

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

API NUMBER: 087 21994

Approval Date: 04/24/2014

Expiration Date: 10/24/2014

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 5N Rge: 2W County: MCCLAIN
SPOT LOCATION: C E2 NE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 1980 330

Lease Name: DARTER Well No: 1-3 Well will be 330 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

ROCKY BATES
P.O. BOX 985
PURCELL OK 73080

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

Name	Depth	Name	Depth
1 HOXBAR	5620	6 SYLVAN	7730
2 DEESE	6000	7 VIOLA	7880
3 PENN BASAL UNCONF SAND	7165	8 BROMIDE	8170
4 WOODFORD	7240	9	
5 HUNTON	7350	10	

Spacing Orders: 125476
623129

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 8650 Ground Elevation: 1049 **Surface Casing: 340** Depth to base of Treatable Water-Bearing FM: 250

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.

Category	Description
FRAC FOCUS	4/15/2014 - 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
SPACING - 125476	4/24/2014 - G75 - (80) E2 3-5N-2W LD NLT 330' FB (1976) VAC 41764 HNTN, VIOL E2 VAC 44902 HART E2 EXT 124680 HNTN, VIOL (BOTH VAC SE4 BY 168055) EXT 124680 DEESS, BRMD, OTHERS
SPACING - 623129	4/24/2014 - G75 - (80) E2 3-5N-2W LD NCT 330' FB VAC 168055 HART, HNTN, VIOL EXT 125476 HNTN, VIOL EXT 613271 HXBR, BPUNC, WDFD, SLVN, OTHER
WATERSHED STRUCTURE	4/15/2014 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 527-3452 PRIOR TO DRILLING

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.