

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

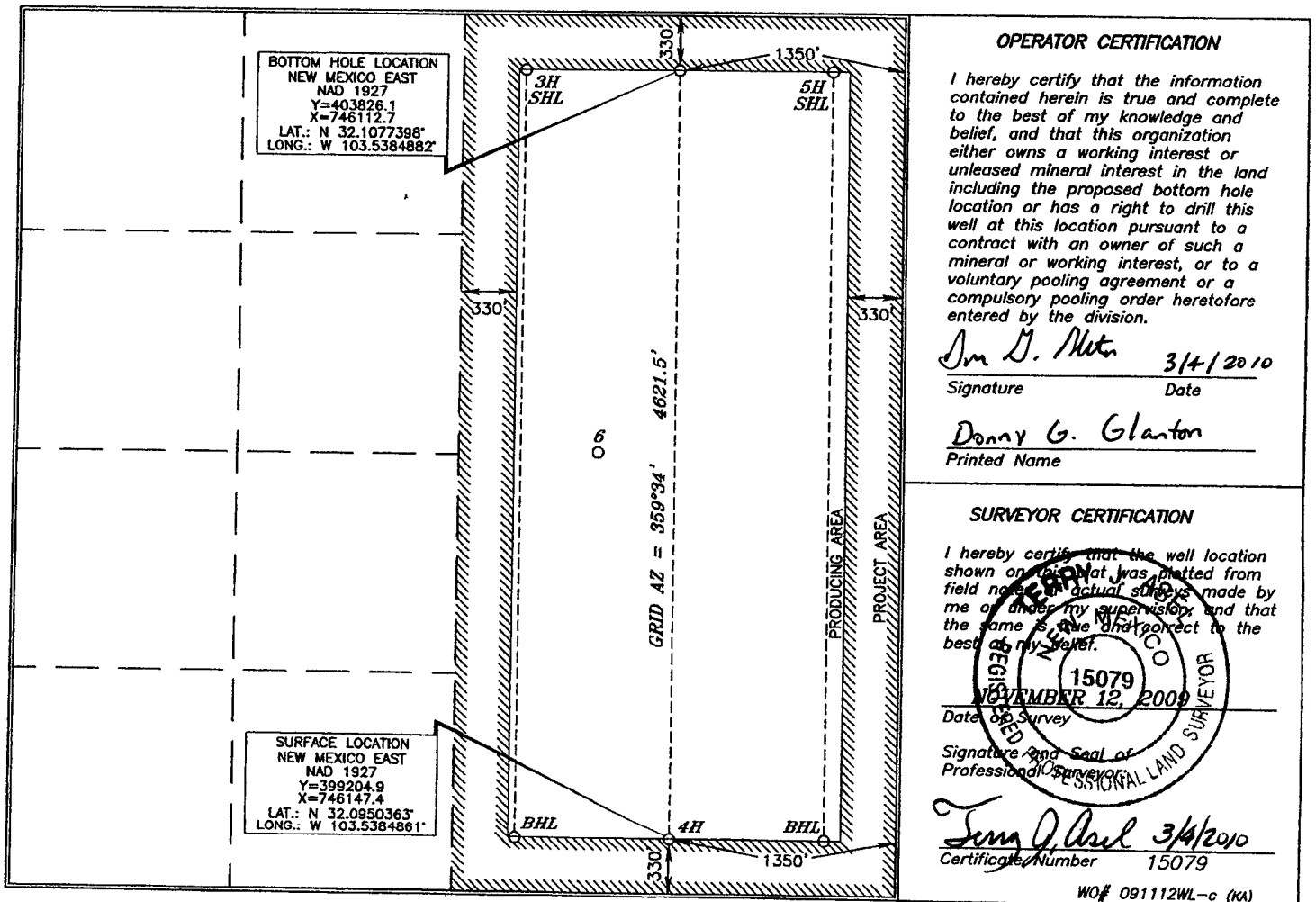
API Number 30-025- 39703	Pool Code 51020	Pool Name Red Hills; Bone Spring
Property Code 37858	Property Name LOMAS ROJAS "26" STATE COM	Well Number 4H
GRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3328.9'

Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	26	25 SOUTH	33 EAST, N.M.P.M.		330'	SOUTH	1350'	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
B	26	25 SOUTH	33 EAST, N.M.P.M.		330'	NORTH	1350'	EAST	LEA

Dedicated Acres 320	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.



Permit Information:

Well Name: Lomas Rojas 26 State Com No. 4H

Location:

SL: 330' FSL & 1350' FEL, Section 26, T-25-S, R-33-E, Lea Co., N.M.

BHL: 330' FNL & 1350' FEL, Section 26, T-25-S, R-33-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	13,827'	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	105	18.0	0.90	210' 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)
13,827'	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
8,950' – 13,827' Lateral	Cut Brine - XCD	9.0-9.5	40-42	8-10

Lomas Rojas State Com #4H
Red Hills
Lea County, New Mexico

330' FSL
1350' FEL
Section 26
T-25-S, R-33-E

Proposed Wellbore

API: 30-025-

KB: 3,358.9'
GL: 3,328.9'

Bit Size: 17-1/2"

13-3/8", 48#, H-40, LT&C 0' - 650'
w/ 675 sx Class C + 0.005 pps Static Free +
2% CaCl₂ + 0.25 pps CelloFlake + 0.005 gps
FP-6L

TOC: 4600'

Bit Size: 12-1/4"

9-5/8", 40#, J-55 / HCK-55, LT&C 0' - 5100'
w/ 1100 sx Class 'C' + 2.00% SMS + 1.50% R-3
+ 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
And
200 sx Class 'C' + 0.25 lb/sk Cello Flake + 0.005
lb/sk Static Free

KOP: 8,950'

Bit Size: 8-3/4"

Bit Size: 8-3/4"

5-1/2", 17#, HCP-110, LT&C @ 13,827'
w/ 1800 sx 47:20:17 Class 'H':Poz (Fly Ash):CSE-2
+ 1.50% SMS + 0.20% ASA-301 + 1.65% R-21 +
3.00 lb/sk LCM-1
And
975 sx 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 Freend

TVD Vertical Well: 11,000'

Bone Spring Sand Lateral: 13,827' MD, 9,482' TVD

BH Location: 330' FNL & 1350' FEL
Section 26
T-25-S, R-33-E