API NUMBER: 073 24842

Horizontal Hole Oil & Gas

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

Approval Date: 05/30/2013
Expiration Date: 11/30/2013

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 19N Rge: 5W County: KINGFISHER

SPOT LOCATION: NE NW NW NW FEET FROM QUARTER: FROM **NORTH** FROM **WEST**
SECTION LINES: **255** **358**

Lease Name: JOYCE **Well No: 9-M1H** **Well will be 255 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

WILLARD HLADIK
RT 3 BOX 36
HENNESSEY OK 73742

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

	Name	Depth		Name	Depth
1	MISSISSIPPIAN	6317	6		
2			7		
3			8		
4			9		
5			10		

Spacing Orders: 610346 Location Exception Orders: Increased Density Orders:

Pending CD Numbers: 201303096 Special Orders:

Total Depth: 11051 Ground Elevation: 1030 **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: Yes

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 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: 12-22913
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 09 Twp 19N Rge 5W County KINGFISHER

Spot Location of End Point: SW SE SW SW

Feet From: NORTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 700

Depth of Deviation: 5700

Radius of Turn: 800

Direction: 180

Total Length: 4094

Measured Total Depth: 11051

True Vertical Depth: 6787

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

Notes:

Category	Description
DEEP SURFACE CASING	5/30/2013 - 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
PENDING CD - 201303096	5/30/2013 - G30 - 9-19N-5W X610346 MSSP SHL 255 FNL, 375.5 FWL** POE NCT 660 FNL, NCT 700 FWL BHL NCT 150 FSL, NCT 700 FWL NO OP. NAMED REC 5/29/13 (P.PORTER) **SHL TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR
SPACING - 610346	5/30/2013 - G30 - (640 HOR) 9-19N-5W EXT 597319 MSSP, OTHERS POE TO BHL: NCT 660' FB (SUPSERSEDE SP. 16809 & 44986 MSSSD)

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