

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

API NUMBER: 037 29227

Approval Date: 07/28/2014
Expiration Date: 01/28/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 18N Rge: 8E

County: CREEK

SPOT LOCATION: SE SW SW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 230 370

Lease Name: WRIGHT

Well No: 1-32H

Well will be 230 feet from nearest unit or lease boundary.

Operator Name: PANTERA ENERGY COMPANY

Telephone: 8063766625

OTC/OCC Number: 13620 0

PANTERA ENERGY COMPANY
817 S POLK STREET STE 201
AMARILLO, TX 79101-3433

CREEK COUNTY ENERGY PROJECT
817 SOUTH POLK STREET, SUITE 201
AMARILLO TX 79010

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

Name	Depth	Name	Depth
1	MISSISSIPPI	3154	6
2			7
3			8
4			9
5			10

Spacing Orders: 626843

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201401832

Special Orders:

Total Depth: 8000

Ground Elevation: 918

Surface Casing: 890

Depth to base of Treatable Water-Bearing FM: 840

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 1500

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 1A

Liner required for Category: 1A

Pit Location is BED AQUIFER

Pit Location Formation: VAMOOSA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. 20-MIL PIT LINER REQUIRED

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 32 Twp 18N Rge 8E County CREEK

Spot Location of End Point: E2 NE NE NE

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 2320

Depth of Deviation: 2200

Radius of Turn: 8

Direction: 45

Total Length: 4632

Measured Total Depth: 8000

True Vertical Depth: 3250

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category

Description

MUNICIPAL WATER WELL/WELLHEAD
PROTECTION AREA

7/2/2014 - G71 - HAPPY CORNER QUICK STOP - 1 WELL, SW/4 28-18N-8E

PENDING CD - 201401832

7/25/2014 - G72 - 32-18N-08E (I.O.)
X 626843 MSSP, OTHER;
SH NCT 200 FSL NCT 200 FWL 33-18N-8E;
COMP INT. NCT 165 FSL NCT 165 FNL NCT 330 FEL;
NO OPER NAMED;
REC 6/3/2014 (OSBURN)

SPACING - 626843

7/25/2014 - G72 - (640 HORZ) 32-18N-08E
EST MSSP, OTHER;
POE TO BHL (MSSP) NLT 660' FB;