

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

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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 30-025-39689	Pool Code 51020	Pool Name Red Hills; Bone Spring
Property Code 38039	Property Name HORSE "30" STATE	Well Number 1H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3320.0'

Surface Location

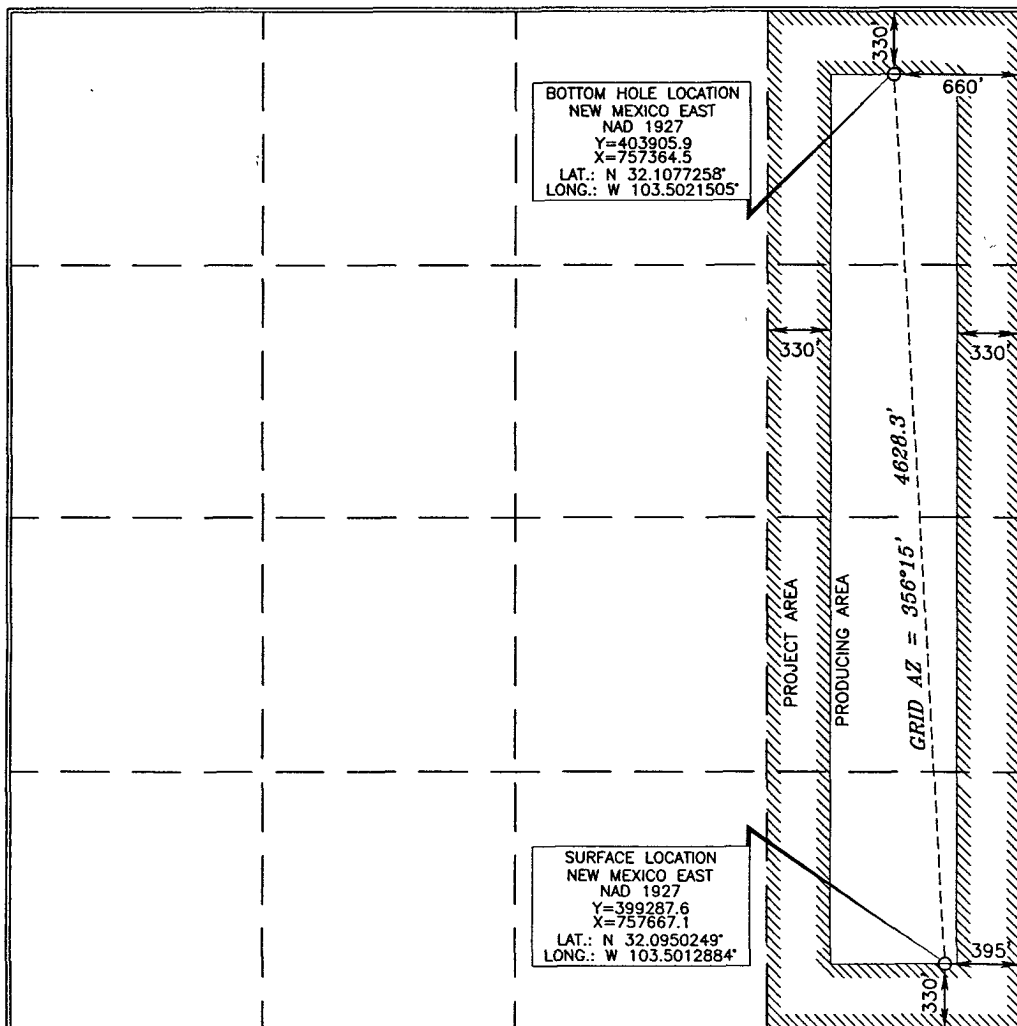
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	30	25 SOUTH	34 EAST, N.M.P.M.		330'	SOUTH	395'	EAST	LEA

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	30	25 SOUTH	34 EAST, N.M.P.M.		330'	NORTH	660'	EAST	LEA

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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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.

Donny G. Ganton 2/12/10
Signature Date

Donny G. Ganton
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was derived from field notes, or 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 20, 2009
Date of Survey

Terry J. Abel
Signature and Seal of Professional Surveyor

11/9/2009
Certificate Number 15079

WO# 091020WL-b (KA)

Permit Information:

Well Name: Horse 30 State No. 1H

Location:

SL: 330' FSL & 395' FEL, Section 30, T-25-S, R-34-E, Lea Co., N.M.

BHL: 330' FNL & 660' FEL, Section 30, T-25-S, R-34-E, Lea Co., N.M.

Casing Program:

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	650'	17-1/2"	13-3/8"	48#	H-40	Surface
Intermediate	4,000'	12-1/4"	9-5/8"	40#	J-55	Surface
	5,100'	12-1/4"	9-5/8"	40#	HCK-55	
Production	13,914'	8-3/4"	5-1/2"	17#	HCP-110	4600'

Cement Program:

Depth	No. Sacks	Wt. lb/gal	Yld Ft ³ /ft	Slurry Description
650'	675	14.8	1.32	Class C + 0.005 pps Static Free + 2% CaCl ₂ + 0.25 pps CelloFlake + 0.005 gps FP-6L
5,100'	1100	12.7	2.01	Lead: Class 'C' + 2.00% SMS + 1.50% R-3 + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
	200	14.8	1.32	Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
11,000	50	18.0	0.90	100' Btm Hole Plug - Class 'H' + 1.20% CD-31 + 0.20% R-3 + 5.00% Salt (1.252 lb/sk)
9,400'	300	18.0	0.90	600' Sidetrack Plug - Class 'H' + 1.20% CD-31 + 0.20% R-3 + 5.00% Salt (1.252 lb/sk)
13,923'	975	11.8	2.37	Lead: 50:50:10 Class 'H' + 0.80% FL-52A + 0.30% ASA-301 + 0.30% SMS + 2.00% Salt (2.259 lb/sk) + 0.20% R-21 + 0.25 lb/sk Cello Flake
	1100	14.2	1.30	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 – 650'	Fresh - Gel	8.6-8.8	28-34	N/c
650' – 5,100'	Brine	10.0-10.2	28-34	N/c
5,100' – 8,500'	Fresh Water	8.4-8.6	28-34	N/c
8,500' – 11,000' Pilot hole	Cut Brine - XCD	9.0-9.5	40-42	8-10
9,025' – 13,923' Lateral	Cut Brine - XCD	9.0-9.5	40-42	5-10

Horse 30 State #1H
Red Hills
Lea County, New Mexico

330' FSL
395' FEL
Section 30
T-25-S, R-34-E

Proposed Wellbore

API: 30-025-

KB: 3,350.0'
GL: 3,320.0'

