

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

API NUMBER: 083 24361

Approval Date: 12/23/2014  
Expiration Date: 06/23/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 18N Rge: 4W

County: LOGAN

SPOT LOCATION:  SE  SE  SW  SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 210 1000

Lease Name: SEG BLUE QUAIL

Well No: 1-25-36MH

Well will be 210 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

JOHN SCHWARTZ  
505 N. BOULEVARD  
EDMOND OK 73034

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5800	6	
2	WOODFORD	6100	7	
3	HUNTON	6200	8	
4			9	
5			10	

Spacing Orders: 619967

Location Exception Orders: 620519

Increased Density Orders:

Pending CD Numbers: 201409286

Special Orders:

Total Depth: 11036

Ground Elevation: 1045

**Surface Casing: 800**

Depth to base of Treatable Water-Bearing FM: 450

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is NON HSA

Pit Location Formation: FAIRMONT

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 36 Twp 18N Rge 4W County LOGAN

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 100

Feet From: WEST 1/4 Section Line: 900

Depth of Deviation: 5400

Radius of Turn: 600

Direction: 182

Total Length: 4693

Measured Total Depth: 11036

True Vertical Depth: 6200

End Point Location from Lease,  
Unit, or Property Line: 100

Notes:

Category	Description
DEEP SURFACE CASING	12/19/2014 - 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 - 620519	12/23/2014 - G75 - (I.O.) 36-18N-4W X619967 MSSP, WDFD, HNTN COMPL. INT. NCT 200 FNL, NCT 200 FSL, NCT 660 FWL SLAWSON EXPLOR. CO., INC. 1-17-2014
PENDING CD - 201409286	12/23/2014 - G75 - MOD 620519 CHANGING OPERATOR TO STEPHENS ENERGY GROUP, LLC HEARING 1-13-2015 (OK'D PER MCCOY)
SPACING - 619967	12/23/2014 - G75 - (640)(HOR) 36-18N-4W VAC 179523 MISS, MSRH EXT 614130 MSSP, WDFD, HNTN POE TO BHL (MSSP, HNTN) NCT 660' FB POE TO BHL (WDFD) NCT 330' FB
SURFACE LOCATION	12/23/2014 - G75 - 210' FSL, 1000' FWL SW4 25-18N-4W PER SURVEY PLAT

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.

# Well Location Plat

S.H.L. Sec. 25-18N-4W I.M.  
B.H.L. Sec. 36-18N-4W I.M.

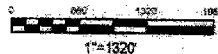
API 083-24361

Operator: STEPHENS ENERGY GROUP  
Lease Name and No.: BLUE QUAIL #1-25-36MH  
Footage: 210' FSL - 1000' FWL GR. ELEVATION: 1045' Good Site? YES  
Section: 25 Township: 18N Range: 4W I.M.  
County: Logan State of Oklahoma  
Alternate Loc.: N/A  
Terrain at Loc.: Stake fell in pasture with light timber, North and East of existing barbed wire fence.



Accessibility: From the South.

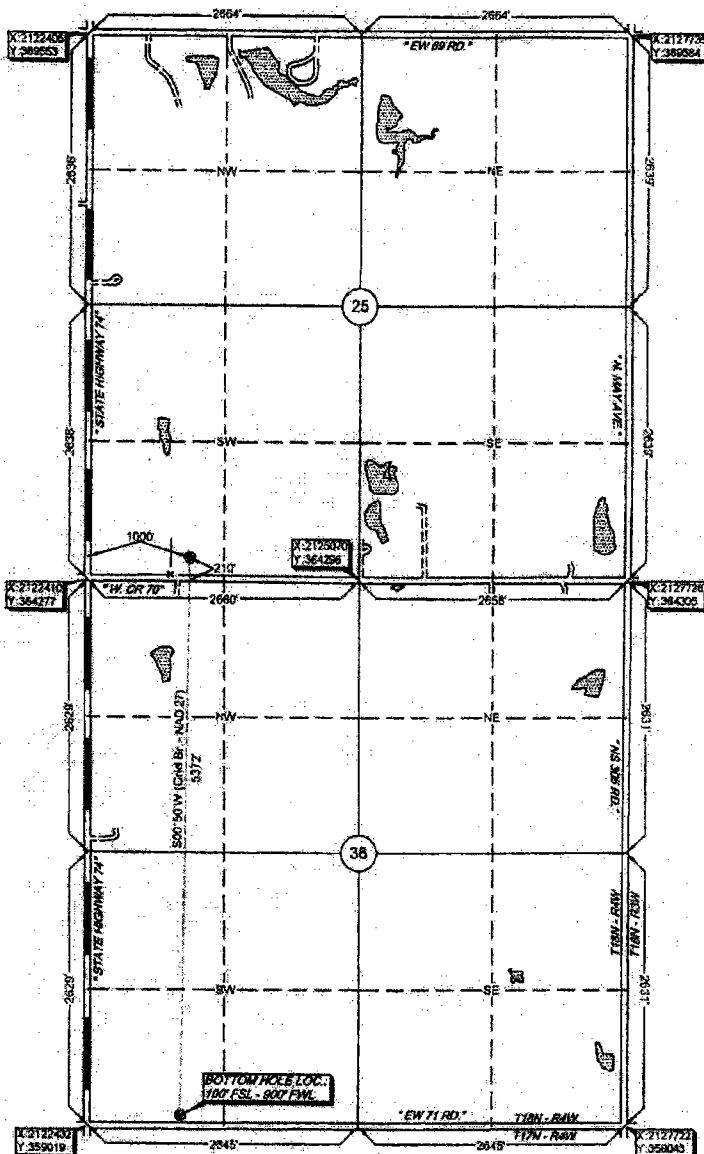
Directions: From the junction of State Highway 74 and State Highway 74C in the town of Crescent, OK, go 3.1 miles North on State Highway 74 and 0.25 Miles East on "W. CR 70" to the Southwest Corner of Section 25-18N-4W.



GPS DATUM  
NAD - 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 36°00'02.19"N  
Lon: 97°34'58.05"W  
X: 2123410  
Y: 364494

Bottom Hole Loc.:  
Lat: 35°59'09.04"N  
Lon: 97°34'59.29"W  
X: 2123332  
Y: 359120



Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from adjoining section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

NOTE: X and Y data shown herein for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of the survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.

survey and plat by:  
**Arkoma Surveying and Mapping, PLLC**  
P.O. Box 238 Wilburton, OK 74578  
Ph. 918-485-5711 Fax 918-465-5030

Certificate of Authorization No. 5348  
Expires June 30, 2016.

Invoice # 5106  
Date Staked: 11/21/14 By: J.W.  
Date Drawn: 11/27/14 By: J.H.

Certification:  
This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

*Stan Drannon* 12/1/14  
STAN DRANNON OK-LPLS 1672

