

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

API NUMBER: 087 21998

Approval Date: 06/20/2014

Expiration Date: 12/20/2014

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 5N Rge: 2W County: MCCLAIN
SPOT LOCATION: C NE SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 990 1650

Lease Name: COHO Well No: 1-2 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

JOETTA MEYER
27517 155TH ST.
WAYNE OK 73095

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

Name	Depth	Name	Depth
1 DEESE	6000	6 VIOLA	7650
2 PENN BASAL UNCONF SAND	7010	7 BROMIDE	7800
3 WOODFORD	7070	8 TULIP CREEK	8300
4 HUNTON	7100	9 MCLISH	8600
5 SYLVAN	7610	10 OIL CREEK	8800

Spacing Orders: 197994
617309

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 9000 Ground Elevation: 1124 **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	6/13/2014 - 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 - 197994	6/20/2014 - G91 - (80) E2 2-5N-2W LD NE/SW VAC OTHER EXT 124680 DEESS, HNTN, VIOL, BRMD, TPCK, MCLS, OLCK
SPACING - 617309	6/20/2014 - G91 - (80) SE4 2-5N-2W LD NE/SW EXT. 609322/590464 BPUNC, WDFD, SLVN, OTHERS

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