

API NUMBER: 103 24773

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

Approval Date: 07/26/2021  
Expiration Date: 01/26/2023

Horizontal Hole Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 31 Township: 21N Range: 1W County: NOBLE

SPOT LOCATION: SW SW SW SE FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 300 150

Lease Name: CITY OF PERRY Well No: 1-6H Well will be 150 feet from nearest unit or lease boundary.

Operator Name: CHARTER OAK PRODUCTION CO LLC Telephone: 4052860361 OTC/OCC Number: 21672 0

CHARTER OAK PRODUCTION CO LLC  
13929 QUAIL POINTE DR  
OKLAHOMA CITY, OK 73134-1037

CITY OF PERRY  
P.O. DRAWER 798  
PERRY OK 73077

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

Name	Code	Depth
1 BIG LIME	404BGLM	4490

Spacing Orders: 685774

Location Exception Orders: 714430

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Working interest owners' notified: \*\*\*

Special Orders: No Special Orders

Total Depth: 10615

Ground Elevation: 1100

Surface Casing: 350

Depth to base of Treatable Water-Bearing FM: 130

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 21-37719  
H. (Other) CLOSED SYSTEM=STEEL PITS (REQUIRED - LAKE PERRY AND COW CREEK)

**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

**HORIZONTAL HOLE 1**

Section: 6 Township: 20N Range: 1W Meridian: IM Total Length: 10615  
County: NOBLE Measured Total Depth: 10615  
Spot Location of End Point: S2 SE SW SW True Vertical Depth: 4552  
Feet From: SOUTH 1/4 Section Line: 1 End Point Location from  
Feet From: WEST 1/4 Section Line: 990 Lease, Unit, or Property Line: 330

**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.

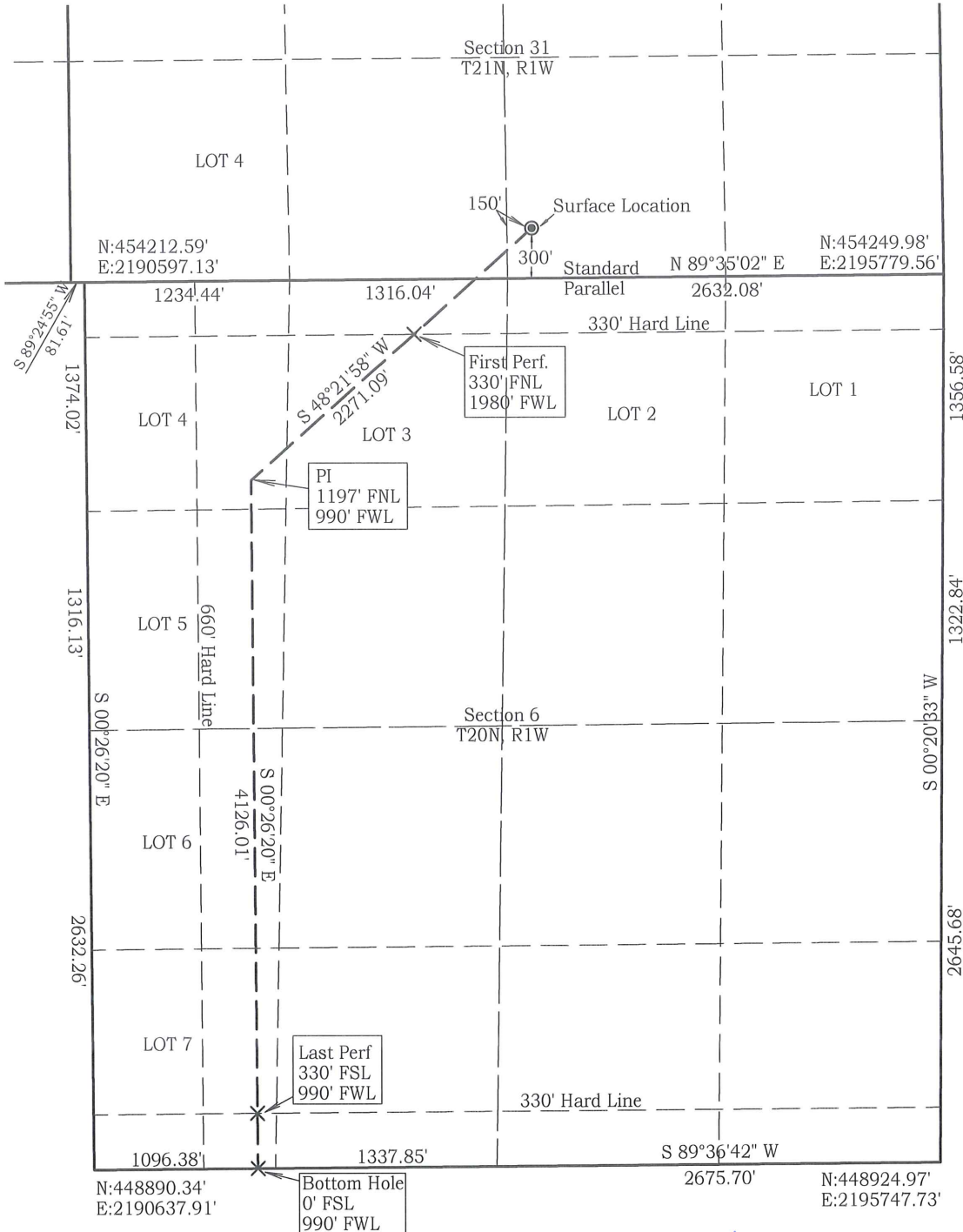
Category	Description
HYDRAULIC FRACTURING	<p>[7/22/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE 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 HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</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>
LOCATION EXCEPTION - 714430	<p>[7/26/2021 - GC2] - (I.O.) 6-20N-1W  X685774 BGLM, OTHERS  COMPL. INT. NCT 330' FNL, NCT 330' FSL, NCT 660 FWL  CHARTER OAK PRODUCTION  9-14-2020</p>
SPACING - 685774	<p>[7/26/2021 - GC2] - (640)(HOR) 6-20N-1W  EST BGLM, OTHERS  COMPL. INT. (BGLM) NCT 660' FUB  (COEXIST SP ORDER # 202701 BGLM, OTHERS)</p>

**Permit Plat**  
**M & M Land Surveying, Inc.**  
520 "E" Street NW. Ardmore, OK. 73401  
Office 580-226-0446 Mobile 580-221-4999

Company Name: Charter Oak Production Company Lease Name: City of Perry 1-6H  
Section 31 Township 21 North Range 1 West County Noble Oklahoma

Surface Location 300' FSL - 150' FWL of SE/4 Elevation 1100'

**ALL SECTION CORNER COORDINATES ARE NAD 27**



NAD 27 OK NORTH  
Surface Location  
Latitude: 36.246889°  
Longitude: 97.344492°  
N = 454,532'  
E = 2,193,294'  
First Perf  
N = 453,897'  
E = 2,192,579'  
Point of Intersection  
N = 453,023'  
E = 2,191,597'  
Last Perforation Pt.  
N = 449,227'  
E = 2,191,625'  
Bottom Hole  
N = 448,897'  
E = 2,191,628'

NAD 83 OK NORTH  
Surface Location  
Latitude: 36.246930°  
Longitude: 97.344813°  
N = 454,558'  
E = 2,161,694'  
First Perforation Pt.  
N = 453,923'  
E = 2,160,980'  
Point of Intersection  
N = 453,049'  
E = 2,159,997'  
Last Perforation Pt.  
N = 449,253'  
E = 2,160,026'  
Bottom Hole  
N = 448,923'  
E = 2,160,029'



*D. Harry McClintick* 4/7/2021

D. Harry McClintick, R.P.L.S. # 1367, CA # 3093  
This location has been Calculated according to the best official survey records available to us, but its accuracy is not guaranteed. Please review this plat and notify us immediately of any discrepancy.