

Application

Received: 09/25/2019

This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete

HRC9E-190925-C-107B 915

Revised March 23, 2017

RECEIVED: 9/25/19	REVIEWER: DM	TYPE: CTB	APP NO: pLEL1927743238
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND
 REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: EOG Resources, Inc. **OGRID Number:** 7377
Well Name: Fearless BSF Fed Com 2H & others **API:** 30-025-42110
Pool: WC-025 G-08 S253235G; Lwr Bone Spring **Pool Code:** 97903

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION
 INDICATED BELOW**

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL☐ NSP (PROJECT AREA)☐ NSP (PRORATION UNIT)☐ SD

B. Check one only for [I] or [II]

[I] Commingling – Storage – Measurement

☐ DHC☒ CTB☐ PLC☐ PC☐ OLS☐ OLM

[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX☐ PMX☐ SWD☐ IPI☐ EOR☐ PPR**2) NOTIFICATION REQUIRED TO:** Check those which apply.A. ☐ Offset operators or lease holdersB. ☒ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☐ Notification and/or concurrent approval by SLOE. ☒ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☐ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐

Notice Complete

☐Application
Content
Complete

3) CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Sarah Mitchell

Print or Type Name

Date

9/25/19

432-848-9133

Phone Number

Sarah_mitchell@eogresources.com

e-mail Address

Sarah Mitchell
 Signature

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: EOG Resources, Inc.

OPERATOR ADDRESS: P.O. Box 2267 Midland, Texas 79702

APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. _____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
☒ Yes ☐ No

(A) POOL COMMINGLING

Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

- (2) Are any wells producing at top allowables? ☐ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No.
(4) Measurement type: ☐ Metering ☐ Other (Specify)
(5) Will commingling decrease the value of production? ☐ Yes ☐ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING

Please attach sheets with the following information

- (1) Pool Name and Code. WC-025 G-08 S253235G; Lwr Bone Spring [97903]
(2) Is all production from same source of supply? ☒ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No
(4) Measurement type: ☒ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

- (1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT

Please attached sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Sarah Mitchell TITLE: Regulatory Contractor DATE: 9/25/19

TYPE OR PRINT NAME Sarah Mitchell TELEPHONE NO.: 432-848-9133

E-MAIL ADDRESS: sarah_mitchell@eogresources.com

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM110836

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
FEARLESS BSF FED COM 2H

2. Name of Operator
EOG RESOURCES, INC.
Contact: SARAH MITCHELL
E-Mail: sarah_mitchell@eogresources.com

9. API Well No.
30-025-42110

3a. Address
P.O. BOX 2267
MIDLAND, TX 79702

3b. Phone No. (include area code)
Ph: 432-848-9133

10. Field and Pool or Exploratory Area
WC-025 G-08 S253235G

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 26 T25S R32E Mer NMP NENE 200FNL 440FEL
32.108234 N Lat, 103.638435 W Lon

11. County or Parish, State

LEA COUNTY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Surface Commingling
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

EOG Resources, Inc. respectfully requests authority to surface commingle production from the following wells at its Fearless 26 Central Tank Battery:

Fearless BSF Fed Com 2H (30-025-42110) WC-025 G-08 S253235G Lwr Bn Spring [97903]
Fearless 26 Fed Com 503H (30-025-45505) WC-025 G-08 S253235G Lwr Bn Spring [97903]
Fearless 26 Fed Com 504H (30-025-45506) WC-025 G-08 S253235G Lwr Bn Spring [97903]

Lease numbers: NMNM 110836, NMNM 108973, NMNM 108970
CA numbers: 135336

Concurrent approval sought from NMOCD. Please see attached documents for further information.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #485165 verified by the BLM Well Information System
For EOG RESOURCES, INC., sent to the Hobbs**

Name (Printed/Typed) SARAH MITCHELL

Title REGULATORY CONTRACTOR

Signature (Electronic Submission)

Date 09/25/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

APPLICATION FOR SURFACE LEASE COMMINGLING

EOG Resources, Inc. ("EOG") respectfully requests approval to surface lease commingle oil & gas from the following wells:

Well Name	Location	API #	Pool	Status	Oil BPD	Gravities	MSCFPD	BTU
FEARLESS BSF FED COM #2H	A-26-25S-32E	30-025-42110	WC-025 G-08 S253235G; LWR Bone Sprg [97903]	Producing	169.54	48.6	713.82	1255.3
FEARLESS 26 FED COM #503H	B-26-25S-32E	30-025-45505	WC-025 G-08 S253235G; LWR Bone Sprg [97903]	Permitted	*1724	*46.28	*3279	*1357
FEARLESS 26 FED COM #504H	B-26-25S-32E	30-025-45506	WC-025 G-08 S253235G; LWR Bone Sprg [97903]	Permitted	*1724	*46.28	*3279	*1357

*projected, pending completion

GENERAL INFORMATION :

- Federal Lease USA NMNM 110836 covers 1,160.00 acres, being the NW/4 of Section 23, the SE/4 NW/4 and the S/2 S/2 of Section 24, All of Section 25, and the NE/4 of Section 26 in Township 25 South, Range 32 East, Lea County, New Mexico
- Federal Lease USA NMNM 108973 covers 640.00 acres being the All of Section 35 in Township 25 South, Range 32 East, Lea County, New Mexico
- Federal Lease USA NMNM 108970 covers 480.00 acres being the W/2 and SE/4 of Section 26 in Township 25 South, Range 32 East, Lea County, New Mexico.
- The central tank battery to service the subject wells is located in the NW/4 NE/4 (Unit B) of Section 26-25S-32E on Federal Lease USA NMNM 110836.
- An application to commingle production from the subject wells is being submitted to the Bureau of Land Management and the New Mexico State Land Office.
- Enclosed herewith is (1) a map that displays the leases, the location of the subject wells, and the proposed CTB, (2) a process flow diagram, (3) and the C-102 plat for each of the wells.

FUTURE ADDITIONS

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) EOG Resources, Inc. respectfully requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

PROCESS AND FLOW DESCRIPTIONS:

The production from each well will flow into a dedicated 3-phase separator. The production stream will be separated into 3 independent streams (gas, oil, and water) by

the separator and each stream will be measured individually after it exits the separator. The gas will be measured using a senior orifice meter and used to allocate total volume measured at the facility check meter, high pressure flare meter, and low pressure flare meter.

FEARLESS BSF FED COM #2H gas allocation meter is an Emerson orifice meter (S/N 67395601)

FEARLESS 26 FED COM #503H gas allocation meter is an Emerson orifice meter (S/N *11111111)

FEARLESS 26 FED COM #504H gas allocation meter is an Emerson orifice meter (S/N *11111111)

The oil from the separators will be measured using a Coriolis meter.

FEARLESS BSF FED COM #2H oil allocation meter is a FMC Coriolis meter (S/N 10-106801)

FEARLESS 26 FED COM #503H oil allocation meter is a FMC Coriolis meter (S/N *11-111111)

FEARLESS 26 FED COM #504H oil allocation meter is a FMC Coriolis meter (S/N *11-111111)

The water will be measured using a vortex meter. The water from each separator is combined in a common header and flows into (2) 750 barrel coated steel tanks. Guided wave radar is used to measure water volumes in these tanks. The oil from each separator will be combined into a common header and flow into a heated 3-phase separator to aid separation of water entrained in the oil.

Gas from the heated separator is measured and allocated back to the wells on an oil volume based allocation.

FEARLESS FG METER #1 gas allocation meter is an Emerson orifice meter (S/N *11111111)

Water from the heated separator flows into the common water header connected to the (4) 400 barrel water tanks. The water is then pumped and/or trucked to a salt water disposal well.

The oil from the heated 3-phase separator flows through a vapor recovery tower (VRT) where gas is allowed to breakout at a lower pressure, and then the oil flows into (8) 400 barrel coated steel tanks. Guided wave radar is used to measure water and oil volumes in these tanks and can be used for volume verification during diagnosis of upset conditions. Oil is pumped out of the tanks through a LACT with Coriolis measurement into a truck or a pipeline. The LACT is the custody transfer point and the measurement point for oil sales. Tank vapors are sent to flare and are quantified based on a Promax process model. Tank vapors are allocated back to wells on an oil volume based allocation.

After the gas from each separator is measured it is combined into a common header. The gas from the heated 3-phase separator also flows into this header. The gas flows through the header to a custody transfer senior orifice meter (#67395671). If the pipeline is experiencing problems and cannot take any gas, the gas will flow through the produced gas emergency flare meter (#67395656) to the flare. If an individual well needed to be flared for any operational reason it will be manually routed through the individual well flare meter (#67395657) to the flare. The overhead gas from the vapor recovery tower is compressed by an electric drive vapor recovery compressor and then measured by a

custody transfer senior orifice meter (#67395686). The gas from the vapor recovery system combines with the gas from the lease production meter and flows into our gas gathering pipeline system. In the event the vapor recovery unit is experiencing downtime, a thermal mass meter will measure the gas before it is flared and allocate this volume back to wells on an oil volumetric basis. Fuel gas being consumed by the heated vessels is pulled off of the common gas header before being metered by the custody transfer meter. This gas is pulled at a common point and measured using a thermal mass meter and allocated back to wells on a mass balance basis. Gas lift gas being used by each well is measured and subtracted from their production on a mass balance basis.

*Meter numbers will be provided upon installation of meters and completion of the facility.



P.O. Box 2267, Midland, Texas 79702
Phone: (432) 848-9120

Date: September 25, 2019

To: State of New Mexico Oil Conservation Division
Bureau of Land Management

Re: Surface Lease Commingling Application; Fearless BSF Federal Com 2H,
Fearless 26 Fed Com 503H, 504H

To whom it may concern:

This letter serves to notice you that the ownership in the production of the following wells is Diverse as defined in 19.15.12.7 A. NMAC:

Well Name	Location	API #	Pool	Status
FEARLESS BSF FED COM #2H	A-26-25S-32E	30-025-42110	WC-025 G-08 S253235G; LWR Bone Sprg [97903]	Producing
FEARLESS 26 FED COM #503H	B-26-25S-32E	30-025-45505	WC-025 G-08 S253235G; LWR Bone Sprg [97903]	Permitted
FEARLESS 26 FED COM #504H	B-26-25S-32E	30-025-45506	WC-025 G-08 S253235G; LWR Bone Sprg [97903]	Permitted

The royalty, overrides and working interest are diverse on a well by well basis. All owners are listed on Exhibit A, attached hereto.

I certify that this information is true and correct to the best of my knowledge.

Sincerely,

EOG Resources, Inc.

By: 

Chuck Moran
Land Advisor

Commingle Application for Fearless 26 Federal CTB
EOG Resources, Inc.
EXHIBIT A- Notice List

New Mexico Oil Conservation Division
Attn: Mr. Mike McMillan
1220 South St. Francis Drive
Santa Fe, NM 87505
Via OCD Online

New Mexico Oil Conservation Division
Attn: Mr. Paul Kautz
1625 N. French Drive
Hobbs, New Mexico 88240
7019 0160 0000 0114 3735

Bureau of Land Management
Attn: Mr. Dylan Rossmango
620 E. Green Street
Carlsbad, NM 88220
Via BLM WIS

Oxy Y-1 Company
Attn: Mr. Jeremy Murphrey
5 Greenway Plaza, Suite 110
Houston, Texas 77046
7019 0160 0000 0114 3742

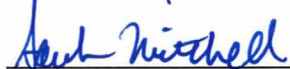
Sharbro Energy, LLC
Attn: Ms. Liz Baker
P.O. Box 840
Artesia, New Mexico 88211-0840
7019 0160 0000 0114 3759

CrownRock Minerals, L.P.
Attn: Ms. Marita Ruiz
P. O. Box 51933
Midland, Texas 79710
7019 0160 0000 0114 3766

John Kyle Thoma
Trustee of the Cornerstone Family Trust
P.O. Box 558
Peyton, Colorado 80831-0558
7019 0160 0000 0114 3773

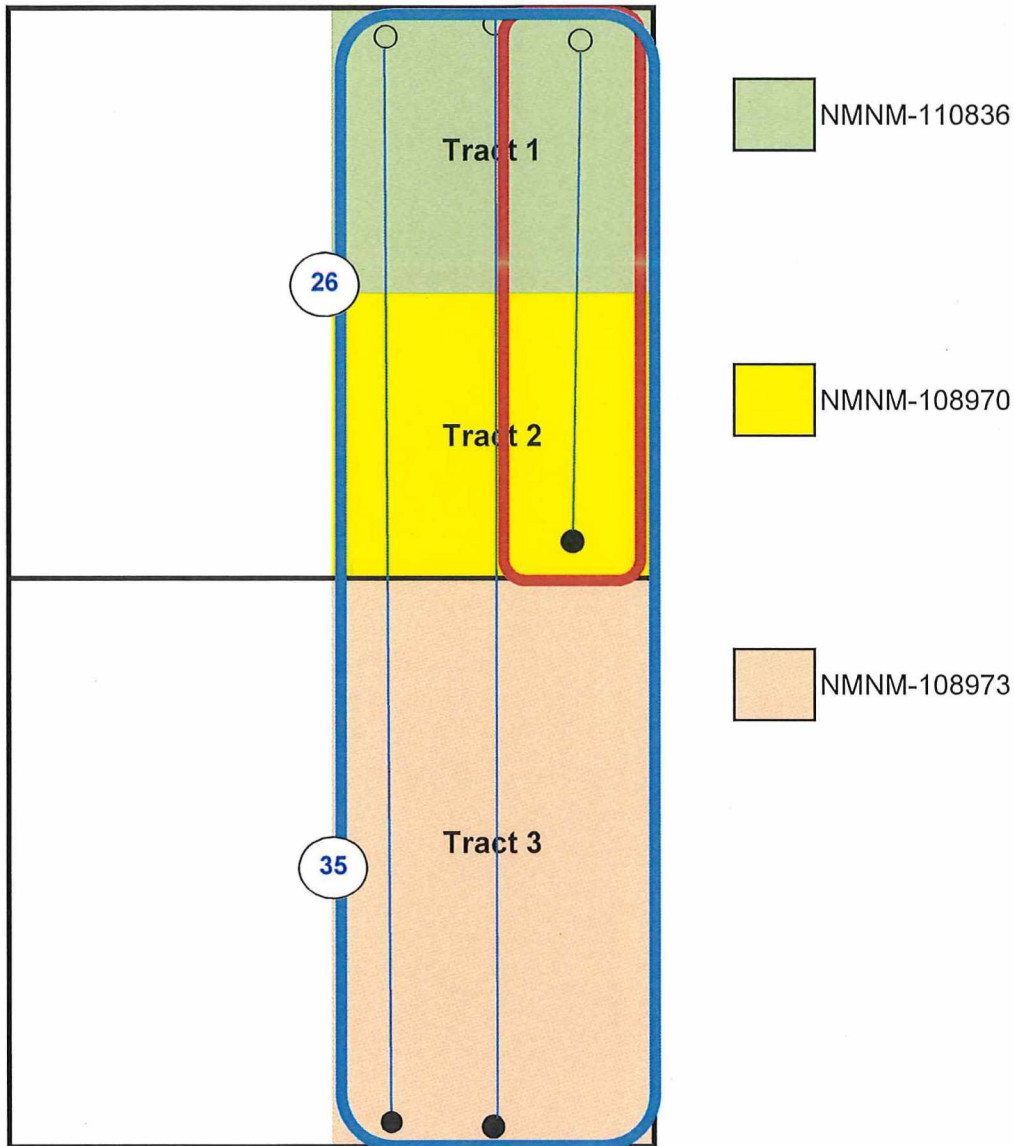
EOG Resources, Inc.
P.O. Box 2267
Midland, Texas 79702


Copies of this application were mailed to the following individuals, companies, and organizations
on or before September 25, 2019.



Sarah Mitchell
EOG Resources, Inc.

Bone Spring
T25S-R32E, NMPM, Lea County NM



-  Communitized Area - Bone Spring Formation - E/2 Sec 26 and Sec. 35
1. Fearless 26 Fed Com #503H
 2. Fearless 26 Fed Com #504H
-  Communitized Area - Bone Spring Formation - E/2E/2 Sec 26
1. Fearless BSF Fed Com #2H



P.O. Box 2267, Midland, Texas 79702
Phone: (432) 848-9133

Certified Mail-Return Receipt

Date: September 25, 2019

Re: Surface Lease Commingling Application; Fearless BSF Federal Com 2H,
Fearless 26 Fed Com 503H, 504H

Dear Sir/Madam:

Enclosed please find EOG Resources, Inc.'s application to commingle production at its Fearless 26 Federal Central Tank Battery located in Lea County, New Mexico, filed this date with the New Mexico Oil Conservation Division (NMOCD) and the Bureau of Land Management.

Any objections or requests for a hearing regarding this application must be submitted to the New Mexico Oil Conservation Division Santa Fe Office within 20 Days from the date the Division received this application.

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) EOG Resources, Inc. requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

For questions regarding this application, please contact me at 432-848-9133 or sarah_mitchell@eogresources.com

Kind regards,

EOG Resources, Inc.

By: 
Sarah Mitchell
Regulatory Contractor

FACILITY NAME: FEARLESS 26 CTB

WELL NAME:
FEARLESS BSF FED COM #2H
API NUMBER:
30-025-42110

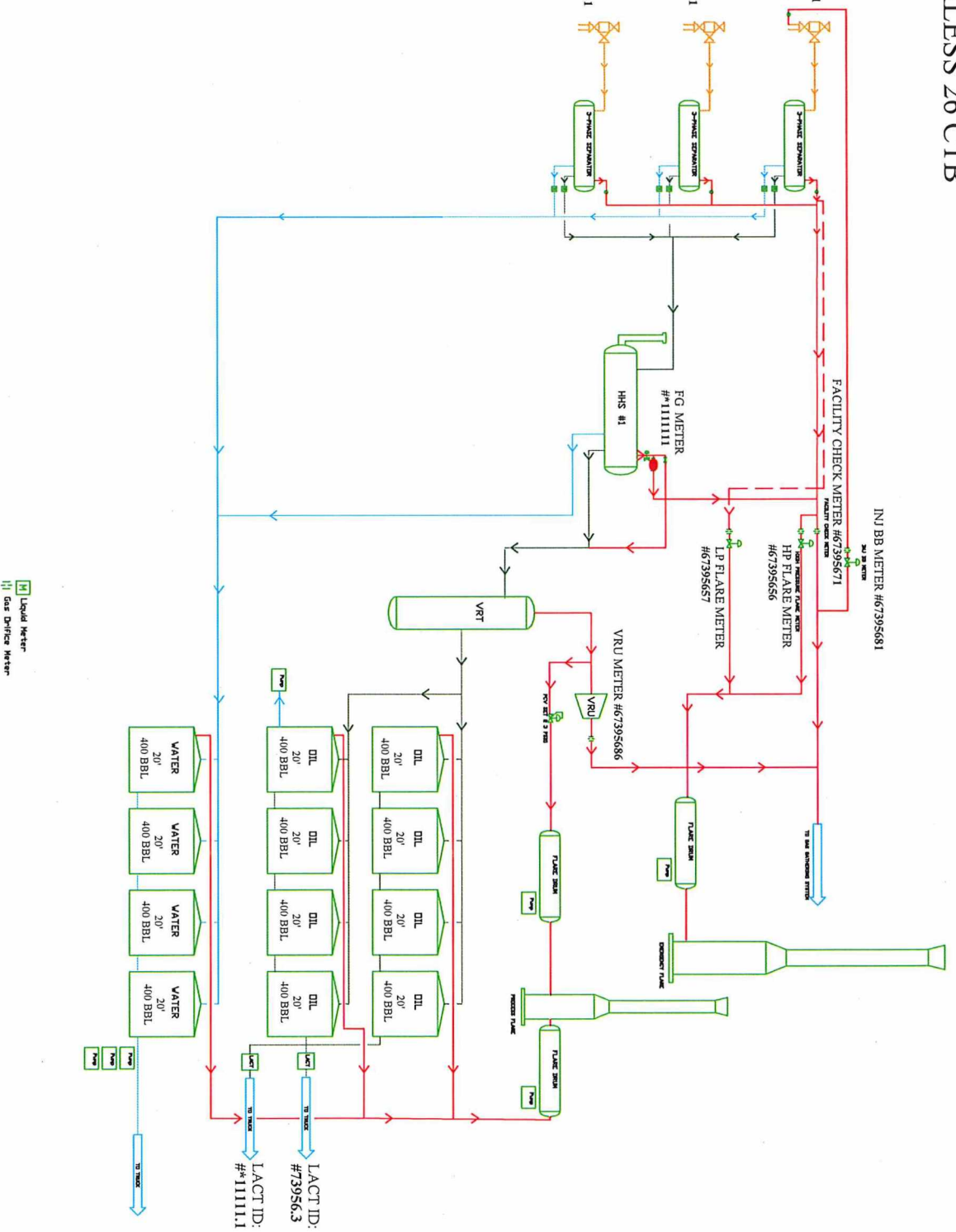
GAS METER #67395601
GAS LIFT METER #67395621
OIL METER #10-106801
WATER METER #40-106801

WELL NAME:
FEARLESS 26 FED COM #503H
API NUMBER:
30-025-45505

GAS METER # *1111111
OIL METER # *11-11111
WATER METER # *11-11111

WELL NAME:
FEARLESS 26 FED COM #504H
API NUMBER:
30-025-45506

GAS METER # *1111111
OIL METER # *11-111111
WATER METER # *11-111111



FEARLESS 26 CTB PROCESS FLOW		
EDG RESOURCES MIDLAND DIVISION	BY: EPF	REV 01 5/28/2019

APPLICATION FOR, COMMINGLING AT A COMMON CENTRAL TANK BATTERY

Proposal for FEARLESS 26 CTB:

EOG Resources, Inc. is requesting approval to commingle the following wells in a common central tank battery:

Federal Lease NMNM 110836, NMNM 108970, NMNM 108973

Well Name	Location	API #	Pool	Status	Oil BPD	Gravities	MSCFPD	BTU
FEARLESS BSF FED COM #2H	A-26-25S-32E	30-025-42110	WC-025 G-08 S253235G; LWR Bone Sprg [97903]	Producing	169.54	48.6	713.82	1255.3
FEARLESS 26 FED COM #503H	B-26-25S-32E	30-025-45505	WC-025 G-08 S253235G; LWR Bone Sprg [97903]	Permitted	*1724	*46.28	*3279	*1357
FEARLESS 26 FED COM #504H	B-26-25S-32E	30-025-45506	WC-025 G-08 S253235G; LWR Bone Sprg [97903]	Permitted	*1724	*46.28	*3279	*1357

*Estimated numbers for these wells; will provide actual numbers once these wells are producing.

Production Summary Report API: 30-025-42110 FEARLESS BSF FEDERAL COM #002H Printed On: Wednesday, September 25 2019												
		Production					Injection					
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure	
2019	[97903] WC-025 G-08 S253235G;LWR BONE SPRIN	Feb	4955	21938	6215	28	0	0	0	0	0	0
2019	[97903] WC-025 G-08 S253235G;LWR BONE SPRIN	Mar	5107	21342	6130	31	0	0	0	0	0	0
2019	[97903] WC-025 G-08 S253235G;LWR BONE SPRIN	Apr	4848	19672	5708	30	0	0	0	0	0	0
2019	[97903] WC-025 G-08 S253235G;LWR BONE SPRIN	May	5149	21266	6540	31	0	0	0	0	0	0
2019	[97903] WC-025 G-08 S253235G;LWR BONE SPRIN	Jun	3889	16795	4887	26	0	0	0	0	0	0
2019	[97903] WC-025 G-08 S253235G;LWR BONE SPRIN	Jul	4828	19525	5938	30	0	0	0	0	0	0

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (505) 393-0101 Fax: (505) 393-0720

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210
Phone (505) 746-1203 Fax: (505) 746-6720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-8178 Fax: (505) 334-8170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3400 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources Department

HOBBS OCD

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

SEP 12 2014

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-42110	Pool Code 97903	Pool Name WC-025-08 52592356 LWR BS
Property Code 39956	Property Name FEARLESS "BSF" FEDERAL COM.	Well Number 2H
OGRID No. 025375 7371	Operator Name EOG PETROLEUM CORP.	Elevation 3413

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	26	25 S	32 E		281'00"	NORTH	439'40"	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	26	25 S	32 E		329	SOUTH	441	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160 E2/E2			

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

N 403961.72 E 751593.82	N 403969.42 E 754263.67	N 403997.33 E 756922.63	<p>OPERATOR CERTIFICATION</p> <p>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</p> <p><i>Kay Maddox</i> 5/16/17 Signature Date Kay Maddox Printed Name Kay-maddox Email Address @EOGresources.com</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge</p> <p>GARY L. JONES APR 17 2015 Date Surveyed Signature of Seal of Professional Surveyor</p> <p>W.O. No. 28547</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS 28547</p>
<p>SURFACE LOCATION</p> <p>Lat - N 32°06'29.51" Long - W 103°38'18.51" NMSPC- E 756483.52 (NAD-83)</p> <p>Penetration Point 667' FNL & 438' FEL</p> <p>Project Area</p> <p>Producing Zone</p>			
N 401339.83 E 751632.05		N 401354.33 E 756933.10	
N 398687.34 E 751637.40	N 398705.45 E 754295.43	N 398713.96 E 756950.10	
<p>PROPOSED BOTTOM HOLE LOCATION</p> <p>Lat - N 32°05'42.50" Long - W 103°38'18.58" NMSPC- E 756508.06 (NAD-83)</p>			

SEP 16 2014

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 30-025-45505	² Pool Code [97903]	³ Pool Name WC-025 G-08 S253235G; LWR BONE SPRIN
⁴ Property Code 324860	⁵ Property Name FEARLESS 26 FED COM	⁶ Well Number 503H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3401'

¹⁰Surface Location

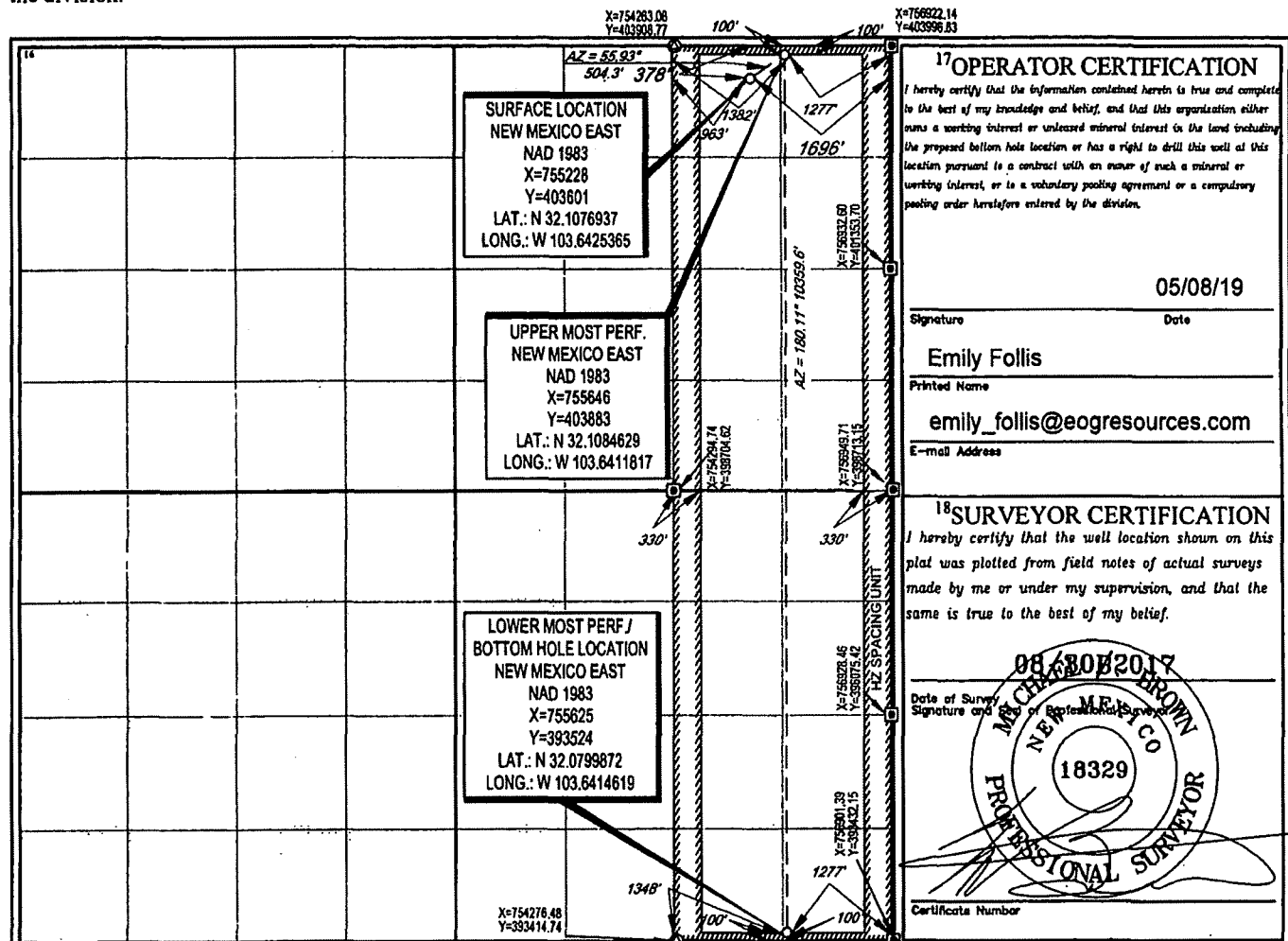
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	26	25-S	32-E	-	378'	NORTH	1696'	EAST	LEA

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
P	35	25-S	32-E	-	100'	SOUTH	1277'	EAST	LEA

¹² Dedicated Acres 640.00	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.



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

FORM C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 3002545506		² Pool Code 97903	³ Pool Name WK-02F G-08 52532355; LWR DS
⁴ Property Code 324560	⁵ Property Name FEARLESS 26 FED COM		⁶ Well Number 504H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.		⁹ Elevation 3399'

¹⁰Surface Location

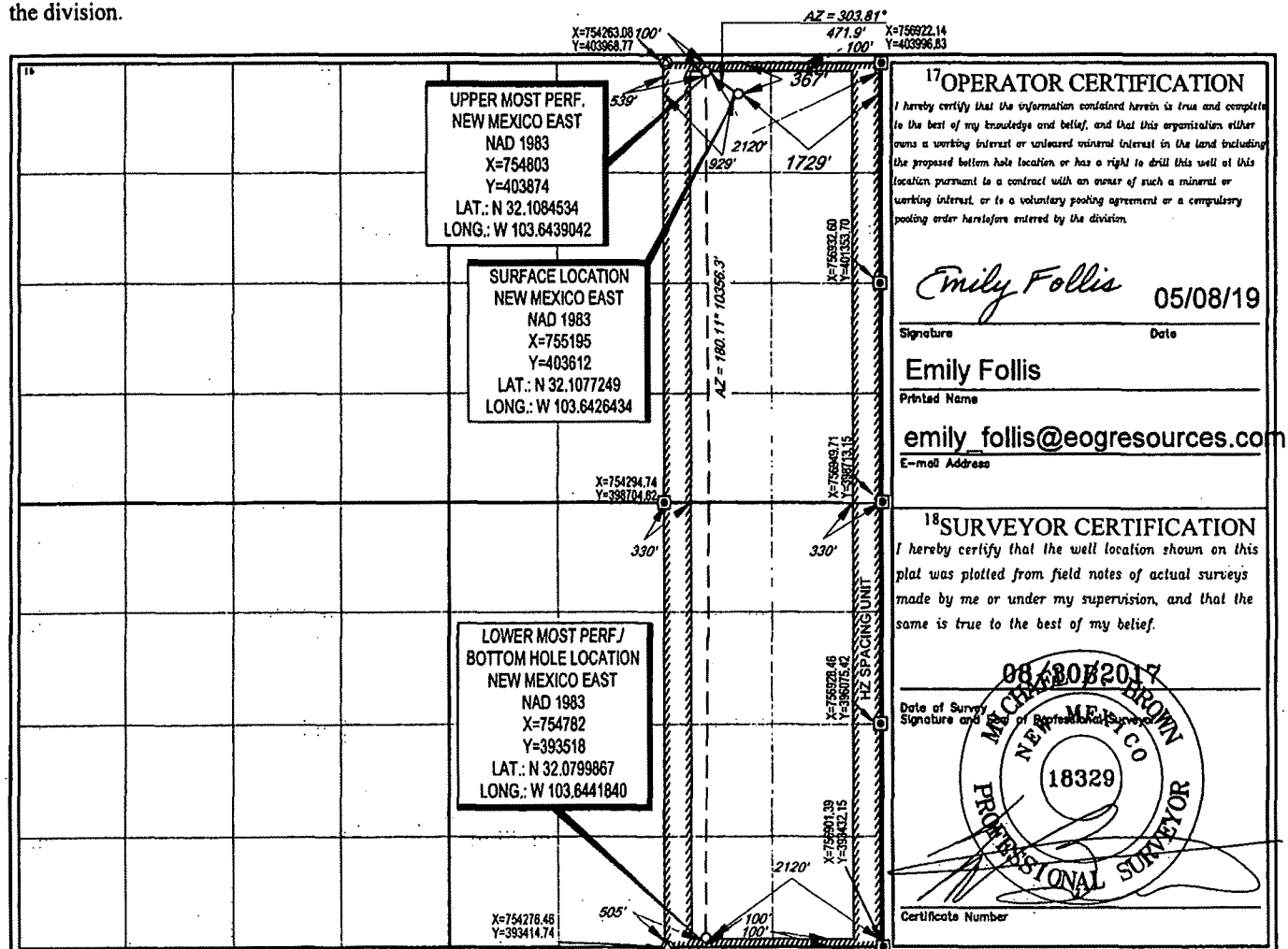
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	26	25-S	32-E	-	367'	NORTH	1729'	EAST	LEA

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
0	35	25-S	32-E	-	100'	SOUTH	2120'	EAST	LEA

¹² Dedicated Acres 640.00	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.



DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

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01 12-22-1987;101STAT1330;30USC181 ET SEQ
Case Type 312021: O&G LSE COMP PD -1987
Commodity 459: OIL & GAS
Case Disposition: AUTHORIZED

Total Acres:
1,160.000

Serial Number
NMNM 110836

Case File Juris:

Serial Number: NMNM-- - 110836

Name & Address					Int Rel	% Interest
EOG RESOURCES INC	PO BOX 4362	HOUSTON	TX	772104362	OPERATING RIGHTS	0.000000000
EOG RESOURCES INC	PO BOX 4362	HOUSTON	TX	772104362	LESSEE	66.660000000
OXY Y-1 COMPANY	PO BOX 27570	HOUSTON	TX	772277570	LESSEE	33.340000000
OXY Y-1 COMPANY	PO BOX 27570	HOUSTON	TX	772277570	OPERATING RIGHTS	0.000000000

Serial Number: NMNM-- - 110836

Mer	Twp	Rng	Sec	S	Type	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0250S	0320E	023	ALIQ				NW;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0250S	0320E	024	ALIQ				SENW,S2S2;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0250S	0320E	025	ALL				ENTIRE SECTION	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0250S	0320E	026	ALIQ				NE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 110836

Serial Number: NMNM-- - 110836

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
07/15/2003	387	CASE ESTABLISHED	200307095	
07/16/2003	191	SALE HELD		
07/16/2003	267	BID RECEIVED	\$98600.00;	
08/15/2003	237	LEASE ISSUED		
08/15/2003	974	AUTOMATED RECORD VERIF	BTM	
09/01/2003	496	FUND CODE	05;145003	
09/01/2003	530	RLTY RATE - 12 1/2%		
09/01/2003	868	EFFECTIVE DATE		
10/08/2003	963	CASE MICROFILMED/SCANNED		
05/12/2011	940	NAME CHANGE RECOGNIZED	YATES DRL CO/OXY Y-1	
06/01/2013	677	SUS OPS OR PROD/PMT REQD	APD APPROVAL DELAY;	
06/20/2013	673	SUS OPS/PROD APLN FILED		
06/26/2013	974	AUTOMATED RECORD VERIF	JA	
03/20/2015	246	LEASE COMMITTED TO CA	NMNM135336;	

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
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Serial Number: NMNM-- - 110836

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
05/01/2015	235	EXTENDED	THRU 07/31/17;	
05/01/2015	678	SUSP LIFTED		
11/30/2015	974	AUTOMATED RECORD VERIF	JA	
12/01/2016	940	NAME CHANGE RECOGNIZED	MYCO INDUST/EOG M RES	
12/01/2016	940	NAME CHANGE RECOGNIZED	ABO PETRO/EOG A RESOU	
04/27/2017	650	HELD BY PROD - ACTUAL	/1/2H FEARLESS BSF;	
04/27/2017	658	MEMO OF 1ST PROD-ACTUAL	/1/#2H;NMNM135336	
05/16/2017	643	PRODUCTION DETERMINATION	/1/	
05/07/2018	932	TRF OPER RGTS FILED	OXY Y-1 C/EOG RESOU;1	
06/01/2018	933	TRF OPER RGTS APPROVED	EFF 06/01/18;	
06/01/2018	974	AUTOMATED RECORD VERIF	RCC	
01/01/2019	817	MERGER RECOGNIZED	EOG M/EOG RESOURCE IN	

Serial Number: NMNM-- - 110836

Line Number	Remark Text
0002	STIPULATIONS ATTACHED TO LEASE:
0003	SENM-S-22 (PRAIRIE CHICKENS)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
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01 12-22-1987;101STAT1330;30USC181 ET SEQ
Case Type 312021: O&G LSE COMP PD -1987
Commodity 459: OIL & GAS
Case Disposition: AUTHORIZED

Total Acres:
480.000

Serial Number
NMNM 108970

Case File Juris:

Serial Number: NMNM-- 108970

Name & Address	Int Rel	% Interest
EOG RESOURCES INC PO BOX 4362 HOUSTON TX 772104362	LESSEE	66.666666000
OXY Y-1 COMPANY PO BOX 27570 HOUSTON TX 772277570	LESSEE	33.333334000

Serial Number: NMNM-- 108970

Mer	Twp	Rng	Sec	SType	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0250S	0320E	026	ALIQ			W2,SE;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- 108970

Serial Number: NMNM-- 108970

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
07/16/2002	387	CASE ESTABLISHED	200207154	
07/17/2002	191	SALE HELD		
07/17/2002	267	BID RECEIVED	\$21600.00;	
07/17/2002	392	MONIES RECEIVED	\$21600.00;	
08/14/2002	237	LEASE ISSUED		
08/14/2002	974	AUTOMATED RECORD VERIF	GSB	
09/01/2002	496	FUND CODE	05;145003	
09/01/2002	530	RLTY RATE - 12 1/2%		
09/01/2002	868	EFFECTIVE DATE		
05/12/2011	940	NAME CHANGE RECOGNIZED	YATES DRL CO/OXY Y-1	
07/01/2012	677	SUS OPS OR PROD/PMT REQD	/1/	
07/26/2012	673	SUS OPS/PROD APLN FILED		
08/28/2012	974	AUTOMATED RECORD VERIF	BCO	
03/20/2015	246	LEASE COMMITTED TO CA	NMNM135336;	
05/01/2015	235	EXTENDED	THRU 06/30/2017;	
05/01/2015	678	SUSP LIFTED		
11/30/2015	974	AUTOMATED RECORD VERIF		
12/01/2016	940	NAME CHANGE RECOGNIZED	MYCO INDUST/EOG M RES	
12/01/2016	940	NAME CHANGE RECOGNIZED	ABO PETRO/EOG A RESOU	

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
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Serial Number: NMNM-- 108970

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
04/27/2017	650	HELD BY PROD - ACTUAL	/1/2H FEARLESS BSF;	
04/27/2017	658	MEMO OF 1ST PROD-ACTUAL	/1/#2H;NMNM135336	
05/16/2017	643	PRODUCTION DETERMINATION	/1/	
01/01/2019	817	MERGER RECOGNIZED	EOG A/EOG RESOURCE IN	
01/01/2019	817	MERGER RECOGNIZED	EOG M/EOG RESOURCE IN	

Line Number	Remark Text	Serial Number: NMNM-- 108970
0002	NO STIPS ATTACHED	

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
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01 12-22-1987;101STAT1330;30USC181 ET SEQ
Case Type 312021: O&G LSE COMP PD -1987
Commodity 459: OIL & GAS
Case Disposition: AUTHORIZED

Total Acres:
640.000

Serial Number
NMNM 108973

Case File Juris:

Serial Number: NMNM-- 108973

Name & Address						Int Rel	% Interest
COG OPERATING LLC	600 WILLINOIS AVE	MIDLAND	TX	797014882	LESSEE		100.000000000
COG OPERATING LLC	600 WILLINOIS AVE	MIDLAND	TX	797014882	OPERATING RIGHTS		0.000000000
EOG RESOURCES INC	PO BOX 4362	HOUSTON	TX	772104362	OPERATING RIGHTS		0.000000000

Serial Number: NMNM-- 108973

Mer	Twp	Rng	Sec	S	Type	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0250S	0320E	035		ALL			ENTIRE SECTION	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- 108973

Serial Number: NMNM-- 108973

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
07/16/2002	387	CASE ESTABLISHED	200207157	
07/17/2002	191	SALE HELD		
07/17/2002	267	BID RECEIVED	\$16640.00;	
07/17/2002	392	MONIES RECEIVED	\$16640.00;	
08/14/2002	237	LEASE ISSUED		
08/14/2002	974	AUTOMATED RECORD VERIF	GSB	
09/01/2002	496	FUND CODE	05;145003	
09/01/2002	530	RLTY RATE - 12 1/2%		
09/01/2002	868	EFFECTIVE DATE		
02/06/2007	899	TRF OF ORR FILED	1	
04/03/2007	932	TRF OPER RGTS FILED	ALLAR CO/EG3 INC;1	
06/06/2007	933	TRF OPER RGTS APPROVED	EFF 05/01/07;	
06/06/2007	974	AUTOMATED RECORD VERIF	MV	
05/31/2011	140	ASGN FILED	ALLAR COM/VICTORY P;1	
05/31/2011	932	TRF OPER RGTS FILED	EG3/VPR OPERATING;1	
05/31/2011	932	TRF OPER RGTS FILED	ALLAR COM/VPR OPERA;1	
08/29/2011	139	ASGN APPROVED	EFF 06/01/11;	
08/29/2011	933	TRF OPER RGTS APPROVED	2 EFF 06/01/11;	

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
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Serial Number: NMNM-- 108973

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
08/29/2011	933	TRF OPER RGTS APPROVED	1 EFF 06/01/11;	
06/21/2012	246	LEASE COMMITTED TO CA	CA NM128803;	
11/07/2012	643	PRODUCTION DETERMINATION	/1/	
11/07/2012	651	HELD BY PROD - ALLOCATED	/1/	
11/07/2012	660	MEMO OF 1ST PROD-ALLOC	/1/NMNM128803;	
03/20/2013	940	NAME CHANGE RECOGNIZED	VICTORY PARK RES/VPR;	
09/10/2013	974	AUTOMATED RECORD VERIF	BTM	
12/20/2013	140	ASGN FILED	VPR (NM)/COG OPERAT;1	
12/20/2013	932	TRF OPER RGTS FILED	VPR OPERA/COG OPERA;1	
04/04/2014	139	ASGN APPROVED	EFF 01/01/14;	
04/04/2014	933	TRF OPER RGTS APPROVED	EFF 01/01/14;	
04/04/2014	974	AUTOMATED RECORD VERIF	DME	
10/16/2017	932	TRF OPER RGTS FILED	COG OPERA/EOG RESOU;1	
11/02/2017	933	TRF OPER RGTS APPROVED	EFF 11/01/17;	
11/02/2017	974	AUTOMATED RECORD VERIF	RCC	
01/01/2019	817	MERGER RECOGNIZED	EOG Y/EOG RESOURCE IN	
01/01/2019	817	MERGER RECOGNIZED	EOG A/EOG RESOURCE IN	
01/01/2019	817	MERGER RECOGNIZED	EOG M/EOG RESOURCE IN	

Line Number	Remark Text	Serial Number: NMNM-- 108973
0002	NO STIPS ATTACHED	
0003	06/06/07 PER MMS RENTAL PD FOR 02-06, DUE 09/01/07	
0004	08/29/11 - PER MMS RENTAL PD THRU 09/01/11;	
0005	04/04/2014 COG OPERATING BONDED NMB000215 SW	
0006	11/02/2017 - OPERATING RIGHTS ADJUDICATED SEE WS;	

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
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01 02-25-1920;041STAT0437;30USC181

Total Acres:

Serial Number

Case Type 318310: O&G COMMUNITIZATION AGRMT

160.000

NMNM 135336

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Case File Juris: CARLSBAD FIELD OFFICE

Serial Number: NMNM-- - 135336

Name & Address	Int Rel	% Interest
EOG RESOURCES INC PO BOX 2267 MIDLAND TX 797022267	OPERATOR	100.000000000
BLM CARLSBAD FO 620 E GREENE ST CARLSBAD NM 88220	OFFICE OF RECORD	0.000000000

Serial Number: NMNM-- - 135336

Mer	Twp	Rng	Sec	SType	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0250S	0320E	026	ALIQ			E2E2;	CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 135336

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 135336

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
03/20/2015	387	CASE ESTABLISHED		
03/20/2015	516	FORMATION	BONE SPRING	
03/20/2015	526	ACRES-FED INT 100%	160;100%	
03/20/2015	868	EFFECTIVE DATE	/A/	
11/19/2015	334	AGRMT APPROVED		
11/01/2016	672	SUCCESSOR OPERATOR	/A/ YATES/EOG Y	
04/27/2017	654	AGRMT PRODUCING	/1/	
04/27/2017	658	MEMO OF 1ST PROD-ACTUAL	/1/30-025-42110	
04/27/2017	672	SUCCESSOR OPERATOR	EOG Y/EOG RES INC	
05/16/2017	643	PRODUCTION DETERMINATION	/1/	

Serial Number: NMNM-- - 135336

Line Number	Remark Text
0001	/A/ RECAPITULATION EFFECTIVE 03/20/2015
0002	TR# LEASE SERIAL NO AC COMMITTED % INTEREST
0003	1 NMNM 108970 80.00 50.00
0004	2 NMNM 110836 80.00 50.00
0005	TOTAL 160.00 100.00
0008	/A/NAME CHANGE YATES TO EOG Y EFFECTIVE 11/1/16.
0009	APRVD BY BLM STATE OFF LTR DATED 12/1/16 BY GBACA
	NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
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