

# Carlsbad Field Office OCD Hobbs

Form 3160-3  
(March 2012)

HOBBS OCD

FORM APPROVED  
OMB No. 1004-0137  
Expires October 31, 2014

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 06 2017

RECEIVED

## APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM121490
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator EOG RESOURCES INC (7377)		7. If Unit or CA Agreement, Name and No.
3a. Address 1111 Bagby Sky Lobby2 Houston TX 77002		8. Lease Name and Well No. COLGROVE 35 FED COM 706H (315730)
3b. Phone No. (include area code) (713)651-7000		9. API Well No. 30-025-43571 (98097)
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface LOT 2 / 302 FSL / 1960 FEL / LAT 32.0009631 / LONG -103.5404636 At proposed prod. zone NWNE / 230 FNL / 1650 FEL / LAT 32.0209363 / LONG -103.5394571		10. Field and Pool, or Exploratory RED HILLS / WC-025 S263327G
14. Distance in miles and direction from nearest town or post office* 22.5 miles		11. Sec., T. R. M. or Blk. and Survey or Area SEC 35 / T26S / R33E / NMP
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 230 feet		12. County or Parish LEA
16. No. of acres in lease 1305.2		13. State NM
17. Spacing Unit dedicated to this well 236.28		
18. Distance from proposed location* to nearest well, drilling, completed, 661 feet applied for, on this lease, ft.		
19. Proposed Depth 12465 feet / 19788 feet		20. BLM/BIA Bond No. on file FED: NM2308
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3327 feet		22. Approximate date work will start* 11/01/2016
		23. Estimated duration 25 days

### 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature (Electronic Submission)	Name (Printed/Typed) Stan Wagner / Ph: (432)686-3689	Date 07/25/2016
Title Regulatory Specialist		
Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) Cody Layton / Ph: (575)234-5959	Date 01/30/2017
Title Supervisor Multiple Resources HOBBS		

Application approval 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.  
Conditions of approval, if any, are attached.

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.

(Continued on page 2)

\*(Instructions on page 2)

APPROVED WITH CONDITIONS

KZ  
02/06/17



U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

## APD Print Report

01/31/2017

APD ID: 10400003301

Submission Date: 07/25/2016

Highlight  
All Changes

Operator Name: EOG RESOURCES INC

Federal/Indian APD: FED

Well Name: COLGROVE 35 FED COM

Well Number: 706H

Well Type: OIL WELL

Well Work Type: Drill

**HOBBS OCD**  
FEB 06 2017

Application

**RECEIVED**

### Section 1 - General

APD ID: 10400003301

Tie to previous NOS?

Submission Date: 07/25/2016

BLM Office: HOBBS

User: Stan Wagner

Title: Regulatory Specialist

Federal/Indian APD: FED

Is the first lease penetrated for production Federal or Indian? FED

Lease number: NMNM121490

Lease Acres: 1305.2

Surface access agreement in place?

Allotted?

Reservation:

Agreement in place? NO

Federal or Indian agreement:

Agreement number:

Agreement name:

Keep application confidential? YES

Permitting Agent? NO

APD Operator: EOG RESOURCES INC

Operator letter of designation:

Keep application confidential? YES

### Operator Info

Operator Organization Name: EOG RESOURCES INC

Operator Address: 1111 Bagby Sky Lobby2

Zip: 77002

Operator PO Box:

Operator City: Houston

State: TX

Operator Phone: (713)651-7000

Operator Internet Address:

### Section 2 - Well Information

Well in Master Development Plan? NO

Master Development Plan name:

Well in Master SUPO? NO

Master SUPO name:

Well in Master Drilling Plan? NO

Master Drilling Plan name:

**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**Well API Number:**

**Field/Pool or Exploratory?** Field and Pool

**Field Name:** RED HILLS

**Pool Name:** WC-025 S263327G

**Is the proposed well in an area containing other mineral resources?** NATURAL GAS,OIL

**Describe other minerals:**

**Is the proposed well in a Helium production area?** N

**Use Existing Well Pad?** NO

**New surface disturbance?**

**Type of Well Pad:** MULTIPLE WELL

**Multiple Well Pad Name:**

**Number:** 705H/706H

COLGROVE 35 FED COM

**Well Class:** HORIZONTAL

**Number of Legs:** 1

**Well Work Type:** Drill

**Well Type:** OIL WELL

**Describe Well Type:**

**Well sub-Type:** INFILL

**Describe sub-type:**

**Distance to town:** 22.5 Miles

**Distance to nearest well:** 661 FT

**Distance to lease line:** 230 FT

**Reservoir well spacing assigned acres Measurement:** 236.28 Acres

**Well plat:** Colgrove 35 Fed Com 706H Signed C-102\_08-01-2016.pdf

**Well work start Date:** 11/01/2016

**Duration:** 25 DAYS

### Section 3 - Well Location Table

**Survey Type:** RECTANGULAR

**Describe Survey Type:**

**Datum:** NAD27

**Vertical Datum:** NAVD88

**Survey number:**

**STATE:** NEW MEXICO

**Meridian:** NEW MEXICO PRINCIPAL **County:** LEA

**Latitude:** 32.0009631

**Longitude:** -103.5404636

**SHL**

**Elevation:** 3327

**MD:** 0

**TVD:** 0

**Leg #: 1**

**Lease Type:** FEDERAL

**Lease #:** NMNM121490

**NS-Foot:** 302

**NS Indicator:** FSL

**EW-Foot:** 1960

**EW Indicator:** FEL

**Twsp:** 26S

**Range:** 33E

**Section:** 35

**Aliquot:**

**Lot:** 2

**Tract:**



**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

	<b>STATE:</b> NEW MEXICO	<b>Meridian:</b> NEW MEXICO PRINCIPAL	<b>County:</b> LEA
	<b>Latitude:</b> 32.0002725	<b>Longitude:</b> -103.5395088	
KOP	<b>Elevation:</b> -8644	<b>MD:</b> 11981	<b>TVD:</b> 11971
<b>Leg #: 1</b>	<b>Lease Type:</b> FEDERAL	<b>Lease #:</b> NMNM121490	
	<b>NS-Foot:</b> 52	<b>NS Indicator:</b> FSL	
	<b>EW-Foot:</b> 1661	<b>EW Indicator:</b> FEL	
	<b>Twsp:</b> 26S	<b>Range:</b> 33E	<b>Section:</b> 35
	<b>Aliquot:</b>	<b>Lot:</b> 2	<b>Tract:</b>
	<b>STATE:</b> NEW MEXICO	<b>Meridian:</b> NEW MEXICO PRINCIPAL	<b>County:</b> LEA
	<b>Latitude:</b> 32.001041	<b>Longitude:</b> -103.5394459	
PPP	<b>Elevation:</b> -9095	<b>MD:</b> 12544	<b>TVD:</b> 12422
<b>Leg #: 1</b>	<b>Lease Type:</b> FEDERAL	<b>Lease #:</b> NMNM121490	
	<b>NS-Foot:</b> 330	<b>NS Indicator:</b> FSL	
	<b>EW-Foot:</b> 1644	<b>EW Indicator:</b> FEL	
	<b>Twsp:</b> 26S	<b>Range:</b> 33E	<b>Section:</b> 35
	<b>Aliquot:</b>	<b>Lot:</b> 2	<b>Tract:</b>
	<b>STATE:</b> NEW MEXICO	<b>Meridian:</b> NEW MEXICO PRINCIPAL	<b>County:</b> LEA
	<b>Latitude:</b> 32.0206614	<b>Longitude:</b> -103.5394569	
EXIT	<b>Elevation:</b> -9138	<b>MD:</b> 19688	<b>TVD:</b> 12465
<b>Leg #: 1</b>	<b>Lease Type:</b> FEDERAL	<b>Lease #:</b> NMNM121490	
	<b>NS-Foot:</b> 330	<b>NS Indicator:</b> FNL	
	<b>EW-Foot:</b> 1650	<b>EW Indicator:</b> FEL	
	<b>Twsp:</b> 26S	<b>Range:</b> 33E	<b>Section:</b> 26
	<b>Aliquot:</b> NWNE	<b>Lot:</b>	<b>Tract:</b>
	<b>STATE:</b> NEW MEXICO	<b>Meridian:</b> NEW MEXICO PRINCIPAL	<b>County:</b> LEA
	<b>Latitude:</b> 32.0209363	<b>Longitude:</b> -103.5394571	
BHL	<b>Elevation:</b> -9138	<b>MD:</b> 19788	<b>TVD:</b> 12465
<b>Leg #: 1</b>	<b>Lease Type:</b> FEDERAL	<b>Lease #:</b> NMNM121490	
	<b>NS-Foot:</b> 230	<b>NS Indicator:</b> FNL	
	<b>EW-Foot:</b> 1650	<b>EW Indicator:</b> FEL	



**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**Twsp:** 26S

**Range:** 33E

**Section:** 26

**Aliquot:** NWNE

**Lot:**

**Tract:**

## Drilling Plan

### Section 1 - Geologic Formations

**ID:** Surface formation

**Name:** RUSTLER

**Lithology(ies):**

ANHYDRITE

**Elevation:** 2507

**True Vertical Depth:** 820

**Measured Depth:** 820

**Mineral Resource(s):**

NONE

**Is this a producing formation?** N

**ID:** Formation 1

**Name:** TOP OF SALT

**Lithology(ies):**

SALT

**Elevation:** 2167

**True Vertical Depth:** 1160

**Measured Depth:** 1160

**Mineral Resource(s):**

NONE

**Is this a producing formation?** N

**ID:** Formation 2

**Name:** BASE OF SALT

**Lithology(ies):**

SALT

**Elevation:** -1453

**True Vertical Depth:** 4780

**Measured Depth:** 4780

**Mineral Resource(s):**

NONE

**Is this a producing formation?** N

**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**ID:** Formation 3

**Name:** LAMAR LS

**Lithology(ies):**

LIMESTONE

**Elevation:** -1703

**True Vertical Depth:** 5030

**Measured Depth:** 5030

**Mineral Resource(s):**

NONE

**Is this a producing formation?** N

**ID:** Formation 4

**Name:** BELL CANYON

**Lithology(ies):**

SANDSTONE

**Elevation:** -1733

**True Vertical Depth:** 5060

**Measured Depth:** 5060

**Mineral Resource(s):**

NATURAL GAS

OIL

**Is this a producing formation?** Y

**ID:** Formation 5

**Name:** CHERRY CANYON

**Lithology(ies):**

SANDSTONE

**Elevation:** -2758

**True Vertical Depth:** 6085

**Measured Depth:** 6085

**Mineral Resource(s):**

NATURAL GAS

OIL

**Is this a producing formation?** Y

**ID:** Formation 6

**Name:** BRUSHY CANYON

**Lithology(ies):**

SANDSTONE

**Elevation:** -4433

**True Vertical Depth:** 7760

**Measured Depth:** 7760

**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**Mineral Resource(s):**

NATURAL GAS

OIL

**Is this a producing formation?** Y

**ID:** Formation 7

**Name:** BONE SPRING LIME

**Lithology(ies):**

LIMESTONE

**Elevation:** -5918

**True Vertical Depth:** 9245

**Measured Depth:** 9245

**Mineral Resource(s):**

NONE

**Is this a producing formation?** N

**ID:** Formation 8

**Name:** BONE SPRING 1ST

**Lithology(ies):**

SANDSTONE

**Elevation:** -6848

**True Vertical Depth:** 10175

**Measured Depth:** 10175

**Mineral Resource(s):**

NATURAL GAS

OIL

**Is this a producing formation?** Y

**ID:** Formation 9

**Name:** BONE SPRING 2ND

**Lithology(ies):**

SANDSTONE

**Elevation:** -7353

**True Vertical Depth:** 10680

**Measured Depth:** 10680

**Mineral Resource(s):**

NATURAL GAS

OIL

**Is this a producing formation?** Y



**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**ID:** Formation 10

**Name:** BONE SPRING 3RD

**Lithology(ies):**

SANDSTONE

**Elevation:** -8433

**True Vertical Depth:** 11760

**Measured Depth:** 11760

**Mineral Resource(s):**

NATURAL GAS

OIL

**Is this a producing formation?** Y

**ID:** Formation 11

**Name:** WOLFCAMP

**Lithology(ies):**

SHALE

**Elevation:** -8898

**True Vertical Depth:** 12225

**Measured Depth:** 12225

**Mineral Resource(s):**

NATURAL GAS

OIL

**Is this a producing formation?** Y

## Section 2 - Blowout Prevention

**Pressure Rating (PSI):** 5M

**Rating Depth:** 12465

**Equipment:** The minimum blowout preventer equipment (BOPE) shown in Exhibit #1 will consist of a single ram, mud cross and double ram-type (10,000 psi WP) preventer and an annular preventer (5000-psi WP). Both units will be hydraulically operated and the ram-type will be equipped with blind rams on bottom and drill pipe rams on top. All BOPE will be tested in accordance with Onshore Oil and Gas order No. 2.

**Requesting Variance?** YES

**Variance request:** Variance is requested to use a co-flex line between the BOP and choke manifold (instead of using a 4" OD steel line). Variance is requested to waive the centralizer requirements for the 7-5/8" FJ casing in the 8-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" hole interval to maximize cement bond and zonal isolation. Variance is also requested to waive any centralizer requirements for the 5-1/2" FJ casing in the 6-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

**Testing Procedure:** Before drilling out of the surface casing, the ram-type BOP and accessory equipment will be tested to 5000/ 250 psig and the annular preventer to 3500/ 250 psig. The surface casing will be tested to 1500 psi for 30 minutes. Before drilling out of the intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000/ 250 psig and the annular preventer to 3500/ 250 psig. The intermediate casing will be tested to 2000 psi for 30 minutes. Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. A hydraulically operated choke will be installed prior to drilling out of the intermediate casing shoe.

**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**Choke Diagram Attachment:**

5 M Choke Manifold Diagram (3-21-14)\_06-02-2016.pdf

**BOP Diagram Attachment:**

5 M BOP Diagram (8-14-14)\_06-02-2016.pdf

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### Section 3 - Casing

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**String Type:** INTERMEDIATE

**Other String Type:**

**Hole Size:** 8.75

**Top setting depth MD:** 0

**Top setting depth TVD:** 0

**Top setting depth MSL:** 3327

**Bottom setting depth MD:** 11300

**Bottom setting depth TVD:** 11300

**Bottom setting depth MSL:** -7973

**Calculated casing length MD:** 11300

**Casing Size:** 7.625

**Other Size**

**Grade:** HCP-110

**Other Grade:**

**Weight:** 29.7

**Joint Type:** OTHER

**Other Joint Type:** Flushmax III

**Condition:** NEW

**Inspection Document:**

**Standard:** API

**Spec Document:**

**Tapered String?:** N

**Tapered String Spec:**

### Safety Factors

**Collapse Design Safety Factor:** 1.125

**Burst Design Safety Factor:** 1.25

**Joint Tensile Design Safety Factor type:** BUOYANT

**Joint Tensile Design Safety Factor:** 1.6

**Body Tensile Design Safety Factor type:** BUOYANT

**Body Tensile Design Safety Factor:** 1.6

**Casing Design Assumptions and Worksheet(s):**

Colgrove 35 Fed Com 706H BLM Plan\_08-11-2016.pdf

Operator Name: EOG RESOURCES INC

Well Name: COLGROVE 35 FED COM

Well Number: 706H

String Type: PRODUCTION

Other String Type:

Hole Size: 6.75

Top setting depth MD: 0

Top setting depth TVD: 0

Top setting depth MSL: 3327

Bottom setting depth MD: 10800

Bottom setting depth TVD: 10800

Bottom setting depth MSL: -7473

Calculated casing length MD: 10800

Casing Size: 5.5

Other Size

Grade: HCP-110

Other Grade:

Weight: 23

Joint Type: OTHER

Other Joint Type: VAM TOP HT

Condition: NEW

Inspection Document:

Standard: API

Spec Document:

Tapered String?: N

Tapered String Spec:

### Safety Factors

Collapse Design Safety Factor: 1.125

Burst Design Safety Factor: 1.25

Joint Tensile Design Safety Factor type: BUOYANT

Joint Tensile Design Safety Factor: 1.6

Body Tensile Design Safety Factor type: BUOYANT

Body Tensile Design Safety Factor: 1.6

Casing Design Assumptions and Worksheet(s):

Colgrove 35 Fed Com 706H BLM Plan\_08-11-2016.pdf



**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**String Type:** SURFACE

**Other String Type:**

**Hole Size:** 14.75

**Top setting depth MD:** 0

**Top setting depth TVD:** 0

**Top setting depth MSL:**

**Bottom setting depth MD:** 845

**Bottom setting depth TVD:** 845

**Bottom setting depth MSL:** 2482

**Calculated casing length MD:** 845

**Casing Size:** 10.75

**Other Size**

**Grade:** J-55

**Other Grade:**

**Weight:** 40.5

**Joint Type:** STC

**Other Joint Type:**

**Condition:** NEW

**Inspection Document:**

**Standard:** API

**Spec Document:**

**Tapered String?:** N

**Tapered String Spec:**

### **Safety Factors**

**Collapse Design Safety Factor:** 1.125

**Burst Design Safety Factor:** 1.25

**Joint Tensile Design Safety Factor type:** BUOYANT

**Joint Tensile Design Safety Factor:** 1.6

**Body Tensile Design Safety Factor type:** BUOYANT

**Body Tensile Design Safety Factor:** 1.6

**Casing Design Assumptions and Worksheet(s):**

Colgrove 35 Fed Com 706H BLM Plan\_08-11-2016.pdf

Operator Name: EOG RESOURCES INC

Well Name: COLGROVE 35 FED COM

Well Number: 706H

String Type: PRODUCTION

Other String Type:

Hole Size: 6.75

Top setting depth MD: 10800

Top setting depth TVD: 10800

Top setting depth MSL: -7473

Bottom setting depth MD: 19788

Bottom setting depth TVD: 12465

Bottom setting depth MSL: -9138

Calculated casing length MD: 8988

Casing Size: 5.5

Other Size

Grade: HCP-110

Other Grade:

Weight: 23

Joint Type: OTHER

Other Joint Type: VAM SG

Condition: NEW

Inspection Document:

Standard: API

Spec Document:

Tapered String?: N

Tapered String Spec:

### Safety Factors

Collapse Design Safety Factor: 1.125

Burst Design Safety Factor: 1.25

Joint Tensile Design Safety Factor type: BUOYANT

Joint Tensile Design Safety Factor: 1.6

Body Tensile Design Safety Factor type: BUOYANT

Body Tensile Design Safety Factor: 1.6

Casing Design Assumptions and Worksheet(s):

Colgrove 35 Fed Com 706H BLM Plan\_08-11-2016.pdf

### Section 4 - Cement

Casing String Type: SURFACE

Operator Name: EOG RESOURCES INC

Well Name: COLGROVE 35 FED COM

Well Number: 706H

**Stage Tool Depth:**

Lead

Top MD of Segment: 0	Bottom MD Segment: 845	Cement Type: Class C
Additives: Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl <sub>2</sub> + 0.25 lb/sk Cello-Flake (TOC @ Surface)	Quantity (sks): 325	Yield (cu.ff./sk): 1.73
Density: 13.5	Volume (cu.ft.): 562	Percent Excess: 25

Tail

Top MD of Segment: 845	Bottom MD Segment: 845	Cement Type: Class C
Additives: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate	Quantity (sks): 200	Yield (cu.ff./sk): 1.34
Density: 14.8	Volume (cu.ft.): 268	Percent Excess: 25

Casing String Type: INTERMEDIATE

**Stage Tool Depth:**

Lead

Top MD of Segment: 0	Bottom MD Segment: 11300	Cement Type: Class C
Additives: Class C + 5% Gypsum + 3% CaCl <sub>2</sub>	Quantity (sks): 2250	Yield (cu.ff./sk): 1.38
Density: 14.8	Volume (cu.ft.): 3105	Percent Excess: 25

Tail

Top MD of Segment: 11300	Bottom MD Segment: 11300	Cement Type: Class H
Additives: 50:50 Class H:Poz + 0.25% CPT20A + 0.40% CPT49 + 0.20% CPT35 + 0.80% CPT16A + 0.25% CPT503P	Quantity (sks): 550	Yield (cu.ff./sk): 1.2
Density: 14.4	Volume (cu.ft.): 660	Percent Excess: 25

Casing String Type: PRODUCTION

**Stage Tool Depth:**

Lead

Top MD of Segment: 10800	Bottom MD Segment: 19788	Cement Type: Class H
Additives: Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 10,800')	Quantity (sks): 725	Yield (cu.ff./sk): 1.26
Density: 14.1	Volume (cu.ft.): 913	Percent Excess: 25



Operator Name: EOG RESOURCES INC

Well Name: COLGROVE 35 FED COM

Well Number: 706H

Stage Tool Depth:

Lead

Top MD of Segment: 10800

Bottom MD Segment: 19788

Cement Type: Class H

Additives: Class H + 0.1% C-20 +  
0.05% CSA-1000 + 0.20% C-49 +  
0.40% C-17 (TOC @ 10,800')

Quantity (sks): 725

Yield (cu.ff./sk): 1.26

Volume (cu.ft.): 913

Percent Excess: 25

Density: 14.1

### Section 5 - Circulating Medium

Mud System Type: Closed

Will an air or gas system be Used? NO

Description of the equipment for the circulating system in accordance with Onshore Order #2:

Diagram of the equipment for the circulating system in accordance with Onshore Order #2:

Describe what will be on location to control well or mitigate other conditions: (A) A Kelly cock will be kept in the drill string at all times. (B) A full opening drill pipe-stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times. (C) H2S monitoring and detection equipment will be utilized from surface casing point to TD.

Describe the mud monitoring system utilized: An electronic pit volume totalizer (PVT) will be utilized on the circulating system to monitor pit volume, flow rate, pump pressure and stroke rate.

### Circulating Medium Table

Top Depth: 845

Bottom Depth: 11300

Mud Type: SALT SATURATED

Min Weight (lbs./gal.): 8.8

Max Weight (lbs./gal.): 10

Density (lbs/cu.ft.):

Gel Strength (lbs/100 sq.ft.):

PH:

Viscosity (CP):

Filtration (cc):

Salinity (ppm):

Additional Characteristics:

Top Depth: 11300

Bottom Depth: 19788

Mud Type: OIL-BASED MUD

Min Weight (lbs./gal.): 10

Max Weight (lbs./gal.): 11.5

Density (lbs/cu.ft.):

Gel Strength (lbs/100 sq.ft.):

PH:

Viscosity (CP):

Filtration (cc):

Salinity (ppm):

Additional Characteristics:

**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**Top Depth:** 0

**Bottom Depth:** 845

**Mud Type:** WATER-BASED MUD

**Min Weight (lbs./gal.):** 8.6

**Max Weight (lbs./gal.):** 8.8

**Density (lbs/cu.ft.):**

**Gel Strength (lbs/100 sq.ft.):**

**PH:**

**Viscosity (CP):**

**Filtration (cc):**

**Salinity (ppm):**

**Additional Characteristics:**

### Section 6 - Test, Logging, Coring

**List of production tests including testing procedures, equipment and safety measures:**

Open-hole logs are not planned for this well.

**List of open and cased hole logs run in the well:**

DS

**Coring operation description for the well:**

None

### Section 7 - Pressure

**Anticipated Bottom Hole Pressure:** 7454

**Anticipated Surface Pressure:** 7454

**Anticipated Bottom Hole Temperature(F):** 182

**Anticipated abnormal pressures, temperatures, or potential geologic hazards?** NO

**Describe:**

**Contingency Plans geohazards description:**

**Contingency Plans geohazards attachment:**

**Hydrogen Sulfide drilling operations plan required?** YES

**Hydrogen sulfide drilling operations plan:**

Colgrove 35 Fed Com 706H H2S Plan Summary\_07-21-2016.pdf

**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

## Section 8 - Other Information

### Proposed horizontal/directional/multi-lateral plan submission:

Colgrove 35 Fed Com 706H Planning Report\_07-21-2016.pdf

### Other proposed operations facets description:

### Other proposed operations facets attachment:

Co-Flex Hose Test Chart\_06-03-2016.pdf

Co-Flex Hose Certification\_06-03-2016.PDF

Endurance 36 State Com 707H Well Site Diagram\_06-03-2016.pdf

Endurance 36 State Com 707H BLM Drill Plan\_07-12-2016.pdf

Endurance 36 State Com 707H Proposed Wellbore\_07-12-2016.pdf

7.625 29.70lb P-110 FlushMax III Spec Sheet\_07-21-2016.pdf

CDS\_5.500\_23.00lb\_P110\_VAMÃ@ TOP HT\_07-21-2016.pdf

5.5 23lb HCP-110 VAM Top HT\_07-21-2016.pdf

Colgrove 35 Fed Com 706H Proposed Wellbore\_07-21-2016.pdf

Colgrove 35 Fed Com 706H BLM Plan\_07-21-2016.pdf

Colgrove 35 Fed Com 706H Well Site Diagram\_07-21-2016.pdf

Colgrove 35 Fed Com 706H Proposed Wellbore\_07-21-2016.pdf

Colgrove 35 Fed Com 706H BLM Plan\_07-21-2016.pdf

Colgrove 35 Fed Com 706H Well Site Diagram\_07-21-2016.pdf

Colgrove 35 Fed Com 706H BLM Plan\_07-21-2016.pdf

Colgrove 35 Fed Com 706H BLM Plan\_07-21-2016.pdf

Colgrove 35 Fed Com 706H BLM Plan\_07-21-2016.pdf

### Other Variance attachment:

SUPO



Operator Name: EOG RESOURCES INC

Well Name: COLGROVE 35 FED COM

Well Number: 706H

## Section 1 - Existing Roads

Will existing roads be used? YES

Existing Road Map:

Colgrove 35 Fed Com 706H exhibit 2\_07-18-2016.pdf

Existing Road Purpose: ACCESS, FLUID TRANSPORT

Row(s) Exist? NO

ROW ID(s)

ID:

Do the existing roads need to be improved? NO

Existing Road Improvement Description:

Existing Road Improvement Attachment:

## Section 2 - New or Reconstructed Access Roads

Will new roads be needed? YES

New Road Map:

Colgrove 35 Fed Com 706H exhibit 2B\_07-18-2016.pdf

New road type: RESOURCE

Length: 3428 Feet

Width (ft.): 24

Max slope (%): 2

Max grade (%): 20

Army Corp of Engineers (ACOE) permit required? NO

ACOE Permit Number(s):

New road travel width: 24

**New road access erosion control:** Newly constructed or reconstructed roads will be constructed as outlined in the BLM "Gold Book" and to meet the standards of the anticipated traffic flow and all anticipated weather requirements as needed. Construction will include ditching, draining, crowning and capping or sloping and dipping the roadbed as necessary to provide a well-constructed and safe road. We plan to grade and water twice a year.

**New road access plan or profile prepared?** NO

**New road access plan attachment:**

**Access road engineering design?** NO

**Access road engineering design attachment:**

**Access surfacing type:** OTHER

**Access topsoil source:** ONSITE

**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**Access surfacing type description:** 6" of Compacted Caliche

**Access onsite topsoil source depth:** 6

**Offsite topsoil source description:**

**Onsite topsoil removal process:** An adequate amount of topsoil/root zone will be stripped by dozer from the proposed well location and stockpiled along the side of the well location as depicted on the well site diagram / survey plat.

**Access other construction information:**

**Access miscellaneous information:**

**Number of access turnouts:**

**Access turnout map:**

### Drainage Control

**New road drainage crossing:** OTHER

**Drainage Control comments:** No drainage crossings

**Road Drainage Control Structures (DCS) description:** N/A

**Road Drainage Control Structures (DCS) attachment:**

### Access Additional Attachments

**Additional Attachment(s):**

### Section 3 - Location of Existing Wells

**Existing Wells Map?** YES

**Attach Well map:**

Colgrove 35 Fed Com 706H exhibit 3\_07-18-2016.pdf

**Existing Wells description:**

### Section 4 - Location of Existing and/or Proposed Production Facilities

**Submit or defer a Proposed Production Facilities plan?** SUBMIT

**Estimated Production Facilities description:**

**Production Facilities description:**

**Production Facilities map:**

SK\_COLGROVE\_EXHIBIT5\_REV2\_07-18-2016.pdf

Colgrove 35 Fed Com PL\_07-18-2016.pdf

### Section 5 - Location and Types of Water Supply

#### Water Source Table

**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**Water source use type:** OTHER

**Water source type:** RECYCLED

**Describe type:**

**Source latitude:**

**Source longitude:**

**Source datum:**

**Water source permit type:** WATER RIGHT

**Source land ownership:** STATE

**Water source transport method:** PIPELINE,TRUCKING

**Source transportation land ownership:** STATE

**Water source volume (barrels):** 720000

**Source volume (acre-feet):** 92.80303

**Source volume (gal):** 30240000

**Water source and transportation map:**

Colgrove 35 Fed Com Water Source Map\_08-11-2016.docx

**Water source comments:** We plan to use 4, 4-inch poly lines from the frac pond to location for drilling. 1, 12-inch lay flat hose from the pond to location for frac.

**New water well?** NO

### New Water Well Info

**Well latitude:**

**Well Longitude:**

**Well datum:**

**Well target aquifer:**

**Est. depth to top of aquifer(ft):**

**Est thickness of aquifer:**

**Aquifer comments:**

**Aquifer documentation:**

**Well depth (ft):**

**Well casing type:**

**Well casing outside diameter (in.):**

**Well casing inside diameter (in.):**

**New water well casing?**

**Used casing source:**

**Drilling method:**

**Drill material:**

**Grout material:**

**Grout depth:**

**Casing length (ft.):**

**Casing top depth (ft.):**

**Well Production type:**

**Completion Method:**

**Water well additional information:**

**State appropriation permit:**

**Additional information attachment:**

Operator Name: EOG RESOURCES INC

Well Name: COLGROVE 35 FED COM

Well Number: 706H

## Section 6 - Construction Materials

**Construction Materials description:** Caliche utilized for the drilling pad will be obtained either from an existing approved mineral pit, or by benching into a hill, which will allow the pad to be level with existing caliche from the cut, or extracted by "Flipping" the well location. A mineral material permit will be obtained from BLM prior to excavating any caliche on Federal Lands. Amount will vary for each pad.

**Construction Materials source location attachment:**

Caliche Map\_07-12-2016.docx

## Section 7 - Methods for Handling Waste

**Waste type:** DRILLING

**Waste content description:** Drill fluids and produced oil and water from the well during drilling and completion operations will be stored safely and disposed of properly in an NMOCD approved disposal facility. Garbage and trash produced during drilling and completion operations will be collected in a trash container and disposed of properly. Human waste and grey water will be properly contained of and disposed of properly. After drilling and completion operations; trash, chemicals, salts, frac sand, and other waste material will be removed and disposed of properly at a state approved disposal facility.

**Amount of waste:** 0 barrels

**Waste disposal frequency :** Daily

**Safe containment description:** Steel Tanks

**Safe containmant attachment:**

**Waste disposal type:** HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** COMMERCIAL

**Disposal type description:**

**Disposal location description:** Trucked to NMOCD approved disposal facility

## Reserve Pit

**Reserve Pit being used?** NO

**Temporary disposal of produced water into reserve pit?**

**Reserve pit length (ft.)** **Reserve pit width (ft.)**

**Reserve pit depth (ft.)** **Reserve pit volume (cu. yd.)**

**Is at least 50% of the reserve pit in cut?**

**Reserve pit liner**

**Reserve pit liner specifications and installation description**

## Cuttings Area

**Cuttings Area being used?** NO

**Are you storing cuttings on location?** YES



Operator Name: EOG RESOURCES INC

Well Name: COLGROVE 35 FED COM

Well Number: 706H

**Description of cuttings location** Closed Loop System. Drill cuttings will be disposed of into steel tanks and taken to an NMOCD approved disposal facility.

**Cuttings area length (ft.)**

**Cuttings area width (ft.)**

**Cuttings area depth (ft.)**

**Cuttings area volume (cu. yd.)**

**Is at least 50% of the cuttings area in cut?**

**WCuttings area liner**

**Cuttings area liner specifications and installation description**

## Section 8 - Ancillary Facilities

**Are you requesting any Ancillary Facilities?:** NO

**Ancillary Facilities attachment:**

**Comments:**

## Section 9 - Well Site Layout

**Well Site Layout Diagram:**

Colgrove 35 Fed Com 706H exhibit 2A\_07-18-2016.pdf

Colgrove 35 Fed Com 706H exhibit 2B\_07-18-2016.pdf

**Comments:** Exhibit 2A & Exhibit 2B

## Section 10 - Plans for Surface Reclamation

**Type of disturbance:** NEW

**Recontouring attachment:**

**Drainage/Erosion control construction:** Proper erosion control methods will be used on the area to control erosion, runoff, and siltation of the surrounding area.

**Drainage/Erosion control reclamation:** The interim reclamation will be monitored periodically to ensure that vegetation has reestablished and that erosion is controlled.

**Wellpad long term disturbance (acres):** 3.122

**Wellpad short term disturbance (acres):** 4.029

**Access road long term disturbance (acres):** 1.8887

**Access road short term disturbance (acres):** 1.8887

**Pipeline long term disturbance (acres):** 1.2692838

**Pipeline short term disturbance (acres):** 2.1154728

**Other long term disturbance (acres):** 0

**Other short term disturbance (acres):** 0

**Total long term disturbance:** 6.2799835

**Total short term disturbance:** 8.033173

**Reconstruction method:** In areas planned for interim reclamation, all the surfacing material will be removed and returned to the original mineral pit or recycled to repair or build roads and well pads. Areas planned for interim reclamation will be recontoured to the original contour if feasible, or if not feasible, to an interim contour that blends with the surrounding topography as much as possible. Where applicable, the fill material of the well pad will be backfilled into the cut to bring the area back to the original contour. The interim cut and fill slopes prior to re-seeding will not be steeper than a 3:1 ratio, unless the adjacent native topography is steeper. Note: Constructed slopes may be much steeper during drilling, but will be recontoured to the above ratios during interim reclamation.

**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**Topsoil redistribution:** Topsoil will be evenly respread and aggressively revegetated over the entire disturbed area not needed for all-weather operations including cuts and fills. To seed the area, the proper BLM seed mixture, free of noxious weeds, will be used. Final seedbed preparation will consist of contour cultivating to a depth of 4 to 6 inches within 24 hours prior to seeding, dozer tracking, or other imprinting in order to break the soil crust and create seed germination micro-sites.

**Soil treatment:** Re-seed according to BLM standards. All reclaimed areas will be monitored periodically to ensure that revegetation occurs, that the area is not redisturbed, and that erosion is controlled.

**Existing Vegetation at the well pad:** Grass, forbs, and small woody vegetation, such as mesquite will be excavated as the topsoil is removed. Large woody vegetation will be stripped and stored separately and respreads evenly on the site following topsoil resspreading. Topsoil depth is defined as the top layer of soil that contains 80% of the roots. In areas to be heavily disturbed, the top 6 inches of soil material, will be stripped and stockpiled on the perimeter of the well location and along the perimeter of the access road to control run-on and run-off, to keep topsoil viable, and to make redistribution of topsoil more efficient during interim reclamation. Stockpiled topsoil should include vegetative material. Topsoil will be clearly segregated and stored separately from subsoils.

**Existing Vegetation at the well pad attachment:**

Colgrove 35 Fed Com 706H exhibit 2B\_07-18-2016.pdf

**Existing Vegetation Community at the road:** All disturbed areas, including roads, pipelines, pads, will be recontoured to the contour existing prior to the initial construction or a contour that blends indistinguishably with the surrounding landscape. Topsoil that was spread over the interim reclamation areas will be stockpiled prior to recontouring. The topsoil will be redistributed evenly over the entire disturbed site to ensure successful revegetation.

**Existing Vegetation Community at the road attachment:**

**Existing Vegetation Community at the pipeline:** All disturbed areas, including roads, pipelines, pads, will be recontoured to the contour existing prior to the initial construction or a contour that blends indistinguishably with the surrounding landscape. Topsoil that was spread over the interim reclamation areas will be stockpiled prior to recontouring. The topsoil will be redistributed evenly over the entire disturbed site to ensure successful revegetation.

**Existing Vegetation Community at the pipeline attachment:**

**Existing Vegetation Community at other disturbances:** All disturbed areas, including roads, pipelines, pads, will be recontoured to the contour existing prior to the initial construction or a contour that blends indistinguishably with the surrounding landscape. Topsoil that was spread over the interim reclamation areas will be stockpiled prior to recontouring. The topsoil will be redistributed evenly over the entire disturbed site to ensure successful revegetation.

**Existing Vegetation Community at other disturbances attachment:**

**Non native seed used?** NO

**Non native seed description:**

**Seedling transplant description:**

**Will seedlings be transplanted for this project?** NO

**Seedling transplant description attachment:**

**Will seed be harvested for use in site reclamation?** NO

**Seed harvest description:**

**Seed harvest description attachment:**

## Seed Management

### Seed Table



**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**Seed type:**

**Seed source:**

**Seed name:**

**Source name:**

**Source address:**

**Source phone:**

**Seed cultivar:**

**Seed use location:**

**PLS pounds per acre:**

**Proposed seeding season:**

### Seed Summary

**Total pounds/Acre:**

**Seed Type**

**Pounds/Acre**

**Seed reclamation attachment:**

### Operator Contact/Responsible Official Contact Info

**First Name:** Stan

**Last Name:** Wagner

**Phone:** (432)686-3689

**Email:** stan\_wagner@eogresources.com

**Seedbed prep:**

**Seed BMP:**

**Seed method:**

**Existing invasive species?** NO

**Existing invasive species treatment description:**

**Existing invasive species treatment attachment:**

**Weed treatment plan description:** All reclaimed areas will be monitored periodically to ensure that revegetation occurs, that the area is not redisturbed, erosion is controlled, and free of noxious weeds. Weeds will be treated if found.

**Weed treatment plan attachment:**

**Monitoring plan description:** Reclamation will be completed within 6 months of well plugging. All reclaimed areas will be monitored periodically to ensure that revegetation occurs, that the area is not redisturbed, erosion is controlled, and free of noxious weeds.

**Monitoring plan attachment:**

**Success standards:** N/A

**Pit closure description:** NA

**Pit closure attachment:**

### Section 11 - Surface Ownership

**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**Disturbance type:** WELL PAD

**Describe:**

**Surface Owner:** PRIVATE OWNERSHIP

**Other surface owner description:**

**BIA Local Office:**

**BOR Local Office:**

**COE Local Office:**

**DOD Local Office:**

**NPS Local Office:**

**State Local Office:**

**Military Local Office:**

**USFWS Local Office:**

**Other Local Office:**

**USFS Region:**

**USFS Forest/Grassland:**

**USFS Ranger District:**

**Fee Owner:** Oliver Kiehne

**Fee Owner Address:** P.O. Box 135 Orla, TX 79770

**Phone:** (575)399-9281

**Email:**

**Surface use plan certification:** NO

**Surface use plan certification document:**

**Surface access agreement or bond:** Agreement

**Surface Access Agreement Need description:** Surface use agreement in place.

**Surface Access Bond BLM or Forest Service:**

**BLM Surface Access Bond number:**

**USFS Surface access bond number:**

## Section 12 - Other Information

**Right of Way needed?** NO

**Use APD as ROW?**

**ROW Type(s):**

## ROW Applications



**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**SUPO Additional Information:** OnSite meeting conducted 4/26/16

**Use a previously conducted onsite?** NO

**Previous Onsite information:**

### **Other SUPO Attachment**

Colgrove 35 Fed Com 706H exhibit 2C\_07-21-2016.pdf

Colgrove 35 Fed Com 706H L&E\_07-21-2016.pdf

Colgrove 35 Fed Com 706H exhibit 2B\_07-21-2016.pdf

Colgrove 35 Fed Com #706H Well Site Diagram\_07-21-2016.xls

Colgrove 35 Fed Com 706H deficiency letter \_08-11-2016.pdf

PWD

### **Section 1 - General**

**Would you like to address long-term produced water disposal?** NO

### **Section 2 - Lined Pits**

**Would you like to utilize Lined Pit PWD options?** NO

**Produced Water Disposal (PWD) Location:**

**PWD surface owner:**

**PWD disturbance (acres):**

**Lined pit PWD on or off channel:**

**Lined pit PWD discharge volume (bbl/day):**

**Lined pit specifications:**

**Pit liner description:**

**Pit liner manufacturers information:**

**Precipitated solids disposal:**

Operator Name: EOG RESOURCES INC

Well Name: COLGROVE 35 FED COM

Well Number: 706H

Describe precipitated solids disposal:

Precipitated solids disposal permit:

Lined pit precipitated solids disposal schedule:

Lined pit precipitated solids disposal schedule attachment:

Lined pit reclamation description:

Lined pit reclamation attachment:

Leak detection system description:

Leak detection system attachment:

Lined pit Monitor description:

Lined pit Monitor attachment:

Lined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Lined pit bond number:

Lined pit bond amount:

Additional bond information attachment:

### Section 3 - Unlined Pits

Would you like to utilize Unlined Pit PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Unlined pit PWD on or off channel:

Unlined pit PWD discharge volume (bbl/day):

Unlined pit specifications:

Precipitated solids disposal:

Describe precipitated solids disposal:

Precipitated solids disposal permit:

Unlined pit precipitated solids disposal schedule:

Unlined pit precipitated solids disposal schedule attachment:

Unlined pit reclamation description:

Unlined pit reclamation attachment:

Unlined pit Monitor description:

Unlined pit Monitor attachment:

Do you propose to put the produced water to beneficial use?

Beneficial use user confirmation:

Operator Name: EOG RESOURCES INC

Well Name: COLGROVE 35 FED COM

Well Number: 706H

Estimated depth of the shallowest aquifer (feet):

Does the produced water have an annual average Total Dissolved Solids (TDS) concentration equal to or less than that of the existing water to be protected?

TDS lab results:

Geologic and hydrologic evidence:

State authorization:

Unlined Produced Water Pit Estimated percolation:

Unlined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Unlined pit bond number:

Unlined pit bond amount:

Additional bond information attachment:

#### Section 4 - Injection

Would you like to utilize Injection PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Injection PWD discharge volume (bbl/day):

Injection well mineral owner:

Injection well type:

Injection well number:

Injection well name:

Assigned injection well API number?

Injection well API number:

Injection well new surface disturbance (acres):

Minerals protection information:

Mineral protection attachment:

Underground Injection Control (UIC) Permit?

UIC Permit attachment:

#### Section 5 - Surface Discharge

Would you like to utilize Surface Discharge PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Surface discharge PWD discharge volume (bbl/day):

Surface Discharge NPDES Permit?

Surface Discharge NPDES Permit attachment:

**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

**Surface Discharge site facilities information:**

**Surface discharge site facilities map:**

### Section 6 - Other

**Would you like to utilize Other PWD options?** NO

**Produced Water Disposal (PWD) Location:**

**PWD surface owner:**

**PWD disturbance (acres):**

**Other PWD discharge volume (bbl/day):**

**Other PWD type description:**

**Other PWD type attachment:**

**Have other regulatory requirements been met?**

**Other regulatory requirements attachment:**

### Bond Info

#### Bond Information

**Federal/Indian APD:** FED

**BLM Bond number:** NM2308

**BIA Bond number:**

**Do you have a reclamation bond?** NO

**Is the reclamation bond a rider under the BLM bond?**

**Is the reclamation bond BLM or Forest Service?**

**BLM reclamation bond number:**

**Forest Service reclamation bond number:**

**Forest Service reclamation bond attachment:**

**Reclamation bond number:**

**Reclamation bond amount:**

**Reclamation bond rider amount:**

**Additional reclamation bond information attachment:**

### Operator Certification



**Operator Name:** EOG RESOURCES INC

**Well Name:** COLGROVE 35 FED COM

**Well Number:** 706H

### Operator Certification

*I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.*

**NAME:** Stan Wagner

**Signed on:** 07/25/2016

**Title:** Regulatory Specialsit

**Street Address:** 5509 Champions Drive

**City:** Midland

**State:** TX

**Zip:** 79702

**Phone:** (432)686-3689

**Email address:** Stan\_Wagner@eogresources.com

### Field Representative

**Representative Name:** James Barwis

**Street Address:** 5509 Champions Drive

**City:** Midland

**State:** TX

**Zip:** 79706

**Phone:** (432)425-1204

**Email address:** james\_barwis@eogresources.com

### Payment Info

#### Payment

**APD Fee Payment Method:** BLM DIRECT

**CBS Receipt number:** 3613136