

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

API NUMBER: 051 24440 A

Approval Date: 08/15/2018
Expiration Date: 02/15/2019

Horizontal Hole Oil & Gas

Amend reason: SHL AND LEASE NAME CHANGE

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 8N Rge: 5W

County: GRADY

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 425 485

Lease Name: DESKINS 2392

Well No: 3H

Well will be 425 feet from nearest unit or lease boundary.

Operator Name: EOG RESOURCES INC

Telephone: 4052463212

OTC/OCC Number: 16231 0

EOG RESOURCES INC
3817 NW EXPRESSWAY STE 500
OKLAHOMA CITY, OK 73112-1483

PHYLLIS J PICKARD REVOCABLE TRUST
PO BOX 743
BLANCHARD OK 73010

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (LESS CHESTER)	10785	6	
2	WOODFORD	11085	7	
3	MISSISSIPPIAN	11135	8	
4	HUNTON	11205	9	
5			10	

Spacing Orders: 679452

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803497
201804926
201804927
201804930
201804931
201803498

Special Orders:

Total Depth: 22770

Ground Elevation: 1321

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 460

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34736
E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498
H. SEE MEMO

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX 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.

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

HORIZONTAL HOLE 1

Sec 32 Twp 8N Rge 5W County GRADY

Spot Location of End Point: S2 SW SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1650

Depth of Deviation: 11000

Radius of Turn: 973

Direction: 175

Total Length: 11190

Measured Total Depth: 22770

True Vertical Depth: 11300

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

7/5/2018 - G71 - 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

7/5/2018 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

MEMO

7/5/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 1 - WBM & CUTTINGS TO BE SOIL FARMED; PIT 2 - OBM CUTTINGS TO R360 (ORDER # 587498) OR DEQ APPROVED FACILITY (SOUTHERN PLAINS LANDFILL, 3-5N-6W, GRADY CO., # 3526013); PIT 2 - OBM TO VENDOR

PENDING CD - 201803497

7/9/2018 - G58 - (E.O.)(640)(HOR) 29-8N-5W
EXT 670842 MSNLC, WDFD, HNTN
COMPL. INT. (MSNLC, HNTN) NCT 660' FB
COMPL. INT. (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
(COEXIST WITH PRODUCING NON-HORIZONTAL DRILLING AND SPACING UNITS)
REC 6/1/2018 (P. PORTER)

This permit does not address the right of entry or settlement of surface damages.

051 24440 DESKINS 2392 3H

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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.

Category	Description
PENDING CD - 201804926	7/9/2018 - G58 - 29-8N-5W X201803497 MSNLC, WDFD 3 WELLS NO OP. NAMED HEARING 8/20/2018
PENDING CD - 201804927	7/9/2018 - G58 - 32-8N-5W X679452 MSSP, WDFD 3 WELLS NO OP. NAMED HEARING 8/20/2018
PENDING CD - 201804930	7/9/2018 - G58 - (E.O.) 29 & 32-8N-5W EST MULTIUNIT HORIZONTAL WELL X201803497 MSNLC, WDFD 29-8N-5W X679452 MSSP, WDFD, OTHER 32-8N-5W (MSSP, MSNLC IS ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 50% 29-8N-5W 50% 32-8N-5W NO OP. NAMED REC 8/14/2018 (JACKSON)
PENDING CD - 201804931	7/9/2018 - G58 - (E.O.) 29 & 32-8N-5W X201803497 MSNLC, WDFD 29-8N-5W X679452 MSSP, WDFD, OTHER 32-8N-5W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING OR PROPOSED WELL COMPL. INT. (29-8N-5W) NCT 165' FNL, NCT 0' FSL, NCT 930' FWL COMPL. INT. (32-8N-5W) NCT 0' FNL, NCT 165' FSL, NCT 930' FWL NO OP. NAMED REC 8/14/2018 (JACKSON)
SPACING - 679452	7/9/2018 - G58 - (E.O.)(640)(HOR) 32-8N-5W EXT 671033 MSSP, WDFD, HNTN COMPL. INT. (MSNLC, HNTN) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST WITH PRODUCING NON-HORIZONTAL DRILLING AND SPACING UNITS) 6/21/2018

This permit does not address the right of entry or settlement of surface damages.

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