

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

API NUMBER: 083 24257

Approval Date: 02/04/2014

Expiration Date: 08/04/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 18N Rge: 3W

County: LOGAN

SPOT LOCATION: ☐ SW ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 175 1575

Lease Name: NETTLE

Well No: 2-25-36H

Well will be 175 feet from nearest unit or lease boundary.

Operator Name: STEPHENS PRODUCTION CO

Telephone: 4797834191

OTC/OCC Number: 23030 0

STEPHENS PRODUCTION CO
623 GARRISON AVE
FORT SMITH, AR 72902-2407

KENNETH HOPFER
2547 TIMBER BROOK LANE
CENTERVILLE OH 45458

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5463	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 613443

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201400285
201308727

Special Orders:

Total Depth: 10800

Ground Elevation: 913

Surface Casing: 600

Depth to base of Treatable Water-Bearing FM: 40

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: 1A

Liner required for Category: 1A

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. 20-MIL LINER REQUIRED

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 36 Twp 18N Rge 3W County LOGAN

Spot Location of End Point: SE SE SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1000

Depth of Deviation: 5000

Radius of Turn: 700

Direction: 180

Total Length: 5000

Measured Total Depth: 10800

True Vertical Depth: 5700

End Point Location from Lease,

Unit, or Property Line: 50

Additional Surface Owner	Address	City, State, Zip
WAYNE HOPFER	1644 ILA PERDUE DR	KNOXVILLE, TN 37931

Notes:

Category	Description
DEEP SURFACE CASING	1/31/2014 - 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 - 201308727	2/4/2014 - G30 - 36-18N-3W X613443 MSSP 2 WELS NO OP. NAMED REC 1/31/14 (NORRIS)
PENDING CD - 201400285	2/4/2014 - G30 - 36-18N-3W X613443 MSSP COMP. INT. NCT 150 FNL/FSL, NCT 660 FWL NO OP. NAMED REC 1/31/14 (NORRIS)
SPACING - 613443	2/4/2014 - G30 - (640 HOR) 36-18N-3W DEL 54903 MSSLM (N2 & SE4) DEL 365227 MSSLM, OTHER (SW4) EXT 608137 MSSP, OTHER POE TO BHL NCT 660' FB (COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS; SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS)

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083 24257 NETTLE 2-25-36H

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