

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico

Form C-102

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

Energy, Minerals, and Natural Resources Department

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-015-34424	² Pool Code 75010	³ Pool Name Collins Ranch Wolfcamp
⁴ Property Code	⁵ Property Name JORDAN "22" FEE COM	⁶ Well Number 2H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3738'

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	22	17 SOUTH	24 EAST, N.M.P.M.		660'	SOUTH	1880'	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
B	22	17 SOUTH	24 EAST, N.M.P.M.		660'	NORTH	1880'	EAST	EDDY
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ BHL X = 426196 Y = 664439 LAT.: N 32.8263980 LONG.: W 104.5735937 RECEIVED OCT 24 2005 OCD-ARTESIA NAD 27 NME ZONE X = 426200 Y = 660473 LAT.: N 32.8154969 LONG.: W 104.5735519		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Mike Francis</i> Signature Mike Francis Printed Name Agent Title 10/20/2005 Date ¹⁸ 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. SEPTEMBER 30, 2005 Date of Survey <i>V. Lynn Bezner</i> Signature and Seal of Professional Surveyor <i>V. L. Bezner</i> Certificate Number V. L. BEZNER R.P.S. #7920 JOB # 106715 / 101 SE / E.U.O.
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Permit Information:

Well Name: Jordan 22 Fee Com #2H

Location:

SL 660' FSL & 1880' FEL, Section 22, T-17-S, R-24-E, Eddy Co., N.M.

BHL 660' FNL & 1880' FEL, Section 22, T-17-S, R-24-E, Eddy Co., N.M.

Casing Program:

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	900'	9-7/8"	7"	26#	L-80	Surface
Production	8,793'	6-1/8"	4 1/2"	11.6/ 13.5 #	P-110	Surface

Cement Program:

Depth	No. Sacks	Slurries:
900'	300	Lead: Premium Plus + 2% CaCl ₂ + 3% Econolite + 1/4 pps Flocele
	200	Tail: Premium Plus + 2% CaCl ₂ + 1/4 pps Flocele
8,793'	400	Lead: Interfill C + 1/4 pps Flocele
	350	Tail: Premium Cement + 100% Acid Soluble Additive + 0.6% Halad®-344 + 0.8% Econolite + 0.2% HR-55

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 900'	Fresh - Gel	8.6-8.8	28-34	N/c
900' – 4,400'	Cut Brine	8.8-9.2	28-34	N/c
4,400' – 5,400'	Cut Brine	8.8-9.2	28-34	10-15
4,608' – 8,793'	Polymer (Lateral)	9.0-9.4	40-45	10-20



EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
(432) 686-3600

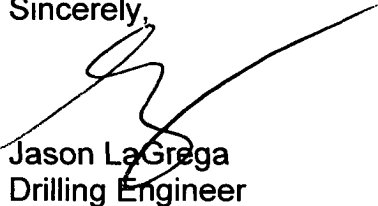
October 12, 2005

State of New Mexico Energy, Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

To Whom It May Concern:

I am writing to request a waiver for the inclusion of an H₂S Contingency Plan for the Jordan 22 Fee Com #2H. The current plan is to complete this well in the Wolfcamp, which is sweet, and I do not anticipate encountering any H₂S bearing formations during drilling operations.

Sincerely,



Jason LaGrega
Drilling Engineer

EOG Resources Inc

Planning Report

Database: RDRILL.eogresources.com
Company: EOG Midland
Project: Thames
Site: Jordan 22 Fee Com #2H
Well: Jordan 22 Fee Com #2H
Wellbore: Jordan 22 Fee Com #2H
Design: Plan #1

Local Co-ordinate Reference: Well Jordan 22 Fee Com #2H
TVD Reference: WELL @ 3738.0ft (Original Well Elev)
MD Reference: WELL @ 3738.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

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

Site	Jordan 22 Fee Com #2H		
Site Position:		Northing:	660,473.00ft
From:	Map	Easting:	426,200.00ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	32° 48' 55.792 N
		Longitude:	104° 34' 24.787 W
		Grid Convergence:	-0.13 °

Well	Jordan 22 Fee Com #2H		
Well Position	+N/-S	0.0 ft	Northing: 660,473.00 ft
	+E/-W	0.0 ft	Easting: 426,200.00 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	32° 48' 55.792 N
		Longitude:	104° 34' 24.787 W
		Ground Level:	0.0 ft

Wellbore Jordan 22 Fee Com #2H

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2000	12/31/2004	9.07	60.79	49,683

Design Plan #1

Audit Notes:

Version: Phase: PROTOTYPE Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	359.81

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,608.0	0.00	0.00	4,608.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,208.0	90.00	359.94	4,990.0	382.0	-0.4	15.00	15.00	0.00	359.94	
5,261.9	91.61	359.80	4,989.2	435.8	-0.5	3.00	2.99	-0.27	-5.07	
8,788.7	91.61	359.80	4,890.1	3,961.2	-13.0	0.00	0.00	0.00	0.00	
8,793.4	91.61	359.94	4,890.0	3,966.0	-13.0	3.00	0.00	3.00	89.95 BHL	

EOG Resources Inc

Planning Report

Database: RDRILL.eogresources.com
Company: EOG Midland
Project: Thames
Site: Jordan 22 Fee Com #2H
Well: Jordan 22 Fee Com #2H
Wellbore: Jordan 22 Fee Com #2H
Design: Plan #1

Local Co-ordinate Reference: Well Jordan 22 Fee Com #2H
TVD Reference: WELL @ 3738.0ft (Original Well Elev)
MD Reference: WELL @ 3738.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,608.0	0.00	0.00	4,608.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	13.80	359.94	4,699.1	11.0	0.0	11.0	15.00	15.00	0.00
4,800.0	28.80	359.94	4,792.0	47.2	0.0	47.2	15.00	15.00	0.00
4,900.0	43.80	359.94	4,872.4	106.3	-0.1	106.3	15.00	15.00	0.00
5,000.0	58.80	359.94	4,934.7	184.1	-0.2	184.1	15.00	15.00	0.00
5,100.0	73.80	359.94	4,974.8	275.4	-0.3	275.4	15.00	15.00	0.00
5,200.0	88.80	359.94	4,989.9	374.0	-0.4	374.0	15.00	15.00	0.00

EOG Resources Inc

Planning Report

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5,208.0	90.00	359.94	4,990.0	382.0	-0.4	382.0	15.00	15.00	0.00
5,261.9	91.61	359.80	4,989.2	435.8	-0.5	435.8	3.00	2.99	-0.27
5,300.0	91.61	359.80	4,988.1	473.9	-0.7	473.9	0.00	0.00	0.00
5,400.0	91.61	359.80	4,985.3	573.9	-1.0	573.9	0.00	0.00	0.00
5,500.0	91.61	359.80	4,982.5	673.9	-1.4	673.9	0.00	0.00	0.00
5,600.0	91.61	359.80	4,979.7	773.8	-1.7	773.8	0.00	0.00	0.00
5,700.0	91.61	359.80	4,976.9	873.8	-2.1	873.8	0.00	0.00	0.00
5,800.0	91.61	359.80	4,974.1	973.7	-2.4	973.8	0.00	0.00	0.00
5,900.0	91.61	359.80	4,971.3	1,073.7	-2.8	1,073.7	0.00	0.00	0.00
6,000.0	91.61	359.80	4,968.5	1,173.7	-3.1	1,173.7	0.00	0.00	0.00
6,100.0	91.61	359.80	4,965.7	1,273.6	-3.5	1,273.6	0.00	0.00	0.00
6,200.0	91.61	359.80	4,962.9	1,373.6	-3.8	1,373.6	0.00	0.00	0.00
6,300.0	91.61	359.80	4,960.1	1,473.5	-4.2	1,473.6	0.00	0.00	0.00
6,400.0	91.61	359.80	4,957.2	1,573.5	-4.6	1,573.5	0.00	0.00	0.00
6,500.0	91.61	359.80	4,954.4	1,673.5	-4.9	1,673.5	0.00	0.00	0.00
6,600.0	91.61	359.80	4,951.6	1,773.4	-5.3	1,773.4	0.00	0.00	0.00
6,700.0	91.61	359.80	4,948.8	1,873.4	-5.6	1,873.4	0.00	0.00	0.00
6,800.0	91.61	359.80	4,946.0	1,973.3	-6.0	1,973.4	0.00	0.00	0.00
6,900.0	91.61	359.80	4,943.2	2,073.3	-6.3	2,073.3	0.00	0.00	0.00
7,000.0	91.61	359.80	4,940.4	2,173.3	-6.7	2,173.3	0.00	0.00	0.00
7,100.0	91.61	359.80	4,937.6	2,273.2	-7.0	2,273.2	0.00	0.00	0.00
7,200.0	91.61	359.80	4,934.8	2,373.2	-7.4	2,373.2	0.00	0.00	0.00
7,300.0	91.61	359.80	4,932.0	2,473.1	-7.7	2,473.2	0.00	0.00	0.00
7,400.0	91.61	359.80	4,929.1	2,573.1	-8.1	2,573.1	0.00	0.00	0.00
7,500.0	91.61	359.80	4,926.3	2,673.1	-8.4	2,673.1	0.00	0.00	0.00
7,600.0	91.61	359.80	4,923.5	2,773.0	-8.8	2,773.0	0.00	0.00	0.00
7,700.0	91.61	359.80	4,920.7	2,873.0	-9.1	2,873.0	0.00	0.00	0.00
7,800.0	91.61	359.80	4,917.9	2,972.9	-9.5	2,973.0	0.00	0.00	0.00
7,900.0	91.61	359.80	4,915.1	3,072.9	-9.9	3,072.9	0.00	0.00	0.00
8,000.0	91.61	359.80	4,912.3	3,172.9	-10.2	3,172.9	0.00	0.00	0.00
8,100.0	91.61	359.80	4,909.5	3,272.8	-10.6	3,272.8	0.00	0.00	0.00
8,200.0	91.61	359.80	4,906.7	3,372.8	-10.9	3,372.8	0.00	0.00	0.00
8,300.0	91.61	359.80	4,903.9	3,472.7	-11.3	3,472.8	0.00	0.00	0.00
8,400.0	91.61	359.80	4,901.1	3,572.7	-11.6	3,572.7	0.00	0.00	0.00
8,500.0	91.61	359.80	4,898.2	3,672.7	-12.0	3,672.7	0.00	0.00	0.00
8,600.0	91.61	359.80	4,895.4	3,772.6	-12.3	3,772.6	0.00	0.00	0.00
8,700.0	91.61	359.80	4,892.6	3,872.6	-12.7	3,872.6	0.00	0.00	0.00
8,788.7	91.61	359.80	4,890.1	3,961.2	-13.0	3,961.2	0.00	0.00	0.00
8,793.4	91.61	359.94	4,890.0	3,966.0	-13.0	3,966.0	3.00	0.00	3.00

Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
BHL	0.00	0.00	4,890.0	3,966.0	-13.0	664,439.00	426,196.00	32° 49' 35.037 N	104° 34' 24.940 W
- plan hits target									
- Point									

SITE DETAILS: Jordan 22 Fee Com #2H

Site Centre Northing: 660473.00
Easting: 426200.00

Positional Uncertainty: 0.0
Convergence: -0.13
Local North: Grid

PROJECT DETAILS: Thames

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001

System Datum: Mean Sea Level

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
4608.0	0.00	0.13	4608.0	0.0	0.0	0.00	0.13	0.0	
5208.0	90.00	0.07	4990.0	382.0	0.5	15.00	0.07	382.0	
5261.9	91.61	359.93	4989.2	435.8	0.5	3.00	-5.07	435.8	
8788.7	91.61	359.93	4890.1	3961.2	-4.0	0.00	0.00	3961.2	
8793.4	91.61	0.07	4890.0	3966.0	-4.0	3.00	89.95	3966.0	BHL(Jordan#2H)

