

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

API NUMBER: 043 23713

Approval Date: 09/24/2019

Expiration Date: 03/24/2021

Straight Hole

Disposal

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 17N Rge: 14W

County: DEWEY

SPOT LOCATION: ☐ NE ☐ NE ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 1040 280

Lease Name: STINSON SWD

Well No: 1

Well will be 280 feet from nearest unit or lease boundary.

Operator  
Name: BLACK MOUNTAIN SWD LP

Telephone: 8176989901

OTC/OCC Number: 23393 0

BLACK MOUNTAIN SWD LP  
500 MAIN ST STE 1200  
FORT WORTH , TX 76102-3926

STINSON FAMILY ET AL  
PO BOX 100  
OAKWOOD OK 73658

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

	Name	Depth	Name	Depth
1	VIRGILIAN	4000	6	
2	MISSOURIAN	7400	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 8000

Ground Elevation: 0

**Surface Casing: 570**

Depth to base of Treatable Water-Bearing FM: 320

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: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 1A

Liner required for Category: 1A

Pit Location is AP/TE DEPOSIT

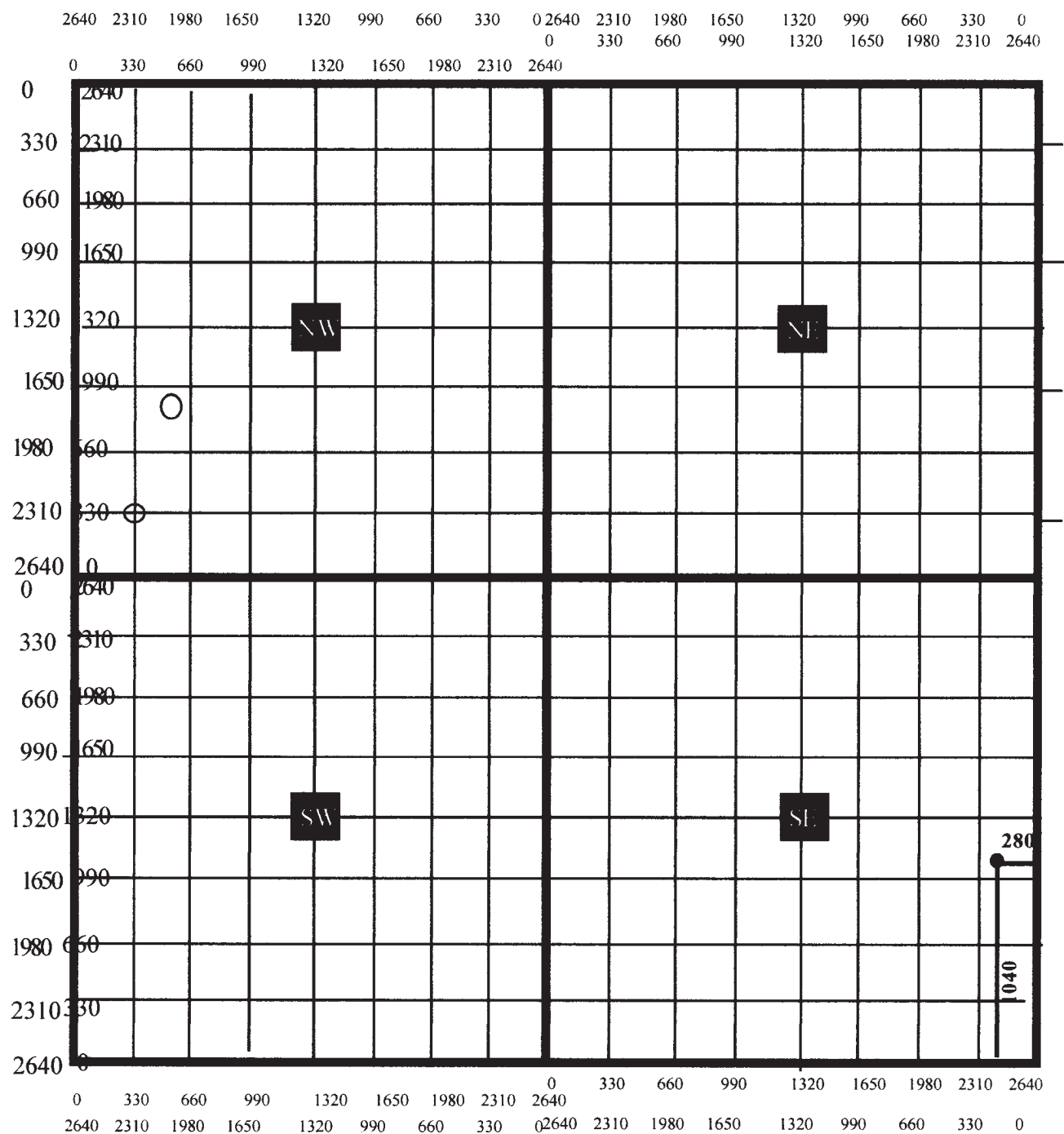
Pit Location Formation: TERRACE

H. MIN. 20-MIL PIT LINER REQUIRED

Notes:

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.

Category	Description
HYDRAULIC FRACTURING	<p>9/9/2019 - 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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
PUBLIC WATER SUPPLY WELLS	9/9/2019 - G71 - DEWEY CO RWD #1 - 2 PWS/WPA, SW/4 21-17N-14W
SPACING	9/10/2019 - G71 - N/A - DISPOSAL WELL



**BLACK MOUNTAIN'S STINSON SWD 1 PROPOSED LOCATION**  
**280 FT FEL 1040 FSL OF SE/4 21-17N-14W DEWEY COUNTY**