API NUMBER: 109 22423

Straight Hole

Oil & Gas

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

Approval Date: 05/08/2014

Expiration Date: 11/08/2014

PERMIT TO DRILL

SPOT LOCATION:	S2	NE	NV	N	sw	٦	FEET FROM QUARTER:	FROM	SOUTH	FROM	WEST
						_	SECTION LINES:				

Lease Name: SIGMON Well No: 9 Well will be 405 feet from nearest unit or lease boundary.

Operator STEPHENS & JOHNSON OPERATING CO Telephone: 9407165376; 9407165 OTC/OCC Number: 19113 0

STEPHENS & JOHNSON OPERATING CO

PO BOX 2249

WICHITA FALLS, TX 76307-2249

STEPHENS & JOHNSON OPERATING CO.

P.O. BOX 2249

WICHITA FALLS TX 76307

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

	Name	Depth	Name	Depth
1	WILCOX	6449	6	
2	TULIP CREEK	6520	7	
3	MCLISH	6600	8	
4			9	
5			10	
ing Orders:	30116	Location Exception Orders:		Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 7000 Ground Elevation: 1275 **Surface Casing: 1220** 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: 1500

Within 1 mile of municipal water well? N
Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Spacir

Liner not required for Category: C
Pit Location is BED AQUIFER
Pit Location Formation: KINGMAN

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

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

Notes:

Category Description

FRAC FOCUS

5/8/2014 - 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** 5/8/2014 - G75 - TULIP CREEK, MCLISH UNSPACED; 160-ACRE LEASE (SW4)

**SPACING - 30116** 5/8/2014 - G75 - (UNIT) SW4 32-11N-2W

EST OKLAHOMA CITY SOUTH WILCOX SAND UNIT FOR WLCX

SURFACE LOCATION 5/8/2014 - G75 - 405' FNL, 2232' FSL, 990' FWL, 1636' FEL SW4 32-11N-2W PER SURVEY PLAT

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293. OKLAHOMA OKLAHOMA County, Oklahoma
405'FNL-990'FWL-5W/4 Section 32 Township 11N Range 2W i.M. ACT 109-22423 35'23'04.0"N 97'26'27.3"W 35.384448950'N 97.440903732'V X= 2166873 Y= 140425 35'23'04.2"N 97'25'23.8"W 35.384489255'N 97.423277689'W X= 2171927 Y= 140470 405 1636 990 SURFACE HOLE 405'FNL-990'FWL-NAD-83 (US Feet) 35.383407267' N 97.437892905' W 2232 Scale: 1"= 1000" Township Line T11N-R2W County Line OKLAHOMA CO., 35'22'38.0"N 97'26'27,2"W 35,377'213806' 97.440886168' X= 2166693 Y= 1377'91 CLEVELAND CO. Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in I brackets) are based on GLO (General Land Office) distances and have <u>MOT</u> been measured on the ground. A boundary survey of the said section(s) shown hereon was not performed per the request of the operator shown hereon. **ELEVATION:** Operator: STEPHENS & JOHNSON OPERATING COMPANY 1275' Gr. at Stake NGVD29 Lease Name: SIGMON Well No .: \_ 1276' Gr. at Stake NAVD88 Topography & Vegetation Loc. fell in grassy pasture Reference Stakes or Alternate Location Stakes Set None Good Drill Site? \_\_\_ Stakes Set \_ Best Accessibility to Location\_ From West off county road Distance & Direction From Jct. SE 59th St. and S. Eastern Ave. in Valley Brook, OK, go ±2.0 mi. East from Hwy Jct or Town on SE 59th St., then ±2.0 mi. South on S. Sunnylane Rd. to the SW Cor. of Sec. 32-T11N-R2W Date of Drawing: Jan. 13, 2014 SIONAL Invoice # 214214 Date Staked: Jan. 09, 2014 AC

DATUM: NAD-27 LONG: 97'26'15.3"W ELAT: 35.383344115' N LONG: 97.437579662° W STATE PLANE COORDINATES: (US Feet) 書景 ZONE: OK NORTH 2167666 X: 140028

**CERTIFICATE:** 

I, Inomas L. Howell a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Oklahoma Lic. No. \_

THOMAS L. HOWELL 1433 -15-1 LAHOMA