

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

API NUMBER: 071 24842

Approval Date: 01/23/2015

Expiration Date: 07/23/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 25N Rge: 1E County: KAY
SPOT LOCATION: SW SW SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 165 2575

Lease Name: MOCCASIN FEDERAL Well No: 7-5N Well will be 165 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

DAVID RENEE FAMILY TRUST, CO-TRUSTEES
15551 W. NORTH AVENUE
TONKAWA OK 74653

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	4373	6
2			7
3			8
4			9
5			10

Spacing Orders: 605669

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201408369
201408368

Special Orders:

Total Depth: 9600

Ground Elevation: 948

Surface Casing: 280

Depth to base of Treatable Water-Bearing FM: 230

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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 BED AQUIFER

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-29218
H. CLOSED SYSTEM=STEEL PITS (REQUIRED - CHIKASKIA RIVER)

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: NE NW NW NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 2200

Depth of Deviation: 3633

Radius of Turn: 750

Direction: 10

Total Length: 4789

Measured Total Depth: 9600

True Vertical Depth: 4383

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

Notes:

Category	Description
PENDING CD - 201408368	1/23/2015 - G76 - 7-25N-1E X605669 MSSP 2 WELLS NO OP. NAMED REC. 12/1/2014 (LEAVITT)
PENDING CD - 201408369	1/23/2015 - G76 - (I.O.) 7-25N-1E X605669 MSSP SHL 0 FSL, 0 FEL** COMPL. INT. NCT 330 FSL, NCT 165 FNL, NCT 660 FEL NO OP. NAMED REC. 12/1/2014 (LEAVITT) **S/B SHL 165 FSL, 2575 FEL; TO BE CORRECTED AT HEARING FOR FINAL ORDER PER OPERATOR
PUBLIC WATER SUPPLY/WELLHEAD PROTECTION AREA	1/2/2015 - G71 - TONKAWA - 3 PWS/WPA, NW/4 7-25N-1E
SPACING - 605669	1/23/2015 - G76 - (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)

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.