

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

API NUMBER: 019 26126

Approval Date: 09/02/2014  
Expiration Date: 03/02/2015

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 2S Rge: 3W

County: CARTER

SPOT LOCATION:  SE  NW  SE  SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 810 740

Lease Name: FOX DEESE SPRINGER UNIT

Well No: 49-14

Well will be 740 feet from nearest unit or lease boundary.

Operator Name: CHAPARRAL ENERGY LLC

Telephone: 4054264481; 4054264

OTC/OCC Number: 16896 0

CHAPARRAL ENERGY LLC  
701 CEDAR LAKE BLVD  
OKLAHOMA CITY, OK 73114-7800

APPLE GROUP BANK OF OKLAHOMA/MARK CHOPLIN  
P.O. BOX 3499  
TULSA OK 74101

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

	Name	Depth	Name	Depth
1	FUSILINA LOW	2975	6	
2	TUSSY	3535	7	
3	CARPENTER	3805	8	
4	MORRIS	4030	9	
5	SIMS	5040	10	

Spacing Orders: 133291

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 5200

Ground Elevation: 1055

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 960

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: GARBER

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

DIRECTIONAL HOLE 1

Sec 29 Twp 2S Rge 3W County CARTER

Spot Location of End Point: nn C SE SE

Feet From: SOUTH 1/4 Section Line: 660

Feet From: EAST 1/4 Section Line: 660

Measured Total Depth: 5200

True Vertical Depth: 5040

End Point Location from Lease,

Unit, or Property Line: 660

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.

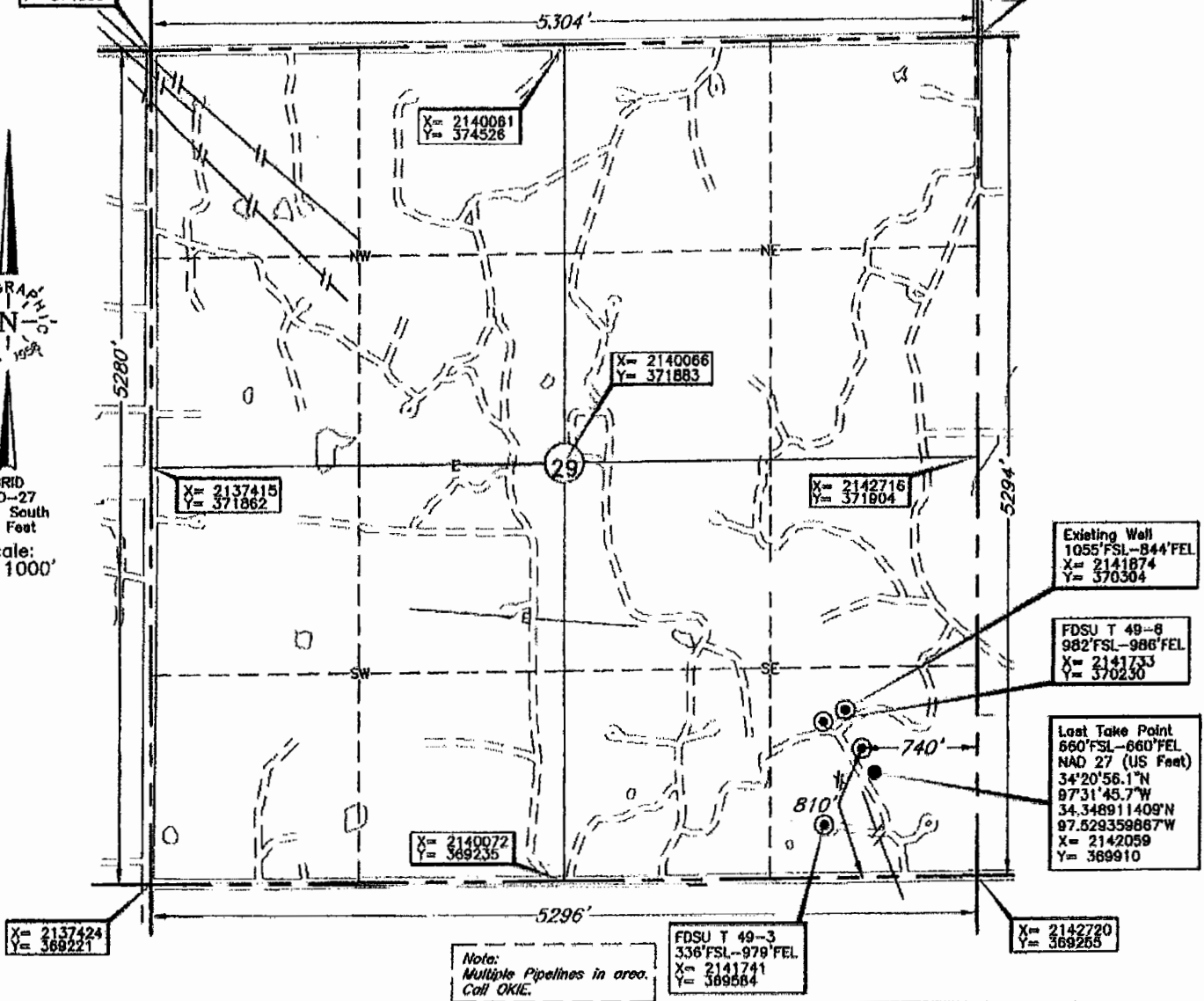
Category	Description
DEEP SURFACE CASING	7/8/2014 - G76 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
FRAC FOCUS	7/8/2014 - G76 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS 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 <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
SPACING - 133291	9/2/2014 - G75 - (UNIT) SE4 29-2S-3W EST FOX DEESE-SPRINGER UNIT TOP FSLNL TO BASE SIMS

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.

019 26126 FOX DEESE SPRINGER UNIT 49-14

CARTER County, Oklahoma

810' FSL - 740' FEL Section 29 Township 2S Range 3W I.M.



Operator: CHAPARRAL ENERGY, LLC.

Lease Name: FDSU

Well No.: 49-14

**ELEVATION:**

1055' Gr. at Stake

Topography & Vegetation Loc. fell in rough terrain.

Good Drill Site? Yes

Reference Stakes or Alternate Location  
 Stakes Set None

Best Accessibility to Location From county road South of location.

Distance & Direction  
 from Hwy Jct or Town From Clemscott, Oklahoma, go ±4.0 mi. West to the SE Corner of Section 29, T2S-R3W.

SURFACE HOLE  
 DATUM: NAD-27  
 LAT: 34°20'57.6"N  
 LONG: 97°31'46.6"W  
 LAT: 34.349323066° N  
 LONG: 97.529623510° W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: OK SOUTH  
 X: 2141979  
 Y: 370060

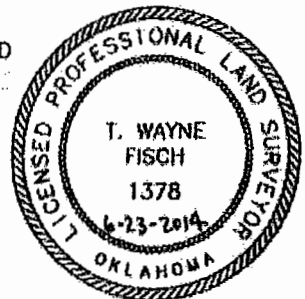
Revision  A Date of Drawing: June 23, 2014  
 Invoice # 217310 Date Staked: Mar. 5, 2014

AD

**CERTIFICATE:**

I, T. Wayne Fisch a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

T. Wayne Fisch  
 Oklahoma Lic. No. 1378



This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy