

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

API NUMBER: 109 21562 A

Approval Date: 03/04/2019
Expiration Date: 09/04/2020

Directional Hole Oil & Gas

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 28 Twp: 11N Rge: 3W County: OKLAHOMA
SPOT LOCATION: NW SE SW NW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 512 785

Lease Name: BRUMFIELD Well No: 28-2 Well will be 512 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

MARIA E. GUERRA
309 SW 35TH ST.
OKLAHOMA CITY OK 73109

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

	Name	Depth	Name	Depth
1	OSWEGO	6802	6	
2	SKINNER	6962	7	
3	VIOLA	7028	8	
4			9	
5			10	

Spacing Orders: 298314 Location Exception Orders: Increased Density Orders: 690402
Pending CD Numbers: Special Orders:

Total Depth: 7271 Ground Elevation: 1229 Surface Casing: 1090 IP Depth to base of Treatable Water-Bearing FM: 1090

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

Approved Method for disposal of Drilling Fluids:

DIRECTIONAL HOLE 1
Sec 28 Twp 11N Rge 3W County OKLAHOMA
Spot Location of End Point: NW SE NW NW
Feet From: SOUTH 1/4 Section Line: 1703
Feet From: WEST 1/4 Section Line: 810
Measured Total Depth: 7271
True Vertical Depth: 7028
End Point Location from Lease,
Unit, or Property Line: 810

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	<p>2/4/2019 - 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: 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>
INCREASED DENSITY - 690402	<p>3/4/2019 - G56 - NW4 28-11N-3W X298314 VIOL 1 WELL CHARTER OAK PRODUCTION CO., LLC 1/25/2019</p>
SPACING - 298314	<p>3/4/2019 - G56 - (160) 28-11N-3W VAC OTHER EXT 259536 OSWG, SKNR, VIOL, OTHERS</p>

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