

STATE OF OHIO  
DEPARTMENT OF NATURAL  
RESOURCES

Division of Oil and Gas  
Resources Management  
WELL PERMIT

API WELL NUMBER  
**34-019-2-2414-00-00**

OWNER NAME, ADDRESS

CHESAPEAKE EXPLORATION LLC  
P O BOX 18496  
OKLAHOMA CITY

OK 73154 0496

DATE ISSUED

5/30/2013

PERMIT EXPIRES

5/30/2015

TELEPHONE NUMBER

(405) 935-2750

IS HEREBY GRANTED PERMISSION TO: Reissue new well, horizontally

AND ABANDON WELL IF UNPRODUCTIVE

PURPOSE OF WELL: Oil & Gas

COMPLETION DATE IF PERMIT TO PLUG:

DESIGNATION AND LOCATION:

LEASE NAME JONES A 33-13-4  
WELL NUMBER 10H  
COUNTY CARROLL  
CIVIL TOWNSHIP FOX  
TRACT OR ALLOTMENT  
SURFACE FOOTAGE LOCATION 454' NL & 3149' EL OF SEC 33  
TARGET FOOTAGE LOCATION 854' NL & 1664' WL OF SEC 26

**CORRECTION**

SURFACE NAD27

X: 2425005

Y: 343643

LAT: 40.5996803309126

LONG: -80.969455931934

TARGET NAD27

2429773

337977

40.5838990017036

-80.9526507932162

TYPE OF TOOLS: Air Rotary/Fluid Rotary

PROPOSED TOTAL DEPTH

15632 FEET

GROUND LEVEL ELEVATION

1207 FEET

GEOLOGICAL FORMATION(S):

POINT PLEASANT

**SPECIAL PERMIT CONDITIONS:** Permit is subject to the attached terms and/or conditions  
Horizontal Drilling Well Permit Conditions  
Horizontal Well/Pre-Permitting Site Conditions

**CASING PROGRAM (CASING MUST BE CENTRALIZED AND IS SUBJECT TO APPROVAL OF THE OIL AND GAS INSPECTOR):**

20" CONDUCTOR APPROX. 120' CEMENTED TO SURFACE  
13 3/8" SURFACE CASING 50' BELOW BIG INJUN, APPROX. 815' CEMENTED TO SURFACE  
9 5/8 " INTERMEDIATE APPROX.2000' AND CEMENTED  
5 1/2" PRODUCTION CASING TO T.D. CEMENTED IF PRODUCTIVE  
"BLOW OUT PREVENTOR REQUIRED" HAZARDOUS CONDITIONS MAY BE ENCOUNTERED

This permit is NOT TRANSFERABLE. This permit, or an exact copy thereof, must be displayed in a conspicuous and easily accessible place at the well site before permitted activity commences and remain until the well is completed. Ample notification to inspector is necessary.

**OIL AND GAS WELL INSPECTOR:**

BRETT FARNSWORTH (330) 284-1409  
THOMAS HILL - Supervisor (330) 283-3204  
DISTRICT #: (330) 896-0616

**INSPECTOR NOTIFICATION**

The oil and gas inspector must be notified at least 24 hours prior to:

1. Commencement of site construction
2. Pit excavation and closure
3. Commencement of drilling, reopening, converting or plugback operations
4. Installation and cementing of all casing strings
5. BOP testing
6. Well stimulation
7. Plugging operations
8. Well pad construction

The oil and gas inspector must be notified immediately upon:

1. Discovery of defective well construction
2. Detection of any natural gas or H2S gas during drilling in urban areas
3. Discovery of defective well construction during well stimulation
4. Determination that a well is a lost hole
5. Determination that a well is a dry hole

**FIRE AND EMERGENCY NUMBERS**

FIRE: ( ) - 911

MEDICAL SERVICE ( ) - 911

CORRECTION TO GROUND LEVEL ELEVATION (09/06/2013)

**Richard J. Simmers**

CHIEF, Division of Oil and Gas Resources  
Management

STATE OF OHIO  
DEPARTMENT OF NATURAL  
RESOURCES

Division of Oil and Gas  
Resources Management  
WELL PERMIT

API WELL NUMBER  
34-019-2-2414-00-00

ATTN JACKIE POTVIN  
CHESAPEAKE EXPLORATION LLC  
P O BOX 18496  
OKLAHOMA CITY, OK 73154-0496

**ROUTE SLIP FOR CORRECTION/CHANGE OF EXISTING PERMIT**

COUNTY Carroll TOWNSHIP: Fox PERMIT # 2-2414-00  
PERSON RECEIVING REQUEST: Patty Nicklaus DATE: 09/05/2013  
OWNER: Chesapeake Exploration LLC  
LEASE NAME: Jones A 33-13-4 WELL NO: 10H

**CHANGES:**

Change in acreage/drill unit and/or  As Drilled Plat for a (  ) Horizontal Drill (  ) Directional Drill

Unit Configuration only

(New plat submitted: yes  no

(Fee required: yes  no

(Check no: \_\_\_\_\_)

change in type of tool

correction in footage

Description (  surface  target)

change in formation/total depth

change in lease name/well number

correction to X, Y coordinates

change in casing program

(  surface  target)

other (specify): ground level elevation

**CORRECTION SHOULD READ:**

- Change Ground Level Elevation from 1218' to 1207'

CHANGES AUTHORIZED BY: (Geologist) \_\_\_\_\_ Date: \_\_\_\_\_

HAS MINES BEEN NOTIFIED OF CHANGE: (where applicable) Yes  No  BY \_\_\_\_\_

DATA ENTERED INTO COMPUTER/ISSUED BY: PN DATE: 9-6-13

REISSUE PERMIT: YES  NO  ADD CORRECTION TO PERMIT LIST  YES  NO

DATE CORRECTION NEEDED: \_\_\_\_\_ TO BE MAILED: \_\_\_\_\_ TO BE FAXED: \_\_\_\_\_

FAX NUMBER: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

## Nicklaus, Patty

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**From:** Jackie Potvin <jackie.potvin@chk.com>  
**Sent:** Tuesday, August 27, 2013 11:40 AM  
**To:** Nicklaus, Patty  
**Cc:** Carl Lindahl  
**Subject:** Ground Elevation Request: Jones A 33-13-4 Pad

Ms. Patty,

Can you please change the ground elevation on the permits for the following wells to 1,207'.

- Jones A 33-13-4 3H (API 34-019-2-2417-00-00)
- Jones A 33-13-4 10H (API 34-019-2-2414-00-00)
- Jones A 33-13-4 1H (API 34-019-2-2404-00-00)
- Jones A 33-13-4 5 (API 34-019-2-2416-00-00)
- Jones A 33-13-4 6 (API 34-019-2-2415-00-00)
- Jones A 33-13-4 8 (API 34-019-2-2413-00-00)

Thank you for your help, Ma'am.

Regards,

*Jacquelyn Potvin*

Regulatory Analyst  
Chesapeake Energy Corporation  
6100 N. Western Avenue  
Oklahoma City, OK 73118  
Office: (405) 935.4385  
Mobile: (405) 833.5127  
Fax: (405) 849.4385  
E-mail: [jackie.potvin@chk.com](mailto:jackie.potvin@chk.com)



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