

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

API NUMBER: 071 24718

Approval Date: 11/22/2013
Expiration Date: 05/22/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 25N Rge: 1W

County: KAY

SPOT LOCATION: SE SE SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 270 1250

Lease Name: GEFION

Well No: 25-1S

Well will be 270 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

P & D FARMS INC
14251 SOUTH "P" STREET
TONKAWA OK 74653

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	4379	6
2			7
3			8
4			9
5			10

Spacing Orders: 585283

Location Exception Orders: 609436

Increased Density Orders: 609336

Pending CD Numbers:

Special Orders:

Total Depth: 9600

Ground Elevation: 942

Surface Casing: 410

Depth to base of Treatable Water-Bearing FM: 360

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.

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

PERMIT NO: 13-24902

H. 20-MIL PIT LINER REQUIRED

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 25 Twp 25N Rge 1W County KAY

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 500

Depth of Deviation: 3637

Radius of Turn: 750

Direction: 190

Total Length: 4785

Measured Total Depth: 9600

True Vertical Depth: 4387

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

Notes:

Category	Description
INCREASED DENSITY - 609336	11/21/2013 - G75 - 25-25N-1W X585283 MSSP 3 WELLS RANGE PROD. CO. 3-20-2013
LOCATION EXCEPTION - 609436	11/21/2013 - G75 - (I.O.) X585283 MSSP SHL 270 FSL, 1550 FWL 24-25N-1W ** FIRST PERF NCT 330 FNL, NCT 660 FWL 25-25N-1W LAST PERF NCT 165 FSL, NCT 660 FWL 25-25N-1W RANGE PROD. CO. 3-22-2013 ** ITD HAS SHL AS 270 FSL, 1250 FWL; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR
SPACING - 585283	11/21/2013 - G75 - (640)(HOR) 25-25N-1W EST MSSP POE TO BHL NLT 660 FB (SUPERSEDE NON-PRODUCING NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)