

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

API NUMBER: 073 24825

Approval Date: 03/07/2013
Expiration Date: 09/07/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 19N Rge: 5W

County: KINGFISHER

SPOT LOCATION: NE NE NE NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 220 303

Lease Name: SHIMANEK

Well No: 11 M1H

Well will be 220 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

STEVE & BESSIE SHIMANEK
RT 3 BOX 23
HENNESSEY OK 73742

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	6051	6	
2	WOODFORD	6552	7	
3			8	
4			9	
5			10	

Spacing Orders: 597322

Location Exception Orders: 602680

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11053

Ground Elevation: 984

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 130

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: 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: 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: 13-22752

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 11 Twp 19N Rge 5W County KINGFISHER

Spot Location of End Point: W2 SE SW SW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 700

Depth of Deviation: 5600

Radius of Turn: 880

Direction: 180

Total Length: 4070

Measured Total Depth: 11053

True Vertical Depth: 6552

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category	Description
DEEP SURFACE CASING	3/6/2013 - 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 - 602680	3/7/2013 - G30 - (I.O.) 11-19N-5W X597322 MSSP SHL 135 FNL, 230 FEL 10-19N-5W** POE NCT 660 FNL, NCT 700 FWL 11-19N-5W 1ST PERF NCT 660 FNL, NCT 700 FWL 11-19N-5W LAST PERF NCT 330 FSL, NCT 700 FWL 11-19N-5W BHL NCT 330 FSL, NCT 700 FWL 11-19N-5W LONGFELLOW ENERGY, L.P. 10/2/12 **SHL TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR
POINT OF ENTRY	3/7/2013 - G30 - WOODFORD POINT OF ENTRY WILL BE GREATER THAN 330' FROM SECTION BOUNDARY LINE PER OPERATOR
SPACING - 597322	3/7/2013 - G30 - (640 HOR) 11-19N-5W EXT 589924 MSSP, WDFD, OTHERS POE TO BHL (MSSP): NCT 660' FB POE TO BHL (WDFD): NCT 330' FB (SUPERSEDE NON-HORIZONTAL NON-PRODUCING SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)