

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

API NUMBER: 045 23332

Approval Date: 04/04/2013
Expiration Date: 10/04/2013

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 19N Rge: 22W County: ELLIS
SPOT LOCATION: SE SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 225 685

Lease Name: PENNY Well No: 18-1H Well will be 225 feet from nearest unit or lease boundary.
Operator Name: PANTHER ENERGY COMPANY LLC Telephone: 9185831396 OTC/OCC Number: 21717 0

PANTHER ENERGY COMPANY LLC
P.O. Box 3105
TULSA, OK 74101-3105

WIEDEN FAMILY TRUST
ROUTE 1 BOX 162
ARNETT OK 73832

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

Name	Depth	Name	Depth
1 COTTAGE GROVE	7980	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 69429

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201301837

Special Orders:

Total Depth: 12840

Ground Elevation: 2459

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 710

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: 30000 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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: OGALLALA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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 18 Twp 19N Rge 22W County ELLIS

Spot Location of End Point: C S2 SE SE

Feet From: SOUTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 7540

Radius of Turn: 440

Direction: 179

Total Length: 4609

Measured Total Depth: 12840

True Vertical Depth: 7980

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

Notes:

Category	Description
DEEP SURFACE CASING	4/3/2013 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
PENDING CD - 201301837	4/4/2013 - G30 - 18-19N-22W X69429 CGGV XOTHER COMP. INT. NCT 330 FNL/FSL, NCT 330 FEL NO OP. NAMED REC 4/2/13 (DECKER)
SPACING - 69429	4/4/2013 - G30 - (640) 18-19N-22W EXT 63011 CGGV

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