

Submit 3 Copies To Appropriate District
Office
District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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 and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-041-20935
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☒
2. Name of Operator EOG Resources, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 2267 Midland, Texas 79702		7. Lease Name or Unit Agreement Name BULL MOOSE 2 STATE COM
4. Well Location Unit Letter: M, 760 feet from the South line and 760 feet from the West line Section 2 Township 8S Range 37E NMPM County: Roosevelt		8. Well Number 14
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,056'		9. OGRID Number 7377
Pit or Below-grade Tank Application ☒ or Closure ☐		
Pit type: Ground Depth to Groundwater: 350' Distance from nearest fresh water well: >1000' Distance from nearest surface water: >1,000'		
Pit Liner Thickness: 12 mil Below-Grade Tank: Volume 12000 bbls; Construction Material: Synthetic		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: CHANGE BOTTOM-HOLE

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

EOG Resources, Inc. (EOG) respectfully requests approval to change the Bottom Hole as follows:

Unit Letter: C, 660 feet from the North line and 1980 feet from the West line, Section 2, T8S R27E, Roosevelt, NM

RECEIVED

JAN - 3 2008

HOBBS OCD

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines X, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Donny G. Glanton TITLE: Sr. Lease Operations Representative DATE: 1/2/2008

Type or print name: Donny G. Glanton E-mail address: donny_glanton@eogresources.com Telephone No. (432) 686-3642

For State Use Only

APPROVED BY: Chris Williams TITLE: OCD DISTRICT SUPERVISOR/GENERAL MANAGER DATE: FEB 07 2008

Conditions of Approval (if any):

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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 30-041-20935	Pool Code 6880	Pool Name Bluitt; San Andres (Associated)
Property Code 36727	Property Name BULL MOOSE "2" STATE COM	Well Number 1H
OGRID No. 7377	Operator Name EOG RESOURCES INC.	Elevation 4056'

Surface Location

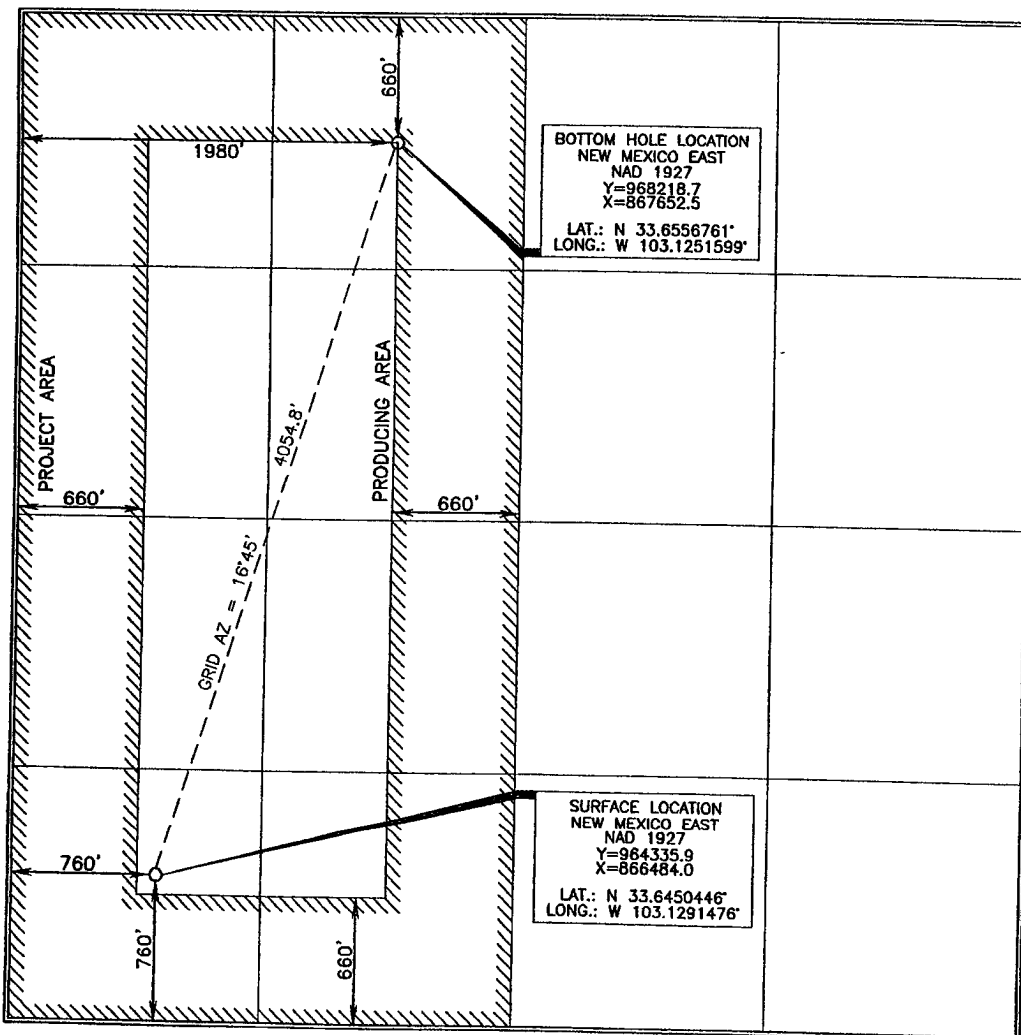
UL or lot no. M	Section 2	Township 8 SOUTH	Range 37 EAST, N.M.P.M.	Lot Idn	Feet from the 760'	North/South line SOUTH	Feet from the 760'	East/West line WEST	County ROOSEVELT
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Bottom Hole Location If Different From Surface

UL or lot no. C	Section 2	Township 8 SOUTH	Range 37 EAST, N.M.P.M.	Lot Idn	Feet from the 660'	North/South line NORTH	Feet from the 1980'	East/West line WEST	County ROOSEVELT
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Dedicated Acres 320.44	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. Glanton 1/2/08
Signature Date

Donny G. Glanton
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted 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.

DECEMBER 19, 2007
Date of Survey

Signature and Seal of Professional Surveyor

Terry J. Ouel 12/26/2007
Certificate Number 15079

WO# 070906WL (Rev. A) (KA)

Permit Information:

Well Name: Bull Moose 2 State Com #1H

Revised 12/21/07

Location:

SL 760' FSL & 760' FWL, Section 1, T-8-S, R-37-E, Roosevelt Co., N.M.
 BHL 660' FNL & 1980' FWL, Section 1, T-8-S, R-37-E, Roosevelt Co., N.M.

Casing Program:

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	523'	14-3/4"	9-5/8"	40#	J-55	Surface
Intermediate	3,986'	8-3/4"	7"	26#	L-80	Surface
Production Liner	8,331'	6-1/8"	4 1/2"	11.6#	L-80	3,786' (TOL)

Cement Program:

Depth	No. Sacks	Slurries:
523'	300	Lead: 35:65 Poz C + 0.005 pps Static Free + 2% CaCl ₂ + 0.125 pps CelloFlake + 0.005 gps FP-6L + 6% Bentonite
	200	Tail: Premium Plus C+ 2% CaCl ₂ + 0.005 pps Static Free + 0.005 gps FP-6L
3,986'	1,500	Lead: 50:50 Poz C + 0.005 pps Static Free + 5% NaCl + 0.125% CelloFlake + 5 pps LCM-1 + 0.005 gps FP-6L
	200	Tail: Premium Plus C+ 2% CaCl ₂ + 0.005 pps Static Free + 0.005 gps FP-6L
8,331'	430	50:50 Poz C + 2% Bentonite + 0.005 gps FP-6L + 0.005 pps Static Free + 0.3% FL-52A + 1.2% CD-32 + 5% NaCl

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 523'	Fresh - Gel	8.6-8.8	28-34	N/c
523' – 4,000'	Cut Brine	8.8-9.2	28-34	N/c
4,000' – 4,696'	Cut Brine	8.8-9.2	28-34	10-15
4,025' – 8,331'	Polymer (Lateral)	8.4-8.8	34-42	10-25

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Bull Moose 2 State Com #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 4075 00ft (Original Well Elev)
Project:	Big Stick	MD Reference:	WELL @ 4075 00ft (Original Well Elev)
Site:	Bull Moose 2 State Com #1H	North Reference:	Grid
Well:	Bull Moose 2 State Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Bull Moose 2 State Com #1H		
Design:	Post Gyro Plan		

Project:	Big Stick		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:	Bull Moose 2 State Com #1H		
Site Position:		Northing:	964,335 90ft
From:	Map	Easting:	866,484 00ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	33° 38' 42 162 N
		Longitude:	103° 7' 44.932 W
		Grid Convergence:	0.67 °

Well:	Bull Moose 2 State Com #1H		
Well Position	+N/-S	0 00 ft	Northing:
	+E/-W	0.00 ft	Easting:
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	33° 38' 42.162 N
		Longitude:	103° 7' 44.932 W
		Ground Level:	4,056.00ft

Wellbore: Bull Moose 2 State Com #1H					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005	9/13/2007	7 92	61.65	49,879

Design	Post Gyro Plan			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	3,550.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	16.75

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(ft)	(ft)	Rate	Rate	Rate	(°)	
(ft)			(ft)			(°/100ft)	(°/100ft)	(°/100ft)		
3,550.00	0.87	286.73	3,549.85	-13.42	14.69	0.00	0 00	0 00	0 00	
4,025.00	0.87	286.73	4,024.80	-11.34	7.78	0.00	0 00	0 00	0.00	
4,692.99	90.00	16.69	4,450.00	397.86	123.73	13.47	13.34	13.47	89.96	
4,693.04	90.00	16.69	4,450.00	397.90	123.74	3.00	0 00	-3 00	0.00	
8,331.12	90.00	16.69	4,450.00	3,882.75	1,168.49	0.00	0 00	0 00	0.00	
8,331.17	90.00	16.69	4,450.00	3,882.80	1,168.50	3.00	0 00	3 00	0.00	BHL 2 (Bull Moose)

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Bull Moose 2 State Com #1H
Company:	EOG Midland (3)	TVD Reference:	WELL @ 4075.00ft (Original Well Elev)
Project:	Big Stick	MD Reference:	WELL @ 4075.00ft (Original Well Elev)
Site:	Bull Moose 2 State Com #1H	North Reference:	Grid
Well:	Bull Moose 2 State Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Bull Moose 2 State Com #1H		
Design:	Post Gyro Plan		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,550.00	0.87	286.73	3,549.85	-13.42	14.69	-8.61	0.00	0.00	0.00
3,600.00	0.87	286.73	3,599.84	-13.20	13.96	-8.62	0.00	0.00	0.00
3,700.00	0.87	286.73	3,699.83	-12.76	12.51	-8.62	0.00	0.00	0.00
3,800.00	0.87	286.73	3,799.82	-12.32	11.06	-8.62	0.00	0.00	0.00
3,900.00	0.87	286.73	3,899.81	-11.89	9.60	-8.62	0.00	0.00	0.00
4,000.00	0.87	286.73	3,999.80	-11.45	8.15	-8.62	0.00	0.00	0.00
4,025.00	0.87	286.73	4,024.80	-11.34	7.78	-8.62	0.00	0.00	0.00
4,100.00	10.14	11.82	4,099.40	-4.70	8.59	-2.02	13.47	12.36	113.45
4,200.00	23.59	14.70	4,194.88	23.41	15.51	26.88	13.47	13.45	2.88
4,300.00	37.06	15.54	4,281.00	72.02	28.72	77.24	13.47	13.47	0.84
4,400.00	50.53	15.97	4,353.01	138.47	47.50	146.28	13.47	13.47	0.44
4,500.00	64.00	16.27	4,406.96	219.09	70.81	230.20	13.47	13.47	0.29
4,600.00	77.47	16.50	4,439.87	309.45	97.38	324.38	13.47	13.47	0.23
4,692.99	90.00	16.69	4,450.00	397.86	123.73	416.63	13.47	13.47	0.21
4,693.04	90.00	16.69	4,450.00	397.90	123.74	416.68	3.00	0.00	-3.00
4,700.00	90.00	16.69	4,450.00	404.57	125.74	423.64	0.00	0.00	0.00
4,800.00	90.00	16.69	4,450.00	500.36	154.46	523.64	0.00	0.00	0.00
4,900.00	90.00	16.69	4,450.00	596.15	183.18	623.64	0.00	0.00	0.00
5,000.00	90.00	16.69	4,450.00	691.94	211.89	723.64	0.00	0.00	0.00
5,100.00	90.00	16.69	4,450.00	787.72	240.61	823.64	0.00	0.00	0.00
5,200.00	90.00	16.69	4,450.00	883.51	269.33	923.64	0.00	0.00	0.00
5,300.00	90.00	16.69	4,450.00	979.30	298.04	1,023.64	0.00	0.00	0.00
5,400.00	90.00	16.69	4,450.00	1,075.09	326.76	1,123.64	0.00	0.00	0.00
5,500.00	90.00	16.69	4,450.00	1,170.88	355.48	1,223.64	0.00	0.00	0.00
5,600.00	90.00	16.69	4,450.00	1,266.66	384.19	1,323.64	0.00	0.00	0.00
5,700.00	90.00	16.69	4,450.00	1,362.45	412.91	1,423.64	0.00	0.00	0.00
5,800.00	90.00	16.69	4,450.00	1,458.24	441.63	1,523.64	0.00	0.00	0.00
5,900.00	90.00	16.69	4,450.00	1,554.03	470.34	1,623.64	0.00	0.00	0.00
6,000.00	90.00	16.69	4,450.00	1,649.82	499.06	1,723.64	0.00	0.00	0.00
6,100.00	90.00	16.69	4,450.00	1,745.60	527.78	1,823.64	0.00	0.00	0.00
6,200.00	90.00	16.69	4,450.00	1,841.39	556.50	1,923.64	0.00	0.00	0.00
6,300.00	90.00	16.69	4,450.00	1,937.18	585.21	2,023.64	0.00	0.00	0.00
6,400.00	90.00	16.69	4,450.00	2,032.97	613.93	2,123.64	0.00	0.00	0.00
6,500.00	90.00	16.69	4,450.00	2,128.76	642.65	2,223.64	0.00	0.00	0.00
6,600.00	90.00	16.69	4,450.00	2,224.54	671.36	2,323.64	0.00	0.00	0.00
6,700.00	90.00	16.69	4,450.00	2,320.33	700.08	2,423.64	0.00	0.00	0.00
6,800.00	90.00	16.69	4,450.00	2,416.12	728.80	2,523.64	0.00	0.00	0.00
6,900.00	90.00	16.69	4,450.00	2,511.91	757.51	2,623.64	0.00	0.00	0.00
7,000.00	90.00	16.69	4,450.00	2,607.70	786.23	2,723.64	0.00	0.00	0.00
7,100.00	90.00	16.69	4,450.00	2,703.48	814.95	2,823.64	0.00	0.00	0.00
7,200.00	90.00	16.69	4,450.00	2,799.27	843.66	2,923.64	0.00	0.00	0.00
7,300.00	90.00	16.69	4,450.00	2,895.06	872.38	3,023.64	0.00	0.00	0.00
7,400.00	90.00	16.69	4,450.00	2,990.85	901.10	3,123.64	0.00	0.00	0.00
7,500.00	90.00	16.69	4,450.00	3,086.64	929.81	3,223.64	0.00	0.00	0.00
7,600.00	90.00	16.69	4,450.00	3,182.42	958.53	3,323.64	0.00	0.00	0.00
7,700.00	90.00	16.69	4,450.00	3,278.21	987.25	3,423.64	0.00	0.00	0.00
7,800.00	90.00	16.69	4,450.00	3,374.00	1,015.96	3,523.64	0.00	0.00	0.00
7,900.00	90.00	16.69	4,450.00	3,469.79	1,044.68	3,623.64	0.00	0.00	0.00
7,965.46	90.00	16.69	4,450.00	3,532.49	1,063.48	3,689.11	0.00	0.00	0.00
BHL (Bull Moose #1H)									
8,000.00	90.00	16.69	4,450.00	3,565.58	1,073.40	3,723.64	0.00	0.00	0.00
8,100.00	90.00	16.69	4,450.00	3,661.36	1,102.11	3,823.64	0.00	0.00	0.00
8,200.00	90.00	16.69	4,450.00	3,757.15	1,130.83	3,923.64	0.00	0.00	0.00

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Bull Moose 2 State Com #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 4075.00ft (Original Well Elev)
Project:	Big Stick	MD Reference:	WELL @ 4075.00ft (Original Well Elev)
Site:	Bull Moose 2 State Com #1H	North Reference:	Grid
Well:	Bull Moose 2 State Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Bull Moose 2 State Com #1H		
Design:	Post Gyro Plan		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,300.00	90.00	16.69	4,450.00	3,852.94	1,159.55	4,023.64	0.00	0.00	0.00
8,331.12	90.00	16.69	4,450.00	3,882.75	1,168.49	4,054.77	0.00	0.00	0.00
8,331.17	90.00	16.69	4,450.00	3,882.80	1,168.50	4,054.82	3.00	0.00	3.00
BHL 2 (Bull Moose #1H)									

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
BHL (Bull Moose #1H)	0.00	0.00	4,585.00	3,866.70	-51.30	968,202.60	866,432.70	33° 39' 20.417 N	103° 7' 45.006 W
- plan misses by 1171.60ft at 7965.46ft MD (4450.00 TVD, 3532.49 N, 1063.48 E)									
- Point									
BHL 2 (Bull Moose #1)	0.00	0.00	4,450.00	3,882.80	1,168.50	968,218.70	867,652.50	33° 39' 20.435 N	103° 7' 30.576 W
- plan hits target									
- Point									

WELL DETAILS: Bull Moose 2 State Com #1H

+N/-S	+E/-W	Northing	Ground Level:	4056.00			
0.00	0.00	964335.90	Easting	866484.00	Latitude	Longitude	Slot
					33° 38' 42.162 N	103° 7' 44.932 W	

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	Target	Sec
1	3550.00	0.87	286.73	3549.85	-13.42	14.69	0.00	0.00	-8.61	
2	4025.00	0.87	286.73	4024.80	-11.34	7.78	0.00	0.00	-8.62	
3	4692.99	90.00	16.69	4450.00	397.86	123.73	13.47	89.96	416.63	
4	4693.04	90.00	16.69	4450.00	397.90	123.74	3.00	0.00	416.68	
5	8331.12	90.00	16.69	4450.00	3882.75	1168.49	0.00	0.00	4054.77	
6	8331.17	90.00	16.69	4450.00	3882.80	1168.50	0.00	0.00	4054.82	

