

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

API NUMBER: 019 26149

Approval Date: 12/02/2014
Expiration Date: 06/02/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 3S Rge: 3W County: CARTER
SPOT LOCATION: NW SE SW NE FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 515 720

Lease Name: COLONEL T Well No: 1-1 Well will be 515 feet from nearest unit or lease boundary.
Operator Name: SPRING OPERATING COMPANY Telephone: 4053406811 OTC/OCC Number: 20386 0

SPRING OPERATING COMPANY
PO BOX 2048
EDMOND, OK 73083-2048

ROBERT RANDOLPH TITLEY
6316 JOCELYN HOLLOW ROAD
NASHVILLE TN 37205

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

	Name	Depth	Name	Depth
1	DEESE	5700	6	
2	DORNICK HILLS	5800	7	
3	VIOLA	6200	8	
4			9	
5			10	

Spacing Orders: 612384

Location Exception Orders: 633614

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 7700

Ground Elevation: 1086

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 370

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 1000

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.

Additional Surface Owner Address City, State, Zip
JAMES RICHARD TITLEY 3850 GOODFELLOW DRIVE DALLAS, TX 75229

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	10/15/2014 - 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 HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
LOCATION EXCEPTION - 633614	12/2/2014 - G76 - W2 NE4 1-3S-3W X612384 DEESS, DKHL, VIOL 515' FSL, 720' FWL SPRING OPERATING COMPANY 12/1/2014
SPACING - 612384	11/14/2014 - G76 - (80) NE4 1-3S-3W SU NW/SE EXT 221562 DEESS, OTHERS EXT 270139 VIOL EXT 268572/278736 DKHL AMD OTHER

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