

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

API NUMBER: 071 24752

Approval Date: 04/28/2014  
Expiration Date: 10/28/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 25N Rge: 1E

County: KAY

SPOT LOCATION:  SW  SE  SW  SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 240 822

Lease Name: MOCCASIN

Well No: 7-3N

Well will be 240 feet from nearest unit or lease boundary.

Operator Name: RANGE PRODUCTION COMPANY

Telephone: 4058107341; 4058107

OTC/OCC Number: 22664 0

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

PATRICK L. MILLS  
11801 SOUTH 13TH STREET  
TONKAWA OK 74653

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	4330	6
2			7
3			8
4			9
5			10

Spacing Orders: 605669

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201402059

Special Orders:

Total Depth: 9600

Ground Elevation: 952

**Surface Casing: 290**

Depth to base of Treatable Water-Bearing FM: 240

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: 3000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-26942

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - ARKANSAS RIVER, SALT FORK)

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 07 Twp 25N Rge 1E County KAY

Spot Location of End Point: NW NW NE NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1500

Depth of Deviation: 3592

Radius of Turn: 750

Direction: 10

Total Length: 4830

Measured Total Depth: 9600

True Vertical Depth: 4342

End Point Location from Lease,  
Unit, or Property Line: 165

Notes:

Category

Description

MUNICIPAL WATER WELLS

4/18/2014 - G71 - TONKAWA, 3 WELLS, NW4 7-25N-1E

PENDING CD - 201402059

4/28/2014 - G75 - (I.O.) 7-25N-1E  
X605669 MSSP  
SHL 240 FSL, 822 FWL  
FIRST PERF NCT 330 FSL, NCT 330 FWL  
LAST PERF NCT 165 FNL, NCT 330 FWL  
NO OP. NAMED  
REC 4-14-2014 (CANDLER)

SPACING - 605669

4/28/2014 - G75 - (640)(HOR) 7-25N-1E  
EST MSSP, OTHERS  
POE TO BHL NLT 660' FB  
(SUPERSEDE NON-PRODUCING NON-HORIZONTAL SPACING UNITS; COEXIST WITH  
PRODUCING NON-HORIZONTAL SPACING UNITS)