

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

API NUMBER: 083 24347

Approval Date: 10/29/2014

Expiration Date: 04/29/2015

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 19N Rge: 4W

County: LOGAN

SPOT LOCATION:

NW

SE

SW

SW

FEET FROM QUARTER: FROM

SOUTH

FROM

WEST

SECTION LINES:

390

975

Lease Name: ROSS

Well No: 1-20-29H

Well will be 390 feet from nearest unit or lease boundary.

Operator Name: STEPHENS PRODUCTION CO

Telephone: 4797834191

OTC/OCC Number: 23030 0

STEPHENS PRODUCTION CO

PO BOX 2407

FORT SMITH, AR 72902-2407

DAVIS FARMS

3919 SOUTH BROADWAY

GUTHRIE OK 73044

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5490	6	
2	WOODFORD	5648	7	
3			8	
4			9	
5			10	

Spacing Orders: 629319

Location Exception Orders: 631909

Increased Density Orders:

Pending CD Numbers: 201408019

Special Orders:

Total Depth: 10900

Ground Elevation: 1000

**Surface Casing: 650**

Depth to base of Treatable Water-Bearing FM: 120

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: WATER BASED

Chlorides Max: 3000 Average: 2500

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

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 29 Twp 19N Rge 4W County LOGAN

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 800

Depth of Deviation: 5000

Radius of Turn: 700

Direction: 182

Total Length: 4800

Measured Total Depth: 10900

True Vertical Depth: 5648

End Point Location from Lease,

Unit, or Property Line: 50

## Notes:

### Category

### Description

DEEP SURFACE CASING

9/15/2014 - G76 - 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 - 631909

10/16/2014 - G75 - (I.O.) 29-19N-4W  
X629319 MSSP, WDFD  
COMPL. INT. NCT 150 FNL, NCT 150 FSL, NCT 660 FWL  
STEPHENS PROD. CO.  
10-16-2014

PENDING CD - 201408019

10/29/2014 - G75 - MODIFY 629319 TO VAC 63648 MSSLM E2 NW4, NE4, SE4, E2 SW4 & COEXIST SP. ORDER # 63648 MSSLM W2 NW4 & W2 SW4  
HEARING 11-17-2014 (OK'D PER MCCOY)

SPACING - 629319

10/16/2014 - G75 - (640)(HOR) 29-19N-4W  
VAC 63648 MSSLM N2, SE4, E2 SW4  
EXT 621608 MSSP, WDFD  
POE TO BHL (MSSP) NCT 660' FB  
POE TO BHL (WDFD) NCT 330' FB  
(COEXIST SP. ORDER # 63648 MSSLM W2 SW4)

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083 24347 ROSS 1-20-29H