

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease- 4 Copies
Fee Lease- 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015- 38291	Pool Code 96473	WILDCAT, BONE SPRING, EAST
Property Code 38036	Property Name ELK WALLOW 11 STATE	Well Number 4H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3131.7'

Surface Location

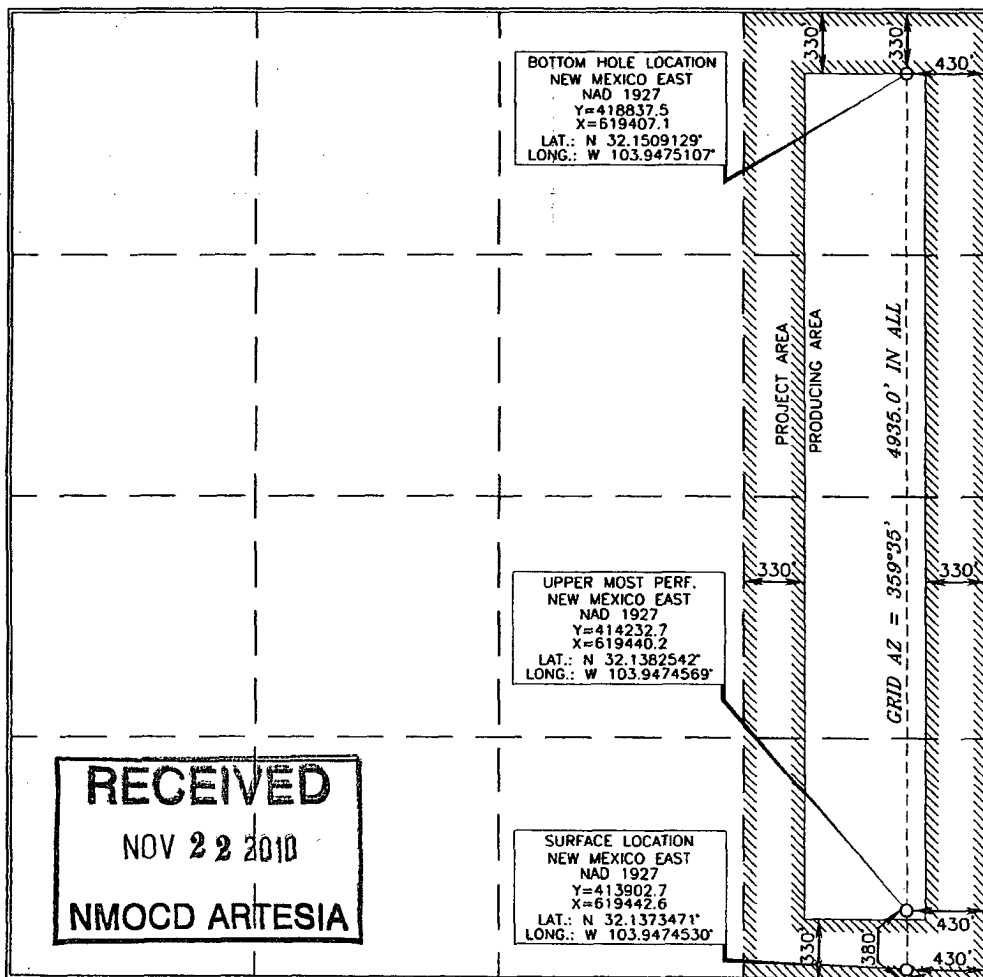
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	11	25 SOUTH	29 EAST, N.M.P.M.		50	SOUTH	430	EAST	EDDY

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
A	11	25 SOUTH	29 EAST, N.M.P.M.		330	NORTH	430	EAST	EDDY

Dedicated Acres 160	Joint or Infill	Consolidation Code	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, 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.

Stan Wagner 11/19/10
Signature Date

Stan Wagner
Printed Name

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.

15079
OCTOBER 26, 2010
Date of Survey
Signature and Seal of Professional Surveyor
Tommy J. Alford 11/1/2010
Certificate Number 15079

WO# 101026WL (KA)

RECEIVED
NOV 22 2010
NMOCD ARTESIA

Permit Information:

Well Name: Elk Wallow 11 State No. 4H

Location:

SL: 50' FSL & 430' FEL, Section 11, T-25-S, R-29-E, Eddy Co., N.M.

BHL: 330' FNL & 430' FEL, Section 11, T-25-S, R-29-E, Eddy Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
17.5"	0 – 625'	13.375"	48#	H40	STC	1.10	1.25	1.60
12.25"	0-3150'	8.625"	32#	J55	LTC	1.10	1.25	1.60
7.875"	0'-12,125'	5.5"	17#	N80	LTC	1.10	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
625'	500	14.8	1.32	Class C + 0.005 pps Static Free + 2% CaCl ₂ + 0.25 pps CelloFlake + 0.005 gps FP-6L (TOC @ surface)
3,150'	900	12.7	2.01	Class C + 2% SMS + 0.8% R-3 + 0.25 pps CelloFlake + 0.005 pps Static Free (TOC @ surface)
	200	14.8	1.32	Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
KO Plug 6600'–7200'	300	18.0	0.90	Class H + 0.005 lbs/sx Static Free + 5% Salt + 1.2% CD31 + 0.005 gps FP-6L
12,125'	1050	14.2	1.30	1 st Stage Cmt: 50:50:2 Class 'H' + 0.30% FL-52A + 0.20% CD-32 + 0.35% SMS + 5.00% Salt (2.454 lb/sk) + 0.45% R-3 + 0.005 lb/sk Static Free (Stage tool @ 5000')
	575	11.8	2.31	2 nd Stage Lead: 50:50:10 Poz:C:Gel+ 0.005 pps Static Free + 0.25 pps CelloFlake + 0.90% FL-52A + 0.30% ASA-301 + 0.15% SMS (TOC @ 2500')
	100	14.2	1.30	2 nd Stage Tail: 50:50:2 Class 'H' + 0.30% FL-52A + 0.20% CD-32 + 0.35% SMS + 5.00% Salt (2.454 lb/sk) + 0.45% R-3 + 0.005 lb/sk Static Free

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 625'	Fresh - Gel	8.6-8.8	28-34	N/c
625' – 3,150'	Brine	10.0-10.2	28-34	N/c
3,150' – 8,300' Pilot hole	Cut Brine	8.4-9.0	28-34	N/c
KOP – 12,125' Lateral	Cut Brine - XCD	9.0-9.5	40-42	8-10

Elk Wallow 11 State #4H

Eddy County, New Mexico

50' FSL
430' FEL
Section 11
T-25-S, R-29-E

Proposed Wellbore

KB: 3,150.7'
GL: 3,131.7'

API: 30-015-*****
38291

Bit Size: 17-1/2"

13-3/8", 48#, H-40, STC 0' - 625'

Bit Size: 12-1/4"

8-5/8", 32#, J-55, LTC 0' - 3,150'

Bit Size: 7-7/8"

KOP: 6917'

Bit Size: 7-7/8"

KO Plug 6600' - 7200'

5-1/2", 17#, N-80, LTC @ 12,125'

Pilot Hole
TD 8,300'

Bone Spring Lateral:
12,125' MD, 7,395' TVD

BH Location: 330' FNL & 430' FEL
Section 11
T-25-S, R-29-E