

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

API NUMBER: 051 24700

Approval Date: 08/22/2019

Expiration Date: 02/22/2021

Straight Hole

Disposal

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 8N Rge: 5W

County: GRADY

SPOT LOCATION:

FEET FROM QUARTER: FROM **SOUTH** FROM **WEST**

SECTION LINES: **2332** **263**

Lease Name: **MASHBURN**

Well No: **1-5**

Well will be **263** feet from nearest unit or lease boundary.

Operator Name: **WILDCAT SWD 1 LLC**

Telephone: 4052594647

OTC/OCC Number: 24359 0

WILDCAT SWD 1 LLC
600 TRAVIS ST STE 1500
HOUSTON, TX 77002-3009

TIMOTHY OSBORN
3115 EAST TYLER DR.
TUTTLE OK 73089

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

	Name	Depth	Name	Depth
1	WABAUNSEE	4500	6	
2	SHAWNEE	5720	7	
3	DOUGLAS	6750	8	
4	HOXBAR	7300	9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders: _____

Increased Density Orders: _____

Pending CD Numbers: _____

Special Orders: _____

Total Depth: 7900

Ground Elevation: 1370

Surface Casing: 600

Depth to base of Treatable Water-Bearing FM: 430

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: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

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: 2

Liner not required for Category: 2

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

Notes:

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.

Category	Description
FORMATION	8/21/2019 - GC2 - REMOVED PERMIAN PER OPERATOR REQUEST
HYDRAULIC FRACTURING	<p>8/9/2019 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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; AND,</p> <p>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</p>
SPACING	8/9/2019 - G71 - N/A - DISPOSAL WELL
TOTAL DEPTH	8/22/2019 - GC2 - CHANGED TOTAL DEPTH TO 7900' PER OPERATOR REQUEST.