

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

API NUMBER: 051 24095

Approval Date: 12/15/2016
Expiration Date: 06/15/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 8N Rge: 5W County: GRADY
SPOT LOCATION: NW NE NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 200 1767

Lease Name: GARRARD 0805 Well No: 2-1XXHW Well will be 200 feet from nearest unit or lease boundary.
Operator Name: EAGLE EXPLORATION PRODUCTION LLC Telephone: 9187461350 OTC/OCC Number: 23413 0

EAGLE EXPLORATION PRODUCTION LLC
6100 S YALE AVE STE 700
TULSA, OK 74136-1935

BLAKE T. AND PATRICIA A. GARRARD
NW 3RD ST.
BLANCHARD OK 73010

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9873	6	
2 WOODFORD	10015	7	
3		8	
4		9	
5		10	

Spacing Orders: 163907
163211

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201604910
201604907
201604912
201604911

Special Orders:

Total Depth: 19965 Ground Elevation: 1252 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 340

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

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 16-31910

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: 360000 Average: 325000

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

HORIZONTAL HOLE 1

Sec 11 Twp 8N Rge 5W County GRADY

Spot Location of End Point: S2 SE SW SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1650

Depth of Deviation: 19465

Radius of Turn: 500

Direction: 180

Total Length: 9900

Measured Total Depth: 19965

True Vertical Depth: 10065

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

Notes:

Category

Description

DEEP SURFACE CASING

12/14/2016 - 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

12/14/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.

MEMO

12/14/2016 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - BRIDGE CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201604907

12/15/2016 - G60 - (640)(HOR) 2-8N-5W
EXT 598840 WDFD
COMPL. INT. NCT 165' FNL & FSL, NCT 330' FEL & FWL
REC. 11/29/16 (MCKEOWN)

PENDING CD - 201604910

12/14/2016 - G60 - (640)(HOR) 11-8N-5W
EXT 598840 WDFD
COMPL. INT. NCT 165' FNL & FSL, NCT 330' FEL & FWL
REC. 11/29/16 (MCKEOWN)

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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 - 201604911	12/15/2016 - G60 - (I.O.) 2 & 11-8N-5W X163211/163907 (2-8N-5W) MSSP, WDFD X163211/163907 (11-8N-5W) MSSP, WDFD COMPL. INT. (2-8N-5W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (11-8N-5W) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL NO OP. NAMED REC. 11/29/16 (MCKEOWN)
PENDING CD - 201604912	12/15/2016 - G60 - (I.O.) 2 & 11-8N-5W EST MULTIUNIT HORIZONTAL WELL X163211/163907 (2-8N-5W) MSSP, WDFD X163211/163907 (11-8N-5W) MSSP, WDFD (MSSP IS THE ASSOCIATED COMMON SOURCE OF SUPPLY TO THE WDFD) 50% 2-8N-5W 50% 11-8N-5W NO OP. NAMED REC. 11/29/16 (MCKEOWN)
SPACING - 163211	12/15/2016 - G60 - (640) 2 & 11-8N-5W EXT OTHERS EXT 90365/123624 MSSP
SPACING - 163907	12/14/2016 - G60 - (640) 2 & 11-8N-5W CORRECT 163211 FOR OTHER FORMATIONS

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