

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

API NUMBER: 051 24185 A

Approval Date: 08/28/2017
Expiration Date: 02/28/2018

Horizontal Hole Oil & Gas

Amend reason: CHANGE SURFACE LOCATION, GROUND
ELEVATION & BOTTOM-HOLE LOCATION; DELETE FORMATION;
UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 6N Rge: 5W County: GRADY
SPOT LOCATION: NE SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 456 311

Lease Name: DOGFISH Well No: 1-31-30-MXH Well will be 311 feet from nearest unit or lease boundary.
Operator Name: CASILLAS OPERATING LLC Telephone: 9185825310 OTC/OCC Number: 23838 0

CASILLAS OPERATING LLC
401 S BOSTON AVE STE 2400
TULSA, OK 74103-4060

JAYSON S. & PAULA M. VEACH
708 COTTONWOOD ROAD
CHICKASHA OK 73108

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	11399	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 667103 Location Exception Orders: 674633 Increased Density Orders: 674277

Pending CD Numbers: Special Orders:

Total Depth: 13686 Ground Elevation: 1152 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

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 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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-33054
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: 300000

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 31 Twp 6N Rge 4W County MCCLAIN

Spot Location of End Point: SE NW NW SW

Feet From: SOUTH 1/4 Section Line: 2119

Feet From: WEST 1/4 Section Line: 367

Depth of Deviation: 11148

Radius of Turn: 477

Direction: 5

Total Length: 1789

Measured Total Depth: 13686

True Vertical Depth: 11747

End Point Location from Lease,
Unit, or Property Line: 367

Notes:

Category

Description

DEEP SURFACE CASING

8/17/2017 - G58 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

8/17/2017 - G58 - 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

INCREASED DENSITY - 674277

8/21/2018 - G75 - 31-6N-4W
X667103 MSSP
1 WELL
CASILLAS OP., LLC
3-5-2018

LOCATION EXCEPTION - 674633

8/21/2018 - G75 - (I.O.) 31-6N-4W
X667103 MSSP
COMPL. INT. NCT 165' FSL, NCT 1320' FNL, NCT 330' FWL
CASILLAS OP., LLC
3-13-2018

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

051 24185 DOGFISH 1-31-30-MXH

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.

Category	Description
MEMO	8/17/2017 - G58 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
SPACING - 667103	8/21/2018 - G75 - (640)(HOR) 31-6N-4W EST MSSP, OTHERS POE TO BHL NCT 660' FB