

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

API NUMBER: 129 23965

Approval Date: 06/19/2014

Expiration Date: 12/19/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 11N Rge: 25W

County: ROGER MILLS

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 240 660

Lease Name: TURNER 13-11-25

Well No: 1H

Well will be 240 feet from nearest unit or lease boundary.

Operator Name: CIMAREX ENERGY CO

Telephone: 9185851100

OTC/OCC Number: 21194 0

CIMAREX ENERGY CO
202 S CHEYENNE AVE STE 1000
TULSA, OK 74103-3001

CYNTHIA TURNER, DAVID ERICKSON, MICHAEL TURNER
8118 EAST COUNTY ROAD 5900
IDALOU TX 79329

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

Name	Depth	Name	Depth
1 VIRGIL	9100	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 626305

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201403124

Special Orders:

Total Depth: 13890

Ground Elevation: 2172

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 640

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: 100000 Average: 5000

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 OTHER HSA

Pit Location Formation: DOXEY

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 14-27258

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 13 Twp 11N Rge 25W County ROGER MILLS

Spot Location of End Point: N2 N2 NE NE

Feet From: NORTH 1/4 Section Line: 200

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 8683

Radius of Turn: 573

Direction: 360

Total Length: 4307

Measured Total Depth: 13890

True Vertical Depth: 9256

End Point Location from Lease,
Unit, or Property Line: 200

Notes:

Category

Description

DEEP SURFACE CASING

6/6/2014 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

PENDING CD - 201403124

6/19/2014 - G75 - (I.O.) 13-11N-25W
X626305 VRGL
SHL NCT 200 FSL, NCT 500 FEL
COMPL. INT. NCT 300 FSL, NCT 300 FNL, NCT 500 FEL
NO OP. NAMED
REC 5-19-2014 (JOHNSON)

SPACING - 626305

6/19/2014 - G75 - (640) 13-11N-25W
VAC 184759 DGLS
VAC 289236 ENDC
VAC 338338 VRAEC
EXT 204126 VRGL

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129 23965 TURNER 13-11-25 1H