

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

API NUMBER: 083 24279

Approval Date: 03/25/2014
Expiration Date: 09/25/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 16N Rge: 4W

County: LOGAN

SPOT LOCATION: NE NE NE NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 225 2425

Lease Name: WILLSON

Well No: 3-8-5H

Well will be 225 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

CHARLES & JEAN WILLSON
3116 SAWGRASS RD
EDMOND OK 73034

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

Name	Depth	Name	Depth
1 HUNTON	6830	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 616222

Location Exception Orders:

Increased Density Orders: 623075

Pending CD Numbers: 201400717

Special Orders:

Total Depth: 11650

Ground Elevation: 1004

Surface Casing: 600

Depth to base of Treatable Water-Bearing FM: 250

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: 1B

Liner required for Category: 1B

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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 05 Twp 16N Rge 4W County LOGAN

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 700

Depth of Deviation: 6385

Radius of Turn: 600

Direction: 346

Total Length: 4350

Measured Total Depth: 11650

True Vertical Depth: 6935

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

Notes:

Category	Description
DEEP SURFACE CASING	3/18/2014 - 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
INCREASED DENSITY - 623075	3/25/2014 - G30 - 5-16N-4W X616222 HNTN 1 WELL STEPHENS PRODUCTION COMPANY 3/24/14
PENDING CD - 201400717	3/25/2014 - G30 - 5-16N-4W X616222 HNTN COMP. INT. NCT 150 FSL, NCT 150 FNL, NCT 660 FWL NO OP. NAMED REC 2/24/14 (P.PORTER)
SPACING - 616222	3/25/2014 - G30 - (640 HOR) 5-16N-4W EXT 608814/613119 HNTN, OTHER POE TO BHL NCT 660' FB (COEXIST WITH SP. 164264 HNTN, HERREN 5 1, NE4, API 083-21544 & WILLSON 1, SW4, API 083-21453)

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