API NUMBER: 047 24695

Oil & Gas

Horizontal Hole

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

Approval Date: 05/15/2013
Expiration Date: 11/15/2013

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 20N Rge: 5W County: GARFIELD

SPOT LOCATION: W2 NE NW NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 330 700

Lease Name: PEACH Well No: 33-M1H Well will be 330 feet from nearest unit or lease boundary.

Operator LONGFELLOW ENERGY LP Telephone: 9725909885 OTC/OCC Number: 22113 0

LONGFELLOW ENERGY LP

PO BOX 1989

ADDISON, TX 75001-1989

JOHN & CAROL PEACH 19510 SOUTH 90TH STREET

MARSHALL OK 73056

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

Name Depth Name Depth MISSISSIPPIAN 1 6252 6 2 WOODFORD 6763 7 3 8 4 9 10 597742

Spacing Orders: 597742 Location Exception Orders: 602119 Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 11500 Ground Elevation: 1029 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 310

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION Approved Method for disposal of Drilling Fluids:

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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 12-22059

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

## **HORIZONTAL HOLE 1**

Sec 33 Twp 20N 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: 5950
Radius of Turn: 800
Direction: 180
Total Length: 4293

Measured Total Depth: 11500

True Vertical Depth: 6763

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

Notes:

Category Description

DEEP SURFACE CASING 5/15/2013 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS

OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR

SURFACE CASING

LOCATION EXCEPTION - 602119 5/15/2013 - G75 - (I.O.)

X597742 MSSP

SHL 248 FNL, 1310 FEL 32-20N-5W \*\*

1ST PERF NCT 660 FNL, NCT 700 FWL 33-20N-5W LAST PERF NCT 330 FSL, NCT 700 FWL 33-20N-5W BHL NCT 330 FSL, NCT 700 FWL 33-20N-5W

LONGFELLOW ENERGY, L.P.

9-17-2012

ITD HAS SHL AS 330' FNL, 700' FWL 33-20N-5W; TO BE CORRECTED AT HEARING FOR FINAL

ORDER LOCATION EXCEPTION PER OPERATOR

POINT OF ENTRY 5/15/2013 - G75 - LEGAL FOR WOODFORD PER OPERATOR

SPACING - 597742 5/15/2013 - G75 - (640)(HOR) 33-20N-5W

EST MSSP, WDFD, OTHERS POE TO BHL (MSSP) NCT 660' FB POE TO BHL (WDFD) NCT 330' FB

(SUPERSEDE NON-PRODUCING NON-HORIZONTAL SPACING UNITS INCLUDING ORDER # 45445 MNNG & 44986 MSSSD; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING

UNITS)

X 208006

Y 427418

X:208003 Y:422121

## Well Location Plat

Sec. 33-20N-5W I.M.

Operator: LONGFELLOW ENERGY, LP Lease Name and No.: PEACH 33-M1H

Surface Hole Footage: 330' FNL - 700' FWL GR. ELEVATION: 1029' Good Site? YES

Section: 33 Township: 20N Range: 5W

County: Garfield State of Oklahoma

Alternate Loc.: N/A

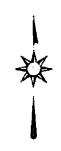
Terrain at Loc.: Location fell in pasture, hilly with 2 drains.

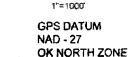
Accessibility: From the East Section Line Road.

Directions: From the Junction of U.S. Highway 81 and State Highway 51 in Hennessey,

OK, go ±5.3 miles North on U.S. Highway 81, Then 8 miles East on "EW 570 Road", then 1

mile South on "NS 2950 Road" to the Northwest Corner of Section 33-20N-5W.



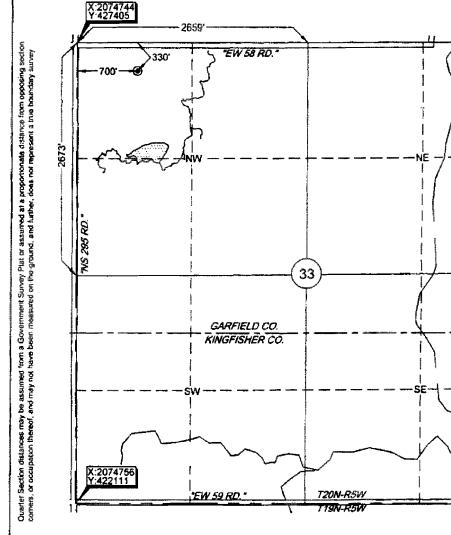


Surface Hole Loc.: Lat: 36°10'22.76"N Lon: 97°44'39.80"W X: 2075445

Y: 427077

NOTE: X and Y data shown hereon for Section Comers may NOT have been surveyed on-the-ground, and further, does NOT represent a tine Boundary Survey.

accuracy of this survey is not quaranteed Please contact Arkorna Surveying and Mapping promptly inconsistency is determined. GPS data is observed from Please note that this location was staked on the ground under supervision of a Licensed Professionel Lend Surveyor, but the



survey and plat by,

Arkoma Surveying and Mapping, PLLC

P.O. Box 238 Wilburton, OK 74578 Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348 Expires June 30, 2014

Invoice # 3419-A

Date Staked: 05/03/13 By: JG Date Drawn: 05/06/13 By: ED

## Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

STAN DRANNON **OK LPLS 1672** 

