

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

API NUMBER: 093 24997

Approval Date: 11/18/2014
Expiration Date: 05/18/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 20N Rge: 15W County: MAJOR
SPOT LOCATION: SW SE SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 200 2050

Lease Name: GYNITH Well No: 8-1H Well will be 200 feet from nearest unit or lease boundary.
Operator Name: COMANCHE EXPLORATION CO LLC Telephone: 4057555900 OTC/OCC Number: 20631 0

COMANCHE EXPLORATION CO LLC
6520 N WESTERN AVE STE 300
OKLAHOMA CITY, OK 73116-7334

JERRY L. HURT & GYNITH HURT
5980 EAST 60TH HWY
CHESTER OK 73838

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

	Name	Depth	Name	Depth
1	INOLA	7860	6	
2	MISSISSIPPI LIME	9000	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201406419
201406422

Special Orders:

Total Depth: 14525 Ground Elevation: 1799

Surface Casing: 800

Depth to base of Treatable Water-Bearing FM: 450

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: 8000 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-28721

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 08 Twp 20N Rge 15W County MAJOR

Spot Location of End Point: W2 NE NE NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 2050

Depth of Deviation: 8500

Radius of Turn: 802

Direction: 360

Total Length: 4750

Measured Total Depth: 14510

True Vertical Depth: 9760

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

Notes:

Category	Description
DEEP SURFACE CASING	11/18/2014 - 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
PENDING CD - 201406419	11/18/2014 - G91 - (640) 8-20N-15W EXT (VER) 445585 INOL EXT (VER) OTHER EST (HOR) MSSLM, OTHERS POE TO BHL NCT 660' FB (MSSLM) REC. 9-24-2014 (OSBURN)
PENDING CD - 201406422	11/18/2014 - G91 - (I.O.) 8-20N-15W X201406419 MSSLM, INOL, OTHERS SHL NCT 200 FSL, NCT 2050 FWL 1ST PERF NCT 330 FSL, NCT 2050 FWL LAST PERF NCT 330 FNL, NCT 2050 FWL NO OP. NAMED REC. 9-24-2014 (OSBURN)

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