

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

API NUMBER: 103 24687

Approval Date: 09/24/2014

Expiration Date: 03/24/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 24N Rge: 2W

County: NOBLE

SPOT LOCATION: ☐ NE ☐ NE ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 155 1136

Lease Name: DAKOTA

Well No: 12-3S

Well will be 155 feet from nearest unit or lease boundary.

Operator Name: RANGE PRODUCTION COMPANY LLC

Telephone: 4058107341; 4058107

OTC/OCC Number: 22664 0

RANGE PRODUCTION COMPANY LLC  
5600 N MAY AVE STE 350  
OKLAHOMA CITY, OK 73112-3967

GARY D. COMBRINK, LIFE ESTATE  
12731 OAKDALE VIEW DRIVE  
EDMOND OK 73013

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	4468	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 603416

Location Exception Orders: 626243

Increased Density Orders: 626638

Pending CD Numbers:

Special Orders:

Total Depth: 9600

Ground Elevation: 1084

**Surface Casing: 230**

Depth to base of Treatable Water-Bearing FM: 180

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: WELLINGTON

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 14-27286

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.

# HORIZONTAL HOLE 1

Sec 12 Twp 24N Rge 2W County NOBLE

Spot Location of End Point: SW SW SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1400

Depth of Deviation: 3735

Radius of Turn: 750

Direction: 175

Total Length: 4687

Measured Total Depth: 9600

True Vertical Depth: 4485

End Point Location from Lease,

Unit, or Property Line: 165

## Notes:

### Category

### Description

INCREASED DENSITY - 626638

9/24/2014 - G75 - 12-24N-2W  
X603416 MSSP  
2 WELLS  
RANGE PROD. CO., LLC  
6-2-2014

LOCATION EXCEPTION - 626243

9/24/2014 - G75 - (I.O.) 12-24N-2W  
X603416 MSSP  
SHL 155 FNL, 1136 FWL  
COMPL. INT. NCT 330 FNL, NCT 165 FSL, NCT 660 FWL  
RANGE PROD. CO., LLC  
6-2-2014

SPACING - 603416

9/24/2014 - G75 - (640)(HOR) 12-24N-2W  
EXT 599588 MSSP  
POE TO BHL NLT 660' FB  
(SUPERSEDE NON-PRODUCING NON-HORIZONTAL SPACING UNITS; COEXIST WITH  
PRODUCING NON-HORIZONTAL SPACING UNITS)

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.

103 24687 DAKOTA 12-3S