

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

API NUMBER: 039 22419

Approval Date: 10/08/2013

Expiration Date: 04/08/2014

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 15N Rge: 17W

County: CUSTER

SPOT LOCATION: ☐ SW ☐ NW ☐ NE ☐ NW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2240 1420

Lease Name: AGNES

Well No: 1-27H

Well will be 400 feet from nearest unit or lease boundary.

Operator Name: SANGUINE GAS EXPLORATION LLC

Telephone: 9184964774

OTC/OCC Number: 21381 0

SANGUINE GAS EXPLORATION LLC
PO BOX 700720
TULSA, OK 74170-0720

AGNES HOELKER
408 S 12TH STREET
CLINTON OK 73601-

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

	Name	Depth	Name	Depth
1	COTTAGE GROVE	8829	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 139564

Location Exception Orders: 616389

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 13600

Ground Elevation: 1837

Surface Casing: 900

Depth to base of Treatable Water-Bearing FM: 450

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: 20000 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 13-24576

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 27 Twp 15N Rge 17W County CUSTER

Spot Location of End Point: NW NW NE NW

Feet From: SOUTH 1/4 Section Line: 2340

Feet From: WEST 1/4 Section Line: 1420

Depth of Deviation: 8800

Radius of Turn: 528

Direction: 180

Total Length: 4272

Measured Total Depth: 13600

True Vertical Depth: 8829

End Point Location from Lease,
Unit, or Property Line: 300

Notes:

Category

Description

DEEP SURFACE CASING

10/8/2013 - 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

LOCATION EXCEPTION - 616389

10/8/2013 - G30 - (I.O.) 27-15N-17W
X139564 CGGV
COMP. INT. NCT 300 FNL, NCT 300 FSL, NCT 1000 FWL
SANGUINE GAS EXPLORATION, L.L.C.
9/26/13

SPACING - 139564

10/8/2013 - G30 - (640) 27-15N-17W
EXT 101646 CGGV, OTHERS

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039 22419 AGNES 1-27H