

API NUMBER: 103 21844 A

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

Approval Date: 08/14/2023  
Expiration Date: 02/14/2025

Straight Hole Oil & Gas

**PERMIT TO RE-ENTER**

WELL LOCATION: Section: 10 Township: 22N Range: 2W County: NOBLE

SPOT LOCATION: SE SW SW NW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 303 348

Lease Name: EMMA HENTGES Well No: 1-10 Well will be 303 feet from nearest unit or lease boundary.  
Operator Name: HOLLRAH EXPLORATION COMPANY Telephone: 4057735440 OTC/OCC Number: 15764 0

HOLLRAH EXPLORATION COMPANY

OKLAHOMA CITY, OK 73172-1174

HOFFEN INC

19301 CR 50

PERRY OK 73007

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

	Name	Code	Depth
1	HOLLENBERG	452HLBG	690
2	SKINNER	404SKNR	4700
3	MISSISSIPPI	351MISS	4940
4	VIOLA	202VIOL	5166
5	2ND WILCOX	202WLCX2	5272

Spacing Orders: 212377

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202302236

Working interest owners' notified: DNA

Special Orders: No Special

Total Depth: 5310

Ground Elevation: 1027

Surface Casing: 263 IP

Depth to base of Treatable Water-Bearing FM: 180

Under Federal Jurisdiction: No  
Fresh Water Supply Well Drilled: No  
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

E. Haul to Commercial pit facility	Sec. 15 Twn. 24N Rng. 7W Cnty. 47 Order No: 623842
F. Haul to Commercial soil farming facility	Sec. 10 Twn. 21N Rng. 1E Cnty. 103 Order No: 615859
H. (Other)	CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

**PIT 1 INFORMATION**

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: BED AQUIFER

Pit Location Formation: Wellington

**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>[7/18/2023 - GE7] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS. FORM 6000NHF SHALL BE FOUND HERE: <a href="https://oklahoma.gov/occ/divisions/oil-gas/ogcd-forms">HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS</a>; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
PENDING CD - 2023-002236	<p>[8/8/2023 - GE7] - (E.O.) SW4 NW4 10-22N-2W  X212377 SKNR, MSSLM, VIOL, WLCX2  X165:10-1-21 HLBG  SHL 303' FSL, 348' FWL  NCT 330' FSL, NCT 330' FWL  HOLLRAH EXPLORATION COMPANY  REC. 8/14/2023 (THOMAS)</p>
SPACING	[7/21/2023 - GE7] - HLBG UNSPACED, 160-ACRES LEASE NW
SPACING - 212377	<p>[7/20/2023 - GE7] - (40) 10-22N-02W  EXT 44244/150319 SKNR  EXT 183504 MSSCT, MSSLM, MSNR  EXT OTHERS  EST VIOL, WLCX2</p>