

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

API NUMBER: 047 24972

Approval Date: 12/04/2014  
Expiration Date: 06/04/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 14 Twp: 20N Rge: 5W County: GARFIELD  
SPOT LOCATION: SW SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 300 398

Lease Name: BEEBE Well No: 14-M4H Well will be 300 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

ALBERT & JERALDINE BEEBE  
3125 W. OKLAHOMA AVE.  
ENID OK 73703

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6125	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 615296

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201408434

Special Orders:

Total Depth: 10962

Ground Elevation: 1109

**Surface Casing: 1000**

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: 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

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

PERMIT NO: 14-29039

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 14 Twp 20N Rge 5W County GARFIELD

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 700

Depth of Deviation: 5650

Radius of Turn: 541

Direction: 356

Total Length: 4462

Measured Total Depth: 10962

True Vertical Depth: 6500

End Point Location from Lease,  
Unit, or Property Line: 165

Notes:

Category	Description
DEEP SURFACE CASING	11/17/2014 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
PENDING CD - 201408434	12/1/2014 - G75 - (I.O.) 14-20N-5W X615296 MSSP SHL NCT 300 FSL, NCT 382 FEL POE NCT 165 FSL, NCT 700 FEL BHL NCT 165 FNL, NCT 700 FEL NO OP. NAMED REC 12-4-2014 (P. PORTER)
SPACING - 615296	12/1/2014 - G75 - (640)(HOR) 14-20N-5W EXT 609951 MSSP, OTHERS POE TO BHL NCT 660' FB (SUPERSEDE SP. ORDER # 79032 MSSSD SE4 & ORDER # 371387 CSTR SE4; COEXIST SP. ORDER # 79032 MSSSD NE4, NW4, SW4 & ORDER # 371387 CSTR NE4, NW4, SW4)

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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.

API 047-24972

Sec. 14-20N-5W 1.M.

# Well Location Plat

Operator: LONGFELLOW ENERGY, LP  
 Lease Name and No.: BEEBE 14-M4H  
 Footage: 300' FSL - 397.5' FEL PAD ELEVATION: 1109' Good Site? YES  
 Section: 14 Township: 20N Range: 5W 1M  
 County: Garfield State of Oklahoma  
 Alternate Loc.: N/A  
 Terrain at Loc.: Stake fell on existing pad site

Accessibility: From the North  
 Directions: In the town of Douglas, OK, traveling West on "E. Flynn Road" to "NS 298 Road", then go 4.0 miles South on "NS 298 Road" to the Southeast Corner of Section 14-20N-5W.



1"=1000'

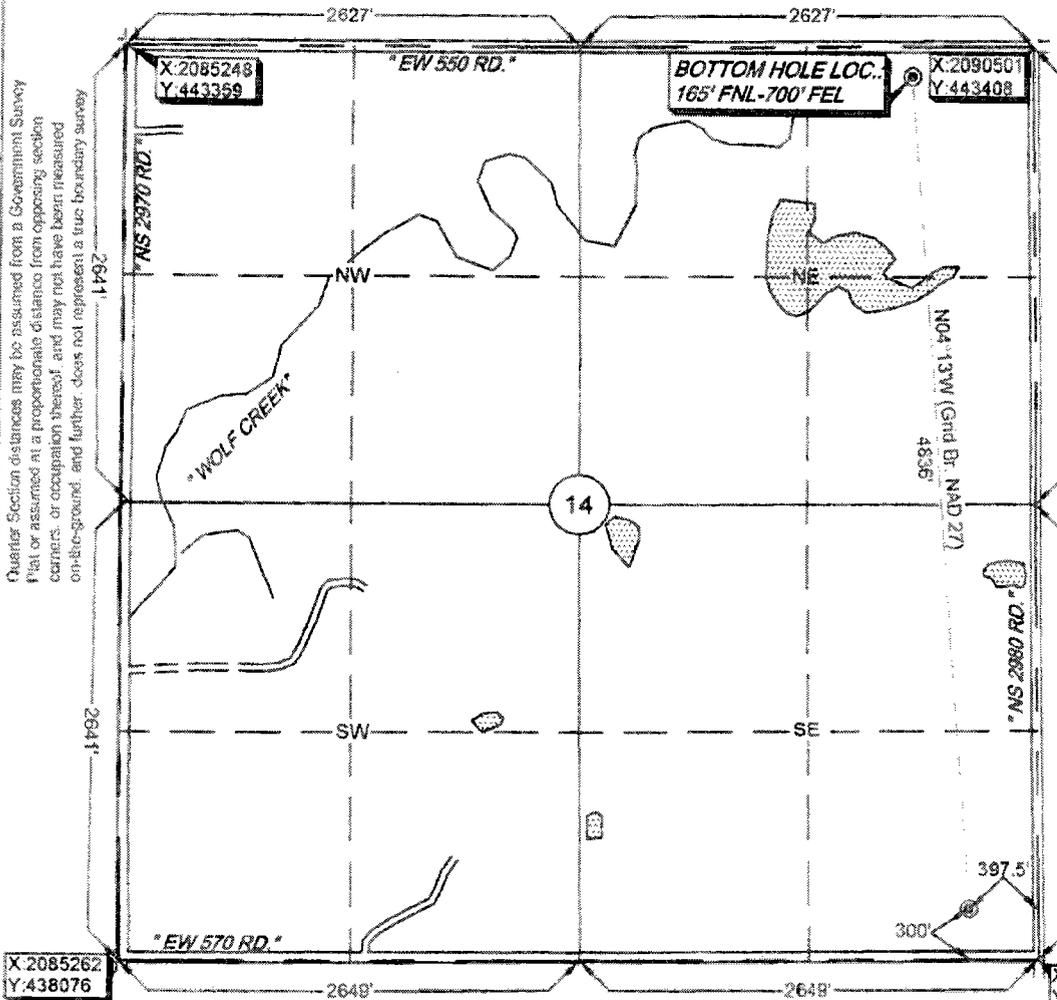
GPS DATUM  
 NAD - 27  
 OK NORTH ZONE

Surface Hole Loc.:  
 Lat: 36°12'14.45"N  
 Lon: 97°41'39.91"W  
 X: 2090158  
 Y: 438413

Bottom Hole Loc.:  
 Lat: 36°13'02.16"N  
 Lon: 97°41'44.05"W  
 X: 2089803  
 Y: 443236

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

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK. GPS



Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey

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, 2016

Invoice #5078  
 Date Staked: 11/12/14 By J.W.  
 Date Drawn: 11/13/14 By T.S

**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* 11/13/14  
 STAN DRANNON OK L.P.S. 1672

