

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

API NUMBER: 047 24947

Approval Date: 10/15/2014

Expiration Date: 04/15/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 20N Rge: 6W

County: GARFIELD

SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 215 615

Lease Name: WEBER

Well No: 13-M4H

Well will be 215 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

GENE HOUSTON
5422 E. BISON RD.
BISON OK 73720

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6328	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 595317

Location Exception Orders: 201202284

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11016

Ground Elevation: 1038

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 440

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: 14-28534

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 13 Twp 20N Rge 6W 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: 850

Direction: 358

Total Length: 4031

Measured Total Depth: 11016

True Vertical Depth: 6500

End Point Location from Lease,

Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

10/15/2014 - G76 - 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 - 201202284

10/15/2014 - G91 - 13-20N-6W
X 595317 MSSP
SHL 215 FNL, 660 FEL ** 24-20N-6W
POE NCT 165 FSL, NCT 660 FEL 13-20N-6W
BHL NCT 165 FNL, NCT 660 FEL 13-20N-6W
REC. 8-15-2014 (PORTER)

** SHL TO BE CORRECTED PER OPERATOR**

SPACING - 595317

10/15/2014 - G91 - (640)(HOR)13-20N-6W
EST OTHERS
EXT 590856 MSSP, OTHERS
POE TO BHL NCT 660' FB
(SUPERSEDE SP. ORDERS # 146584 MISS, 158763 MSSSD, 165933 MSSSD)

This permit does not address the right of entry or settlement of surface damages.

047 24947 WEBER 13-M4H

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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. 24-20N-6W I.M.
B.H.L. Sec. 13-20N-6W I.M.

Operator: LONGFELLOW ENERGY, LP
Lease Name and No.: WEBER 13-M4H
Footage: 215' FNL - 615' FEL GR. ELEVATION: 1028' Good Site? YES
Section: 24 Township: 20N Range: 6W I.M.
County: Garfield State of Oklahoma
Terrain at Loc.: Stake fell on existing white rock pad, Northwest of existing well (Weber 24-M4H).

047-24947



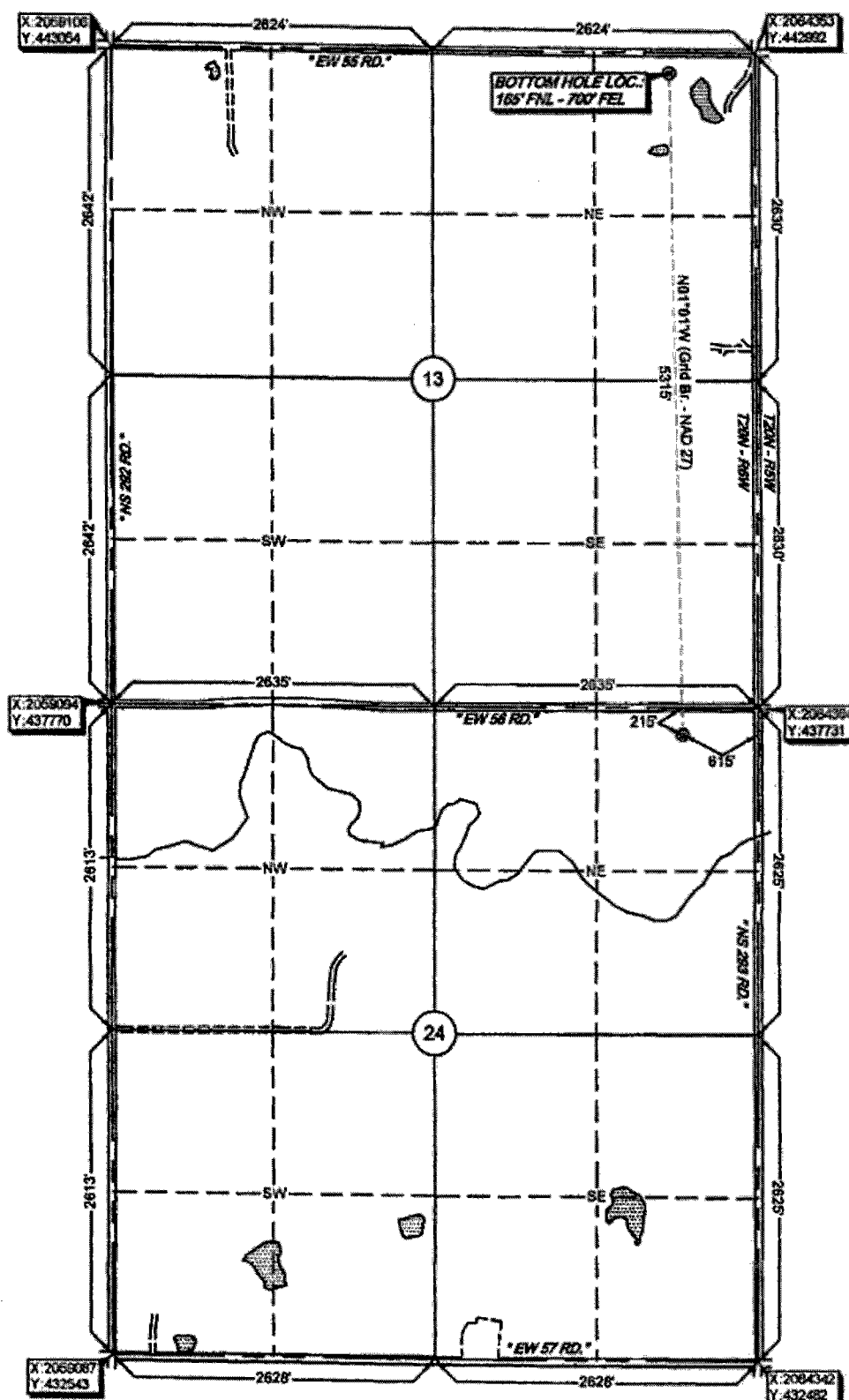
Accessibility: From the West.

Directions: From the junction of State Highway 51 & U.S. Highway 81 in the town of Hennessee, OK, go ± 5.5 miles East on Hwy. 51 to "NS 292 CR", go North on "NS 292 CR" ± 5 miles to the Southwest Corner of Section 24-20N-6W.

GPS DATUM
NAD - 27
OK NORTH ZONE

Surface Hole Loc.:
Lat: 36°12'06.32"N
Lon: 97°47'02.18"W
X: 2063748
Y: 437521

Surface Hole Loc.:
Lat: 36°12'58.88"N
Lon: 97°47'03.19"W
X: 2063654
Y: 442835



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.

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.

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 # 4925
Date Staked: 09/21/14 By: J.W.
Date Drawn: 09/24/14 By: J.H.

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 9/24/14
STAN DRANNON OK LPLS 1672

