

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

API NUMBER: 047 24686

Approval Date: 04/22/2013  
Expiration Date: 10/22/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 20N Rge: 5W County: GARFIELD  
SPOT LOCATION:  SE  SW  SW  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 235 378

Lease Name: CAROLYN Well No: 27 M1H Well will be 235 feet from nearest unit or lease boundary.  
Operator Name: LONGFELLOW ENERGY LP Telephone: 9725909885 OTC/OCC Number: 22113 0

LONGFELLOW ENERGY LP  
PO BOX 1989  
ADDISON, TX 75001-1989

FRANCES PEACH  
19510 S 90TH STREET  
MARSHALL OK 73056

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6154	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 601579

Location Exception Orders: 607165

Increased Density Orders:

Pending CD Numbers: 201302514

Special Orders:

Total Depth: 10800

Ground Elevation: 997

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 260

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: FAIRMONT

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 13-22622

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION

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 27 Twp 20N Rge 5W County GARFIELD

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 700

Depth of Deviation: 5600

Radius of Turn: 1600

Direction: 5

Total Length: 4290

Measured Total Depth: 10800

True Vertical Depth: 6654

End Point Location from Lease,  
Unit, or Property Line: 150

Notes:

Category	Description
DEEP SURFACE CASING	3/25/2013 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
LOCATION EXCEPTION - 607165	3/26/2013 - G30 - (I.O.) 27-20N-5W X601579 MSSP SHL 290 FSL, 352 FWL** POE NCT 660 FSL, NCT 700 FWL 1ST PERF NCT 660 FSL, NCT 700 FWL LAST PERF NCT 150 FNL, NCT 700 FWL BHL NCT 150 FNL, NCT 700 FWL LONGFELLOW ENERGY, L.P. 1/30/13  **SHL TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR
PENDING CD - 201302514	4/12/2013 - G30 - 27-20N-5W X165:10-3-28(C)(2)(B) MSSP NCT 25' TO JIMMIE 1-27 (API 047-24020) REC 4/22/13 (DECKER, BY INITIALS)
SPACING - 601579	3/26/2013 - G30 - (640 HOR) 27-20N-5W EXT 597056 MSSP, OTHERS POE TO BHL: NCT 660' FB (SUPERSEDE SP. 44986 MSSLM; SUPERSEDE NON-PRODUCING NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)

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