

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

API NUMBER: 083 24374

Approval Date: 01/29/2015

Expiration Date: 07/29/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 17N Rge: 3W

County: LOGAN

SPOT LOCATION: NE NW NE NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 250 800

Lease Name: SEG WOOD DUCK

Well No: 2-6MH

Well will be 250 feet from nearest unit or lease boundary.

Operator Name: STEPHENS ENERGY GROUP LLC

Telephone: 4797834191

OTC/OCC Number: 23535 0

STEPHENS ENERGY GROUP LLC
PO BOX 8105
FORT SMITH, AR 72902-8105

CAROL V. RICKS
6501 BROOKLINE #101
OKLAHOMA CITY OK 73112

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5800	6
2			7
3			8
4			9
5			10

Spacing Orders: 606981

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201407805

Special Orders:

Total Depth: 10500

Ground Elevation: 1001

Surface Casing: 600

Depth to base of Treatable Water-Bearing FM: 220

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: GARBER

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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 06 Twp 17N Rge 3W County LOGAN

Spot Location of End Point: SE SW SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 900

Depth of Deviation: 5150

Radius of Turn: 600

Direction: 190

Total Length: 4400

Measured Total Depth: 10500

True Vertical Depth: 5800

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category	Description
DEEP SURFACE CASING	12/2/2014 - G71 - 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
PENDING CD - 201407805	1/12/2015 - G76 - 6-17N3W X606981 MSSP, OTHERS COMPL. INT. NCT 150 FNL, NCT 150 FSL, NCT 660 FEL NO OP. NAMED REC. 1/28/2015 (NORRIS)
SPACING - 606981	1/12/2015 - G76 - (640)(HOR) 6-17N-3W VAC 70823 MSSLM EXT 602346 MSSP, OTHERS POE TO BHL NCT 660' FB (SUPERSEDE NON-PRODUCING NON-HORIZONTAL SPACING UNITS)

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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.