

\* OCC CORRECTION - operator Number

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

Approval Date: 11/01/2012  
Expiration Date: 05/01/2013

API NUMBER: 109 22397 A

Horizontal Hole Oil & Gas

Amend reason: CHANGE SHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 14N Rge: 4W

County: OKLAHOMA

SPOT LOCATION: SE SW SE SE

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 196 1880

Lease Name: MCGEE

Well No: 20-2H

Well will be 196 feet from nearest unit or lease boundary.

Operator Name: LIME ROCK RESOURCES II-A LP

Telephone: 7132929500

\* OTC/OCC Number: ~~22207-0~~  
22628-0

LIME ROCK RESOURCES II-A LP  
1111 BAGBY ST STE 4600  
HOUSTON, TX 77002-2559

JANET MCGEE IRREVOCABLE TRUST  
7525 NW 192ND ST  
EDMOND OK 73102

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

	Name	Depth	Name	Depth
1	HUNTON	6600	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 20212

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11200

Ground Elevation: 1098

Surface Casing: 800

Depth to base of Treatable Water-Bearing FM: 740

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: 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 BED AQUIFER

Pit Location Formation: SALT PLAINS

D. One time land application - (REQUIRES PERMIT)

PERMIT NO: 12-21776

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION

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.

HORIZONTAL HOLE 1

Sec 21 Twp 14N Rge 4W County OKLAHOMA

Spot Location of End Point: SW SW SW SW

Feet From: SOUTH 1/4 Section Line: 92

Feet From: WEST 1/4 Section Line: 195

Depth of Deviation: 6000

Radius of Turn: 743

Direction: 91

Total Length: 4510

Measured Total Depth: 11200

True Vertical Depth: 6900

End Point Location from Lease,  
Unit, or Property Line: 92

Notes:

Category

Description

SPACING - 20212

11/1/2012 - G30 - (UNIT) 20 & 21-14N-4W  
EST WEST EDMOND HUNTON LIME UNIT FOR HNTN

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109 22397 MCGEE 20-2H

Page 2 of 2