

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

API NUMBER: 073 26196

Approval Date: 08/07/2018
Expiration Date: 02/07/2019

Horizontal Hole Disposal

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 19N Rge: 8W

County: KINGFISHER

SPOT LOCATION: NW SW NW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1789 198

Lease Name: DIAMONDBACK SWD

Well No: #1

Well will be 198 feet from nearest unit or lease boundary.

Operator Name: COTTONMOUTH SWD LLC

Telephone: 9184886416

OTC/OCC Number: 24157 0

COTTONMOUTH SWD LLC
6100 S YALE AVE STE 1700
TULSA, OK 74136-1921

NORMA LEE STATES
423 NORTH CHEYENNE STREET
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1 WILCOX	9470	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12112

Ground Elevation: 1180

Surface Casing: 350

Depth to base of Treatable Water-Bearing FM: 300

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34986
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 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.

HORIZONTAL HOLE 1

Sec 24 Twp 19N Rge 8W County KINGFISHER

Spot Location of End Point: SE SE SE SW

Feet From: SOUTH 1/4 Section Line: 175

Feet From: WEST 1/4 Section Line: 2600

Depth of Deviation: 8875

Radius of Turn: 477

Direction: 120

Total Length: 2487

Measured Total Depth: 12112

True Vertical Depth: 9620

End Point Location from Lease,
Unit, or Property Line: 175

Notes:

Category

Description

HYDRAULIC FRACTURING

8/1/2018 - 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

SPACING

8/1/2018 - G71 - N/A - DISPOSAL WELL