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

API NUMBER: 049 25047 A

Approval Date: 04/08/2015
Expiration Date: 10/08/2015

Straight Hole Injection

Amend reason: CHANGE TO STRAIGHT HOLE

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 4N Rge: 4W County: GARVIN

SPOT LOCATION: SE NW NW SE FEET FROM QUARTER: FROM **SOUTH** FROM **EAST**
SECTION LINES: **2290** **2290**

Lease Name: SE BRADLEY "A" UNIT **Well No: O-19A** **Well will be 2290 feet from nearest unit or lease boundary.**

Operator Name: **MERIT ENERGY COMPANY** Telephone: 9726281569 OTC/OCC Number: 18934 0

MERIT ENERGY COMPANY
13727 NOEL RD STE 1200
DALLAS, TX 75240-7312

STANLEY MILLER
11670 N. COUNTY ROAD 3000
LINDSAY OK 73052

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

	Name	Depth		Name	Depth
1	SPRINGER	9000	6		
2			7		
3			8		
4			9		
5			10		

Spacing Orders: No Spacing Location Exception Orders: Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 10500 Ground Elevation: 980 **Surface Casing: 600** Depth to base of Treatable Water-Bearing FM: 210

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits
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: C
Liner not required for Category: C
Pit Location is ALLUVIAL
Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 15-29820
H. CLOSED SYSTEM=STEEL PITS (REQUIRED - WASHITA RIVER)

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	3/30/2015 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	6/7/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.
SPACING	3/30/2015 - G71 - N/A - INJECTION WELL
SURFACE CASING	3/30/2015 - G71 - MIN. 300' PER ORDER # 31521

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.