

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

API NUMBER: 049 24936 A

Approval Date: 02/22/2013
Expiration Date: 08/22/2013

Straight Hole Oil & Gas

Amend reason: CHANGE TOTAL DEPTH

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 4N Rge: 3W County: GARVIN
SPOT LOCATION: SE SW NE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 1600 750

Lease Name: **BOOMER** Well No: 1-22 Well will be 750 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

GWENNA CAROL GRIMES TOMLINSON
8133 NW 80TH STREET
OKLAHOMA CITY OK 73132

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

| Name | Depth | Name | Depth |
|--------------------|-------|---------------|-------|
| 1 GIBSON (3 DEESE) | 6720 | 6 1ST BROMIDE | 7654 |
| 2 HART (4TH DEESE) | 6805 | 7 2ND BROMIDE | 7814 |
| 3 WOODFORD | 6837 | 8 TULIP CREEK | 7934 |
| 4 HUNTON | 6847 | 9 MCLISH | 8052 |
| 5 VIOLA | 7124 | 10 OIL CREEK | 8714 |

Spacing Orders: 288740
608236

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 9450

Ground Elevation: 958

Surface Casing: 400

Depth to base of Treatable Water-Bearing FM: 290

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: 1A

Liner required for Category: 1A

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. 20-MIL PIT LINER REQUIRED

| Additional Surface Owner | Address | City, State, Zip |
|--------------------------|----------------------|-------------------------|
| JOHN R. GRIMES | 1135 SW 132ND STREET | OKLAHOMA CITY, OK 73170 |

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 |
|------------------|---|
| SPACING - 288740 | 2/21/2013 - G75 - (160) 22-4N-3W EXT 199685/275757 HNTN, VIOL EXT OTHER |
| SPACING - 608236 | 3/4/2013 - G75 - (160) SE4 22-4N-3W VAC 22139 DSLGH SE4 VAC 22224/26757 SPLOC SE4 VAC 24555 DS3GB, DS4HT SE4 VAC 26757 OLCK SE4 EXT 53984 BRMD1 EXT 108663 OLCK EXT 142317 MCLS EXT 417559 WDFD, BRMD2, TPCK EXT OTHERS EST GBS3D, HTDS4, OTHER |

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