

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

API NUMBER: 063 24853

Approval Date: 10/02/2018

Expiration Date: 04/02/2020

Straight Hole

Disposal

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 7N Rge: 8E

County: HUGHES

SPOT LOCATION: ☐ NW ☐ SW ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 837 1200

Lease Name: HUGHES DISPOSAL

Well No: 2

Well will be 837 feet from nearest unit or lease boundary.

Operator Name: HUGHES DISPOSAL LLC

Telephone: 4053796679

OTC/OCC Number: 22798 0

HUGHES DISPOSAL LLC
PO BOX 1068
HOLDENVILLE, OK 74848-1068

HUGHES DISPOSAL LLC
11063 D S MEMORIAL DRIVE 417
TULSA OK 74133

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

	Name	Depth		Name	Depth
1	BOOCH	2900	6	MCLISH	4530
2	GILCREASE	3050	7	WILCOX	4650
3	CROMWELL	3330	8	OIL CREEK	4830
4	HUNTON	4180	9		
5	VIOLA	4260	10		

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 5100

Ground Elevation: 887

Surface Casing: 600

Depth to base of Treatable Water-Bearing FM: 510

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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35496

Chlorides Max: 8000 Average: 5000

H. CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST

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: SEMINOLE

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
HYDRAULIC FRACTURING	10/2/2018 - G57 - 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	10/2/2018 - G57 - N/A - DISPOSAL WELL