

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

API NUMBER: 009 21889 A

Approval Date: 04/02/2014
Expiration Date: 10/02/2014

Horizontal Hole Oil & Gas

Amend reason: PERMIT EXPIRED / CHANGE NAME, TD, BHL, LE,
ID, AND ADD FORMATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 11N Rge: 26W County: BECKHAM
SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 275 800

Lease Name: BLEVINS 21-11-26 Well No: 2H Well will be 275 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

EUGENE AND PAMELA MCENTIRE
10595 N. 1750 RD
SWEETWATER OK 73666

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

	Name	Depth	Name	Depth
1	VIRGIL	5620	6	
2	GRANITE WASH UP (MO)	10380	7	
3	GRANITE WASH LOW (DES MOINES)	12295	8	
4			9	
5			10	

Spacing Orders: 157235 Location Exception Orders: 618905 Increased Density Orders: 621529
620449

Pending CD Numbers:

Special Orders:

Total Depth: 18100 Ground Elevation: 2141 Surface Casing: 350 Depth to base of Treatable Water-Bearing FM: 100

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 BED AQUIFER

Pit Location Formation: OGALLALA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 13-23329

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: 160000

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 BED AQUIFER

Pit Location Formation: OGALLALA

HORIZONTAL HOLE 1

Sec 21 Twp 11N Rge 26W County BECKHAM

Spot Location of End Point: NE NW NE NW

Feet From: NORTH 1/4 Section Line: 200

Feet From: WEST 1/4 Section Line: 1830

Depth of Deviation: 12372

Radius of Turn: 361

Direction: 10

Total Length: 4420

Measured Total Depth: 18100

True Vertical Depth: 12733

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

Notes:

Category

Description

EXCEPTION TO RULE - 620449

4/2/2014 - G30 - 21-11N-26W
X157235 DMGWL
X165:10-3-28 NO CLOSER THAN 100' TO STEVE 1-21 (API 009-21474)
NO OP. NAMED
1/16/14

INCREASED DENSITY - 621529

4/2/2014 - G30 - 21-11N-26W
X157235 DMGWL
1 WELL
CHESAPEAKE OPERATING, INC.
2/12/14

LOCATION EXCEPTION - 618905

4/2/2014 - G30 - (I.O.) 21-11N-26W
X157235 VRGL, MSGWU, DMGWL, OTHER
COMP. INT. NCT 300 FSL, NCT 300 FNL, NCT 500 FWL
CHESAPEAKE OPERATING, INC.
12/5/13

MEMO

5/22/2013 - G30 - PIT 1 & 2 - CONCRETE LINED PIT PER OPERATOR OPTION; PIT 2 - OBM
RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

This permit does not address the right of entry or settlement of surface damages.

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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.

009 21889 BLEVINS 21-11-26 2H