

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

API NUMBER: 019 26140

Approval Date: 10/02/2014

Expiration Date: 04/02/2015

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 3S Rge: 2W

County: CARTER

SPOT LOCATION: ☐ SE ☐ SW ☐ SW ☐ NW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 241 418

Lease Name: LIZZIE BRADFORD

Well No: 1-6

Well will be 241 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

LAKE HAMILTON MINERALS  
P O BOX 2048  
EDMOND OK 73083

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

	Name	Depth		Name	Depth
1	HOXBAR	1250	6	BROMIDE	7150
2	TUSSY	5025	7	MCLISH	7850
3	CARPENTER	5290	8		
4	MORRIS	5436	9		
5	VIOLA	6100	10		

Spacing Orders: 377548  
577025  
237004

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201406743  
201406741

Special Orders:

Total Depth: 8300

Ground Elevation: 1041

Surface Casing: 1100

Depth to base of Treatable Water-Bearing FM: 980

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

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

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	9/29/2014 - 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 <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
PENDING CD - 201406741	10/1/2014 - G72 - (70)(IRR) SW NW & W2 SE NW & SE SE NW 06-03S-02W (SW NW) EST DEESS*** REC 9/29/2014 (OSBURN) ***FORMATIONS AMENED AT THE HEARING TO THE MEMBERS IF THE DEESS THE TUSSY, CARPENTER, MORRIS.
PENDING CD - 201406742	10/1/2014 - G72 - S2 NW 06-03S-02W X 377548 VIOL, BRMD, OTHER X 32726** MCLS 1 WELL NO OPER NAMED REC 9/29/2014 (OSBURN) **S/B 577025 TO BE CORRECTED PER ATTORNEY.
PENDING CD - 201406743	10/1/2014 - G72 - 06-03S-02W (I.O.) X 201406741 TUSSY, CARPENTER, MORRIS***; X 377548 VIOL, BRMD, OTHER; X 32726** MCLS; NCT 241 FSL NCT 418 FWL REC 9/29/2014 (OSBURN) **S/B 577025 TO BE CORRECTED PER ATTORNEY. ***FORMATIONS AMENED AT THE HEARING TO THE MEMBERS OF THE DEESS.
SPACING - 237004	10/1/2014 - G72 - (10) 6-3S-2W EST CSCO, HXBR (VAC CSCO BY 579271)
SPACING - 377548	10/1/2014 - G72 - (80) NW 6-3S-2W LD NE/SW EXT OTHERS EXT 221562 VIOL, BRMD, OTHERS
SPACING 577025	10/1/2014 - G72 - (80) NW 06-03S-02W LD NE/SW EST MCLS, OTHER