API NUMBER: 027 21476

Oil & Gas

Straight Hole

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

Approval Date: 02/12/2015

Expiration Date: 08/12/2015

PERMIT TO DRILL

| WELL LOCATION:  SPOT LOCATION:  Lease Name:  Operator Name:  | NE SW SW  | SECTION        | LINES: 5                                | ELAND SOUTH FROM 640 1-1 Telephone:  | <b>WEST 490</b> 4057288900                   | Well will be                                     | 490 feet from nearest u     | unit or lease boundary.<br>20068 0 |
|--|---|----------------|---|--|--|--|-----------------------------|------------------------------------|
|  | PRODUCTION CO LL<br>139TH ST PKWY<br>,                  | C<br>OK 73013  | 3-9792                                  |  | ROBERT W. BERRY<br>2200 SOUTH UTICA<br>TULSA |  |                             |                                    |
| 1 F<br>2 G<br>3 F<br>4 G   | Name PERRY CHECKERBOARD BIG LIME-OSWEGO CHEROKEE DSBORN | sted Formation | s Only): Depth 5200 5800 6600 6825 6875 |  | Name 6 HUNTO 7 VIOLA 8 SIMPSO 9              | N<br>ON DENSE                                    | <b>Depth</b> 7000 7145 7600 |                                    |
| Spacing Orders: 69491 261334  Pending CD Numbers:  |   | -              | Location Exception Orders:              |  | Increased Density Orders:  Special Orders:   |  |                             |                                    |
| Total Depth: 7900 Ground Elevation: 1106   |   |                | Surface Casing: 840                     |  |  | Depth to base of Treatable Water-Bearing FM: 520 |                             |                                    |
| Under Federal Jurisdiction: No   |   |                | Fresh Water Supply Well Drilled: No     |  |  | Surface Water used to Drill: Yes                 |                             |                                    |
| PIT 1 INFORMATION  Type of Pit System: CLOSED Closed System Means Steel Pits  Type of Mud System: WATER BASED  Chlorides Max: 5000 Average: 2500  Is depth to top of ground water greater than 10ft below base of pit?  Within 1 mile of municipal water well? |   |                | , ү                                     | Approved Method for disposal of Drilling Fluids:  D. One time land application (REQUIRES PERMIT)  H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST |  |  | PERMIT NO: 15-29573         |                                    |

Notes:

Wellhead Protection Area?

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Category of Pit: C

is located in a Hydrologically Sensitive Area.

Category Description

FRAC FOCUS

2/10/2015 - 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

PUBLIC WATER SUPPLY WELLS 2/10/2015 - G71 - PECAN TREE ESTATES - 3 PWS/WPA, N2 12-7N-2W

**SPACING - 261334** 2/11/2015 - G75 - (80) S2 1-7N-2W LD NE/SW

**EXT 219785 VIOL** 

**SPACING - 69491** 2/11/2015 - G75 - (80) S2 1-7N-2W LD SLOT (1968) NE/SW (1971)

EST PRRY, CCKB, BGLO, CHRK, OSBR, HNTN, SMPD, OTHERS

2/10/2015 - G71 - MIN. 840' PER ORDER # 54655 SURFACE CASING