

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

API NUMBER: 073 25818

Approval Date: 11/14/2017

Expiration Date: 05/14/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 18N Rge: 7W

County: KINGFISHER

SPOT LOCATION: ☐ SE ☐ SW ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 325 520

Lease Name: BUCHMANN 8-18-7

Well No: 1H

Well will be 325 feet from nearest unit or lease boundary.

Operator Name: CHESAPEAKE OPERATING LLC

Telephone: 4059353425; 4059358

OTC/OCC Number: 17441 0

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

VERENA BUCHMANN
13496 EAST 660 RD.
HENNESSEY OK 73742

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

	Name	Depth	Name	Depth
1	BIG LIME	6570	6	
2	OSWEGO	6700	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201706240
201706242
201706465

Special Orders:

Total Depth: 11900

Ground Elevation: 1121

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 300

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: 5000 Average: 3000

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: 17-33245
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 18N Rge 7W County KINGFISHER

Spot Location of End Point: E2 NW NW NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 6357

Radius of Turn: 573

Direction: 359

Total Length: 4643

Measured Total Depth: 11900

True Vertical Depth: 6710

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

Notes:

Category

Description

DEEP SURFACE CASING

11/2/2017 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

11/2/2017 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

PENDING CD - 201706240

11/13/2017 - G75 - (640)(HOR) 8-18N-7W
EXT 653944 BGLM, OSWG
COMPL. INT. NCT 660' FB
(COEXIST SP. ORDER # 49880 OSWG & ORDER # 143534 BGLM SE4) **
REC 10-16-2017 (MILLER)

** S/B COEXIST SP. ORDER # 49880 OSWG & ORDER # 143534 BGLM SE4; TO BE CORRECTED IN ORDER SUBMITTED TO OCC FOR REVIEW PER ATTORNEY FOR OPERATOR

PENDING CD - 201706242

11/13/2017 - G75 - (I.O.) 8-18N-7W
X201706240 BGLM, OSWG
COMPL. INT. NCT 330' FSL, NCT 330' FNL, NCT 330' FWL
NO OP. NAMED
REC 11-6-2017 (THOMAS)

PENDING CD - 201706465

11/13/2017 - G75 - (I.O.) 8-18N-7W
X165:10-3-28(C)(2)(B) BGLM, OSWG (BUCHMANN 8-18-7 1H)
MAY BE CLOSER THAN 600' TO JACKIE 1-8
NO OP. NAMED
REC 10-16-2017 (MILLER)

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

KINGFISHER

County, Oklahoma

325'FSL-520'FWL Section 8 Township 18N Range 7W I.M.

