

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

API NUMBER: 039 22428 A

Approval Date: 03/14/2014
Expiration Date: 09/14/2014

Horizontal Hole Oil & Gas

Amend reason: CHANGE SURFACE HOLE LOCATION AND BHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 15N Rge: 17W

County: CUSTER

SPOT LOCATION: ☐ SE ☐ SE ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 200 1255

Lease Name: HOELKER

Well No: 1-28H

Well will be 200 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	8800	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 95729

Location Exception Orders: 619989

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 13600

Ground Elevation: 1834

Surface Casing: 900

Depth to base of Treatable Water-Bearing FM: 370

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)
H. SEE MEMO

PERMIT NO: 14-26417

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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

HORIZONTAL HOLE 1

Sec 28 Twp 15N Rge 17W County CUSTER

Spot Location of End Point: NW NW NE NW

Feet From: SOUTH 1/4 Section Line: 2440

Feet From: WEST 1/4 Section Line: 1400

Depth of Deviation: 8000

Radius of Turn: 528

Direction: 180

Total Length: 4272

Measured Total Depth: 13600

True Vertical Depth: 8800

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

Notes:

Category

Description

DEEP SURFACE CASING

3/10/2014 - 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 - 619989

3/14/2014 - G30 - (I.O.) 28-15N-17W ***
X95729 CGGV
COMP. INT. NCT 300 FNL, NCT 300 FSL, NCT 1000 FEL
SANGUINE GAS EXPLORATION, L.L.C.
1/7/14

*** SHL WILL BE CHANGED TO SEC 28. LOCATION WILL BE AMENDED AT THE FINAL HEARING. THE WELL ENTIRE LATERAL WILL BE LEGAL FWL. PER SCOTT OSBORNE.

MEMO

5/2/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 95729

3/14/2014 - G30 - (640) 28-15N-17W
EXT 86789 CGGV, OTHERS
EXT OTHERS

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.

039 22428 HOELKER 1-28H