELK WALLOW 11 STATE #004H

API: 30-015-38291

Created By	Comment	Comment Date
SWAGNER	C-102, Directional Drilling Plan, H2S Plan, C-144 CLEZ, all are being mailed to Artesia office. Pilot Hole depth 8300' TVD. Lateral depth 12125' TMD, 7395' TVD.	11/19/2010

Permit Conditions of Approval

Operator: EOG RESOURCES INC , 7377 Well: ELK WALLOW 11 STATE #004H

API: 30-015-38291

OCD Reviewer	Condition
Artesia	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string