

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

API NUMBER: 119 24442

Approval Date: 02/06/2019
Expiration Date: 08/06/2020

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 18N Rge: 3E

County: PAYNE

SPOT LOCATION: E2 W2 SW NW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 660 520

Lease Name: MCNEIL

Well No: 12-2

Well will be 520 feet from nearest unit or lease boundary.

Operator Name: HAZLEWOOD OIL & GAS CO INC

Telephone: 4056313532

OTC/OCC Number: 8427 0

HAZLEWOOD OIL & GAS CO INC
801 SW 89TH ST STE A3
OKLAHOMA CITY, OK 73139-9353

BRIAN EDWARD MCNEIL & DENISE MCNEIL
7318 N MOUNT VERNON RD
MCNEIL FAMILY TRUST
CUSHING OK 74023

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

Name	Depth	Name	Depth
1 AVANT	2300	6 RED FORK	3700
2 LAYTON	2450	7 BARTLESVILLE	3800
3 CLEVELAND	3100	8	
4 PERU	3400	9	
5 SKINNER	3600	10	

Spacing Orders: 294899

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4000

Ground Elevation: 817

Surface Casing: 300

Depth to base of Treatable Water-Bearing FM: 190

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 1500 Average: 1200

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

Approved Method for disposal of Drilling Fluids:

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - LITTLE STILLWATER CREEK)

F. Haul to Commercial soil farming facility: Sec. 13 Twn. 19N Rng. 5E Cnty. 119 Order No: 561542

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.

119 24442 MCNEIL 12-2

Category	Description
HYDRAULIC FRACTURING	<p>12/30/2018 - 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: OCCEWEB.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	2/6/2019 - G56 - SKNR & AVNT FORMATIONS UNSPACED;40-ACRE LEASE (SW4 NW4)
SPACING - 294899	<p>2/6/2019 - G56 - (40) N2 12-18N-3E EXT 187375 RDFK, CLVD, LYTN, PERU, OTHERS EST BRVL</p>

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