

**BEFORE THE OIL CONSERVATION DIVISION
EXAMINER HEARING – OCTOBER 6, 2022**

CASE NO. 23032

*HARRIER 35 NORTH FED COM #301H
HARRIER 35 NORTH FED COM #302H
HARRIER 35 NORTH FED COM #401H
HARRIER 35 NORTH FED COM #402H
HARRIER 35 NORTH FED COM #601H
HARRIER 35 NORTH FED COM #602H*

LEA COUNTY, NEW MEXICO



**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

APPLICATION OF EOG RESOURCES, INC.
FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.

CASE NO. 23032

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COMPULSORY POOLING APPLICATION CHECKLIST**ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

Case: 23032	APPLICANT'S RESPONSE
Date: October 4, 2022	
Applicant	EOG Resources, Inc.
Designated Operator & OGRID (affiliation if applicable)	EOG Resources, Inc. (OGRID No. 7377)
Applicant's Counsel:	James Parrot, Beatty & Wozniak, P.C.
Case Title:	Application of EOG Resources, Inc. for Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors:	none
Well Family	Harrier
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Entire Formation
Pool Name and Pool Code:	Red Hills, Bone Spring, North (96434)
Well Location Setback Rules:	Statewide Rules
Spacing Unit Size:	480 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	480 acres
Building Blocks:	Quarter-Quarter sections
Orientation:	South to North
Description: TRS/County	W2 Sec 26, NW Sec 35, T24S-R34E, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Y
Other Situations	
Depth Severance: Y/N. If yes, description	N
Proximity Tracts: If yes, description	Y; NENW, SENW, NESW, SESW of Sec 26 (C, F, K, N); NENW, SENW of Sec 35 (C, F); defining well (BS) is located on quarter-quarter line
Proximity Defining Well: if yes, description	Harrier 35 North Fed Com #301H
Applicant's Ownership in Each Tract	Exhibit C-3
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	

Well #1	<p>Harrier 35 North Fed Com #301H (API No. Pending) SHL: SE¼NW¼ (Unit F) Sec 35 BHL: NE¼NW¼ (Unit C) Sec 26 Completion Target: Bone Spring Formation Well Orientation: South to North Completion Status: Standard</p>
Well #2	<p>Harrier 35 North Fed Com #302H (API No. Pending) SHL: SE¼NW¼ (Unit F) Sec 35 BHL: NE¼NW¼ (Unit C) Sec 26 Completion Target: Bone Spring Formation Well Orientation: South to North Completion Status: Standard</p>
Well #3	<p>Harrier 35 North Fed Com #401H (API No. Pending) SHL: SE¼NW¼ (Unit F) Sec 35 BHL: NW¼NW¼ (Unit D) Sec 26 Completion Target: Bone Spring Formation Well Orientation: South to North Completion Status: Standard</p>
Well #4	<p>Harrier 35 North Fed Com #402H (API No. Pending) SHL: SE¼NW¼ (Unit F) Sec 35 BHL: NE¼NW¼ (Unit C) Sec 26 Completion Target: Bone Spring Formation Well Orientation: South to North Completion Status: Standard</p>
Well #5	<p>Harrier 35 North Fed Com #601H (API No. Pending) SHL: SHL: SE¼NW¼ (Unit F) Sec 35 BHL: NW¼NW¼ (Unit D) Sec 26 Completion Target: Bone Spring Formation Well Orientation: South to North Completion Status: Standard</p>
Well #6	<p>Harrier 35 North Fed Com #602H (API No. Pending) SHL: SE¼NW¼ (Unit F) Sec 35 BHL: NW¼NW¼ (Unit D) Sec 26 Completion Target: Bone Spring Formation Well Orientation: South to North Completion Status: Standard</p>
Horizontal Well First and Last Take Points	Exhibit C-2
Completion Target (Formation, TVD and MD)	Exhibit C-4



AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit C, C-4
Requested Risk Charge	Exhibit C, 200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit B
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit E
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit F
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-3
Pooled Parties (including ownership type)	Exhibit C-3
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	None
Joinder	
Sample Copy of Proposal Letter	Exhibit C-4
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-3
Chronology of Contact with Non-Joined Working Interests	Exhibit C-5
Overhead Rates In Proposal Letter	Exhibit C-4
Cost Estimate to Drill and Complete	Exhibit C-4
Cost Estimate to Equip Well	Exhibit C-4
Cost Estimate for Production Facilities	Exhibit C-4
Geology	
Summary (including special considerations)	Exhibit D, D-2
Spacing Unit Schematic	Exhibit D, D-2
Gunbarrel/Lateral Trajectory Schematic	Exhibit D-2, D-3
Well Orientation (with rationale)	Exhibit D-2, D-3
Target Formation	Exhibit D-3
HSU Cross Section	Exhibit D-3
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit C-2
Tracts	Exhibit C-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-3
General Location Map (including basin)	Exhibit D-1
Well Bore Location Map	Exhibit D-2
Structure Contour Map - Subsea Depth	Exhibit D-2
Cross Section Location Map (including wells)	Exhibit D-3
Cross Section (including Landing Zone)	Exhibit D-3
Additional Information	
Special Provisions/Stipulations	

CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	James Parrot
Signed Name (Attorney or Party Representative):	
Date:	10/4/2022



STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

APPLICATION OF EOG RESOURCES, INC.
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY,
NEW MEXICO

Case No. _____

APPLICATION

EOG Resources, Inc. (“EOG”) (OGRID No. 7377) through its undersigned attorneys, hereby files this Application with the Oil Conservation Division of the State of New Mexico (“Division”) pursuant to the provisions of NMSA 1978, Section 70-2-17, for an order (1) creating a standard 480-acre, more or less, overlapping horizontal well spacing and unit (“HSU”) composed of the W½ of Section 26 and the NW¼ of Section 35, Township 24 South, Range 34 East, N.M.P.M., Lea County, New Mexico, and (2) pooling all uncommitted mineral interests in the Bone Spring Formation, designated as an oil pool, underlying said overlapping HSU. In support of its Application, EOG states the following:

1. EOG is a working interest owner with the right to drill in the proposed HSU.
2. EOG seeks to dedicate the above-referenced HSU to the following proposed wells:
 - a. **Harrier 35 North Fed Com #301, Harrier 35 North Fed Com #302, Harrier 35 North Fed Com #402, and Harrier 35 North Fed Com #602**, which are oil wells that will be horizontally drilled from a surface location in the SE¼NW¼ of Section 35 to a bottom hole location in the Bone Spring Formation in the NE¼NW¼ of Section 26;
 - b. **Harrier 35 North Fed Com #401 and Harrier 35 North Fed Com #601**, which are oil wells that will be horizontally drilled from a surface location in the SE¼NW¼ of Section 35 to a bottom hole location in the Bone Spring Formation in the NW¼NW¼ of Section 26;



3. The completed interval for the **Harrier 35 North Fed Com #301** is expected to remain within 330 feet of the adjoining quarter-quarter section (or equivalent) tracts to allow inclusion of these proximity tracts within the proposed horizontal spacing unit under NMAC 19.15.16.15.B(1)(b).

4. This 480-acre HSU will overlap the following existing horizontal well spacing units covering portions of the subject acreage:

- A 160-acre horizontal spacing unit in the W/2W/2 of Section 26, dedicated to the Kestrel 26 Fed No. 311H well (API No. 30-025-46353) in the Red Hills; Bone Spring North Pool.
- A 160-acre horizontal spacing unit in the W/2W/2 of Section 35, dedicated to the Orange Raider BPV State No. 1H well (API No. 30-025-39712), in the Red Hills; Bone Spring, East Pool.

5. EOG has sought in good faith, but has been unable to obtain, voluntary agreement from all mineral interest owners to participate in the drilling of the Wells or in the commitment of their interests to the Wells for its development within the HSU.

6. The approval of this overlapping spacing unit and pooling of all interests within the HSU will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

7. In order to provide for its just and fair share of the oil and gas underlying the subject lands, EOG requests that all uncommitted interests in this HSU be pooled and that EOG be designated the operator of the Wells and HSU.

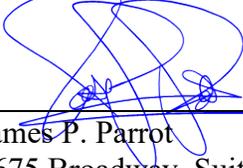
WHEREFORE, EOG requests that this Application be set for hearing on September 15, 2022, before an Examiner of the Oil Conservation Division, and after notice and hearing as required by law, the Division enter an order:

- a. Approving the overlapping HSU and pooling all uncommitted mineral interests therein;
- b. Approving the Wells in the HSU;
- c. Designating EOG as operator of this HSU and Wells to be drilled thereon;
- d. Authorizing EOG to recover its costs of drilling, equipping, and completing the Wells;
- e. Approving actual operating charges and costs of supervision, to the maximum extent allowable, while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- f. Setting a 200% charge for the risk assumed by EOG in drilling and completing the Wells in the event a working interest owner elects not to participate in the well.

Respectfully submitted

BEATTY & WOZNIAK, P.C.

By: _____


James P. Parrot
1675 Broadway, Suite 600
Denver, CO 80202
(303) 407-4458
jparrot@bwenergylaw.com

Counsel for EOG Resources, Inc.

Application of EOG Resources, Inc. for Compulsory Pooling, Lea County, New Mexico.

Applicant in the above-styled cause seeks an order from the Division approving an overlapping horizontal spacing unit and pooling all uncommitted mineral interests in the Bone Spring Formation therein. The proposed wells to be dedicated to the horizontal spacing unit are the Harrier 35 North Fed Com # 301H, #302H, #401H, #402H, #601H, and #602H, all oil wells, to be horizontally drilled from surface locations in the N½ of Section 35, Township 24 South, Range 34 East, N.M.P.M, to bottom hole locations in the N½ of Section 26, Township 24 South, Range 34 East, N.M.P.M. The completed interval for the **Harrier 35 North Fed Com #301** well is expected to remain within 330 feet of the adjacent quarter-quarter section (or equivalent) tracts to allow inclusion of these proximity tracts within the proposed horizontal spacing unit under NMAC 19.15.16.15.B(1)(b). This 480-acre HSU will overlap the following existing horizontal well spacing units covering portions of the subject acreage:

- A 160-acre horizontal spacing unit in the W/2W/2 of Section 26, dedicated to the Kestrel 26 Fed No. 311H well (API No. 30-025-46353) in the Red Hills; Bone Spring North Pool; and
- A 160-acre horizontal spacing unit in the W/2W/2 of Section 35, dedicated to the Orange Raider BPV State No. 1H well (API No. 30-025-39712), in the Red Hills; Bone Spring, East Pool.

Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof; actual operating costs and charges for supervision; the designation of the Applicant as Operator of the wells and unit; and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 15 miles northwest of Jal, New Mexico.

**STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION OF EOG RESOURCES,
INC. FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

Case No. 23032

AFFIDAVIT OF LACI STRETCHER

Laci Stretcher, being first duly sworn upon oath, deposes and states as follows:

1. My name is Laci Stretcher, and I am employed by EOG Resources, Inc. (“EOG”) as a Senior Landman.

2. I have previously testified before the New Mexico Oil Conservation Division (“Division”) as an expert witness in petroleum land matters. My credentials in petroleum land matters have been accepted by the Division and made a matter of record.

3. I am submitting this affidavit in support of EOG’s application in the above-referenced case pursuant to 19.15.4.12.(A)(1) NMAC.

4. I am familiar with the application filed by EOG in this case, and I am familiar with the status of the lands in the subject area.

5. None of the uncommitted parties in this case has indicated opposition to the presentation of this pooling application by affidavit to the Division, and therefore I do not expect any opposition at the hearing.

6. In this case, EOG seeks an order pooling uncommitted interest owners in the following spacing unit:

a. The proposed spacing unit is a 480-acre, more or less, horizontal spacing unit in the Bone Spring formation comprised of the W½ of Section 26 and the NW¼ of Section 35, Township 24 South, Range 34 East, N.M.P.M., Lea County, New Mexico. The spacing unit



includes proximity tracts, and the defining well for proximity purposes will be the Harrier 35 North Fed Com #301H.

b. The spacing unit will be initially dedicated to the following wells:

- The **Harrier 35 North Fed Com #301** (API No. Pending), the **Harrier 35 North Fed Com #302** (API No. Pending), the **Harrier 35 North Fed Com #402** (API No. Pending), and the **Harrier 35 North Fed Com #602** (API No. Pending), which will be horizontally drilled to the Bone Spring Formation from a surface location in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 35 to a bottom hole location in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 26; and
- The **Harrier 35 North Fed Com #401** (API No. Pending) and the **Harrier 35 North Fed Com #601** (API No. Pending), which will be horizontally drilled to the Bone Spring Formation from a surface location in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 35 to a bottom hole location in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 26;

7. **EOG Exhibit C-1** contains a general location map outlining the spacing unit being pooled in Case No. 23032 in relation to the surrounding area in Lea County. The acreage in the spacing unit contains federal and state lands.

8. **EOG Exhibit C-2** contains the Form C-102s for the Wells. The Oil Conservation Division has placed the Wells in the Red Hills, Bone Spring, North [96434]. The API numbers for each of the Wells is pending. The location of each of the Wells is orthodox and meets the Division's offset requirements.

9. A review of the spacing unit indicated two overlapping spacing units in the Bone Spring formation, as follows:

- a. A spacing unit in the W/2W/2 of Section 26, dedicated to the Kestrel 26

Fed No. 311H well (API No. 30-025-46353) in the Red Hills; Bone Spring North Pool. No notice was provided because EOG owns 100 percent of the interest in this spacing unit and is the operator of the well.

b. A spacing unit in the W/2W/2 of Section 35, dedicated to the Orange Raider BPV State No. 1H well (API No. 30-025-39712), in the Red Hills; Bone Spring, East Pool. EOG provided notice of the overlapping spacing unit to Oxy Y-1 Company and Sharbro Energy, LLC as the working interest owners. After twenty days, no objection was received.

10. There are no depth severances in the Bone Spring Formation underlying the subject acreage.

11. **EOG Exhibit C-3** contains a plat outlining the spacing unit being pooled in Case No. 23032. The exhibit identifies the tract number, tract percentage interest, and spacing unit percentage interest for the interest owners being pooled and their last known addresses. In compiling these addresses, I conducted a diligent search of the public records in Lea County, New Mexico, where the Wells are located, and of phone directories and did computer searches to locate the contact information for parties entitled to notification. The sole party EOG seeks to pool was locatable, notice was provided, and a green card returned. Accordingly, EOG did not cause notice to be published. I provided the law firm of Beatty & Wozniak, P.C. with the name and address for the uncommitted interest. On **EOG Exhibit C-3**, asterisks denote the “uncommitted” working interest owner that remains to be pooled in this case. There are no overriding royalty interest owners that require pooling for either spacing unit.

12. EOG sent well proposal letters for the Wells, together with corresponding AFEs, to the working interest owners in this case. The estimated costs of the Wells set forth in the AFEs are fair, reasonable, and comparable to the costs of other wells of similar depths and

lengths drilled in this area of New Mexico. A copy of the well proposal letters, along with the AFEs, is attached hereto as **EOG Exhibit C-4**.

13. EOG requests overhead and administrative rates of \$8,000/month for drilling each well and \$800/month for producing each well. These rates are fair and comparable to the rates charged by other operators for wells of this type in this area of New Mexico. EOG respectfully requests that these administrative and overhead costs be incorporated into any orders entered by the Division in these cases.

14. EOG requests the maximum cost, plus 200% risk charge, be assessed against the nonconsenting working interest owner.

15. EOG requests that it be designated operator of the unit and Wells.

16. EOG has been able to locate contact information for the party it seeks to pool and has undertaken good faith efforts to reach an agreement with the uncommitted interest owner. **EOG Exhibit C-5** contains a chronology of the contacts with the working interest owner that EOG seeks to pool. EOG has made a good faith effort to obtain voluntary joinder of the working interest owner in the proposed Wells.

17. The interest owner being pooled has been contacted regarding the proposed Wells but has failed or refused to voluntarily commit its interests in the Wells. If a mutually agreeable Joint Operating Agreement is reached between EOG and the interest owner, I will inform the Division that EOG is no longer seeking to pool that party, and EOG requests that the voluntary agreement become operative and supersede the Division's order for said parties, except to the extent the Division deems it necessary to maintain spacing criteria for the purpose of conservation, the prevention of waste, and the protection of correlative rights.

18. **EOG Exhibit C-1** through **EOG Exhibit C-5** were either prepared by me or



compiled under my direction and supervision.

19. The granting of these applications is in the best interest of conservation, the prevention of waste, and the protection of correlative rights, and will avoid the drilling of unnecessary wells.

20. I hereby swear that to the best of my knowledge and belief, all of the matters set forth herein and in the exhibits are true, correct, and accurate.

[Remainder of page left intentionally blank]

FURTHER AFFIANT SAYETH NOT.

Dated this 29th day of September, 2022

Laci Stretcher

Laci Stretcher
EOG Resources, Inc.

STATE OF TEXAS)

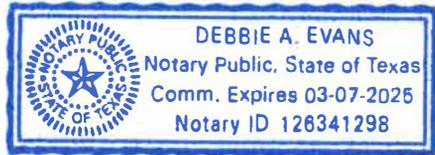
)

COUNTY OF MIDLAND)

The foregoing instrument was subscribed and sworn to before me this 29 day of September, 2022, by Laci Stretcher, Landman for EOG Resources, Inc.

Witness my hand and official seal.

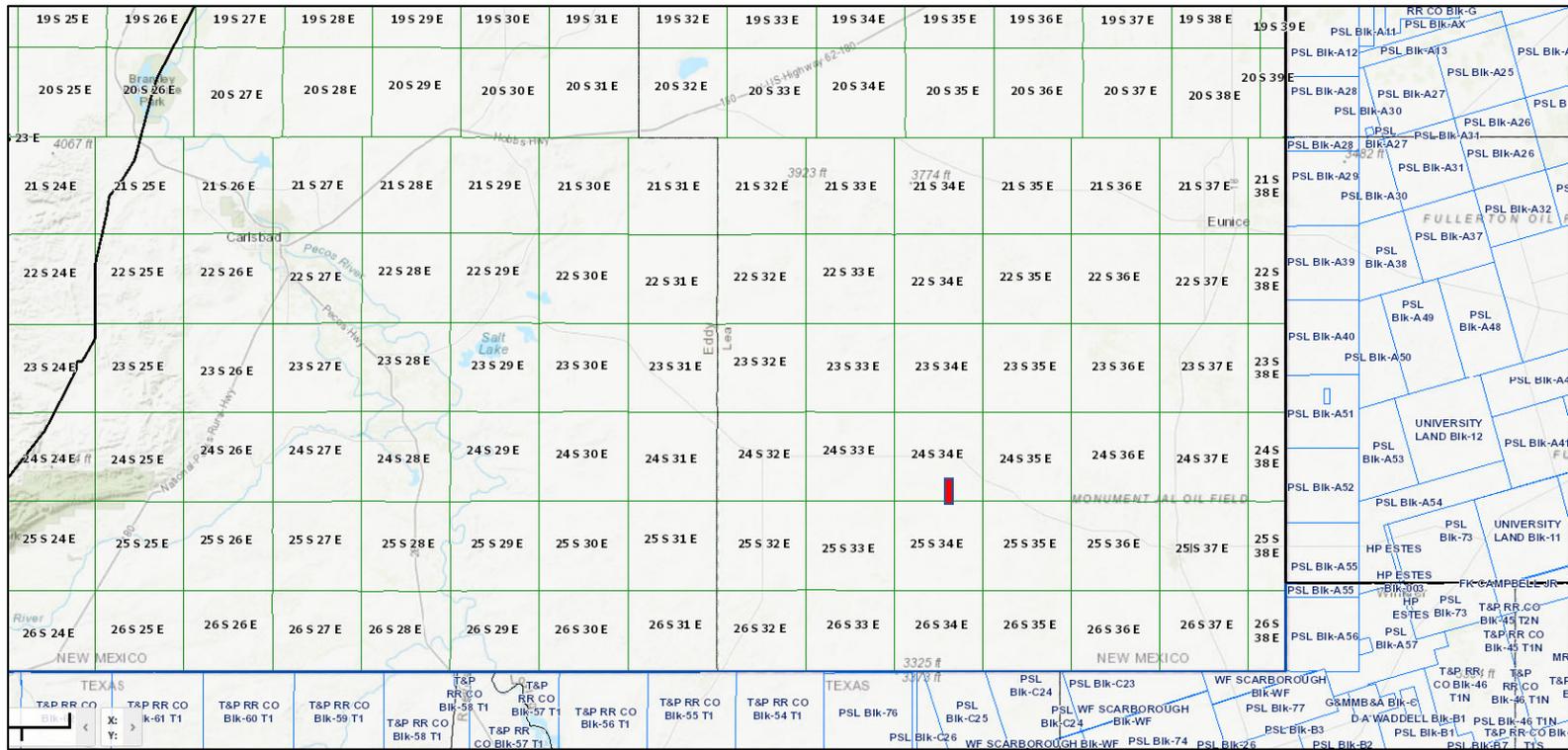
My commission expires: 3/7/2025



Debbie A. Evans



Harrier 35 North Fed Com Location Map



Case No. 23032,
Harrier Exhibit C-1



District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011

Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name HARRIER 35 NORTH FED COM	
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁶ Well Number 301H
⁹ Elevation 3403'		

¹⁰Surface Location

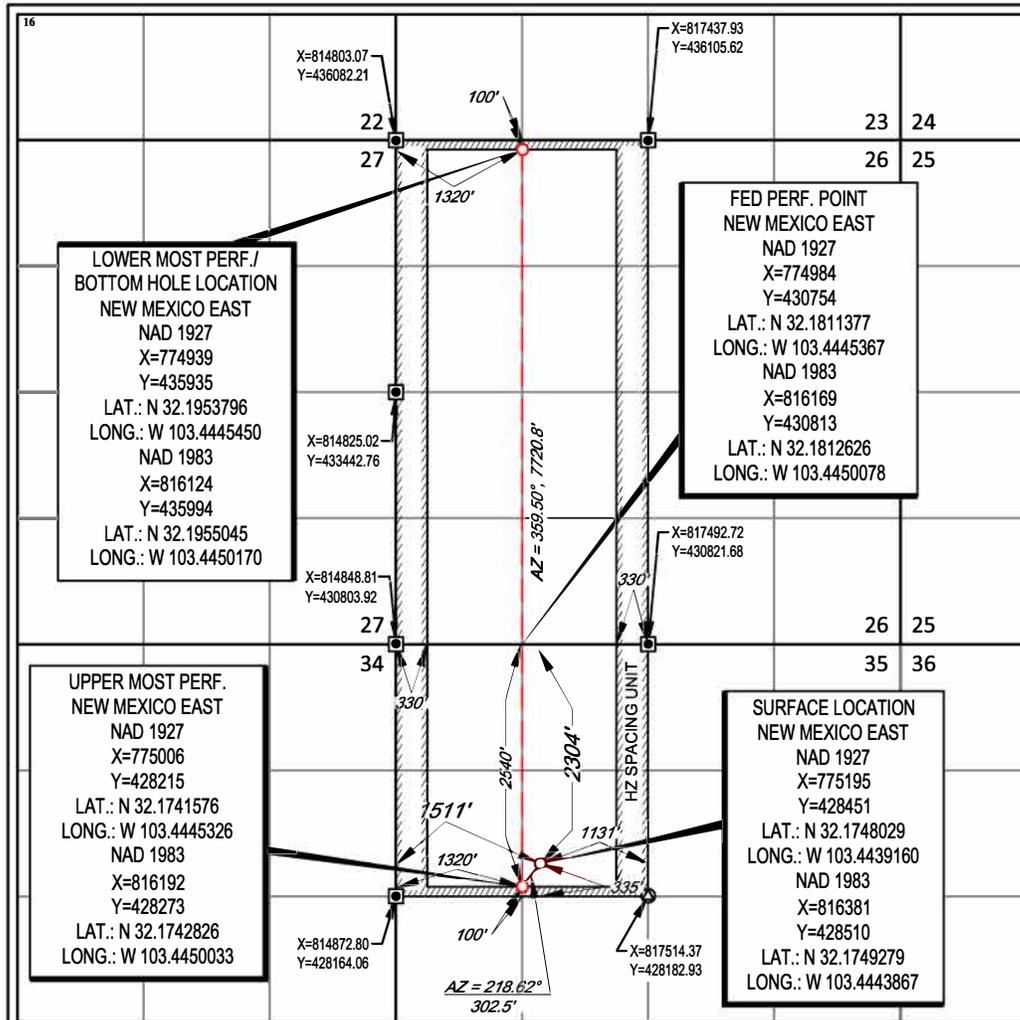
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	35	24-S	34-E	-	2304'	NORTH	1511'	WEST	LEA

¹¹Bottom 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
D	26	24-S	34-E	-	100'	NORTH	1320'	WEST	LEA

¹² Dedicated Acres 480.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.



LOWER MOST PERF./ BOTTOM HOLE LOCATION
NEW MEXICO EAST
NAD 1927
X=774939
Y=435935
LAT.: N 32.1953796
LONG.: W 103.4445450
NAD 1983
X=816124
Y=435994
LAT.: N 32.1955045
LONG.: W 103.4450170

FED PERF. POINT
NEW MEXICO EAST
NAD 1927
X=774984
Y=430754
LAT.: N 32.1811377
LONG.: W 103.4445367
NAD 1983
X=816169
Y=430813
LAT.: N 32.1812626
LONG.: W 103.4450078

UPPER MOST PERF.
NEW MEXICO EAST
NAD 1927
X=775006
Y=428215
LAT.: N 32.1741576
LONG.: W 103.4445326
NAD 1983
X=816192
Y=428273
LAT.: N 32.1742826
LONG.: W 103.4450033

SURFACE LOCATION
NEW MEXICO EAST
NAD 1927
X=775195
Y=428451
LAT.: N 32.1748029
LONG.: W 103.4439160
NAD 1983
X=816381
Y=428510
LAT.: N 32.1749279
LONG.: W 103.4443867

17 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.

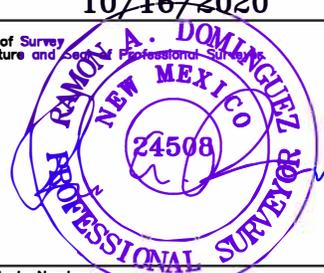
Signature _____ Date _____

Printed Name _____

E-mail Address _____

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 to the best of my belief.

10/16/2020

Date of Survey _____
Signature and Seal of Professional Surveyor


Certificate Number _____

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 August 1, 2011

Submit one copy to appropriate
District Office

AMENDED REPORT

District I
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Phone: (575) 393-6161 Fax: (575) 393-0720
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Phone: (505) 476-3460 Fax: (505) 476-3462

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name HARRIER 35 NORTH FED COM	
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁶ Well Number 302H
⁹ Elevation 3403'		

¹⁰Surface Location

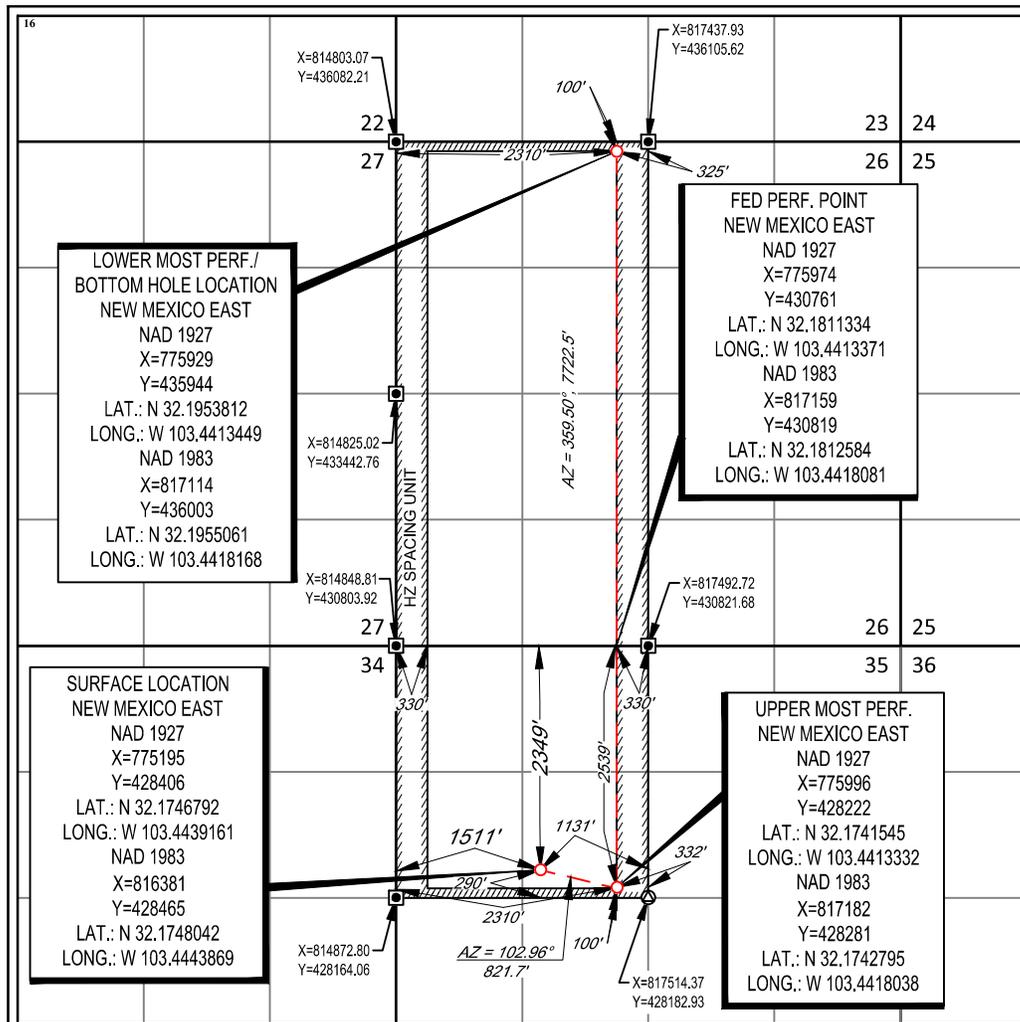
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	35	24-S	34-E	-	2349'	NORTH	1511'	WEST	LEA

¹¹Bottom 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
C	26	24-S	34-E	-	100'	NORTH	2310'	WEST	LEA

¹² Dedicated Acres 480.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.



LOWER MOST PERF./ BOTTOM HOLE LOCATION
NEW MEXICO EAST
NAD 1927
X=775929
Y=435944
LAT.: N 32.1953812
LONG.: W 103.4413449
NAD 1983
X=817114
Y=436003
LAT.: N 32.1955061
LONG.: W 103.4418168

FED PERF. POINT
NEW MEXICO EAST
NAD 1927
X=775974
Y=430761
LAT.: N 32.1811334
LONG.: W 103.4413371
NAD 1983
X=817159
Y=430819
LAT.: N 32.1812584
LONG.: W 103.4418081

SURFACE LOCATION
NEW MEXICO EAST
NAD 1927
X=775195
Y=428406
LAT.: N 32.1746792
LONG.: W 103.4439161
NAD 1983
X=816381
Y=428465
LAT.: N 32.1748042
LONG.: W 103.4443869

UPPER MOST PERF.
NEW MEXICO EAST
NAD 1927
X=775996
Y=428222
LAT.: N 32.1741545
LONG.: W 103.4413332
NAD 1983
X=817182
Y=428281
LAT.: N 32.1742795
LONG.: W 103.4418038

¹⁷OPERATOR 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.

Signature _____ Date _____

Printed Name _____

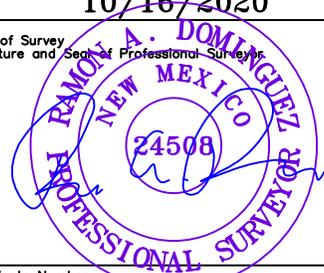
E-mail Address _____

¹⁸SURVEYOR 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 to the best of my belief.

10/16/2020

Date of Survey _____
Signature and Seal of Professional Surveyor _____



Certificate Number _____

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011

Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-		² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name HARRIER 35 NORTH FED COM		⁶ Well Number 401H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.		⁹ Elevation 3404'

¹⁰Surface Location

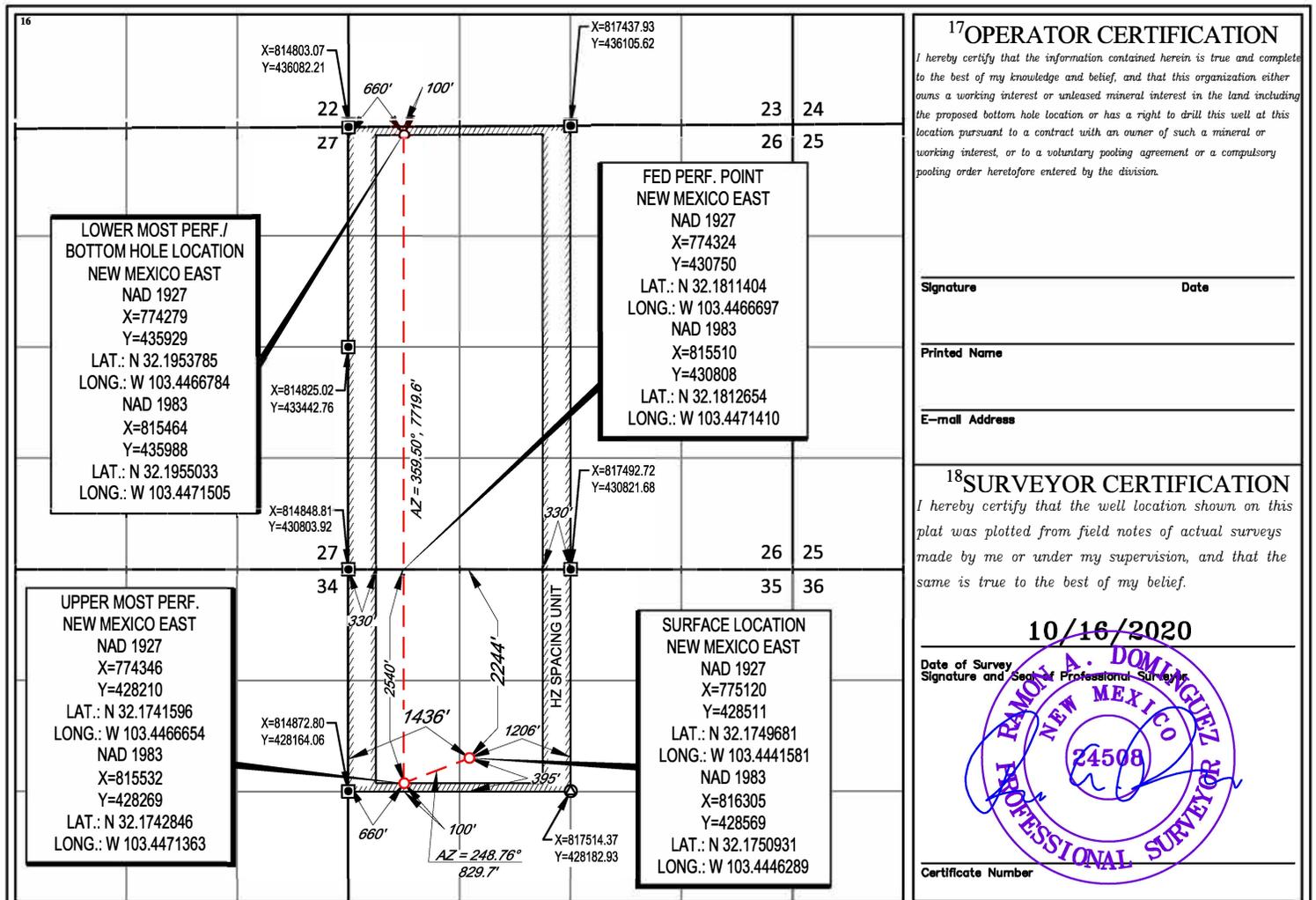
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	35	24-S	34-E	-	2244'	NORTH	1436'	WEST	LEA

¹¹Bottom 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
D	26	24-S	34-E	-	100'	NORTH	660'	WEST	LEA

¹² Dedicated Acres 480.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.



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

FORM C-102

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AMENDED REPORT

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WELL LOCATION AND ACREAGE DEDICATION PLAT

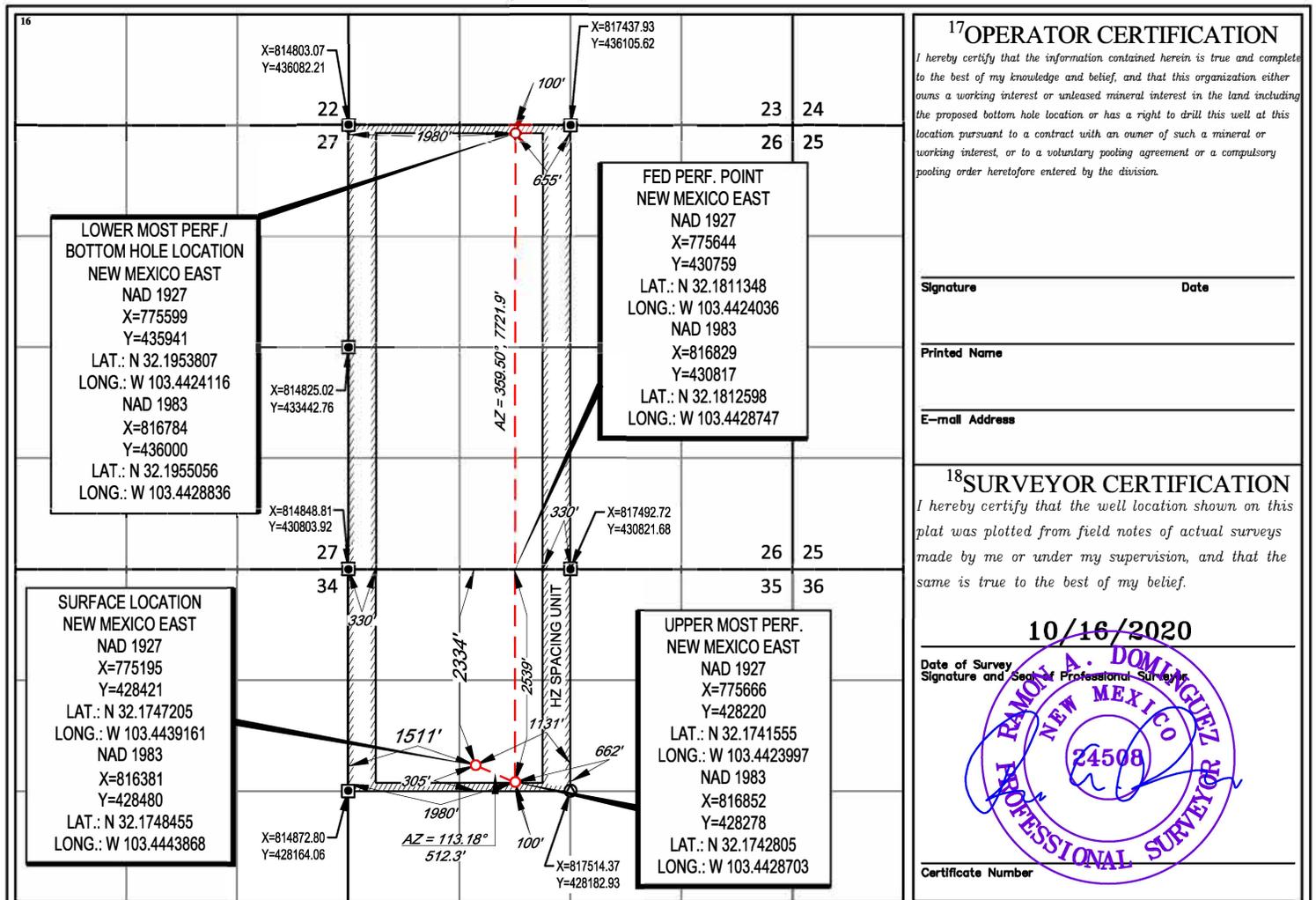
¹ API Number 30-025-	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name HARRIER 35 NORTH FED COM	
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁶ Well Number 402H
⁹ Elevation 3403'		

¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	35	24-S	34-E	-	2334'	NORTH	1511'	WEST	LEA

¹¹ 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
C	26	24-S	34-E	-	100'	NORTH	1980'	WEST	LEA

¹² Dedicated Acres 480.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-		² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name HARRIER 35 NORTH FED COM		⁶ Well Number 601H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.		⁹ Elevation 3404'

¹⁰Surface Location

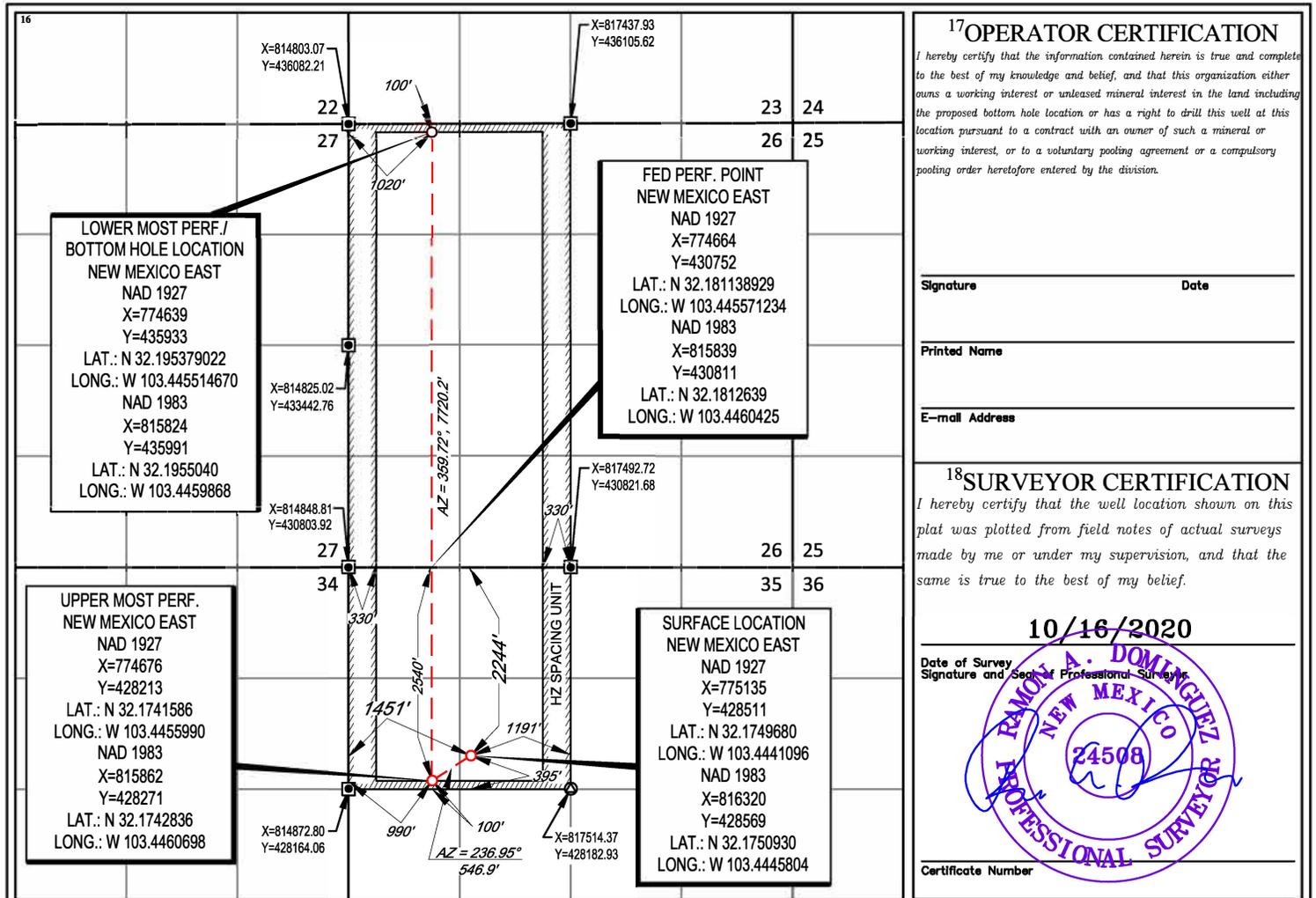
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	35	24-S	34-E	-	2244'	NORTH	1451'	WEST	LEA

¹¹Bottom 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
D	26	24-S	34-E	-	100'	NORTH	1020'	WEST	LEA

¹² Dedicated Acres 480.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

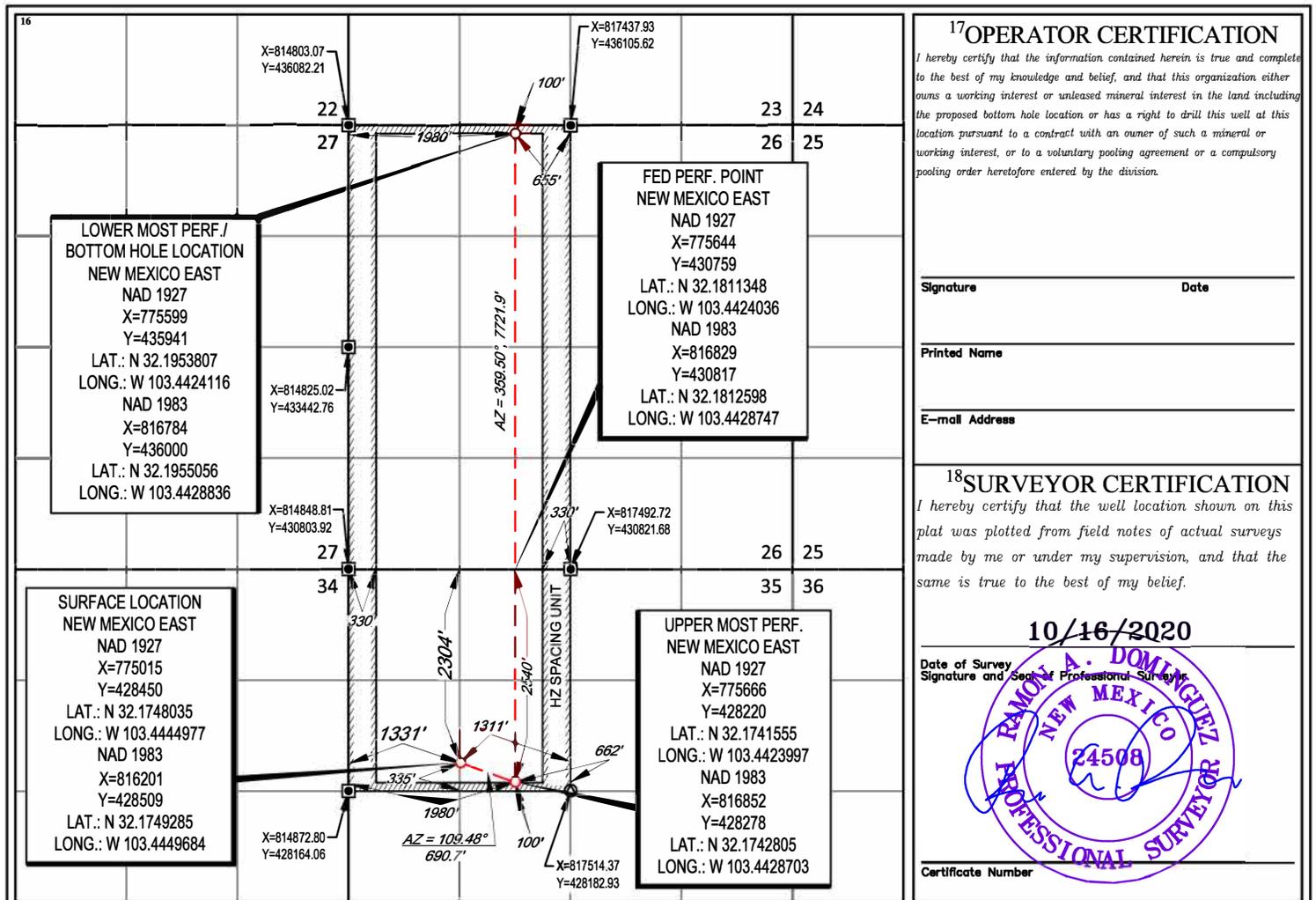
¹ API Number 30-025-	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name HARRIER 35 NORTH FED COM	
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁶ Well Number 602H
⁹ Elevation 3403'		

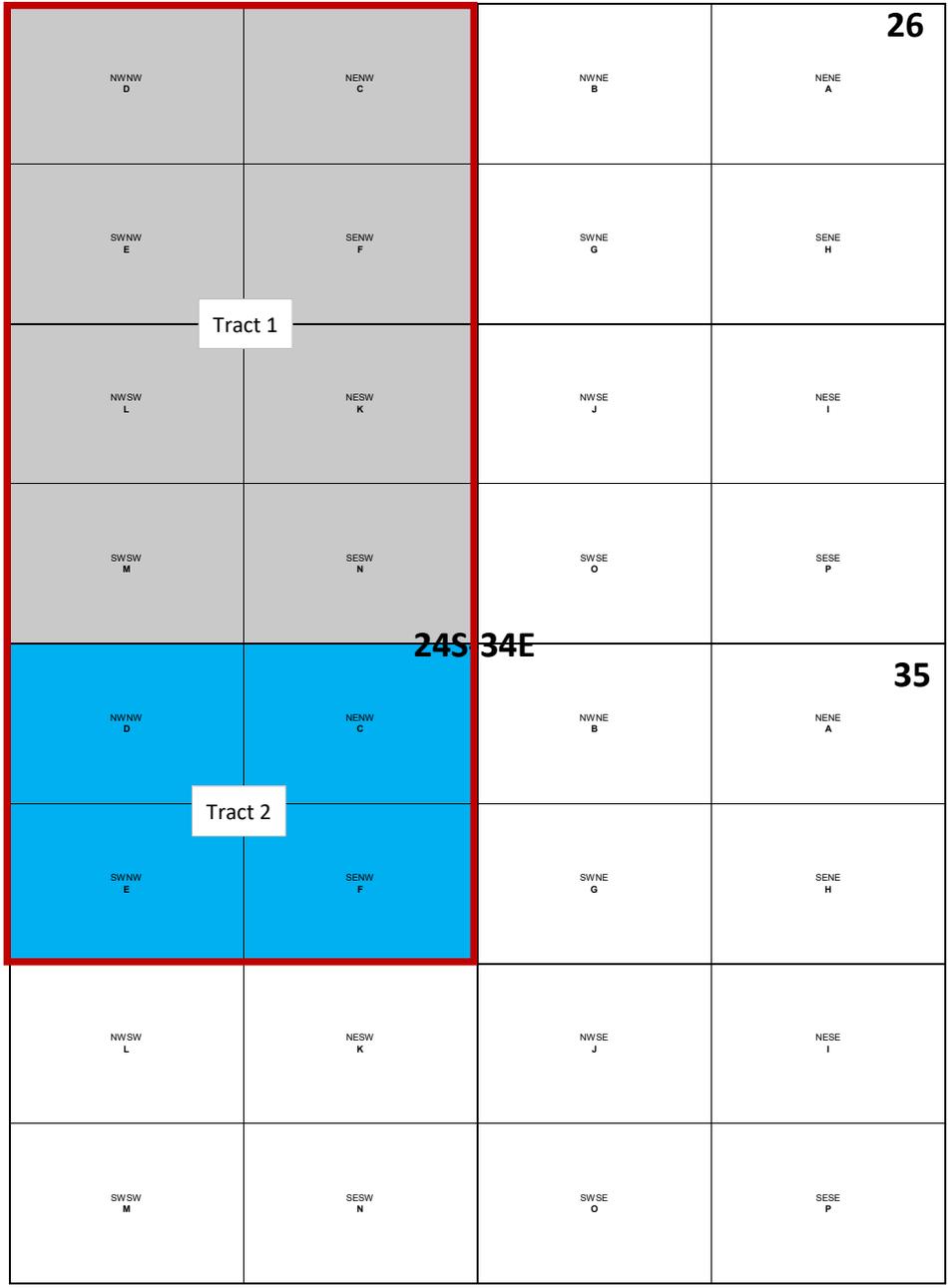
¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	35	24-S	34-E	-	2304'	NORTH	1331'	WEST	LEA

¹¹ 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
C	26	24-S	34-E	-	100'	NORTH	1980'	WEST	LEA

¹² Dedicated Acres 480.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.





Harrier 35 North Fed Com Leases

0089624/000
USA NMNM-123533

0332663/000
ST NM VO-7379

Spacing Unit Boundary:
W/2 Comm Agmts

Case No. 23032,
Harrier Exhibit C-3

<u>Owner Name</u>	<u>Type</u>	<u>Tract</u>	<u>Depths</u>	<u>WI (Expense)</u>	<u>WI (Expense; Formula)</u>	<u>NRI</u>
Bureau of Land Management, Department of the Interior, United States of America	RI	1	Surface - Base Wolfcamp			0.08333333
State of New Mexico	RI	2	Surface - Base Wolfcamp			0.05555556
EOG Resources, Inc.	OR	2	Surface - Base Wolfcamp			0.01091562
Sharbro Energy, LLC	OR	2	Surface - Base Wolfcamp			0.00002982
EOG Resources, Inc.	WI	1 & 2	Surface - Base Wolfcamp	0.91796932	$(320/480) + (75.375007\% * 160/480) + (0.015789\% * 160/480)$	0.78180677
*Oxy Y-1 Company P.O. Box 27570 Houston, TX 77227-7570	WI	2	Surface - Base Wolfcamp	0.08187279	$(24.561837\% * 160/480)$	0.06822733
Sharbro Energy, LLC	WI	2	Surface - Base Wolfcamp	0.00015789	$(.047367\% * 160/480)$	0.00013157
TOTAL	TOT			1.00000000		1.00000000

TRACT ONE: 320 acres, more or less, being the West Half (W/2) of Section 26, Township 24 South, Range 34 East, N.M.P.M., Lea County, New Mexico

TRACT TWO: 160 acres, more or less, being the Northwest Quarter (NW/4) of Section 35, Township 24 South, Range 34 East, N.M.P.M., Lea County, New Mexico

*PARTY TO BE POOLED



October 18, 2021

Oxy Y-1 Company
P.O. Box 27570
Houston, TX 77227-7570

EMAIL, CERTIFIED MAIL, RETURN RECEIPT REQUESTED

RE: **Harrier 35 North Fed Com #301H, #302H, #401H, #402H, #601H, #602H, #701H, #702H, #703H, and #704H Well Proposals**
Section 26: W/2, Section 35: NW/4, 24S-34E.
Lea County, New Mexico

Dear Working Interest Owner:

EOG Resources, Inc. (“EOG”) hereby proposes the drilling of the following horizontal wells located in the W/2 of Section 26 and the NW/4 of Section 35, 24S-34E, Lea County, New Mexico:

Harrier 35 North Fed Com #301H

SHL: 2304' FNL 1511' FWL, Section 35, 24S-34E
BHL: 100' FNL 1320' FWL, Section 26, 24S-34E
TVD: 10,365'
TMD: 17,865'
Horizontal Spacing Unit: W/2 of Section 26 and NW/4 of Section 35, 24S-34E, Lea County, New Mexico
Targeted Interval: Bone Spring Formation
Total Estimated Drilling and Completion Cost: See attached AFE

Harrier 35 North Fed Com #302H

SHL: 2349' FNL 1511' FWL, Section 35, 24S-34E
BHL: 100' FNL 2310' FWL, Section 26, 24S-34E
TVD: 10,365'
TMD: 17,865'
Horizontal Spacing Unit: W/2 of Section 26 and NW/4 of Section 35, 24S-34E, Lea County, New Mexico
Targeted Interval: Bone Spring Formation
Total Estimated Drilling and Completion Cost: See attached AFE



Harrier 35 North Fed Com #401H

SHL: 2244' FNL 1436' FWL, Section 35, 24S-34E

BHL: 100' FNL 660' FWL, Section 26, 24S-34E

TVD: 10,680'

TMD: 18,180'

Horizontal Spacing Unit: W/2 of Section 26 and NW/4 of Section 35, 24S-34E, Lea County, New Mexico

Targeted Interval: Bone Spring Formation

Total Estimated Drilling and Completion Cost: See attached AFE

Harrier 35 North Fed Com #402

SHL: 2334' FNL 1511' FWL, Section 35, 24S-34E

BHL: 100' FNL 1980' FWL, Section 26, 24S-34E

TVD: 10,680'

TMD: 18,180'

Horizontal Spacing Unit: W/2 of Section 26 and NW/4 of Section 35, 24S-34E, Lea County, New Mexico

Targeted Interval: Bone Spring Formation

Total Estimated Drilling and Completion Cost: See attached AFE

Harrier 35 North Fed Com #601H

SHL: 2244' FNL 1451' FWL, Section 35, 24S-34E

BHL: 100' FNL 1020' FWL, Section 26, 24S-34E

TVD: 12,260'

TMD: 19,760'

Horizontal Spacing Unit: W/2 of Section 26 and NW/4 of Section 35, 24S-34E, Lea County, New Mexico

Targeted Interval: Bone Spring Formation

Total Estimated Drilling and Completion Cost: See attached AFE

Harrier 35 North Fed Com #602H

SHL: 2304' FNL 1331' FWL, Section 35, 24S-34E

BHL: 100' FNL 1980' FWL, Section 26, 24S-34E

TVD: 12,260'

TMD: 19,760'

Horizontal Spacing Unit: W/2 of Section 26 and NW/4 of Section 35, 24S-34E, Lea County, New Mexico

Targeted Interval: Bone Spring Formation

Total Estimated Drilling and Completion Cost: See attached AFE

Harrier 35 North Fed Com #701H

SHL: 2364' FNL 1196' FWL, Section 35, 24S-34E

BHL: 100' FNL 330' FWL, Section 26, 24S-34E

TVD: 12,530'

TMD: 20,030'



Horizontal Spacing Unit: W/2 of Section 26 and NW/4 of Section 35, 24S-34E, Lea County, New Mexico

Targeted Interval: Wolfcamp formation

Total Estimated Drilling and Completion Cost: See attached AFE

Harrier 35 North Fed Com #702H

SHL: 2364' FNL 1226' FWL, Section 35, 24S-34E

BHL: 100' FNL 1020' FWL, Section 26, 24S-34E

TVD: 12,530'

TMD: 20,030'

Horizontal Spacing Unit: W/2 of Section 26 and NW/4 of Section 35, 24S-34E, Lea County, New Mexico

Targeted Interval: Wolfcamp formation

Total Estimated Drilling and Completion Cost: See attached AFE

Harrier 35 North Fed Com #703H

SHL: 2304' FNL 1316' FWL, Section 35, 24S-34E

BHL: 100' FNL 1650' FWL, Section 26, 24S-34E

TVD: 12,530'

TMD: 20,030'

Horizontal Spacing Unit: W/2 of Section 26 and NW/4 of Section 35, 24S-34E, Lea County, New Mexico

Targeted Interval: Wolfcamp formation

Total Estimated Drilling and Completion Cost: See attached AFE

Harrier 35 North Fed Com #704H

SHL: 2304' FNL 1346' FWL, Section 35, 24S-34E

BHL: 100' FNL 2310' FWL, Section 26, 24S-34E

TVD: 12,530'

TMD: 20,030'

Horizontal Spacing Unit: W/2 of Section 26 and NW/4 of Section 35, 24S-34E, Lea County, New Mexico

Targeted Interval: Wolfcamp formation

Total Estimated Drilling and Completion Cost: See attached AFE

EOG is proposing to drill these wells under the modified terms of the 1989 AAPL Operating Agreement with a contract area limited to the Bone Spring and Wolfcamp Formations and covering the W/2 of Section 26 and the NW/4 of Section 35, 24S-34E, Lea County, New Mexico. A form of said Operating Agreement will be forwarded to you following your receipt of this proposal.

Within 30 days of the date of this letter, if we do not reach a mutual agreement, EOG will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest for the proposed wells.

Please indicate your election to participate in the drilling and completion of the proposed wells in the space provided below. Please sign and return one copy of this letter, a signed copy of the enclosed AFE, and your geologic well requirements.

EOG appreciates your cooperation in the development of this acreage and thank you in advance for your early consideration of this proposal. If you have any questions, please call the undersigned at 432-227-3769 or by sending email to laci_stretcher@eogresources.com.

Sincerely,

EOG Resources, Inc.



Laci Stretcher
Landman

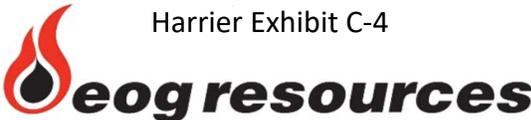
Please indicate your election in the space provided below:

_____ The undersigned elects **TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #301H well.

_____ The undersigned elects **NOT TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #301H well.

_____ The undersigned elects **TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #302H well.

_____ The undersigned elects **NOT TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #302H well.

 <p>Case No. 23032, Harrier Exhibit C-4</p>
--

_____ The undersigned elects **TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #401H well.

_____ The undersigned elects **NOT TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #401H well.

_____ The undersigned elects **TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #402H well.

_____ The undersigned elects **NOT TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #402H well.

_____ The undersigned elects **TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #601H well.

_____ The undersigned elects **NOT TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #601H well.

_____ The undersigned elects **TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #602H well.

_____ The undersigned elects **NOT TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #602H well.

_____ The undersigned elects **TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #701H well.

_____ The undersigned elects **NOT TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #701H well.

_____ The undersigned elects **TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #702H well.



_____ The undersigned elects **NOT TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #702H well.

_____ The undersigned elects **TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #703H well.

_____ The undersigned elects **NOT TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #703H well.

_____ The undersigned elects **TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #704H well.

_____ The undersigned elects **NOT TO PARTICIPATE** in the drilling, completing and equipping of the captioned EOG Resources, Inc. Harrier 35 North Fed Com #704H well.

Company: _____

By: _____

Title: _____

Date: _____





AFE No.	LS101421	Original
Property No.	XXXXXX-000	
EOG W.I.(BCP)		(ACP)
EOG AFE Amt:	(Drig)	\$2,739,000
	(Land)	\$81,000
	(Completion)	\$4,045,490
	(Facility)	\$311,500
	(Flowback)	\$292,500
	Total Cost	\$7,469,490

AFE Type :	DEVELOPMENT DRILLING	AFE Name :	Harrier 35 North Fed Com #301H	AFE Date :	10/14/2021	Budget Year :	2021
Reg. Lease No. :		Prospect Name :	RED HILLS	TVD / MD :	10365 / 17865	Begin Date :	
Location : (SHL)	2304' FNL 1511' FWL, Section 35, 24S-34E			BHLocation :	BH(LATERAL #1): 100' FNL 1320' FWL, Section 26, 24S-34E		
Formation :	Bone Spring	DD&A Field :					
Operator :	EOG RESOURCES INC	County & State :	LEA / NEW MEXICO	Field :	UNASSIGNED	Water Depth :	
AFE Description :	HARRIER 35 NORTH FED COM #301H D&C 10,365' TVD TO 17,865' MD IS A 1.5 MILE LATERAL TO BE COMPLETED IN THE BONE SPRING FORMATION. THE WELL IS LOCATED IN SECTION 35/26, T24S, R34E IN LEA CO., NM.				Product :	OIL	Days : 0 / 0

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
ACCESS LOCATION, ROADS&SURVEY	401	75,000	0	7,500	0	0	82,500
COMP-FLBK-LOCATION AND ROADS	401	0	0	0	0	10,000	10,000
COMP-RIG MOVE	402	0	0	0	0	0	0
RIG MOVE	402	225,000	0	0	0	0	225,000
FOOTAGE COST	403	0	0	0	0	0	0
DAY WORK COST	404	405,000	0	0	0	0	405,000
BITS & BHA	405	90,000	0	0	0	0	90,000
COMP-BITS & PHA	405	0	0	17,500	0	0	17,500
COMP - FUEL	406	0	0	295,000	0	5,000	300,000
FUEL	406	65,000	0	0	0	0	65,000
WATER	407	3,500	0	435,000	0	0	438,500
COMP-FLBK-CHEMICALS	408	0	0	0	0	3,000	3,000
MUD & CHEMICALS	408	240,000	0	0	0	0	240,000
CEMENTING & SERVICE	409	215,000	0	0	0	0	215,000
COMP- PERFORATING	413	0	0	333,500	0	0	333,500
COMP- STIMULATION	414	0	0	1,972,865	0	0	1,972,865
COMP-TRANSPORTATION	415	0	0	24,000	0	4,000	28,000
TRANSPORTATION	415	30,000	0	0	0	0	30,000
COMP-Completion Overhead	416	0	0	7,500	0	0	7,500
DRILLING OVERHEAD	416	5,000	0	0	0	0	5,000
COMP-EQUIPMENT RENTAL	417	0	0	150,000	0	0	150,000
FLBK-EQUIPMENT RENT/OPERATIONS	417	162,000	0	0	3,000	50,000	215,000
COMP-COMPLETION RIG	418	0	0	5,000	0	0	5,000
OTHER DRILLING EXPENSE	419	5,000	0	0	0	0	5,000
COMP-ENVIRON & SAFETY CHARGES	421	0	0	20,000	0	0	20,000
ENVIRONMENTAL & SAFETY	421	2,500	0	0	0	0	2,500
DIRECTIONAL DRILLING	422	210,000	0	0	0	0	210,000
COMP- SUPERVISION	424	0	0	165,000	0	0	165,000
SUPERVISION	424	115,000	0	0	0	0	115,000
COMP- COMMUNICATIONS	431	0	0	3,000	0	0	3,000
TUBULAR INSPECTION/HANDLING	436	5,000	0	1,000	0	0	6,000
COMP-CASED HOLE LOGGING/TEST	438	0	0	7,500	0	0	7,500
SPECIALTY SERVICES	441	100,000	0	15,000	0	0	115,000
COMP-WIRELINE SERVICES	442	0	0	8,500	0	0	8,500
COMP-COIL TUBING/NITROGEN	445	0	0	185,000	0	0	185,000
COMP-CONTRACT LABOR MISC	446	0	0	17,500	0	500	18,000
FLBK-DISPOSAL COSTS	447	105,000	0	45,000	0	125,000	275,000
COMP-COMPLETION FLUIDS	448	0	0	7,500	0	0	7,500
TITLE OPINION-DRILL SITE	453	0	10,000	0	0	0	10,000
COMP-FLOWBACK	465	0	0	5,000	0	75,000	80,000
COMP-REUSE WATER	480	0	0	165,000			165,000
COMP-LAND ROW DRILLING	482	0	7,500				7,500
COMP-LAND ROW COMPLETION	483	0	7,500				7,500
COMP-LAND SURVEY & DAMAGES DRILL	484	0	20,000	0	0	0	20,000
COMP-LAND SURVEY & DAMAGES COMP	485	0	20,000	0	0	0	20,000
COMP-REG-PERMIT FEE/ENV SURV&ASSESS	486	0	16,000	0	0	0	16,000
TOTAL INTANGIBLES		\$2,058,000	\$81,000	\$3,892,865	\$3,000	\$272,500	\$6,307,365

	UOM	QTY	SIZE	SIZE	GRADE	RATE						
SURFACE CASING						102	35,000	0	0	0	0	35,000
INTERMEDIATE CASING						103	200,000	0	0	0	0	200,000
PRODUCTION CASING						104	375,000	0	0	0	0	375,000
COMP-TUBING						106	0	0	58,125	0	0	58,125
WELLHEAD EQUIPMENT						107	71,000	0	82,500	0	0	153,500
COMP-FAC-FLOW LINES						109	0	0	0	95,000	0	95,000
COMP-FAC-VALVES & FITTINGS						110	0	0	0	31,000	0	31,000
COMP-VALVES & FITTINGS						110	0	0	1,500	0	20,000	21,500
COMP-PUMP EQUIP/SUBSURFACE						113	0	0	10,500	0	0	10,500
COMP-FAC-HEATERS,TREATRS,SEPRS						115	0	0	0	100,000	0	100,000
COMP-FAC-METERING EQUIPMENT						118	0	0	0	24,000	0	24,000
COMP-FAC-CONSTRUCTION COST						122	0	0	0	41,000	0	41,000
COMP-FAC-LABR/ELEC MEAS/AUTOMA						124	0	0	0	1,000	0	1,000
COMP-FAC-INSTRUMENT/ELECTRIC						128	0	0	0	5,000	0	5,000
COMP-FAC-TRANSPORTATION						415	0	0	0	3,000	0	3,000
COMP-FAC-ENVIRONMENTAL & SAFETY						421	0	0	0	5,500	0	5,500
COMP-FAC-ELECTRICAL LABOR						471	0	0	0	3,000	0	3,000
TOTAL TANGIBLES							\$681,000	\$0	\$152,625	\$308,500	\$20,000	\$1,162,125
TOTAL COST							\$2,739,000	\$81,000	\$4,045,490	\$311,500	\$292,500	\$7,469,490

By	Date	By	Date
JOINT OPERATOR APPROVAL			
Firm :	By	Title	Date

Case No. 23032,
Harrier Exhibit C-4



AFE No.	LS101422	Original
Property No.	XXXXXX-000	
EOG W.I.(BCP)		(ACP)
EOG AFE Amt:	(Drig)	\$2,739,000
	(Land)	\$81,000
	(Completion)	\$4,045,490
	(Facility)	\$311,500
	(Flowback)	\$292,500
	Total Cost	\$7,469,490

AFE Type :	DEVELOPMENT DRILLING	AFE Name :	Harrier 35 North Fed Com #302H	AFE Date :	10/14/2021	Budget Year :	2021
Reg. Lease No. :		Prospect Name :	RED HILLS	TVD / MD :	10365 / 17865	Begin Date :	
Location :	(SHL) 2349' FNL 1511' FWL, Section 35, 24S-34E			BHLocation :	BH(LATERAL #1): 100' FNL 2310' FWL, Section 26, 24S-34E		
Formation :	Bone Spring	DD&A Field :					
Operator :	EOG RESOURCES INC	County & State :	LEA / NEW MEXICO	Field :	UNASSIGNED	Water Depth :	
AFE Description :	HARRIER 35 NORTH FED COM #302H D&C 10,365' TVD TO 17,865' MD IS A 1.5 MILE LATERAL TO BE COMPLETED IN THE BONE SPRING FORMATION. THE WELL IS LOCATED IN SECTION 35/26, T24S, R34E IN LEA CO., NM.			Product :	OIL	Days :	0 / 0

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
ACCESS LOCATION, ROADS&SURVEY	401	75,000	0	7,500	0	0	82,500
COMP-FLBK-LOCATION AND ROADS	401	0	0	0	0	10,000	10,000
COMP-RIG MOVE	402	0	0	0	0	0	0
RIG MOVE	402	225,000	0	0	0	0	225,000
FOOTAGE COST	403	0	0	0	0	0	0
DAY WORK COST	404	405,000	0	0	0	0	405,000
BITS & BHA	405	90,000	0	0	0	0	90,000
COMP-BITS & PHA	405	0	0	17,500	0	0	17,500
COMP - FUEL	406	0	0	295,000	0	5,000	300,000
FUEL	406	65,000	0	0	0	0	65,000
WATER	407	3,500	0	435,000	0	0	438,500
COMP-FLBK-CHEMICALS	408	0	0	0	0	3,000	3,000
MUD & CHEMICALS	408	240,000	0	0	0	0	240,000
CEMENTING & SERVICE	409	215,000	0	0	0	0	215,000
COMP- PERFORATING	413	0	0	333,500	0	0	333,500
COMP- STIMULATION	414	0	0	1,972,865	0	0	1,972,865
COMP-TRANSPORTATION	415	0	0	24,000	0	4,000	28,000
TRANSPORTATION	415	30,000	0	0	0	0	30,000
COMP-Completion Overhead	416	0	0	7,500	0	0	7,500
DRILLING OVERHEAD	416	5,000	0	0	0	0	5,000
COMP-EQUIPMENT RENTAL	417	0	0	150,000	0	0	150,000
FLBK-EQUIPMENT RENT/OPERATIONS	417	162,000	0	0	3,000	50,000	215,000
COMP-COMPLETION RIG	418	0	0	5,000	0	0	5,000
OTHER DRILLING EXPENSE	419	5,000	0	0	0	0	5,000
COMP-ENVIRON & SAFETY CHARGES	421	0	0	20,000	0	0	20,000
ENVIRONMENTAL & SAFETY	421	2,500	0	0	0	0	2,500
DIRECTIONAL DRILLING	422	210,000	0	0	0	0	210,000
COMP- SUPERVISION	424	0	0	165,000	0	0	165,000
SUPERVISION	424	115,000	0	0	0	0	115,000
COMP- COMMUNICATIONS	431	0	0	3,000	0	0	3,000
TUBULAR INSPECTION/HANDLING	436	5,000	0	1,000	0	0	6,000
COMP-CASED HOLE LOGGING/TEST	438	0	0	7,500	0	0	7,500
SPECIALTY SERVICES	441	100,000	0	15,000	0	0	115,000
COMP-WIRELINE SERVICES	442	0	0	8,500	0	0	8,500
COMP-COIL TUBING/NITROGEN	445	0	0	185,000	0	0	185,000
COMP-CONTRACT LABOR MISC	446	0	0	17,500	0	500	18,000
FLBK-DISPOSAL COSTS	447	105,000	0	45,000	0	125,000	275,000
COMP-COMPLETION FLUIDS	448	0	0	7,500	0	0	7,500
TITLE OPINION-DRILL SITE	453	0	10,000	0	0	0	10,000
COMP-FLOWBACK	465	0	0	5,000	0	75,000	80,000
COMP-REUSE WATER	480	0	0	165,000			165,000
COMP-LAND ROW DRILLING	482	0	7,500				7,500
COMP-LAND ROW COMPLETION	483	0	7,500				7,500
COMP-LAND SURVEY & DAMAGES DRILL	484	0	20,000	0	0	0	20,000
COMP-LAND SURVEY & DAMAGES COMP	485	0	20,000	0	0	0	20,000
COMP-REG-PERMIT FEE/ENV SURV&ASSESS	486	0	16,000	0	0	0	16,000
TOTAL INTANGIBLES		\$2,058,000	\$81,000	\$3,892,865	\$3,000	\$272,500	\$6,307,365

	UOM	QTY	SIZE	SIZE	GRADE	RATE						
SURFACE CASING						102	35,000	0	0	0	0	35,000
INTERMEDIATE CASING						103	200,000	0	0	0	0	200,000
PRODUCTION CASING						104	375,000	0	0	0	0	375,000
COMP-TUBING						106	0	0	58,125	0	0	58,125
WELLHEAD EQUIPMENT						107	71,000	0	82,500	0	0	153,500
COMP-FAC-FLOW LINES						109	0	0	0	95,000	0	95,000
COMP-FAC-VALVES & FITTINGS						110	0	0	0	31,000	0	31,000
COMP-VALVES & FITTINGS						110	0	0	1,500	0	20,000	21,500
COMP-PUMP EQUIP/SUBSURFACE						113	0	0	10,500	0	0	10,500
COMP-FAC-HEATERS,TREATRS,SEPRS						115	0	0	0	100,000	0	100,000
COMP-FAC-METERING EQUIPMENT						118	0	0	0	24,000	0	24,000
COMP-FAC-CONSTRUCTION COST						122	0	0	0	41,000	0	41,000
COMP-FAC-LABR/ELEC MEAS/AUTOMA						124	0	0	0	1,000	0	1,000
COMP-FAC-INSTRUMENT/ELECTRIC						128	0	0	0	5,000	0	5,000
COMP-FAC-TRANSPORTATION						415	0	0	0	3,000	0	3,000
COMP-FAC-ENVIRONMENTAL & SAFETY						421	0	0	0	5,500	0	5,500
COMP-FAC-ELECTRICAL LABOR						471	0	0	0	3,000	0	3,000
TOTAL TANGIBLES							\$681,000	\$0	\$152,625	\$308,500	\$20,000	\$1,162,125
TOTAL COST							\$2,739,000	\$81,000	\$4,045,490	\$311,500	\$292,500	\$7,469,490

By	Date	By	Date
JOINT OPERATOR APPROVAL			
Firm :	By	Title	Date

Case No. 23032,
Harrier Exhibit C-4



MIDLAND

Printed 10/14/2021

AFE No.	LS101423	Original
Property No.	XXXXXX-000	
EOG W.I.(BCP)		(ACP)
EOG AFE Amt:	(Drig)	\$3,039,000
	(Land)	\$81,000
	(Completion)	\$4,045,490
	(Facility)	\$330,500
	(Flowback)	\$301,000
	Total Cost	\$7,796,990

AFE Type :	DEVELOPMENT DRILLING	AFE Name :	Harrier 35 North Fed Com #401H	AFE Date :	10/14/2021	Budget Year :	2021
Reg. Lease No. :		Prospect Name :	RED HILLS	TVD / MD :	10680 / 18180	Begin Date :	
Location : (SHL)	2244' FNL 1436' FWL, Section 35, 24S-34E			BHLocation :	BH(LATERAL #1): 100' FNL 660' FWL, Section 26, 24S-34E		
Formation :	Bone Spring	DD&A Field :					
Operator :	EOG RESOURCES INC	County & State :	LEA / NEW MEXICO	Field :	UNASSIGNED	Water Depth :	
AFE Description :	HARRIER 35 NORTH FED COM #401H D&C 10,680' TVD TO 18,180' MD IS A 1.5 MILE LATERAL TO BE COMPLETED IN THE BONE SPRING FORMATION. THE WELL IS LOCATED IN SECTION 35/26, T24S, R34E IN LEA CO., NM.			Product :	OIL	Days :	0 / 0

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
ACCESS LOCATION, ROADS&SURVEY	401	75,000	0	7,500	0	0	82,500
COMP-FLBK-LOCATION AND ROADS	401	0	0	0	0	10,000	10,000
COMP-RIG MOVE	402	0	0	0	0	0	0
RIG MOVE	402	225,000	0	0	0	0	225,000
FOOTAGE COST	403	0	0	0	0	0	0
DAY WORK COST	404	475,000	0	0	0	0	475,000
BITS & BHA	405	100,000	0	0	0	0	100,000
COMP-BITS & PHA	405	0	0	17,500	0	0	17,500
COMP - FUEL	406	80,000	0	295,000	0	1,000	376,000
FUEL	406	90,000	0	0	0	0	90,000
WATER	407	3,500	0	435,000	0	0	438,500
COMP-FLBK-CHEMICALS	408	0	0	0	0	3,000	3,000
MUD & CHEMICALS	408	260,000	0	0	0	0	260,000
CEMENTING & SERVICE	409	235,000	0	0	0	0	235,000
COMP- PERFORATING	413	0	0	333,500	0	0	333,500
COMP- STIMULATION	414	0	0	1,972,865	0	0	1,972,865
COMP-TRANSPORTATION	415	0	0	24,000	0	500	24,500
TRANSPORTATION	415	30,000	0	0	0	0	30,000
COMP-Completion Overhead	416	0	0	7,500	0	0	7,500
DRILLING OVERHEAD	416	5,000	0	0	0	0	5,000
COMP-EQUIPMENT RENTAL	417	0	0	150,000	0	0	150,000
FLBK-EQUIPMENT RENT/OPERATIONS	417	162,000	0	0	3,000	50,000	215,000
COMP-COMPLETION RIG	418	0	0	5,000	0	0	5,000
OTHER DRILLING EXPENSE	419	5,000	0	0	0	0	5,000
COMP-ENVIRON & SAFETY CHARGES	421	0	0	20,000	0	1,500	21,500
ENVIRONMENTAL & SAFETY	421	2,500	0	0	0	0	2,500
DIRECTIONAL DRILLING	422	250,000	0	0	0	0	250,000
COMP- SUPERVISION	424	0	0	165,000	0	0	165,000
SUPERVISION	424	150,000	0	0	0	4,500	154,500
COMP- COMMUNICATIONS	431	0	0	3,000	0	0	3,000
TUBULAR INSPECTION/HANDLING	436	5,000	0	1,000	0	0	6,000
COMP-CASED HOLE LOGGING/TEST	438	0	0	7,500	0	0	7,500
SPECIALTY SERVICES	441	100,000	0	15,000	0	0	115,000
COMP-WIRELINE SERVICES	442	0	0	8,500	0	0	8,500
COMP-COIL TUBING/NITROGEN	445	0	0	185,000	0	0	185,000
COMP-CONTRACT LABOR MISC	446	0	0	17,500	0	500	18,000
FLBK-DISPOSAL COSTS	447	105,000	0	45,000	0	125,000	275,000
COMP-COMPLETION FLUIDS	448	0	0	7,500	0	0	7,500
TITLE OPINION-DRILL SITE	453	0	10,000	0	0	0	10,000
COMP-FLOWBACK	465	0	0	5,000	0	75,000	80,000
COMP-REUSE WATER	480	0	0	165,000			165,000
COMP-LAND ROW DRILLING	482	0	7,500				7,500
COMP-LAND ROW COMPLETION	483	0	7,500				7,500
COMP-LAND SURVEY & DAMAGES DRILL	484	0	20,000	0	0	0	20,000
COMP-LAND SURVEY & DAMAGES COMP	485	0	20,000	0	0	0	20,000
COMP-REG-PERMIT FEE/ENV SURV&ASSESS	486	0	16,000	0	0	0	16,000
TOTAL INTANGIBLES		\$2,358,000	\$81,000	\$3,892,865	\$3,000	\$271,000	\$6,605,865

	UOM	QTY	SIZE	SIZE	GRADE	RATE						
SURFACE CASING						102	35,000	0	0	0	35,000	
INTERMEDIATE CASING						103	200,000	0	0	0	200,000	
PRODUCTION CASING						104	375,000	0	0	0	375,000	
COMP-TUBING						106	0	0	58,125	0	58,125	
WELLHEAD EQUIPMENT						107	71,000	0	82,500	0	153,500	
COMP-FAC-FLOW LINES						109	0	0	0	95,000	95,000	
COMP-FAC-VALVES & FITTINGS						110	0	0	0	31,000	31,000	
COMP-VALVES & FITTINGS						110	0	0	1,500	0	31,500	
COMP-PUMP EQUIP/SUBSURFACE						113	0	0	10,500	0	10,500	
COMP-FAC-HEATERS,TREATRS,SEPRS						115	0	0	0	100,000	100,000	
COMP-FAC-METERING EQUIPMENT						118	0	0	0	24,000	24,000	
COMP-FAC-CONSTRUCTION COST						122	0	0	0	60,000	60,000	
COMP-FAC-LABR/ELEC MEAS/AUTOMA						124	0	0	0	1,000	1,000	
COMP-FAC-INSTRUMENT/ELECTRIC						128	0	0	0	5,000	5,000	
COMP-FAC-TRANSPORTATION						415	0	0	0	3,000	3,000	
COMP-FAC-ENVIRONMENTAL & SAFETY						421	0	0	0	5,500	5,500	
COMP-FAC-ELECTRICAL LABOR						471	0	0	0	3,000	3,000	
TOTAL TANGIBLES							\$681,000	\$0	\$152,625	\$327,500	\$30,000	\$1,191,125
TOTAL COST							\$3,039,000	\$81,000	\$4,045,490	\$330,500	\$301,000	\$7,796,990

By	Date	By	Date
JOINT OPERATOR APPROVAL			
Firm :	By	Title	Date

Case No. 23032,
Harrier Exhibit C-4



AFE No.	LS101424	Original
Property No.	XXXXXX-000	
EOG W.I.(BCP)		(ACP)
EOG AFE Amt:	(Drig)	\$3,039,000
	(Land)	\$81,000
	(Completion)	\$4,045,490
	(Facility)	\$330,500
	(Flowback)	\$301,000
	Total Cost	\$7,796,990

AFE Type :	DEVELOPMENT DRILLING	AFE Name :	Harrier 35 North Fed Com #402H	AFE Date :	10/14/2021	Budget Year :	2021
Reg. Lease No. :		Prospect Name :	RED HILLS	TVD / MD :	10680 / 18180	Begin Date :	
Location : (SHL)	2334' FNL 1511' FWL, Section 35, 24S-34E			BHLocation :	BH(LATERAL #1): 100' FNL 1980' FWL, Section 26, 24S-34E		
Formation :	Bone Spring	DD&A Field :					
Operator :	EOG RESOURCES INC	County & State :	LEA / NEW MEXICO	Field :	UNASSIGNED	Water Depth :	
AFE Description :	HARRIER 35 NORTH FED COM #402H D&C 10,680' TVD TO 18,180' MD IS A 1.5 MILE LATERAL TO BE COMPLETED IN THE BONE SPRING FORMATION. THE WELL IS LOCATED IN SECTION 35/26, T24S, R34E IN LEA CO., NM.				Product :	OIL	Days : 0 / 0

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
ACCESS LOCATION, ROADS&SURVEY	401	75,000	0	7,500	0	0	82,500
COMP-FLBK-LOCATION AND ROADS	401	0	0	0	0	10,000	10,000
COMP-RIG MOVE	402	0	0	0	0	0	0
RIG MOVE	402	225,000	0	0	0	0	225,000
FOOTAGE COST	403	0	0	0	0	0	0
DAY WORK COST	404	475,000	0	0	0	0	475,000
BITS & BHA	405	100,000	0	0	0	0	100,000
COMP-BITS & PHA	405	0	0	17,500	0	0	17,500
COMP - FUEL	406	80,000	0	295,000	0	1,000	376,000
FUEL	406	90,000	0	0	0	0	90,000
WATER	407	3,500	0	435,000	0	0	438,500
COMP-FLBK-CHEMICALS	408	0	0	0	0	3,000	3,000
MUD & CHEMICALS	408	260,000	0	0	0	0	260,000
CEMENTING & SERVICE	409	235,000	0	0	0	0	235,000
COMP- PERFORATING	413	0	0	333,500	0	0	333,500
COMP- STIMULATION	414	0	0	1,972,865	0	0	1,972,865
COMP-TRANSPORTATION	415	0	0	24,000	0	500	24,500
TRANSPORTATION	415	30,000	0	0	0	0	30,000
COMP-Completion Overhead	416	0	0	7,500	0	0	7,500
DRILLING OVERHEAD	416	5,000	0	0	0	0	5,000
COMP-EQUIPMENT RENTAL	417	0	0	150,000	0	0	150,000
FLBK-EQUIPMENT RENT/OPERATIONS	417	162,000	0	0	3,000	50,000	215,000
COMP-COMPLETION RIG	418	0	0	5,000	0	0	5,000
OTHER DRILLING EXPENSE	419	5,000	0	0	0	0	5,000
COMP-ENVIRON & SAFETY CHARGES	421	0	0	20,000	0	1,500	21,500
ENVIRONMENTAL & SAFETY	421	2,500	0	0	0	0	2,500
DIRECTIONAL DRILLING	422	250,000	0	0	0	0	250,000
COMP- SUPERVISION	424	0	0	165,000	0	0	165,000
SUPERVISION	424	150,000	0	0	0	4,500	154,500
COMP- COMMUNICATIONS	431	0	0	3,000	0	0	3,000
TUBULAR INSPECTION/HANDLING	436	5,000	0	1,000	0	0	6,000
COMP-CASED HOLE LOGGING/TEST	438	0	0	7,500	0	0	7,500
SPECIALTY SERVICES	441	100,000	0	15,000	0	0	115,000
COMP-WIRELINE SERVICES	442	0	0	8,500	0	0	8,500
COMP-COIL TUBING/NITROGEN	445	0	0	185,000	0	0	185,000
COMP-CONTRACT LABOR MISC	446	0	0	17,500	0	500	18,000
FLBK-DISPOSAL COSTS	447	105,000	0	45,000	0	125,000	275,000
COMP-COMPLETION FLUIDS	448	0	0	7,500	0	0	7,500
TITLE OPINION-DRILL SITE	453	0	10,000	0	0	0	10,000
COMP-FLOWBACK	465	0	0	5,000	0	75,000	80,000
COMP-REUSE WATER	480	0	0	165,000			165,000
COMP-LAND ROW DRILLING	482	0	7,500				7,500
COMP-LAND ROW COMPLETION	483	0	7,500				7,500
COMP-LAND SURVEY & DAMAGES DRILL	484	0	20,000	0	0	0	20,000
COMP-LAND SURVEY & DAMAGES COMP	485	0	20,000	0	0	0	20,000
COMP-REG-PERMIT FEE/ENV SURV&ASSESS	486	0	16,000	0	0	0	16,000
TOTAL INTANGIBLES		\$2,358,000	\$81,000	\$3,892,865	\$3,000	\$271,000	\$6,605,865

	UOM	QTY	SIZE	SIZE	GRADE	RATE						
SURFACE CASING						102	35,000	0	0	0	35,000	
INTERMEDIATE CASING						103	200,000	0	0	0	200,000	
PRODUCTION CASING						104	375,000	0	0	0	375,000	
COMP-TUBING						106	0	0	58,125	0	58,125	
WELLHEAD EQUIPMENT						107	71,000	0	82,500	0	153,500	
COMP-FAC-FLOW LINES						109	0	0	0	95,000	95,000	
COMP-FAC-VALVES & FITTINGS						110	0	0	0	31,000	31,000	
COMP-VALVES & FITTINGS						110	0	0	1,500	0	31,500	
COMP-PUMP EQUIP/SUBSURFACE						113	0	0	10,500	0	10,500	
COMP-FAC-HEATERS,TREATRS,SEPRS						115	0	0	0	100,000	100,000	
COMP-FAC-METERING EQUIPMENT						118	0	0	0	24,000	24,000	
COMP-FAC-CONSTRUCTION COST						122	0	0	0	60,000	60,000	
COMP-FAC-LABR/ELEC MEAS/AUTOMA						124	0	0	0	1,000	1,000	
COMP-FAC-INSTRUMENT/ELECTRIC						128	0	0	0	5,000	5,000	
COMP-FAC-TRANSPORTATION						415	0	0	0	3,000	3,000	
COMP-FAC-ENVIRONMENTAL & SAFETY						421	0	0	0	5,500	5,500	
COMP-FAC-ELECTRICAL LABOR						471	0	0	0	3,000	3,000	
TOTAL TANGIBLES							\$681,000	\$0	\$152,625	\$327,500	\$30,000	\$1,191,125
TOTAL COST							\$3,039,000	\$81,000	\$4,045,490	\$330,500	\$301,000	\$7,796,990

By	Date	By	Date
JOINT OPERATOR APPROVAL			
Firm :	By	Title	Date

Case No. 23032,
Harrier Exhibit C-4



MIDLAND		Printed 10/14/2021
AFE No.	LS101425	Original
Property No.	XXXXXX-000	
EOG W.I.(BCP)	(ACP)	
EOG AFE Amt:	(Drig)	\$3,732,500
	(Land)	\$76,000
	(Completion)	\$4,319,621
	(Facility)	\$413,500
	(Flowback)	\$435,500
	Total Cost	\$8,977,121

AFE Type :	DEVELOPMENT DRILLING	AFE Name :	Harrier 35 North Fed Com #601H	AFE Date :	10/14/2021	Budget Year :	2021
Reg. Lease No. :		Prospect Name :	RED HILLS	TVD / MD :	12260 / 19760	Begin Date :	
Location :	(SHL) 2244' FNL 1451' FWL, Section 35, 24S-34E			BHLocation :	BH(LATERAL #1): 100' FNL 1020' FWL, Section 26, 24S-34E		
Formation :	Bone Spring	DD&A Field :					
Operator :	EOG RESOURCES INC	County & State :	LEA / NEW MEXICO	Field :	UNASSIGNED	Water Depth :	
AFE Description :	HARRIER 35 NORTH FED COM #601H D&C 12,260' TVD TO 19,760' MD IS A 1.5 MILE LATERAL TO BE COMPLETED IN THE BONE SPRING FORMATION. THE WELL IS LOCATED IN SECTION 35/26, T24S, R34E IN LEA CO., NM.				Product :	OIL	Days : 0 / 0

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
ACCESS LOCATION, ROADS&SURVEY	401	90,000	0	7,500	0	0	97,500
COMP-FLBK-LOCATION AND ROADS	401	0	0	0	0	10,000	10,000
COMP-RIG MOVE	402	0	0	0	0	0	0
RIG MOVE	402	25,000	0	0	0	0	25,000
FOOTAGE COST	403	75,000	0	0	0	0	75,000
DAY WORK COST	404	590,000	0	0	0	0	590,000
BITS & BHA	405	145,000	0	0	0	0	145,000
COMP-BITS & PHA	405	0	0	17,500	0	0	17,500
COMP - FUEL	406	0	0	300,000	0	7,500	307,500
FUEL	406	140,000	0	0	0	0	140,000
WATER	407	5,000	0	515,000	0	0	520,000
COMP-FLBK-CHEMICALS	408	0	0	0	0	3,000	3,000
MUD & CHEMICALS	408	325,000	0	0	0	0	325,000
CEMENTING & SERVICE	409	210,000	0	0	0	0	210,000
COMP- PERFORATING	413	0	0	356,500	0	0	356,500
COMP- STIMULATION	414	0	0	2,262,891	0	0	2,262,891
COMP-TRANSPORTATION	415	0	0	24,000	0	0	24,000
TRANSPORTATION	415	37,500	0	0	0	0	37,500
COMP-Completion Overhead	416	0	0	7,500	0	0	7,500
DRILLING OVERHEAD	416	5,000	0	0	0	0	5,000
COMP-EQUIPMENT RENTAL	417	0	0	130,000	0	0	130,000
FLBK-EQUIPMENT RENT/OPERATIONS	417	195,000	0	0	3,000	60,000	258,000
COMP-COMPLETION RIG	418	0	0	5,000	0	0	5,000
OTHER DRILLING EXPENSE	419	5,000	0	0	0	0	5,000
COMP-ENVIRON & SAFETY CHARGES	421	0	0	20,000	0	0	20,000
ENVIRONMENTAL & SAFETY	421	5,000	0	0	0	0	5,000
DIRECTIONAL DRILLING	422	235,000	0	0	0	0	235,000
COMP- SUPERVISION	424	0	0	125,000	0	0	125,000
SUPERVISION	424	150,000	0	0	0	0	150,000
COMP- COMMUNICATIONS	431	0	0	3,000	0	0	3,000
TUBULAR INSPECTION/HANDLING	436	5,000	0	1,000	0	0	6,000
COMP-CASED HOLE LOGGING/TEST	438	0	0	7,500	0	0	7,500
SPECIALTY SERVICES	441	150,000	0	15,000	0	0	165,000
COMP-WIRELINE SERVICES	442	0	0	8,500	0	0	8,500
COMP-COIL TUBING/NITROGEN	445	0	0	175,000	0	0	175,000
COMP-CONTRACT LABOR MISC	446	0	0	17,500	0	0	17,500
FLBK-DISPOSAL COSTS	447	200,000	0	22,500	0	225,000	447,500
COMP-COMPLETION FLUIDS	448	0	0	7,500	0	0	7,500
TITLE OPINION-DRILL SITE	453	0	5,000	0	0	0	5,000
COMP-FLOWBACK	465	0	0	5,000	0	100,000	105,000
COMP-REUSE WATER	480	0	0	135,000			135,000
COMP-LAND ROW DRILLING	482	0	7,500				7,500
COMP-LAND ROW COMPLETION	483	0	7,500				7,500
COMP-LAND SURVEY & DAMAGES DRILL	484	0	20,000	0	0	0	20,000
COMP-LAND SURVEY & DAMAGES COMP	485	0	20,000	0	0	0	20,000
COMP-REG-PERMIT FEE/ENV SURV&ASSESS	486	0	16,000	0	0	0	16,000
TOTAL INTANGIBLES		\$2,592,500	\$76,000	\$4,168,391	\$3,000	\$405,500	\$7,245,391

	UOM	QTY	SIZE	SIZE	GRADE	RATE						
SURFACE CASING						102	40,000	0	0	0	0	40,000
INTERMEDIATE CASING						103	450,000	0	0	0	0	450,000
PRODUCTION CASING						104	550,000	0	0	0	0	550,000
COMP-TUBING						106	0	0	56,730	0	0	56,730
WELLHEAD EQUIPMENT						107	100,000	0	82,500	0	0	182,500
COMP-FAC-FLOW LINES						109	0	0	0	112,000	0	112,000
COMP-FAC-VALVES & FITTINGS						110	0	0	0	31,000	0	31,000
COMP-VALVES & FITTINGS						110	0	0	1,500	0	30,000	31,500
COMP-PUMP EQUIP/SUBSURFACE						113	0	0	10,500	0	0	10,500
COMP-FAC-HEATERS,TREATRS,SEPRS						115	0	0	0	135,000	0	135,000
COMP-FAC-METERING EQUIPMENT						118	0	0	0	24,000	0	24,000
COMP-FAC-CONSTRUCTION COST						122	0	0	0	94,000	0	94,000
COMP-FAC-LABR/ELEC MEAS/AUTOMA						124	0	0	0	1,000	0	1,000
COMP-FAC-INSTRUMENT/ELECTRIC						128	0	0	0	5,000	0	5,000
COMP-FAC-TRANSPORTATION						415	0	0	0	3,000	0	3,000
COMP-FAC-ENVIRONMENTAL & SAFETY						421	0	0	0	2,500	0	2,500
COMP-FAC-ELECTRICAL LABOR						471	0	0	0	3,000	0	3,000
TOTAL TANGIBLES							\$1,140,000	\$0	\$151,230	\$410,500	\$30,000	\$1,731,730
TOTAL COST							\$3,732,500	\$76,000	\$4,319,621	\$413,500	\$435,500	\$8,977,121

By	Date	By	Date
JOINT OPERATOR APPROVAL			
Firm :	By	Title	Date

Case No. 23032,
Harrier Exhibit C-4



MIDLAND

Printed 10/14/2021

AFE No.	LS101426	Original
Property No.	XXXXXX-000	
EOG W.I.(BCP)		(ACP)
EOG AFE Amt:	(Drig)	\$3,732,500
	(Land)	\$76,000
	(Completion)	\$4,319,621
	(Facility)	\$413,500
	(Flowback)	\$435,500
	Total Cost	\$8,977,121

AFE Type :	DEVELOPMENT DRILLING	AFE Name :	Harrier 35 North Fed Com #602H	AFE Date :	10/14/2021	Budget Year :	2021
Reg. Lease No. :		Prospect Name :	RED HILLS	TVD / MD :	12260 / 19760	Begin Date :	
Location : (SHL)	2304' FNL 1331' FWL, Section 35, 24S-34E			BHLocation :	BH(LATERAL #1): 100' FNL 1980' FWL, Section 26, 24S-34E		
Formation :	Bone Spring	DD&A Field :					
Operator :	EOG RESOURCES INC	County & State :	LEA / NEW MEXICO	Field :	UNASSIGNED	Water Depth :	
AFE Description :	HARRIER 35 NORTH FED COM #602H D&C 12,260' TVD TO 19,760' MD IS A 1.5 MILE LATERAL TO BE COMPLETED IN THE BONE SPRING FORMATION. THE WELL IS LOCATED IN SECTION 35/26, T24S, R34E IN LEA CO., NM.				Product :	OIL	Days : 0 / 0

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
ACCESS LOCATION, ROADS&SURVEY	401	90,000	0	7,500	0	0	97,500
COMP-FLBK-LOCATION AND ROADS	401	0	0	0	0	10,000	10,000
COMP-RIG MOVE	402	0	0	0	0	0	0
RIG MOVE	402	25,000	0	0	0	0	25,000
FOOTAGE COST	403	75,000	0	0	0	0	75,000
DAY WORK COST	404	590,000	0	0	0	0	590,000
BITS & BHA	405	145,000	0	0	0	0	145,000
COMP-BITS & PHA	405	0	0	17,500	0	0	17,500
COMP - FUEL	406	0	0	300,000	0	7,500	307,500
FUEL	406	140,000	0	0	0	0	140,000
WATER	407	5,000	0	515,000	0	0	520,000
COMP-FLBK-CHEMICALS	408	0	0	0	0	3,000	3,000
MUD & CHEMICALS	408	325,000	0	0	0	0	325,000
CEMENTING & SERVICE	409	210,000	0	0	0	0	210,000
COMP- PERFORATING	413	0	0	356,500	0	0	356,500
COMP- STIMULATION	414	0	0	2,262,891	0	0	2,262,891
COMP-TRANSPORTATION	415	0	0	24,000	0	0	24,000
TRANSPORTATION	415	37,500	0	0	0	0	37,500
COMP-Completion Overhead	416	0	0	7,500	0	0	7,500
DRILLING OVERHEAD	416	5,000	0	0	0	0	5,000
COMP-EQUIPMENT RENTAL	417	0	0	130,000	0	0	130,000
FLBK-EQUIPMENT RENT/OPERATIONS	417	195,000	0	0	3,000	60,000	258,000
COMP-COMPLETION RIG	418	0	0	5,000	0	0	5,000
OTHER DRILLING EXPENSE	419	5,000	0	0	0	0	5,000
COMP-ENVIRON & SAFETY CHARGES	421	0	0	20,000	0	0	20,000
ENVIRONMENTAL & SAFETY	421	5,000	0	0	0	0	5,000
DIRECTIONAL DRILLING	422	235,000	0	0	0	0	235,000
COMP- SUPERVISION	424	0	0	125,000	0	0	125,000
SUPERVISION	424	150,000	0	0	0	0	150,000
COMP- COMMUNICATIONS	431	0	0	3,000	0	0	3,000
TUBULAR INSPECTION/HANDLING	436	5,000	0	1,000	0	0	6,000
COMP-CASED HOLE LOGGING/TEST	438	0	0	7,500	0	0	7,500
SPECIALTY SERVICES	441	150,000	0	15,000	0	0	165,000
COMP-WIRELINE SERVICES	442	0	0	8,500	0	0	8,500
COMP-COIL TUBING/NITROGEN	445	0	0	175,000	0	0	175,000
COMP-CONTRACT LABOR MISC	446	0	0	17,500	0	0	17,500
FLBK-DISPOSAL COSTS	447	200,000	0	22,500	0	225,000	447,500
COMP-COMPLETION FLUIDS	448	0	0	7,500	0	0	7,500
TITLE OPINION-DRILL SITE	453	0	5,000	0	0	0	5,000
COMP-FLOWBACK	465	0	0	5,000	0	100,000	105,000
COMP-REUSE WATER	480	0	0	135,000			135,000
COMP-LAND ROW DRILLING	482	0	7,500				7,500
COMP-LAND ROW COMPLETION	483	0	7,500				7,500
COMP-LAND SURVEY & DAMAGES DRILL	484	0	20,000	0	0	0	20,000
COMP-LAND SURVEY & DAMAGES COMP	485	0	20,000	0	0	0	20,000
COMP-REG-PERMIT FEE/ENV SURV&ASSESS	486	0	16,000	0	0	0	16,000
TOTAL INTANGIBLES		\$2,592,500	\$76,000	\$4,168,391	\$3,000	\$405,500	\$7,245,391

	UOM	QTY	SIZE	SIZE	GRADE	RATE						
SURFACE CASING						102	40,000	0	0	0	40,000	
INTERMEDIATE CASING						103	450,000	0	0	0	450,000	
PRODUCTION CASING						104	550,000	0	0	0	550,000	
COMP-TUBING						106	0	0	56,730	0	56,730	
WELLHEAD EQUIPMENT						107	100,000	0	82,500	0	182,500	
COMP-FAC-FLOW LINES						109	0	0	0	112,000	112,000	
COMP-FAC-VALVES & FITTINGS						110	0	0	0	31,000	31,000	
COMP-VALVES & FITTINGS						110	0	0	1,500	0	31,500	
COMP-PUMP EQUIP/SUBSURFACE						113	0	0	10,500	0	10,500	
COMP-FAC-HEATERS,TREATRS,SEPRS						115	0	0	0	135,000	135,000	
COMP-FAC-METERING EQUIPMENT						118	0	0	0	24,000	24,000	
COMP-FAC-CONSTRUCTION COST						122	0	0	0	94,000	94,000	
COMP-FAC-LABR/ELEC MEAS/AUTOMA						124	0	0	0	1,000	1,000	
COMP-FAC-INSTRUMENT/ELECTRIC						128	0	0	0	5,000	5,000	
COMP-FAC-TRANSPORTATION						415	0	0	0	3,000	3,000	
COMP-FAC-ENVIRONMENTAL & SAFETY						421	0	0	0	2,500	2,500	
COMP-FAC-ELECTRICAL LABOR						471	0	0	0	3,000	3,000	
TOTAL TANGIBLES							\$1,140,000	\$0	\$151,230	\$410,500	\$30,000	\$1,731,730
TOTAL COST							\$3,732,500	\$76,000	\$4,319,621	\$413,500	\$435,500	\$8,977,121

By	Date	By	Date
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JOINT OPERATOR APPROVAL			
Firm :	By	Title	Date

Case No. 23032,
Harrier Exhibit C-4



AFE No.	LS101427	Original
Property No.	XXXXXX-000	
EOG W.I.(BCP)		(ACP)
EOG AFE Amt:	(Drig)	\$3,732,500
	(Land)	\$76,000
	(Completion)	\$4,319,621
	(Facility)	\$413,500
	(Flowback)	\$435,500
	Total Cost	\$8,977,121

AFE Type :	DEVELOPMENT DRILLING	AFE Name :	Harrier 35 North Fed Com #701H	AFE Date :	10/14/2021	Budget Year :	2021
Reg. Lease No. :		Prospect Name :	RED HILLS	TVD / MD :	12530 / 20030	Begin Date :	
Location :	2364' FNL 1196' FWL, Section 35, 24S-34E			BHLocation :	BH(LATERAL #1): 100' FNL 330' FWL, Section 26, 24S-34E		
Formation :	WOLFCAMP			DD&A Field :			
Operator :	EOG RESOURCES INC	County & State :	LEA / NEW MEXICO	Field :	UNASSIGNED	Water Depth :	
AFE Description :	HARRIER 35 NORTH FED COM #701H D&C 12,530' TVD TO 20,030' MD IS A 1.5 MILE LATERAL TO BE COMPLETED IN THE WOLFCAMP FORMATION. THE WELL IS LOCATED IN SECTION 35/26, T24S, R34E IN LEA CO., NM.				Product :	OIL	Days : 0 / 0

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
ACCESS LOCATION, ROADS&SURVEY	401	90,000	0	7,500	0	0	97,500
COMP-FLBK-LOCATION AND ROADS	401	0	0	0	0	10,000	10,000
COMP-RIG MOVE	402	0	0	0	0	0	0
RIG MOVE	402	25,000	0	0	0	0	25,000
FOOTAGE COST	403	75,000	0	0	0	0	75,000
DAY WORK COST	404	590,000	0	0	0	0	590,000
BITS & BHA	405	145,000	0	0	0	0	145,000
COMP-BITS & PHA	405	0	0	17,500	0	0	17,500
COMP - FUEL	406	0	0	300,000	0	7,500	307,500
FUEL	406	140,000	0	0	0	0	140,000
WATER	407	5,000	0	515,000	0	0	520,000
COMP-FLBK-CHEMICALS	408	0	0	0	0	3,000	3,000
MUD & CHEMICALS	408	325,000	0	0	0	0	325,000
CEMENTING & SERVICE	409	210,000	0	0	0	0	210,000
COMP- PERFORATING	413	0	0	356,500	0	0	356,500
COMP- STIMULATION	414	0	0	2,262,891	0	0	2,262,891
COMP-TRANSPORTATION	415	0	0	24,000	0	0	24,000
TRANSPORTATION	415	37,500	0	0	0	0	37,500
COMP-Completion Overhead	416	0	0	7,500	0	0	7,500
DRILLING OVERHEAD	416	5,000	0	0	0	0	5,000
COMP-EQUIPMENT RENTAL	417	0	0	130,000	0	0	130,000
FLBK-EQUIPMENT RENT/OPERATIONS	417	195,000	0	0	3,000	60,000	258,000
COMP-COMPLETION RIG	418	0	0	5,000	0	0	5,000
OTHER DRILLING EXPENSE	419	5,000	0	0	0	0	5,000
COMP-ENVIRON & SAFETY CHARGES	421	0	0	20,000	0	0	20,000
ENVIRONMENTAL & SAFETY	421	5,000	0	0	0	0	5,000
DIRECTIONAL DRILLING	422	235,000	0	0	0	0	235,000
COMP- SUPERVISION	424	0	0	125,000	0	0	125,000
SUPERVISION	424	150,000	0	0	0	0	150,000
COMP- COMMUNICATIONS	431	0	0	3,000	0	0	3,000
TUBULAR INSPECTION/HANDLING	436	5,000	0	1,000	0	0	6,000
COMP-CASED HOLE LOGGING/TEST	438	0	0	7,500	0	0	7,500
SPECIALTY SERVICES	441	150,000	0	15,000	0	0	165,000
COMP-WIRELINE SERVICES	442	0	0	8,500	0	0	8,500
COMP-COIL TUBING/NITROGEN	445	0	0	175,000	0	0	175,000
COMP-CONTRACT LABOR MISC	446	0	0	17,500	0	0	17,500
FLBK-DISPOSAL COSTS	447	200,000	0	22,500	0	225,000	447,500
COMP-COMPLETION FLUIDS	448	0	0	7,500	0	0	7,500
TITLE OPINION-DRILL SITE	453	0	5,000	0	0	0	5,000
COMP-FLOWBACK	465	0	0	5,000	0	100,000	105,000
COMP-REUSE WATER	480	0	0	135,000			135,000
COMP-LAND ROW DRILLING	482	0	7,500				7,500
COMP-LAND ROW COMPLETION	483	0	7,500				7,500
COMP-LAND SURVEY & DAMAGES DRILL	484	0	20,000	0	0	0	20,000
COMP-LAND SURVEY & DAMAGES COMP	485	0	20,000	0	0	0	20,000
COMP-REG-PERMIT FEE/ENV SURV&ASSESS	486	0	16,000	0	0	0	16,000
TOTAL INTANGIBLES		\$2,592,500	\$76,000	\$4,168,391	\$3,000	\$405,500	\$7,245,391

	UOM	QTY	SIZE	SIZE	GRADE	RATE						
SURFACE CASING						102	40,000	0	0	0	40,000	
INTERMEDIATE CASING						103	450,000	0	0	0	450,000	
PRODUCTION CASING						104	550,000	0	0	0	550,000	
COMP-TUBING						106	0	0	56,730	0	56,730	
WELLHEAD EQUIPMENT						107	100,000	0	82,500	0	182,500	
COMP-FAC-FLOW LINES						109	0	0	0	112,000	112,000	
COMP-FAC-VALVES & FITTINGS						110	0	0	0	31,000	31,000	
COMP-VALVES & FITTINGS						110	0	0	1,500	0	31,500	
COMP-PUMP EQUIP/SUBSURFACE						113	0	0	10,500	0	10,500	
COMP-FAC-HEATERS,TREATRS,SEPRS						115	0	0	0	135,000	135,000	
COMP-FAC-METERING EQUIPMENT						118	0	0	0	24,000	24,000	
COMP-FAC-CONSTRUCTION COST						122	0	0	0	94,000	94,000	
COMP-FAC-LABR/ELEC MEAS/AUTOMA						124	0	0	0	1,000	1,000	
COMP-FAC-INSTRUMENT/ELECTRIC						128	0	0	0	5,000	5,000	
COMP-FAC-TRANSPORTATION						415	0	0	0	3,000	3,000	
COMP-FAC-ENVIRONMENTAL & SAFETY						421	0	0	0	2,500	2,500	
COMP-FAC-ELECTRICAL LABOR						471	0	0	0	3,000	3,000	
TOTAL TANGIBLES							\$1,140,000	\$0	\$151,230	\$410,500	\$30,000	\$1,731,730
TOTAL COST							\$3,732,500	\$76,000	\$4,319,621	\$413,500	\$435,500	\$8,977,121

By	Date	By	Date
JOINT OPERATOR APPROVAL			
Firm :	By	Title	Date

Case No. 23032,
Harrier Exhibit C-4



MIDLAND		Printed 10/14/2021
AFE No.	LS101428	Original
Property No.	XXXXXX-000	
EOG W.I.(BCP)	(ACP)	
EOG AFE Amt:	(Drig)	\$3,732,500
	(Land)	\$76,000
	(Completion)	\$4,319,621
	(Facility)	\$413,500
	(Flowback)	\$435,500
	Total Cost	\$8,977,121

AFE Type :	DEVELOPMENT DRILLING	AFE Name :	Harrier 35 North Fed Com #702H	AFE Date :	10/14/2021	Budget Year :	2021
Reg. Lease No. :		Prospect Name :	RED HILLS	TVD / MD :	12530 / 20030	Begin Date :	
Location :	2364' FNL 1226' FWL, Section 35, 24S-34E			BHLocation :	BH(LATERAL #1): 100' FNL 1020' FWL, Section 26, 24S-34E		
Formation :	WOLFCAMP			DD&A Field :			
Operator :	EOG RESOURCES INC	County & State :	LEA / NEW MEXICO	Field :	UNASSIGNED	Water Depth :	
AFE Description :	HARRIER 35 NORTH FED COM #702H D&C 12,530' TVD TO 20,030' MD IS A 1.5 MILE LATERAL TO BE COMPLETED IN THE WOLFCAMP FORMATION. THE WELL IS LOCATED IN SECTION 35/26, T24S, R34E IN LEA CO., NM.				Product :	OIL	Days : 0 / 0

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
ACCESS LOCATION, ROADS&SURVEY	401	90,000	0	7,500	0	0	97,500
COMP-FLBK-LOCATION AND ROADS	401	0	0	0	0	10,000	10,000
COMP-RIG MOVE	402	0	0	0	0	0	0
RIG MOVE	402	25,000	0	0	0	0	25,000
FOOTAGE COST	403	75,000	0	0	0	0	75,000
DAY WORK COST	404	590,000	0	0	0	0	590,000
BITS & BHA	405	145,000	0	0	0	0	145,000
COMP-BITS & PHA	405	0	0	17,500	0	0	17,500
COMP - FUEL	406	0	0	300,000	0	7,500	307,500
FUEL	406	140,000	0	0	0	0	140,000
WATER	407	5,000	0	515,000	0	0	520,000
COMP-FLBK-CHEMICALS	408	0	0	0	0	3,000	3,000
MUD & CHEMICALS	408	325,000	0	0	0	0	325,000
CEMENTING & SERVICE	409	210,000	0	0	0	0	210,000
COMP- PERFORATING	413	0	0	356,500	0	0	356,500
COMP- STIMULATION	414	0	0	2,262,891	0	0	2,262,891
COMP-TRANSPORTATION	415	0	0	24,000	0	0	24,000
TRANSPORTATION	415	37,500	0	0	0	0	37,500
COMP-Completion Overhead	416	0	0	7,500	0	0	7,500
DRILLING OVERHEAD	416	5,000	0	0	0	0	5,000
COMP-EQUIPMENT RENTAL	417	0	0	130,000	0	0	130,000
FLBK-EQUIPMENT RENT/OPERATIONS	417	195,000	0	0	3,000	60,000	258,000
COMP-COMPLETION RIG	418	0	0	5,000	0	0	5,000
OTHER DRILLING EXPENSE	419	5,000	0	0	0	0	5,000
COMP-ENVIRON & SAFETY CHARGES	421	0	0	20,000	0	0	20,000
ENVIRONMENTAL & SAFETY	421	5,000	0	0	0	0	5,000
DIRECTIONAL DRILLING	422	235,000	0	0	0	0	235,000
COMP- SUPERVISION	424	0	0	125,000	0	0	125,000
SUPERVISION	424	150,000	0	0	0	0	150,000
COMP- COMMUNICATIONS	431	0	0	3,000	0	0	3,000
TUBULAR INSPECTION/HANDLING	436	5,000	0	1,000	0	0	6,000
COMP-CASED HOLE LOGGING/TEST	438	0	0	7,500	0	0	7,500
SPECIALTY SERVICES	441	150,000	0	15,000	0	0	165,000
COMP-WIRELINE SERVICES	442	0	0	8,500	0	0	8,500
COMP-COIL TUBING/NITROGEN	445	0	0	175,000	0	0	175,000
COMP-CONTRACT LABOR MISC	446	0	0	17,500	0	0	17,500
FLBK-DISPOSAL COSTS	447	200,000	0	22,500	0	225,000	447,500
COMP-COMPLETION FLUIDS	448	0	0	7,500	0	0	7,500
TITLE OPINION-DRILL SITE	453	0	5,000	0	0	0	5,000
COMP-FLOWBACK	465	0	0	5,000	0	100,000	105,000
COMP-REUSE WATER	480	0	0	135,000			135,000
COMP-LAND ROW DRILLING	482	0	7,500				7,500
COMP-LAND ROW COMPLETION	483	0	7,500				7,500
COMP-LAND SURVEY & DAMAGES DRILL	484	0	20,000	0	0	0	20,000
COMP-LAND SURVEY & DAMAGES COMP	485	0	20,000	0	0	0	20,000
COMP-REG-PERMIT FEE/ENV SURV&ASSESS	486	0	16,000	0	0	0	16,000
TOTAL INTANGIBLES		\$2,592,500	\$76,000	\$4,168,391	\$3,000	\$405,500	\$7,245,391

	UOM	QTY	SIZE	SIZE	GRADE	RATE						
SURFACE CASING						102	40,000	0	0	0	40,000	
INTERMEDIATE CASING						103	450,000	0	0	0	450,000	
PRODUCTION CASING						104	550,000	0	0	0	550,000	
COMP-TUBING						106	0	0	56,730	0	56,730	
WELLHEAD EQUIPMENT						107	100,000	0	82,500	0	182,500	
COMP-FAC-FLOW LINES						109	0	0	0	112,000	112,000	
COMP-FAC-VALVES & FITTINGS						110	0	0	0	31,000	31,000	
COMP-VALVES & FITTINGS						110	0	0	1,500	0	31,500	
COMP-PUMP EQUIP/SUBSURFACE						113	0	0	10,500	0	10,500	
COMP-FAC-HEATERS,TREATRS,SEPRS						115	0	0	0	135,000	135,000	
COMP-FAC-METERING EQUIPMENT						118	0	0	0	24,000	24,000	
COMP-FAC-CONSTRUCTION COST						122	0	0	0	94,000	94,000	
COMP-FAC-LABR/ELEC MEAS/AUTOMA						124	0	0	0	1,000	1,000	
COMP-FAC-INSTRUMENT/ELECTRIC						128	0	0	0	5,000	5,000	
COMP-FAC-TRANSPORTATION						415	0	0	0	3,000	3,000	
COMP-FAC-ENVIRONMENTAL & SAFETY						421	0	0	0	2,500	2,500	
COMP-FAC-ELECTRICAL LABOR						471	0	0	0	3,000	3,000	
TOTAL TANGIBLES							\$1,140,000	\$0	\$151,230	\$410,500	\$30,000	\$1,731,730
TOTAL COST							\$3,732,500	\$76,000	\$4,319,621	\$413,500	\$435,500	\$8,977,121

By	Date	By	Date
JOINT OPERATOR APPROVAL			
Firm :	By	Title	Date

Case No. 23032,
Harrier Exhibit C-4



AFE No.	LS101429	Original
Property No.	XXXXXX-000	
EOG W.I.(BCP)		(ACP)
EOG AFE Amt:	(Drig)	\$3,732,500
	(Land)	\$76,000
	(Completion)	\$4,319,621
	(Facility)	\$413,500
	(Flowback)	\$435,500
	Total Cost	\$8,977,121

AFE Type :	DEVELOPMENT DRILLING	AFE Name :	Harrier 35 North Fed Com #703H	AFE Date :	10/14/2021	Budget Year :	2021
Reg. Lease No. :		Prospect Name :	RED HILLS	TVD / MD :	12530 / 20030	Begin Date :	
Location :	2304' FNL 1316' FWL, Section 35, 24S-34E			BHLocation :	BH(LATERAL #1): 100' FNL 1650' FWL, Section 26, 24S-34E		
Formation :	WOLFCAMP			DD&A Field :			
Operator :	EOG RESOURCES INC	County & State :	LEA / NEW MEXICO	Field :	UNASSIGNED	Water Depth :	
AFE Description :	HARRIER 35 NORTH FED COM #703H D&C 12,530' TVD TO 20,030' MD IS A 1.5 MILE LATERAL TO BE COMPLETED IN THE WOLFCAMP FORMATION. THE WELL IS LOCATED IN SECTION 35/26, T24S, R34E IN LEA CO., NM.				Product :	OIL	Days : 0 / 0

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
ACCESS LOCATION, ROADS&SURVEY	401	90,000	0	7,500	0	0	97,500
COMP-FLBK-LOCATION AND ROADS	401	0	0	0	0	10,000	10,000
COMP-RIG MOVE	402	0	0	0	0	0	0
RIG MOVE	402	25,000	0	0	0	0	25,000
FOOTAGE COST	403	75,000	0	0	0	0	75,000
DAY WORK COST	404	590,000	0	0	0	0	590,000
BITS & BHA	405	145,000	0	0	0	0	145,000
COMP-BITS & PHA	405	0	0	17,500	0	0	17,500
COMP - FUEL	406	0	0	300,000	0	7,500	307,500
FUEL	406	140,000	0	0	0	0	140,000
WATER	407	5,000	0	515,000	0	0	520,000
COMP-FLBK-CHEMICALS	408	0	0	0	0	3,000	3,000
MUD & CHEMICALS	408	325,000	0	0	0	0	325,000
CEMENTING & SERVICE	409	210,000	0	0	0	0	210,000
COMP- PERFORATING	413	0	0	356,500	0	0	356,500
COMP- STIMULATION	414	0	0	2,262,891	0	0	2,262,891
COMP-TRANSPORTATION	415	0	0	24,000	0	0	24,000
TRANSPORTATION	415	37,500	0	0	0	0	37,500
COMP-Completion Overhead	416	0	0	7,500	0	0	7,500
DRILLING OVERHEAD	416	5,000	0	0	0	0	5,000
COMP-EQUIPMENT RENTAL	417	0	0	130,000	0	0	130,000
FLBK-EQUIPMENT RENT/OPERATIONS	417	195,000	0	0	3,000	60,000	258,000
COMP-COMPLETION RIG	418	0	0	5,000	0	0	5,000
OTHER DRILLING EXPENSE	419	5,000	0	0	0	0	5,000
COMP-ENVIRON & SAFETY CHARGES	421	0	0	20,000	0	0	20,000
ENVIRONMENTAL & SAFETY	421	5,000	0	0	0	0	5,000
DIRECTIONAL DRILLING	422	235,000	0	0	0	0	235,000
COMP- SUPERVISION	424	0	0	125,000	0	0	125,000
SUPERVISION	424	150,000	0	0	0	0	150,000
COMP- COMMUNICATIONS	431	0	0	3,000	0	0	3,000
TUBULAR INSPECTION/HANDLING	436	5,000	0	1,000	0	0	6,000
COMP-CASED HOLE LOGGING/TEST	438	0	0	7,500	0	0	7,500
SPECIALTY SERVICES	441	150,000	0	15,000	0	0	165,000
COMP-WIRELINE SERVICES	442	0	0	8,500	0	0	8,500
COMP-COIL TUBING/NITROGEN	445	0	0	175,000	0	0	175,000
COMP-CONTRACT LABOR MISC	446	0	0	17,500	0	0	17,500
FLBK-DISPOSAL COSTS	447	200,000	0	22,500	0	225,000	447,500
COMP-COMPLETION FLUIDS	448	0	0	7,500	0	0	7,500
TITLE OPINION-DRILL SITE	453	0	5,000	0	0	0	5,000
COMP-FLOWBACK	465	0	0	5,000	0	100,000	105,000
COMP-REUSE WATER	480	0	0	135,000			135,000
COMP-LAND ROW DRILLING	482	0	7,500				7,500
COMP-LAND ROW COMPLETION	483	0	7,500				7,500
COMP-LAND SURVEY & DAMAGES DRILL	484	0	20,000	0	0	0	20,000
COMP-LAND SURVEY & DAMAGES COMP	485	0	20,000	0	0	0	20,000
COMP-REG-PERMIT FEE/ENV SURV&ASSESS	486	0	16,000	0	0	0	16,000
TOTAL INTANGIBLES		\$2,592,500	\$76,000	\$4,168,391	\$3,000	\$405,500	\$7,245,391

	UOM	QTY	SIZE	SIZE	GRADE	RATE						
SURFACE CASING						102	40,000	0	0	0	0	40,000
INTERMEDIATE CASING						103	450,000	0	0	0	0	450,000
PRODUCTION CASING						104	550,000	0	0	0	0	550,000
COMP-TUBING						106	0	0	56,730	0	0	56,730
WELLHEAD EQUIPMENT						107	100,000	0	82,500	0	0	182,500
COMP-FAC-FLOW LINES						109	0	0	0	112,000	0	112,000
COMP-FAC-VALVES & FITTINGS						110	0	0	0	31,000	0	31,000
COMP-VALVES & FITTINGS						110	0	0	1,500	0	30,000	31,500
COMP-PUMP EQUIP/SUBSURFACE						113	0	0	10,500	0	0	10,500
COMP-FAC-HEATERS,TREATRS,SEPRS						115	0	0	0	135,000	0	135,000
COMP-FAC-METERING EQUIPMENT						118	0	0	0	24,000	0	24,000
COMP-FAC-CONSTRUCTION COST						122	0	0	0	94,000	0	94,000
COMP-FAC-LABR/ELEC MEAS/AUTOMA						124	0	0	0	1,000	0	1,000
COMP-FAC-INSTRUMENT/ELECTRIC						128	0	0	0	5,000	0	5,000
COMP-FAC-TRANSPORTATION						415	0	0	0	3,000	0	3,000
COMP-FAC-ENVIRONMENTAL & SAFETY						421	0	0	0	2,500	0	2,500
COMP-FAC-ELECTRICAL LABOR						471	0	0	0	3,000	0	3,000
TOTAL TANGIBLES							\$1,140,000	\$0	\$151,230	\$410,500	\$30,000	\$1,731,730
TOTAL COST							\$3,732,500	\$76,000	\$4,319,621	\$413,500	\$435,500	\$8,977,121

By	Date	By	Date
JOINT OPERATOR APPROVAL			
Firm :	By	Title	Date

Case No. 23032,
Harrier Exhibit C-4



AFE No.	LS101430	Original
Property No.	XXXXXX-000	
EOG W.I.(BCP)		(ACP)
EOG AFE Amt:	(Drig)	\$3,732,500
	(Land)	\$76,000
	(Completion)	\$4,319,621
	(Facility)	\$413,500
	(Flowback)	\$435,500
	Total Cost	\$8,977,121

AFE Type :	DEVELOPMENT DRILLING	AFE Name :	Harrier 35 North Fed Com #704H	AFE Date :	10/14/2021	Budget Year :	2021
Reg. Lease No. :		Prospect Name :	RED HILLS	TVD / MD :	12530 / 20030	Begin Date :	
Location :	2304' FNL 1346' FWL, Section 35, 24S-34E			BHLocation :	BH(LATERAL #1): 100' FNL 2310' FWL, Section 26, 24S-34E		
Formation :	WOLFCAMP			DD&A Field :			
Operator :	EOG RESOURCES INC	County & State :	LEA / NEW MEXICO	Field :	UNASSIGNED	Water Depth :	
AFE Description :	HARRIER 35 NORTH FED COM #704H D&C 12,530' TVD TO 20,030' MD IS A 1.5 MILE LATERAL TO BE COMPLETED IN THE WOLFCAMP FORMATION. THE WELL IS LOCATED IN SECTION 35/26, T24S, R34E IN LEA CO., NM.				Product :	OIL	Days : 0 / 0

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
ACCESS LOCATION, ROADS&SURVEY	401	90,000	0	7,500	0	0	97,500
COMP-FLBK-LOCATION AND ROADS	401	0	0	0	0	10,000	10,000
COMP-RIG MOVE	402	0	0	0	0	0	0
RIG MOVE	402	25,000	0	0	0	0	25,000
FOOTAGE COST	403	75,000	0	0	0	0	75,000
DAY WORK COST	404	590,000	0	0	0	0	590,000
BITS & BHA	405	145,000	0	0	0	0	145,000
COMP-BITS & PHA	405	0	0	17,500	0	0	17,500
COMP - FUEL	406	0	0	300,000	0	7,500	307,500
FUEL	406	140,000	0	0	0	0	140,000
WATER	407	5,000	0	515,000	0	0	520,000
COMP-FLBK-CHEMICALS	408	0	0	0	0	3,000	3,000
MUD & CHEMICALS	408	325,000	0	0	0	0	325,000
CEMENTING & SERVICE	409	210,000	0	0	0	0	210,000
COMP- PERFORATING	413	0	0	356,500	0	0	356,500
COMP- STIMULATION	414	0	0	2,262,891	0	0	2,262,891
COMP-TRANSPORTATION	415	0	0	24,000	0	0	24,000
TRANSPORTATION	415	37,500	0	0	0	0	37,500
COMP-Completion Overhead	416	0	0	7,500	0	0	7,500
DRILLING OVERHEAD	416	5,000	0	0	0	0	5,000
COMP-EQUIPMENT RENTAL	417	0	0	130,000	0	0	130,000
FLBK-EQUIPMENT RENT/OPERATIONS	417	195,000	0	0	3,000	60,000	258,000
COMP-COMPLETION RIG	418	0	0	5,000	0	0	5,000
OTHER DRILLING EXPENSE	419	5,000	0	0	0	0	5,000
COMP-ENVIRON & SAFETY CHARGES	421	0	0	20,000	0	0	20,000
ENVIRONMENTAL & SAFETY	421	5,000	0	0	0	0	5,000
DIRECTIONAL DRILLING	422	235,000	0	0	0	0	235,000
COMP- SUPERVISION	424	0	0	125,000	0	0	125,000
SUPERVISION	424	150,000	0	0	0	0	150,000
COMP- COMMUNICATIONS	431	0	0	3,000	0	0	3,000
TUBULAR INSPECTION/HANDLING	436	5,000	0	1,000	0	0	6,000
COMP-CASED HOLE LOGGING/TEST	438	0	0	7,500	0	0	7,500
SPECIALTY SERVICES	441	150,000	0	15,000	0	0	165,000
COMP-WIRELINE SERVICES	442	0	0	8,500	0	0	8,500
COMP-COIL TUBING/NITROGEN	445	0	0	175,000	0	0	175,000
COMP-CONTRACT LABOR MISC	446	0	0	17,500	0	0	17,500
FLBK-DISPOSAL COSTS	447	200,000	0	22,500	0	225,000	447,500
COMP-COMPLETION FLUIDS	448	0	0	7,500	0	0	7,500
TITLE OPINION-DRILL SITE	453	0	5,000	0	0	0	5,000
COMP-FLOWBACK	465	0	0	5,000	0	100,000	105,000
COMP-REUSE WATER	480	0	0	135,000			135,000
COMP-LAND ROW DRILLING	482	0	7,500				7,500
COMP-LAND ROW COMPLETION	483	0	7,500				7,500
COMP-LAND SURVEY & DAMAGES DRILL	484	0	20,000	0	0	0	20,000
COMP-LAND SURVEY & DAMAGES COMP	485	0	20,000	0	0	0	20,000
COMP-REG-PERMIT FEE/ENV SURV&ASSESS	486	0	16,000	0	0	0	16,000
TOTAL INTANGIBLES		\$2,592,500	\$76,000	\$4,168,391	\$3,000	\$405,500	\$7,245,391

	UOM	QTY	SIZE	SIZE	GRADE	RATE						
SURFACE CASING						102	40,000	0	0	0	0	40,000
INTERMEDIATE CASING						103	450,000	0	0	0	0	450,000
PRODUCTION CASING						104	550,000	0	0	0	0	550,000
COMP-TUBING						106	0	0	56,730	0	0	56,730
WELLHEAD EQUIPMENT						107	100,000	0	82,500	0	0	182,500
COMP-FAC-FLOW LINES						109	0	0	0	112,000	0	112,000
COMP-FAC-VALVES & FITTINGS						110	0	0	0	31,000	0	31,000
COMP-VALVES & FITTINGS						110	0	0	1,500	0	30,000	31,500
COMP-PUMP EQUIP/SUBSURFACE						113	0	0	10,500	0	0	10,500
COMP-FAC-HEATERS,TREATRS,SEPRS						115	0	0	0	135,000	0	135,000
COMP-FAC-METERING EQUIPMENT						118	0	0	0	24,000	0	24,000
COMP-FAC-CONSTRUCTION COST						122	0	0	0	94,000	0	94,000
COMP-FAC-LABR/ELEC MEAS/AUTOMA						124	0	0	0	1,000	0	1,000
COMP-FAC-INSTRUMENT/ELECTRIC						128	0	0	0	5,000	0	5,000
COMP-FAC-TRANSPORTATION						415	0	0	0	3,000	0	3,000
COMP-FAC-ENVIRONMENTAL & SAFETY						421	0	0	0	2,500	0	2,500
COMP-FAC-ELECTRICAL LABOR						471	0	0	0	3,000	0	3,000
TOTAL TANGIBLES							\$1,140,000	\$0	\$151,230	\$410,500	\$30,000	\$1,731,730
TOTAL COST							\$3,732,500	\$76,000	\$4,319,621	\$413,500	\$435,500	\$8,977,121

By	Date	By	Date
JOINT OPERATOR APPROVAL			
Firm :	By	Title	Date

Case No. 23032,
Harrier Exhibit C-4



MIDLAND

AFE No.	116292	Original
Property No.	116231-000	
EOG W.I.(BCP)	(ACP)	
EOG AFE Amt:	(Drig)	\$0
	(Land)	\$0
	(Completion)	\$0
	(Facility)	\$1,931,680
	(Flowback)	\$0
	Total Cost	\$1,931,680

AFE Type : PRODUCTION FAC ON LEASE	AFE Name : HARRIER 35 NORTH FED COM CTB	AFE Date : 10/18/2021	Budget Year : 2021
Reg. Lease No. :	Prospect Name :	TVD / MD :	Begin Date :
Location :	BHLocation :		
Formation :	DD&A Field :		
Operator : EOG RESOURCES INC	County & State : LEA / NEW MEXICO	Field : UNASSIGNED	Water Depth :
AFE Description : HARRIER 35 NORTH FED COM CTB TO SERVICE: HARRIER 35 NORTH FED COM WELLS		Product :	Days : 0 / 0

DESCRIPTION	SUB ACT	DRILLING 230	LAND 237	COMPLETION 231	FACILITY 235	FLOWBACK 236	TOTAL
COMP-FAC-LOCATION AND ROADS	401	0	0	0	91,300	0	91,300
COMP-FAC-PERMITTING/REPORTING FEES	474	0	0	0	2,130	0	2,130
COMP-FAC-ENVIRON CONSULTING FEES	492	0	0	0	3,500	0	3,500
TOTAL INTANGIBLES		\$0	\$0	\$0	\$96,930	\$0	\$96,930

DESCRIPTION	UOM	QTY	SIZE	SIZE	GRADE	RATE						
COMP-FAC-TANKS						108	0	0	0	179,500	0	179,500
COMP-FAC-VALVES & FITTINGS						110	0	0	0	331,750	0	331,750
COMP-FAC-PUMP EQUIP/SURFACE						112	0	0	0	91,400	0	91,400
COMP-FAC-HEATERS,TREATRS,SEPRS						115	0	0	0	163,000	0	163,000
COMP-FAC-OTHER EQUIPMENT						116	0	0	0	30,000	0	30,000
COMP-FAC-METERING EQUIPMENT						118	0	0	0	255,800	0	255,800
COMP-FAC-CONSTRUCTION COST						122	0	0	0	218,250	0	218,250
COMP-FAC-LABR/ELEC MEAS/AUTOMA						124	0	0	0	18,000	0	18,000
COMP-FAC-EMISSIONS EQUIPMENT						127	0	0	0	263,750	0	263,750
COMP-FAC-INSTRUMENT/ELECTRIC EQUIP						128	0	0	0	143,050	0	143,050
COMP-FAC-WATER						407	0	0	0	2,500	0	2,500
COMP-FAC-TRANSPORTATION						415	0	0	0	12,500	0	12,500
COMP-FAC-FACILITY OVERHEAD						416	0	0	0	25,000	0	25,000
COMP-FAC-ENVIRONMENTAL & SAFETY						421	0	0	0	1,250	0	1,250
COMP-FAC-POWER INSTALLATION						459	0	0	0	9,000	0	9,000
COMP-FAC-ELECTRICAL LABOR						471	0	0	0	90,000	0	90,000
TOTAL TANGIBLES							\$0	\$0	\$0	\$1,834,750	\$0	\$1,834,750
TOTAL COST							\$0	\$0	\$0	\$1,931,680	\$0	\$1,931,680

By	Date	By	Date
JOINT OPERATOR APPROVAL			

Firm :	By	Title	Date
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Harrier Chronology of Communication

Party	Date	Reason
All partners	10/19/2021	well proposals sent via email
All partners	10/20/2021	well proposals sent via certified mail
Sharbro	10/21/2021	sent spud date information
Sharbro	10/21/2021	sent ownership information
Sharbro	11/16/2021	Sharbro sent elections to participate
Oxy	11/29/2021	Sent follow up email and mentioned pooling
Oxy	12/30/2021	sent Oxy ownership information
Oxy	1/4/2022	Oxy confirmed a trade is preferable to participation; does not plan on contesting pooling
Oxy	1/11/2022	sent Oxy trade idea
Oxy	2/2/2022	responded to additional trade ideas from Oxy
Oxy	April-July 2022	multiple emails discussing trade
Oxy	8/15/2022	overlapping spacing unit notice sent again
Oxy	9/14/2022	email explaining second pooling

Case No. 23032, Harrier
Exhibit C-5



**STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION OF EOG RESOURCES,
INC. FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

Case No. 23032

AFFIDAVIT OF TERRA GEORGE

Terra George, being first duly sworn upon oath, deposes and states as follows:

1. My name is Terra George, and I am employed by EOG Resources, Inc. (“EOG”) as a Geologist.
2. I have previously testified before the New Mexico Oil Conservation Division (“Division”) as an expert witness in petroleum geology. My credentials as a petroleum geologist have been accepted by the Division and made a matter of record.
3. I am submitting this affidavit in support of EOG’s application in the above- referenced case pursuant to 19.15.4.12.(A)(1) NMAC.
4. I am familiar with the application filed by EOG in this case, and I have conducted a geologic study of the lands in the subject area.
5. In this case, EOG is targeting three benches in the Bone Spring Formation.
6. **EOG Exhibit D-1** is a base map of the lands showing the regional boundary for the proposed Bone Spring formation Wells.
7. **EOG Exhibit D-2** is a subsea structure map that I prepared off the top of the Bone Spring Structure. Within Sections 35 and 2, there is a red box on the map outlining the spacing unit in this case. The contour interval is 100 feet. The structure map shows that the Bone Spring Structure is dipping gently to the south-southeast. The structure appears consistent in these sections, and I do not observe any faulting, pinching, or other geologic hazards to developing a horizontal well.



8. **EOG Exhibit D-2** also shows the location of the 5 wells that were used to construct a cross-section from A to A'. I consider these wells to be representative of the geology of the Bone Spring Formation in this area.

9. **EOG Exhibit D-3** is a stratigraphic cross-section of the upper portion of the Bone Spring formation prepared by me with 5 representative wells from A to A'. The exhibit shows logs for gamma ray and resistivity for the wells. There are three proposed targeted intervals in the Bone Spring, each labeled and depicted with a blue arrow. The logs in the cross-section demonstrate that each of the targeted intervals within the Bone Spring Formation is consistent in thickness across the unit.

10. Based on my geologic study of the area, I have not identified any geologic impediments to drilling horizontal wells in the area in the Bone Spring Formation as requested in this case.

11. In my opinion, each tract in the Bone Spring formation comprising the two proposed spacing units will be productive and contribute more or less equally to production from the wellbores.

12. In my opinion, the stand-up orientation of the proposed Wells is the preferred orientation for horizontal well development in this area and is appropriate to efficiently and effectively develop the subject acreage.

13. **EOG Exhibit D-1** through **EOG Exhibit D-3** were either prepared by me or compiled under my direction and supervision.

14. The granting of these applications is in the best interest of conservation, the prevention of waste, and the protection of correlative rights, and will avoid the drilling of unnecessary wells.

15. I hereby swear that to the best of my knowledge and belief, all of the matters set forth herein and in the exhibits are true, correct, and accurate.



FURTHER AFFIANT SAYETH NOT.

Dated this 29 day of September, 2022



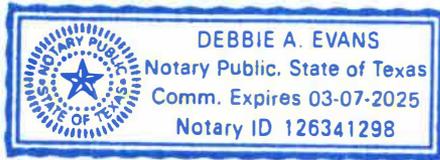
Terra George
EOG Resources, Inc.

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing instrument was subscribed and sworn to before me this 29 day of September, 2022, by Terra George, Geologist for EOG Resources, Inc.

Witness my hand and official seal.

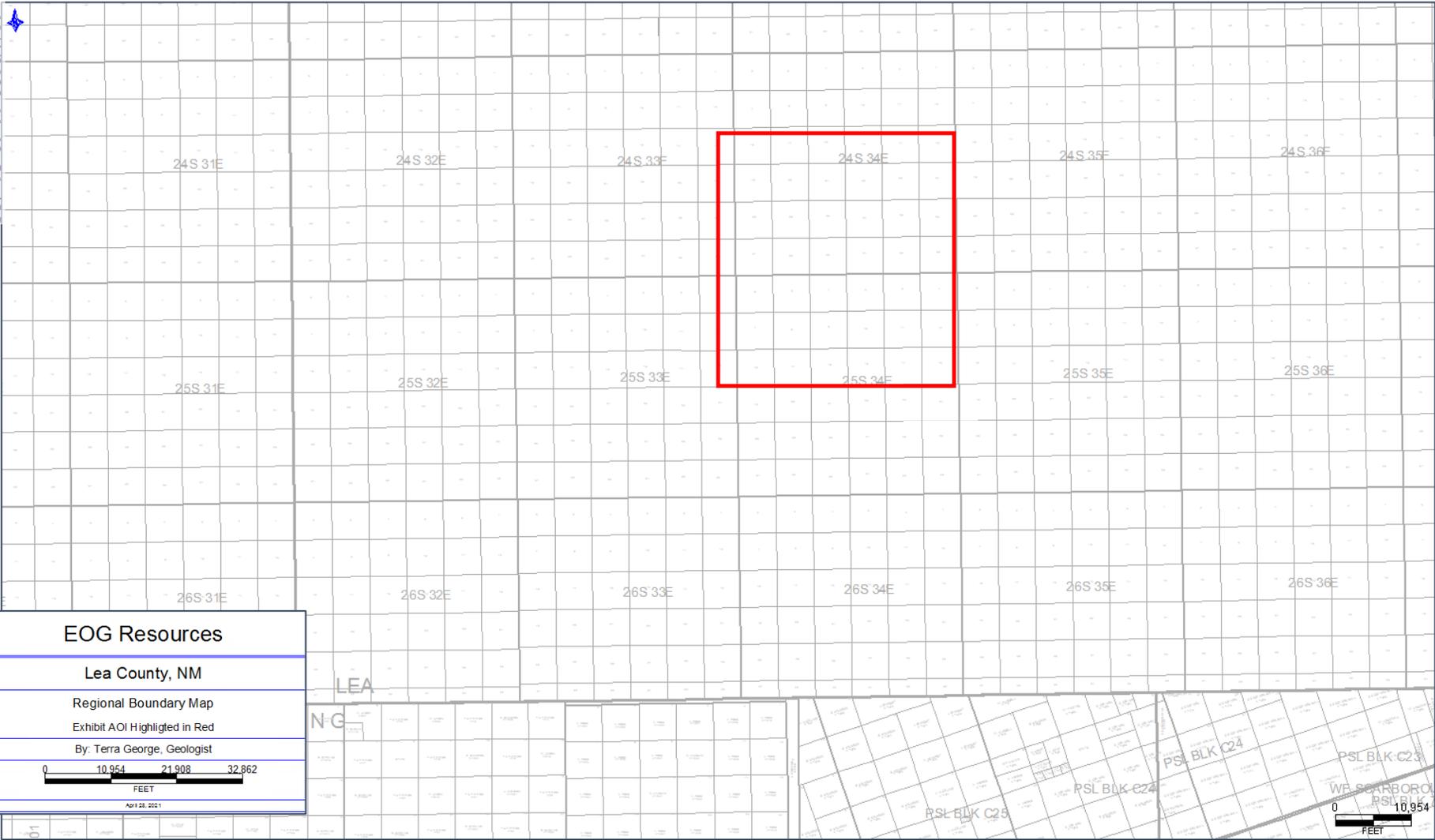
My commission expires: 3/7/2025



Case No. 23032,
Harrier Exhibit D



eogresources



EOG Resources

Lea County, NM

Regional Boundary Map
Exhibit AOI Highlighted in Red

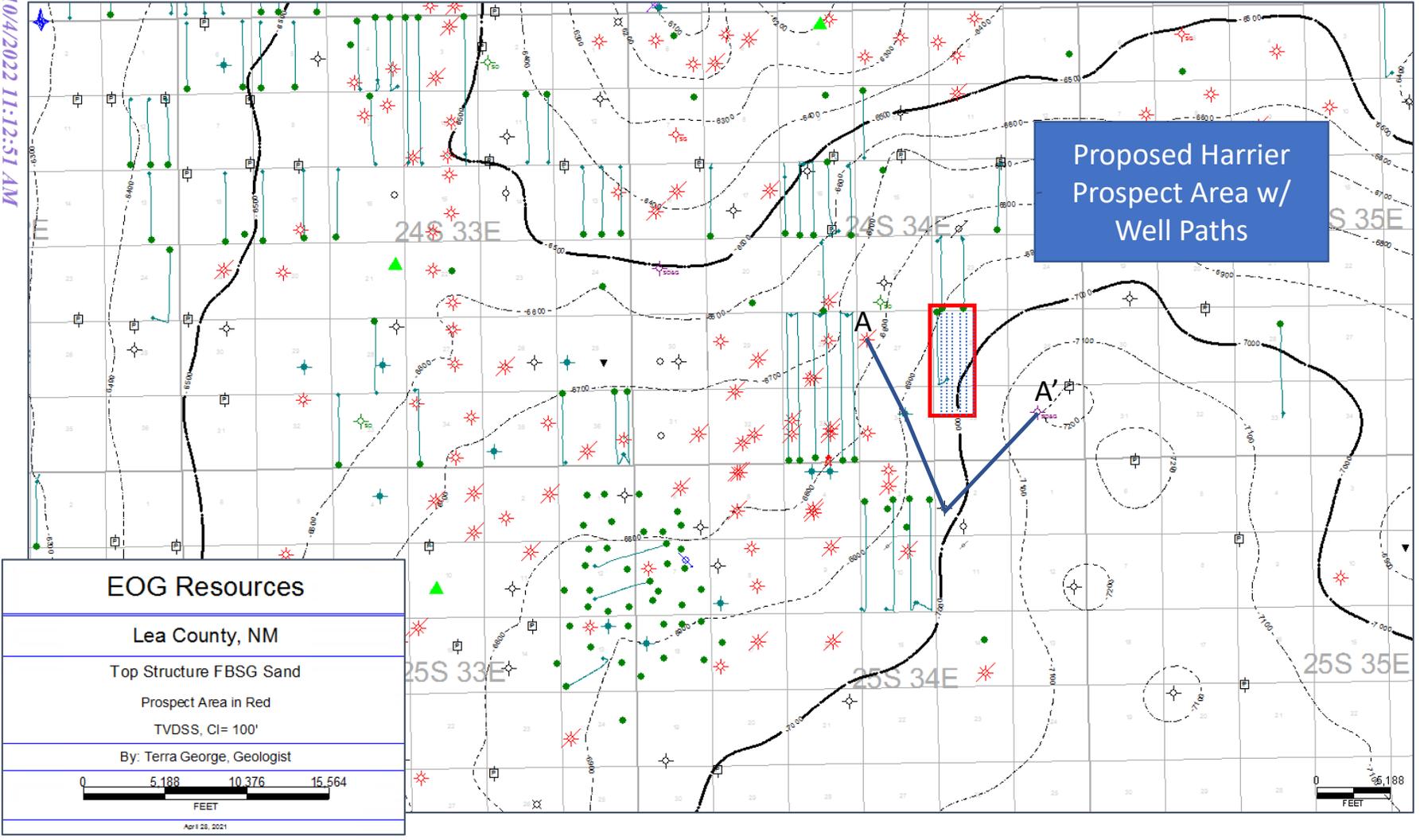
By: Terra George, Geologist

0 10,954 21,908 32,862
FEET

April 28, 2021

Case No. 23032, Harrier
Exhibit D-1

eogresources



Case No. 23032, Harrier
Exhibit D-2

A

BSGL
Landing Zone

SBSG

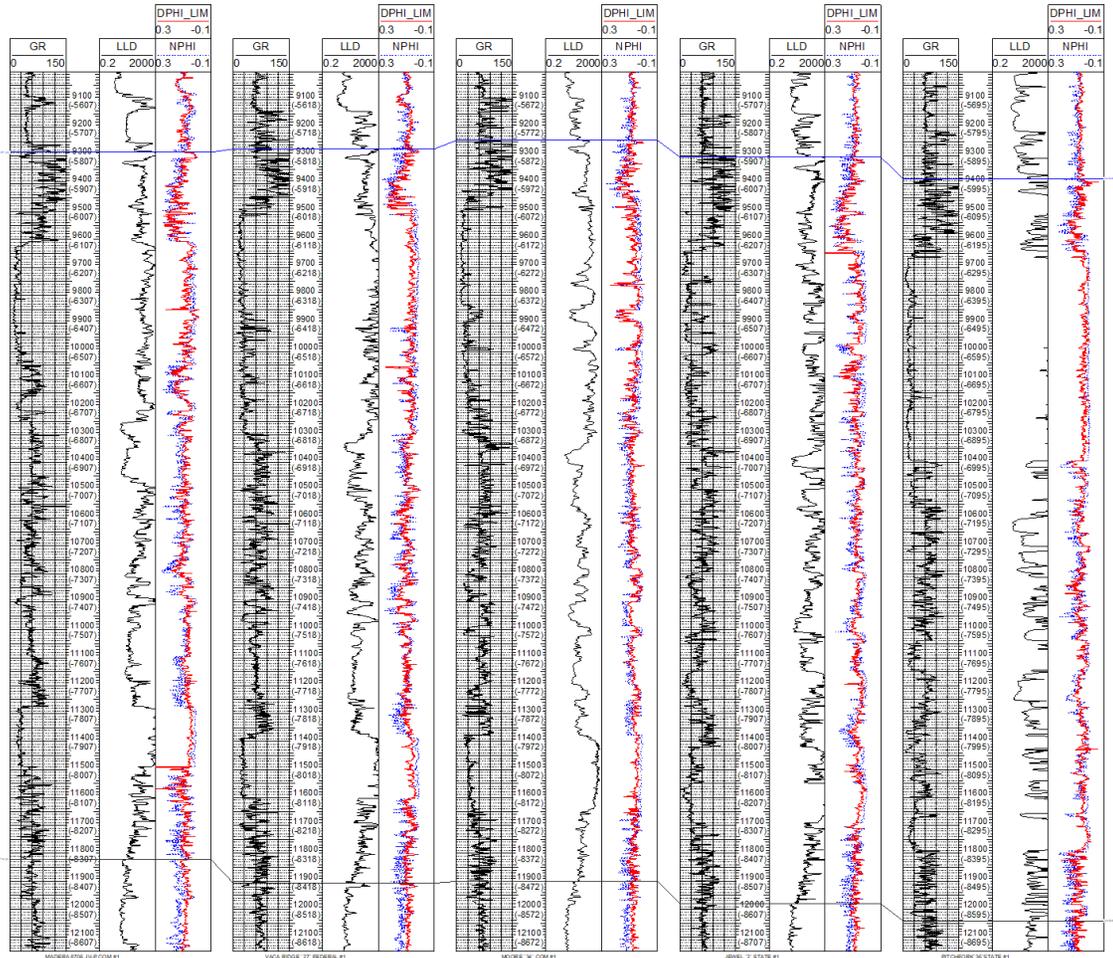
30025299170000
MADERA 8706 JV P.COM #1
BTA OIL PRODUCERS LLC

30025283210000
VACA RIDGE 27 FEDERAL #1
SOUTHLAND ROYALTY CO

30025285960000
MOORE 34 COM #1
JONES JOHNNY G

30025297180000
JEWEL 2 STATE #1
EOGR

30025281350000
PITCHFORK 36 STATE #1
EOGR



A'

Case No. 23032, Harrier
Exhibit D-3

STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

APPLICATION OF EOG RESOURCES, INC.
FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.

CASE NO. 23032

AFFIDAVIT

STATE OF COLORADO)
) SS.
CITY AND COUNTY OF DENVER)

James Parrot, attorney in fact and authorized representative of EOG Resources, Inc., the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Application has been provided under the notice letters and proof of receipts as follows:

- Notice letters were mailed on September 9, 2022 to Oxy Y-1 Company and Sharbro Energy LLC, and were delivered to such parties on September 14, 2022, as shown on certified mail receipts attached as Exhibit E-1.
- Out of an abundance of caution, notice was published on September 15, 2022 in the Hobbs Daily News newspaper, as shown on Exhibit E-2.


James Parrot

SUBSCRIBED AND SWORN to before me on September 29, 2022 by James Parrot.


Notary Public

My commission expires:

TERESA L. PETERSON
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 19894002026
MY COMMISSION EXPIRES OCTOBER 4, 2025

Case No. 23032, Harrier
Exhibit E
 **eog resources**

Received by OCD: 10/4/2022 11:08:58 AM

4000 1970 0001 8996 6004

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postmark Here

Postage \$

Total Postage a \$

Sent To

Street and Apt. Sharbro Energy LLC
P.O. Box 840

City, State, ZIP+ Artesia, NM 88211-0840

2039-787 (23032)

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3.
Print your name and address on the reverse so that we can return the card to you.
Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

2039-787 (23032)

Sharbro Energy LLC
P.O. Box 840
Artesia, NM 88211-0840



9590 9402 7416 2055 5196 92

Article Number (Transfer from service label)
7021 1970 0001 8996 6004

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee
X Kristen

B. Received by (Printed Name) C. Date of Delivery
Kristen

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type Priority Mail Express®
 Adult Signature Registered Mail™
 Adult Signature Restricted Delivery Registered Mail Restricted Delivery
 Certified Mail® Signature Confirmation™
 Certified Mail Restricted Delivery Signature Confirmation Restricted Delivery
 Collect on Delivery Signature Confirmation Restricted Delivery
 Collect on Delivery Restricted Delivery

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3.
Print your name and address on the reverse so that we can return the card to you.
Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

2039-787 (23032)

Oxy Y-1 Company
P.O. Box 27570
Houston, TX 77227-7570



9590 9402 7416 2055 5195 62

Article Number (Transfer from service label)
7022 1670 0001 2445 3653

Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee
X [Signature]

B. Received by (Printed Name) C. Date of Delivery
[Signature]

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type Priority Mail Express®
 Adult Signature Registered Mail™
 Adult Signature Restricted Delivery Registered Mail Restricted Delivery
 Certified Mail® Signature Confirmation™
 Certified Mail Restricted Delivery Signature Confirmation Restricted Delivery
 Collect on Delivery Signature Confirmation Restricted Delivery
 Collect on Delivery Restricted Delivery

Domestic Return Receipt

6552 1670 0001 2445 3653

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postmark Here

Postage \$

Total Postage \$

Sent To

Street and Apt. Oxy Y-1 Company
P.O. Box 27570

City, State, ZIP+ Houston, TX 77227-7570

2039-787 (23032)

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Case No. 23032, Harrier
Exhibit E-1



Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
September 15, 2022
and ending with the issue dated
September 15, 2022.



Publisher

Sworn and subscribed to before me this
15th day of September 2022.



Business Manager

My commission expires
January 29, 2023
(Seal)

GUSSIE BLACK
Notary Public - State of New Mexico
Commission # 1087526
My Comm. Expires Jan 29, 2023

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICE September 15, 2022

STATE OF NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION, STATE FE, NEW MEXICO

The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearings before a hearing examiner on the following cases. During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on **Thursday, October 6, 2022, beginning at 8:15 A.M.** To participate in the electronic hearing, see the instructions posted below. The docket may be viewed at <http://www.emnrd.state.nm.us/OCD/hearings-info/> or obtained from Marlene Salvidrez at Marlene.Salvidrez@state.nm.us. Documents filed in the case may be viewed at <https://ocdimage.emnrd.state.nm.us/imaging/CaseFileCriteria.aspx>. If you are an individual with a disability who needs a reader, amplifier, qualified sign language interpreter, or other form of auxiliary aid or service to attend or participate in the hearing, contact Marlene Salvidrez at Marlene.Salvidrez@state.nm.us, or the New Mexico Relay Network at 1-800-659-1779, no later than October 3, 2022.

STATE OF NEW MEXICO TO:
All named parties and persons
having any right, title, interest
or claim in the following case
and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

TO: All overriding royalty interest owners and pooled parties, including Oxy Y-1 Company and Sharbro Energy LLC

CASE NO: 23032: Application of EOG Resources, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order from the Division approving an overlapping horizontal spacing unit and pooling all uncommitted mineral interests in the Bone Spring Formation, designated as an oil pool, underlying a standard 480-acre, more or less, horizontal spacing unit comprising the W $\frac{1}{2}$ of Section 26 and the NW $\frac{1}{4}$ of Section 35, Township 24 South, Range 34 East, N.M.P.M., Lea County, New Mexico. The proposed wells to be dedicated to the horizontal spacing unit are the Harrier 35 North Fed Com # 301H, #302H, #401H, #402H, #601H, and #602H, all oil wells, to be horizontally drilled from surface locations in the N $\frac{1}{2}$ of Section 35, Township 24 South, Range 34 East, N.M.P.M, to bottom hole locations in the N $\frac{1}{2}$ of Section 26, Township 24 South, Range 34 East, N.M.P.M. The completed interval for the Harrier 35 North Fed Com #301 well is expected to remain within 330 feet of the adjacent quarter-quarter section (or equivalent) tracts to allow inclusion of these proximity tracts within the proposed horizontal spacing unit under NMAC 19.15.16.15.B(1)(b). This 480-acre HSU will overlap the following existing horizontal well spacing units covering portions of the subject acreage:

- A 160-acre horizontal spacing unit in the W/2W/2 of Section 26, dedicated to the Kestrel 26 Fed No. 311H well (API No. 30-025-46353) in the Red Hills; Bone Spring North Pool; and
 - A 160-acre horizontal spacing unit in the W/2W/2 of Section 35, dedicated to the Orange Raider BPV State No. 1H well (API No. 30-025-39712), in the Red Hills; Bone Spring, East Pool. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof; actual operating costs and charges for supervision; the designation of the Applicant as Operator of the wells and unit; and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 15 miles northwest of Jal, New Mexico.
- #38019**

67112105

00270854

MARY FINNEY
BEATTY & WOZNIAK, P.C.
1675 BROADWAY, SUITE 600
DENVER, CO 80202

Case No. 23032, Harrier
Exhibit E-2

