

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

API NUMBER: 047 24886

Approval Date: 06/23/2014  
Expiration Date: 12/23/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 20N Rge: 6W

County: GARFIELD

SPOT LOCATION:  NE  NE  NE  NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 285 297

Lease Name: KOKOJAN

Well No: 31-M1H

Well will be 285 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  
26156 STATE HIGHWAY 51  
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	6481	6
2			7
3			8
4			9
5			10

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201402789  
201402790

Special Orders:

Total Depth: 11357

Ground Elevation: 1083

**Surface Casing: 1000**

Depth to base of Treatable Water-Bearing FM: 490

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: KINGMAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-26978  
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 31 Twp 20N Rge 5W County KINGFISHER

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 700

Depth of Deviation: 6100

Radius of Turn: 800

Direction: 168

Total Length: 4000

Measured Total Depth: 11357

True Vertical Depth: 6900

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

Notes:

Category	Description
DEEP SURFACE CASING	5/23/2014 - 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 - 201402789	5/27/2014 - G75 - (640)(HOR) 31-20N-5W EXT 593036 MSSP, OTHERS POE TO BHL NCT 660' FB (SUPERSEDE SP. ORDER # 44355 MNNG SE4 & # 45445/45606 MNNG NE4 & ORDER # 44986/47301 MSSSD NE4 & SE4; COEXIST SP. ORDER # 45445/45606 MNNG NW4 & ORDER # 44986/47301 MSSSD NW4 & SW4) ** REC 5-6-2014 (M. PORTER)  ** S/B COEXIST SP. ORDER # 45445/45606 MNNG NW4 & SW4; CORRECTED IN COPY OF ORDER SUBMITTED TO OCC FOR REVIEW BY ATTORNEY FOR OPERATOR
PENDING CD - 201402790	5/27/2014 - G75 - (I.O.) X201402789 MSSP SHL 285 FNL, 297 FEL 36-20N-6W POE NCT 165 FNL, NCT 700 FWL 31-20N-5W BHL NCT 165 FSL, NCT 700 FWL 31-20N-5W NO OP. NAMED REC 5-27-2014 (CANDLER)

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.

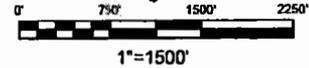


# Well Location Plat

S.H.L. Sec. 36-20N-6W I.M.  
B.H.L. Sec. 31-20N-5W I.M.

API 047-24886

Operator: LONGFELLOW ENERGY, LP  
Lease Name and No. : KOKOJAN 31-M1H  
Footage : 285' FNL - 297.5' FEL PAD ELEVATION : 1083' Good Site? YES  
Section: 36 Township: 20N Range: 6W I.M.  
County : Garfield State of Oklahoma  
Alternate Loc. : N/A  
Terrain at Loc. : Stake fell on Existing Pad.



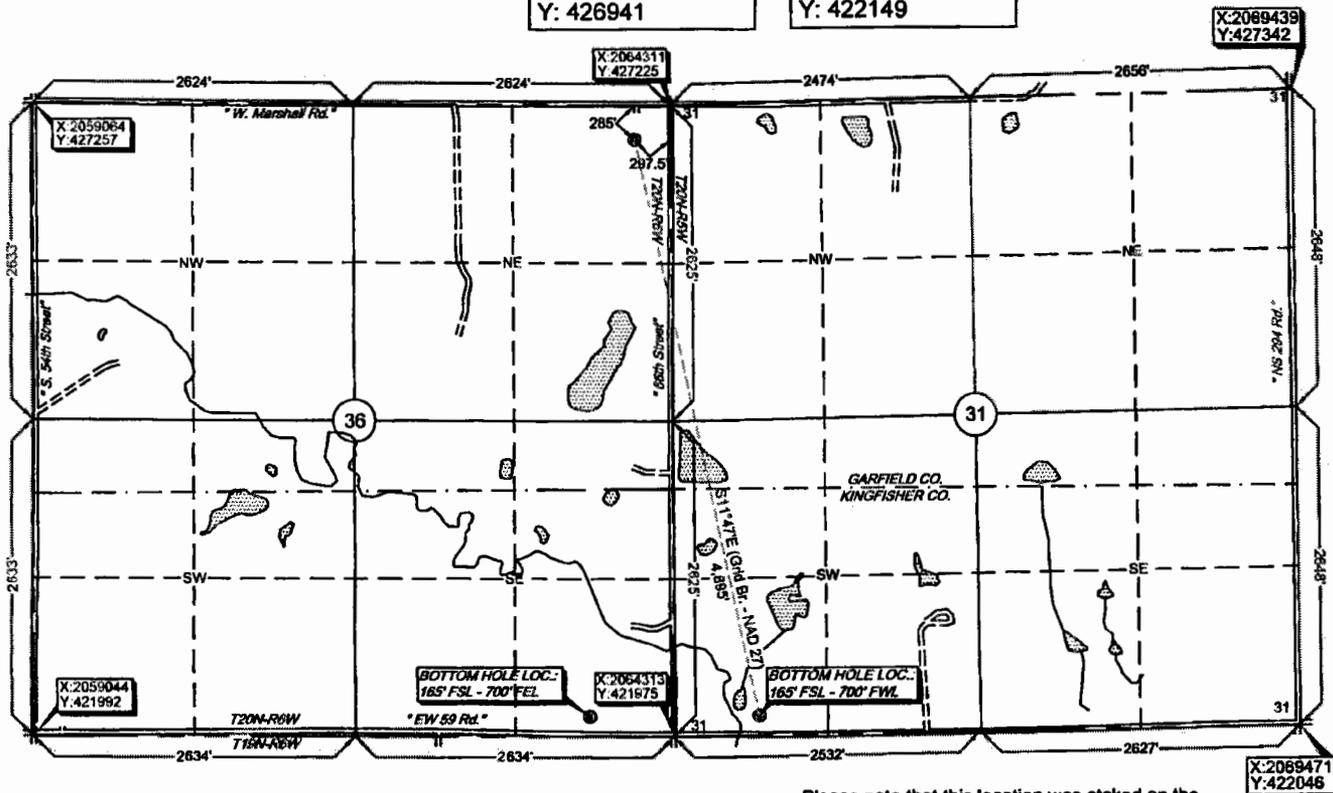
GPS DATUM  
NAD - 27  
OK NORTH ZONE

Accessibility : From the West.  
Directions : From the junction of U.S. Highway 81 and State Highway 51 in Hennessey, OK, go 7.5 miles East on Highway 51 then 4.0 miles North on county road to the Northeast Corner of Section 36-20N-6W.

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.

Surface Hole Loc.:  
Lat: 36°10'21.70"N  
Lon: 97°46'59.23"W  
X: 2064013  
Y: 426941

Bottom Hole Loc.:  
Lat: 36°09'34.28"N  
Lon: 97°46'47.18"W  
X: 2065013  
Y: 422149



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.

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.

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 #4493  
Date Staked : 04/04/14 By : J.W.  
Date Drawn : 04/08/14 By : R.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* 4/9/14  
STAN DRANNON OK LPLS 1672

