

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

API NUMBER: 067 21108

Approval Date: 01/08/2020

Expiration Date: 07/08/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 5S Rge: 4W

County: JEFFERSON

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 280 225

Lease Name: WILSON CATTLE

Well No: 1H-8

Well will be 225 feet from nearest unit or lease boundary.

Operator Name: BLUE DEVIL EXPLORATION LLC

Telephone: 9185954858

OTC/OCC Number: 24095 0

BLUE DEVIL EXPLORATION LLC  
100 W 5TH ST STE 1100  
TULSA, OK 74103-4217

WILSON CATTLE COMPANY  
P O BOX 720  
RINGLING OK 73456

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

Name	Depth	Name	Depth
1 VIOLA	6700	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 700878

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201905521

Special Orders:

Total Depth: 15420

Ground Elevation: 922

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 600

Deep surface casing has been approved

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

**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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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

PERMIT NO: 19-37155

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

# HORIZONTAL HOLE 1

Sec 08 Twp 5S Rge 4W County JEFFERSON

Spot Location of End Point: C NW NW NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 7379

Radius of Turn: 478

Direction: 330

Total Length: 7290

Measured Total Depth: 15420

True Vertical Depth: 7857

End Point Location from Lease,  
Unit, or Property Line: 330

## Notes:

### Category

### Description

DEEP SURFACE CASING

12/11/2019 - 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

12/11/2019 - 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: [OCCWEB.COM/OG/OGFORMS.HTML](http://OCCWEB.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](http://FRACFOCUS.ORG)

PENDING CD - 201905521

12/18/2019 - GC2 - (I.O.) 8-5S-4W  
X700878 VIOL, OTHER  
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL  
NO OP. NAMED  
REC. 1-7-2020 (MOORE)

SPACING - 700878

12/18/2019 - GC2 - (640)(HOR) 8-5S-4W  
VAC 239256 VIOL S2 8-5S-4W  
VAC 181064 VIOL N2 8-5S-4W  
EST VIOL, OTHER  
COMPL. INT. (VIOL) NCT 660' FB

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067 21108 WILSON CATTLE 1H-8

API: 067-21108

