

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

API NUMBER: 015 23126

Approval Date: 03/11/2010  
Expiration Date: 09/11/2010

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 10N Rge: 9W County: CADDO  
SPOT LOCATION:     FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 2140 2310

Lease Name: WILLIAMS

Well No: 1-1H Well will be 330 feet from nearest unit or lease boundary.

Operator Name: CIMAREX ENERGY CO

Telephone: 9183523033

OTC/OCC Number: 21194 0

CIMAREX ENERGY CO  
15 E 5TH ST STE 1000  
TULSA, OK 74103-4311

DONALD & BETTY JO MCKEE  
2329 N. WESTWOOD  
SANTA ANNA CA 92706

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

Name	Depth	Name	Depth
1 WOODFORD	12905	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 558021

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201000568

Special Orders:

Total Depth: 18497

Ground Elevation: 1400

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 340

Deep surface casing has been approved

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: 2500 Average: 1600

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: RUSH SPRINGS

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 10-15476

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 01 Twp 10N Rge 9W County CADDO

Spot Location of End Point: N2 NE NE NE

Feet From: SOUTH 1/4 Section Line: 2639

Feet From: WEST 1/4 Section Line: 2310

Depth of Deviation: 12390

Radius of Turn: 573

Direction: 360

Total Length: 5207

Measured Total Depth: 18497

True Vertical Depth: 12963

End Point Location from Lease,

Unit, or Property Line: 1

Notes:

Category

Description

PENDING CD - 201000568

3/11/2010 - G30 - (E.O.)  
X558021 WDFD  
SL NCT 500 FNL, NCT 330 FEL 12-10N-9W  
1ST PERF NCT 150 FSL, NCT 250 FEL 1-10N-9W  
BHL NCT 0 FNL, NCT 330 FEL 1-10N-9W  
CIMAREX ENERGY CO  
REC 3/8/10 (MCKEOWN)

SPACING - 558021

3/11/2010 - G30 - (640) 1-10N-9W  
EXT OTHERS  
EXT 144223 WDFD, OTHER  
EST OTHER