

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

API NUMBER: 109 22406

Approval Date: 05/15/2013
Expiration Date: 11/15/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 14N Rge: 1E County: OKLAHOMA
SPOT LOCATION: NW SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 525 655

Lease Name: LUEVANO Well No: 2-31HC Well will be 525 feet from nearest unit or lease boundary.
Operator Name: NEW DOMINION LLC Telephone: 9185876242 OTC/OCC Number: 20585 0

NEW DOMINION LLC
1307 S BOULDER AVE, STE 400
TULSA, OK 74119-3220

JAMES O PARTIN
16821 NE 178TH ST
LUTHER OK 73054

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

Name	Depth	Name	Depth
1 CLEVELAND	4720	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 578763
578482

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201302359

Special Orders:

Total Depth: 9617 Ground Elevation: 923 **Surface Casing: 540** Depth to base of Treatable Water-Bearing FM: 490

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: 13-23370
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 31 Twp 14N Rge 1E County OKLAHOMA

Spot Location of End Point: N2 S2 SE SE

Feet From: SOUTH 1/4 Section Line: 390

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 2850

Radius of Turn: 789

Direction: 180

Total Length: 4626

Measured Total Depth: 9617

True Vertical Depth: 4758

End Point Location from Lease,
Unit, or Property Line: 390

Notes:

Category

Description

PENDING CD - 201302359

5/15/2013 - G30 - E2 31-14N-1E
X578482/578763 CLVD
SHL NCT 525 FSL, NCT 655 FEL 30-14N-1W
POE NCT 200 FNL, NCT 200 FEL 31-14N-1E
SUMP NCT 200 FNL, NCT 200 FEL**
LAT #1 NCT 200 FSL, NCT 200 FEL**
NO OP. NAMED
REC 5/6/13 (MCKEOWN)

**WELL BE CASED AND CEMENTED. LOCATION EXCEPTION APPLICATION WAS AMENDED IN HEARING TO RELFECT COMP. INT. NCT 200 FNL, NCT 330 FSL, NCT 330 FEL

SPACING - 578482

5/15/2013 - G30 - (320 HOR) 31-14N-1E LD
VAC 279445 CLVD, OTHERS
VAC OTHERS
EXT OTHERS
EST OTHERS
(320 HOR) EST CLVD, OTHER
POE TO BHL: NCT 660' FB

SPACING - 578763

5/15/2013 - G30 - NPT 578482
CORRECT 320 SPACING UNIT ARE STAND-UP, NCT 660' FB