

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

API NUMBER: 087 22020

Approval Date: 02/20/2015
Expiration Date: 08/20/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 7N Rge: 2W County: MCCLAIN
SPOT LOCATION: NW NE NE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2360 2210

Lease Name: **TOPSY TURVY** Well No: **1-29** Well will be **280** 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

DONALD & CAROL BILES
24430 END OF TRAIL AVENUE
PURCELL OK 73080

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

	Name	Depth	Name	Depth	
1	CISCO	4250	6	HUNTON	7720
2	HOXBAR	5685	7	SYLVAN	8065
3	DEESE	6690	8	VIOLA	8195
4	PENN BASAL UNCONF SAND	7595	9	BROMIDE	8580
5	WOODFORD	7625	10		

Spacing Orders: 629159

Location Exception Orders: 636637

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 8750

Ground Elevation: 1089

Surface Casing: 220

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

PIT 1 INFORMATION

Type of Pit System: ON SITE

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: PURCELL

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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.

087 22020 TOPSY TURVY 1-29

Category	Description
FRAC FOCUS	2/19/2015 - G71 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS WILL BE EXTENDED TO INCLUDE ALL NON-HORIZONTAL WELLS FOR HYDRAULIC FRACTURING OPERATIONS BEGINNING JANUARY 1, 2014. REFER TO OCC RULE 165:10-3-10 FOR COMPLIANCE REQUIREMENTS. PLEASE REPORT DIRECTLY TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
LOCATION EXCEPTION - 636637	2/20/2015 - G75 - E2 SW4 29-7N-2W X629159 CSCO, HXBR, DEESS, BPUNC, WDFD, HNTN, SLVN, VIOL, BRMD, OTHER 280 FNL, 430 FEL CHARTER OAK PROD. CO., LLC 2-13-2015
SPACING - 629159	2/20/2015 - G75 - (80) SW4 29-7N-2W SU NE/SW VAC 123861 DEESS, HNTN, VIOL, BRMD, OTHERS SW4 VAC 273350 BLCT, HGSR, CCKB SW4 EXT 143979 DEESS, HNTN, VIOL, BRMD, OTHERS EXT 586548 WDFD EST CSCO, HXBR, BPUNC, SLVN

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