

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

API NUMBER: 109 22421 A

Approval Date: 03/18/2014

Expiration Date: 09/18/2014

Directional Hole Oil & Gas

Amend reason: ADD FORMATIONS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 11N Rge: 2W

County: OKLAHOMA

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1808 350

Lease Name: OKC SO WILCOX UNIT

Well No: 19-10

Well will be 350 feet from nearest unit or lease boundary.

Operator Name: STEPHENS & JOHNSON OPERATING CO

Telephone: 9407165376; 9407165

OTC/OCC Number: 19113 0

STEPHENS & JOHNSON OPERATING CO
P.O. Box 2249
WICHITA FALLS, TX 76307-2249

STEPHENS & JOHNSON OPERATING CO
PO BOX 2249
WICHITA FALLS TX 76307

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

Name	Depth	Name	Depth
1 WILCOX	6449	6	
2 MCLISH	6600	7	
3		8	
4		9	
5		10	

Spacing Orders: 30116

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 7200

Ground Elevation: 1281

Surface Casing: 1260

Depth to base of Treatable Water-Bearing FM: 1020

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: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

E. Haul to Commercial pit facility: Sec. 24 Twn. 8N Rng. 8W Cnty. 51 Order No: 393756

Is depth to top of ground water greater than 10ft below base of pit? Y

H. CLOSED SYSTEM=STEEL PITS (REQUIRED BY ORDER 67309)

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: KINGMAN

DIRECTIONAL HOLE 1

Sec 32 Twp 11N Rge 2W County OKLAHOMA

Spot Location of End Point: SE NW SW SW

Feet From: SOUTH 1/4 Section Line: 700

Feet From: WEST 1/4 Section Line: 500

Measured Total Depth: 7200

True Vertical Depth: 7050

End Point Location from Lease,

Unit, or Property Line: 500

Notes:

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.

Category	Description
FRAC FOCUS	3/14/2014 - G71 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS WILL BE EXTENDED TO INCLUDE ALL NON-HORIZONTAL WELLS FOR HYDRAULIC FRACTURING OPERATIONS BEGINNING JANUARY 1, 2014. REFER TO OCC RULE 165:10-3-10 FOR COMPLIANCE REQUIREMENTS. PLEASE REPORT DIRECTLY TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
SPACING	4/10/2014 - G30 - MCLS UNSPACED, 160 ACRE LEASE (SW4)
SPACING - 30116	3/18/2014 - G30 - (UNIT) SW4 32-11N-2W EST OKLAHOMA CITY SOUTH WILCOX SAND UNIT FOR WLCX