

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

API NUMBER: 009 21914

Approval Date: 12/26/2013

Expiration Date: 06/26/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 10N Rge: 26W County: BECKHAM

SPOT LOCATION: ☐ SE ☐ SW ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 225 880

Lease Name: ANNA 3-10-26 Well No: 1H Well will be 225 feet from nearest unit or lease boundary.

Operator Name: CHESAPEAKE OPERATING INC

Telephone: 4059358143

OTC/OCC Number: 17441 0

CHESAPEAKE OPERATING INC
PO BOX 18496
OKLAHOMA CITY, OK 73154-0496

GAIL PRATHER
17647 E. 1230 RD.
ERICK OK 73645

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

	Name	Depth	Name	Depth
1	PERMIAN LOW	9601	6	
2	VIRGIL	10000	7	
3	GRANITE WASH UP (MO)	10705	8	
4	GRANITE WASH LOW (DES MOINES)	12577	9	
5			10	

Spacing Orders: 154601

Location Exception Orders: 608361
608646

Increased Density Orders: 608359

Pending CD Numbers:

Special Orders:

Total Depth: 17500

Ground Elevation: 2110

Surface Casing: 420

Depth to base of Treatable Water-Bearing FM: 170

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 25000 Average: 8000

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: 13-23485

H. SEE MEMO

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: ON SITE

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: 3

Liner required for Category: 3

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 03 Twp 10N Rge 26W County BECKHAM

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 200

Feet From: EAST 1/4 Section Line: 880

Depth of Deviation: 11640

Radius of Turn: 780

Direction: 360

Total Length: 4635

Measured Total Depth: 17500

True Vertical Depth: 12577

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

Notes:

Category

Description

EXCEPTION TO RULE - 608646

12/26/2013 - G75 - (I.O.) 3-10N-26W
X165:10-3-28(C)(2)(B) DMGWL (ANNA 3-10-26 1H)
NCT 100' FROM FOURIER 1 (API 009-20824)
NO OP. NAMED
3-6-2013

INCREASED DENSITY - 608359

12/26/2013 - G75 - 3-10N-26W
X154601 DMGWL
4 WELLS
CHESAPEAKE OP., INC.
2-28-2013

LOCATION EXCEPTION - 608361

12/26/2013 - G75 - (I.O.) 3-10N-26W
X154601 PRMNL, VRGL, MSGWU, DMGWL
COMPL. INT. NCT 300 FSL, NCT 300 FNL, NCT 500 FEL
CHESAPEAKE OP., INC.
2-28-2013

MEMO

12/19/2013 - G71 - PIT 1 & 2 - CONCRETE-LINED PIT PER OPERATOR REQUEST; PIT 2 - OBM TO
VENDOR, OBM CUTTINGS PER DISTRICT

SPACING - 154601

12/26/2013 - G75 - (640) 3-10N-26W
EXT 67733/147147 VRGL, MSGWU, DMGWL
EXT 129891/147147 PRMNL, OTHER

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Office of the Conservation Division as to when Surface Casing will be run.

009 21914 ANNA 3-10-26 1H