

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

API NUMBER: 047 24958

Approval Date: 11/04/2014
Expiration Date: 05/04/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 20N Rge: 6W County: GARFIELD
SPOT LOCATION: NE NW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 215 368

Lease Name: WILLIAMS Well No: 16-M1H 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

AGNES WILLIAMS FORBES TRUST
3214 S. LEONA MITCHELL BLVD.
ENID OK 73701

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6744	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 626338

Location Exception Orders: 632401

Increased Density Orders:

Pending CD Numbers: 201406940

Special Orders:

Total Depth: 11587

Ground Elevation: 1131

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 380

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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: SALT PLAINS

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-28739

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 16 Twp 20N Rge 6W County GARFIELD

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 900

Depth of Deviation: 6250

Radius of Turn: 850

Direction: 7

Total Length: 4002

Measured Total Depth: 11587

True Vertical Depth: 7100

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

Notes:

Category	Description
DEEP SURFACE CASING	10/23/2014 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
LOCATION EXCEPTION - 632401	11/4/2014 - G75 - (I.O.) X626338 MSSP SHL 230 FNL, 386 FWL 21-20N-6W ** POE NCT 165 FSL, NCT 860 FWL 16-20N-6W BHL NCT 165 FNL, NCT 860 FWL 16-20N-6W LONGFELLOW ENERGY, L.P. 10-30-2014 ** ITD HAS SHL AS 215 FNL, 368 FWL 21-20N-6W; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR
PENDING CD - 201406940	11/4/2014 - G75 - (I.O.) 16-20N-6W X165:10-3-28(C)(2)(B) MSSP (WILLIAMS 16-M1H) COMPL. INT. MAY BE CLOSER THAN 600' TO FELBER 16-2 NO OP. NAMED REC 10-8-2014 (NORRIS)
SPACING - 626338	11/4/2014 - G75 - (640)(HOR) 16-20N-6W EST MSSP, OTHERS POE TO BHL NCT 660' FB (SUPERSEDE SP. ORDER # 140372 MGLCS, MISS N2; COEXIST SP. ORDER # 140372 MGLCS, MISS S2)

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