

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

API NUMBER: 087 21989 B

Approval Date: 01/04/2018

Expiration Date: 07/04/2018

Straight Hole

Oil & Gas

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 15 Twp: 8N Rge: 4W

County: MCCLAIN

SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 2385 2180

Lease Name: OLIVER

Well No: 1-15

Well will be 2180 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

HIGH VALLEY RANCH, LLC  
101 N. ROBINSON, SUITE 900  
OKLAHOMA CITY OK 73010

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

	Name	Depth		Name	Depth
1	HART	8380	6	HUNTON	9404
2	OSBORN	8832	7	VIOLA	9839
3	PENN BASAL UNCONF SAND	9100	8		
4	MISSISSIPPIAN	9200	9		
5	WOODFORD	9231	10		

Spacing Orders: 616337

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11250

Ground Elevation: 1160

Surface Casing: 837 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: No

Approved Method for disposal of Drilling Fluids:

Notes:

Category

Description

HYDRAULIC FRACTURING

12/20/2017 - G71 - 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](http://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](http://FRACFOCUS.ORG)

This permit does not address the right of entry or settlement of surface damages.

087 21989 OLIVER 1-15

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

SPACING - 616337

1/4/2018 - G57 - (640) 15-8N-4W  
VAC 272478 HART, OSBR, HNTN, VIOL, OTHERS  
EXT 601388/207975 MSSP, WDFD, HNTN, VIOL, OTHERS  
EST HART, OSBR, BPUNC, OTHERS

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.