

API NUMBER: 087 22300 A

OKLAHOMA CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
P.O. BOX 52000  
OKLAHOMA CITY, OK 73152-2000  
(Rule 165:10-3-1)

Approval Date: 11/06/2020

Expiration Date: 05/06/2022

Multi Unit Oil & Gas

Amend reason: MOVE SHL, CHANGE FOOTAGE AND  
LAT/LONGS, CHANGE GROUND ELEVATION

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 16 Township: 7N Range: 4W County: MCCLAIN

SPOT LOCATION: SE NE SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 732 1500

Lease Name: COLE FARMS 0916 Well No: 4H Well will be 732 feet from nearest unit or lease boundary.

Operator Name: EOG RESOURCES INC Telephone: 4052463224 OTC/OCC Number: 16231 0

EOG RESOURCES INC  
14701 HERTZ QUAIL SPRINGS PKWY  
OKLAHOMA CITY, OK 73134-2646

CAROLYN HILL  
PO BOX 345  
DIBBLE OK 73031

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	9940
2	WOODFORD	319WDFD	10170
3	HUNTON	269HNTN	10320

Spacing Orders: 673630  
676420  
708058

Location Exception Orders: 707966

Increased Density Orders: 707887  
707888

Pending CD Numbers: No Pending

Working interest owners' notified: \*\*\*

Special Orders: No Special Orders

Total Depth: 21670 Ground Elevation: 1265

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 420

Deep surface casing has been approved

Under Federal Jurisdiction: No  
Fresh Water Supply Well Drilled: No  
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)		PERMIT NO: 20-37444
E. Haul to Commercial pit facility	Sec. 31 Twn. 12N Rng. 8W Cnty. 17	Order No: 587498
H. (Other)	SEE MEMO	
G. Haul to recycling/re-use facility	Sec. 36 Twn. 5N Rng. 11W Cnty. 15	Order No: 705674

**PIT 1 INFORMATION**

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: DUNCAN

**PIT 2 INFORMATION**

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: DUNCAN

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

## MULTI UNIT HOLE 1

Section: 9	Township: 7N	Range: 4W	Meridian: IM	Total Length: 10252
County: MCCLAIN				Measured Total Depth: 21670
Spot Location of End Point: NE	NE	NE	NW	True Vertical Depth: 10400
Feet From: <b>NORTH</b>	1/4 Section Line: 165		End Point Location from	
Feet From: <b>WEST</b>	1/4 Section Line: 2630		Lease, Unit, or Property Line: 165	

## NOTES:

Category	Description
DEEP SURFACE CASING	[11/2/2020 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	<p>[11/2/2020 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
INCREASED DENSITY - 707887	<p>11/5/2020 - G56 - 9-7N-4W X673630 WDFD 7 WELLS EOG RESOURCES, INC. 1/24/2020</p>
INCREASED DENSITY - 707888	<p>11/5/2020 - G56 - 16-7N-4W X676420 WDFD 7 WELLS EOG RESOURCES, INC. 1/24/2020</p>
LOCATION EXCEPTION - 707966	<p>11/5/2020 - G56 - (I.O.) 9 &amp; 16-7N-4W X673630 MSSP, WDFD, HNTN 9-7N-4W X676420 MSSP, WDFD, HNTN 16-7N-4W COMPL INT (9-7N-4W) NCT 165' FNL, NCT 0' FSL, NCT 1320' FWL COMPL INT (16-7N-4W) NCT 0' FNL, NCT 165' FSL, NCT 1320' FWL EOG RESOURCES, INC 1/27/2020</p>
MEMO	[11/2/2020 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 673630	<p>11/5/2020 - G56 - (640)(HOR) 9-7N-4W EST MSSP, WDFD, HNTN COMPL INT (MSSP, HNTN) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL</p>
SPACING - 676420	<p>11/5/2020 - G56 - (640)(HOR) 16-7N-4W EXT 651280 MSSP, WDFD, HNTN COMPL INT (MSSP, HNTN) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL (COEXIST WITH SP # 346427 HNTN NE4)</p>
SPACING - 708058	<p>11/5/2020 - G56 - (I.O.) 9 &amp; 16-7N-4W EST MULTIUNIT HORIZONTAL WELL X673630 MSSP, WDFD, HNTN 9-7N-4W X676420 MSSP, WDFD, HNTN 16-7N-4W (MSSP, HNTN ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 50% 9-7N-4W 50% 16-7N-4W EOG RESOURCES, INC. 1/28/2020</p>

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

087 22300 COLE FARMS 0916 4H

## WELL LOCATION

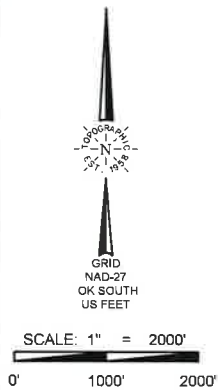
COLE FARMS 0916 4H

EOG

SECTION 16, TOWNSHIP 7N, RANGE 4W I.M.  
MCCLAIN COUNTY, OKLAHOMA

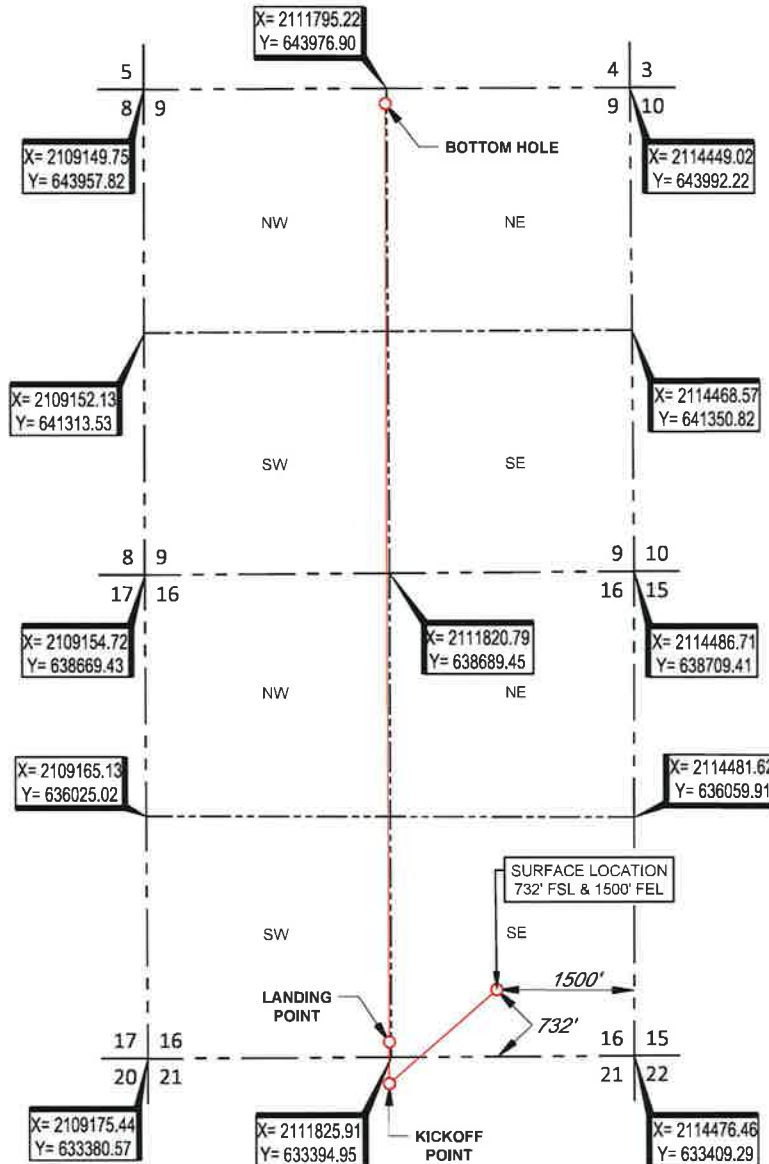
## LEGEND

--- SECTION LINE  
--- QUARTER SECTION LINE  
--- PROPOSED WELL BORE



KICKOFF POINT  
294' FNL & 2671' FEL  
NAD-27  
X= 2111804  
Y= 633101  
LAT.: 35°04'20.8" N  
LONG.: 97°37'34.9" W  
LAT.: 35.072444° N  
LONG.: 97.626367° W

SURFACE LOCATION  
732' FSL & 1500' FEL  
NAD-27  
X= 2112978.17  
Y= 634133.48  
LAT.: 35°04'31.0" N  
LONG.: 97°37'20.7" W  
LAT.: 35.075269° N  
LONG.: 97.622430° W  
ELEV: 1265'



BOTTOM HOLE  
165' FNL & 2630' FWL  
NAD-27  
X= 2111780  
Y= 643812  
LAT.: 35°06'06.7" N  
LONG.: 97°37'34.7" W  
LAT.: 35.101873° N  
LONG.: 97.626315° W

LANDING POINT  
165' FSL & 2630' FWL  
NAD-27  
X= 2111805  
Y= 633560  
LAT.: 35°04'25.3" N  
LONG.: 97°37'34.9" W  
LAT.: 35.073705° N  
LONG.: 97.626359° W



## SURVEYOR'S CERTIFICATE:

I, THOMAS L. HOWELL, AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC LAND SURVEYORS, DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.



LEASE NAME &amp; WELL NO.

COLE FARMS 0916 4H

SECTION 16 TWP 7N RGE 4W MERIDIAN I.M.

COUNTY MCCLAIN STATE OKLAHOMA

DESCRIPTION 732' FSL &amp; 1500' FEL

COLE FARMS  
0916 4H

## REVISION:

INT	DATE
KEU	11/09/2020
SEO	11/11/2020

DATE: 10/29/2020

FILE:LO\_COLE\_FARMS\_0916\_4H\_REV2

DRAWN BY: KEU

SHEET: 1 OF 2

## NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
2. ALL BEARINGS SHOWN HEREON ARE GRID ACCORDING TO THE RESULTS OF STATIC GPS OBSERVATIONS PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES. OPUS RESULTS ARE CORRELATED TO OKLAHOMA, SOUTH ZONE, NAD 27 - HORIZONTAL AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.
3. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT LOCATION, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY EOG. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN ADJOINING THIS EASEMENT LOCATION, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.
4. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS.
5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.