

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

API NUMBER: 073 24801 A

Approval Date: 10/22/2012  
Expiration Date: 04/22/2013

Horizontal Hole Oil & Gas

Amend reason: MOVED SURFACE HOLE LOCATION, BHL, AMEND TD

AMEND 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: 10-M4H 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	6080	6	
2	WOODFORD	6580	7	
3			8	
4			9	
5			10	

Spacing Orders: 597115

Location Exception Orders: 597544

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 10589

Ground Elevation: 983

**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: 12-21635

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 10 Twp 19N Rge 5W County KINGFISHER

Spot Location of End Point: W2 SE SE SE

Feet From: SOUTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 636

Depth of Deviation: 5656

Radius of Turn: 1236

Direction: 180

Total Length: 3697

Measured Total Depth: 10589

True Vertical Depth: 6580

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

Notes:

Category	Description
DEEP SURFACE CASING	10/19/2012 - 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 - 597544	10/22/2012 - G30 - (I.O.) 10-19N-5W X597115 MSSP SHL NCT 150 FNL, NCT 120 FEL 1ST PERF NCT 660 FNL, NCT 660 FEL LAST PERF NCT 330 FSL, NCT 660 FEL LONGFELLOW ENERGY, L.P. 5/11/12
SPACING - 597115	10/22/2012 - G30 - (640 HOR) 10-19N-5W EXT 589924 MSSP, WDFD, OTHERS (COEXIST WITH 44986 MSSLM) (MSSP: NCT 660' FB) (WDFD: NCT 330' FB)

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