

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

5/7/2013

PERMIT EXPIRES

5/7/2015

TELEPHONE NUMBER

(405) 935-2750

IS HEREBY GRANTED PERMISSION TO: Drill New Well

AND ABANDON WELL IF UNPRODUCTIVE

PURPOSE OF WELL: Stratigraphic

COMPLETION DATE IF PERMIT TO PLUG:

DESIGNATION AND LOCATION:

LEASE NAME JONES A 33-13-4
WELL NUMBER 10
COUNTY CARROLL
CIVIL TOWNSHIP FOX
TRACT OR ALLOTMENT
SURFACE FOOTAGE LOCATION 454'NL & 2016'WL OF SEC. 33
TARGET FOOTAGE LOCATION

SURFACE NAD27

X: 2425005

Y: 343643

LAT: 40.599680293296

LONG: -80.9694559340966

TARGET NAD27

TYPE OF TOOLS: Air Rotary/Fluid Rotary

PROPOSED TOTAL DEPTH 8023 FEET

GROUND LEVEL ELEVATION 1213 FEET

GEOLOGICAL FORMATION(S):

TRENTON BLACK RIVER

SPECIAL PERMIT CONDITIONS: Permit is subject to the attached terms and/or 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
"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

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

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

DAILY ROUTE SLIP

Fox

APPLICATION NO. aKH000000090

TYPE: Drill New Well

CONAME CHESAPEAKE EXPLORATION API

WELL NAME /NO. JONES A 33-13-4 10

COUNTY 19 CARROLL INITIALS DATE

DATE APPLICATION REC'D pn 4/15/2013

PERMIT FEE AND CHECK NO. \$500.00 1992936

RUSH AMOUNT RUSH CHECK NO. \$0.00 0

APPLICATION ENTERED KLH 4-15-13

APPLICATIONS AND PLATS SENT
FOR MINE APPROVAL

COAL APPROVAL RECEIVED

OIL/GAS AFFIDAVIT REC'D pn 4-15-13

URBANIZED AREA YES (NO) CAF 4/16/13

URBANIZED AREA NOTIFICATION SENT eh 4-16-13

PRE-PERMIT REVIEW SENT TO
INSPECTOR/REC'D BACK

URBAN MAP REVIEW

STATE LAND YES NO

SAMPLES: YES /SPECIAL AREAS

GEOLOGIST APPROVAL KBS 4/20/13

DATA ENTRY /ISSUED pn 5/7/13

PERMIT: TAKEN MAILED ✓ pn 5/8/13

FAX TO:

FINAL MAP CHECK MS 5/15/13

COMMENTS: Mail Hwsc

Proof Sheet

APPL NUMBER aKH00000090

URBANIZED AREA ? ☐

OWNER NUMBER 8756

NAME

OWNER NAME CHESAPEAKE EXPLORATION LLC

EXISTING WELL 0

STATE LAND ? ☐

API PERMIT NO

APPL TYPE NW

TYPE OF WELL ST

VARIANCE REQUEST

WELL NAME JONES A 33-13-4

MP Check # 0

WELL NUMBER 10

PREV/PROPOSED TD 8023

PROPOSED FORMATIONS

DRILL UNIT ACRES 0

TRENTON BLACK RIVER

TYPE OF TOOL RTAF

WELL CLASS STRT

FIRE PHONE () - 911

MEDICAL PHONE () - 911

UTICA/PT PLEASANT ☐

COUNTY CODE 19

MARCELLUS ☐

COUNTY NAME CARROLL

TARG COUNTY CODE

COAL (Y=-1/N=0) -1

TARG COUNTY NAME

CIVIL TOWNSHIP FOX

TARG CIVIL TWP

SURF QUAD BERGHOLZ

TARG QUAD

Nad 27 SURF ORIG X 2425005

Nad 27 TARG ORIG X

Nad 27 SURF ORIG Y 343643

Nad 27 TARG ORIG Y

GROUND ELEVATION 1213

TARG ELEV 0

SURF SEC 33

TARG SECTION

SURF LOT

TARG LOT

SURF QTR TWP

TARG QTR TWP

SURF ALLOT

TARG ALLOT

SURF TRACT

TARG TRACT

SURF FRACTION

TARG FRACTION

Proof Sheet

SURFACE FOOTAGE

| |
|-----------------------------|
| 454' NL 42016' SL of sec 33 |
| |
| |
| |
| |

TARGET FOOTAGE

| |
|--|
| |
| |
| |
| |
| |

CASING PROGRAM

| | | |
|----|--------|-------|
| 18 | 20 | 120 |
| 30 | 13 3/8 | 815 |
| 13 | 9 5/8 | 2,000 |
| | | |
| 26 | | |
| | | |
| | | |
| | | |
| | | |

SPECIAL CONDITIONS/COMMENTS

| |
|-------|
| - PER |
| HWSC |
| |
| |
| |
| |

COMPLETION DT

MINES APPROVAL

AFFIDAVIT APPROV

FINAL ENTRY DATE

P# 20154

BI 797

+50
847
-33
814

EL = 1213
-1180
33

SOURCES OF WATER

WAGNER POND

WATERSHED LAKE ERIE

☐

OHIO RIVER

☒

RUMA ATTACHED

☒

EST WITHDRAWAL RATE (GAL/DAY)

672000

NON AGREEMENT AFFIDAVIT

☐

EST TOTAL VOLUME (GALLONS)

3360000

ATTACHED

RECYCLED WATER EST TOTAL
VOLUME (GALLONS)

420000

WATER WELL SAMPLING RESULTS

☒

DATE SUBMITTED

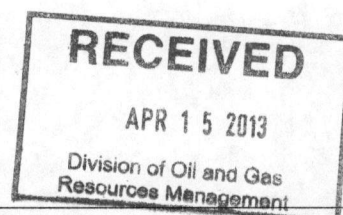
4/15/2013

Monday, April 15, 2013

Page 10 of 44

#1992936.A
8500⁰⁰

APPLICATION FOR A PERMIT (Form 1)
OHIO DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS RESOURCES MANAGEMENT
2045 MORSE ROAD, BUILDING F-2
COLUMBUS, OHIO 43229-6693
(614) 265-6922



SEE INSTRUCTIONS ON BACK AKH00000090

| | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1. We (applicant) <u>CHESAPEAKE EXPLORATION, L.L.C.</u> | | 2. Owner #: <u>8756</u> | |
| Address: <u>P.O. BOX 18496, OKLAHOMA CITY, OKLAHOMA 73154-0496</u> | | Phone #: <u>(405) 935-2750</u> | |
| hereby apply this date <u>APRIL 11</u> , 2013, for a permit to: | | | |
| <input checked="" type="checkbox"/> Drill New Well <input type="checkbox"/> Drill Horizontally <input type="checkbox"/> Drill Directionally <input type="checkbox"/> Reissue | | <input type="checkbox"/> Revised Location <input type="checkbox"/> Plug Back <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Orphan Well Program | |
| <input type="checkbox"/> Convert <input type="checkbox"/> Deepen <input type="checkbox"/> Reopen <input type="checkbox"/> Temporary Inactive | | | |
| 3. TYPE OF WELL: <input type="checkbox"/> Oil & Gas <input checked="" type="checkbox"/> Stratigraphic Test <input type="checkbox"/> Solution Mining* <input type="checkbox"/> Input/Injection | | | |
| <input type="checkbox"/> Annular Disposal <input type="checkbox"/> Gas Storage <input type="checkbox"/> Enhanced Recovery* (*if checked, select appropriate box below) <input type="checkbox"/> Water Supply | | | |
| <input type="checkbox"/> Saltwater Injection <input type="checkbox"/> Other (explain): <input type="checkbox"/> Observation <input type="checkbox"/> Production/Extraction | | | |
| 4. IS THE WELL LOCATION OR PRODUCTION FACILITY(S) WITHIN AN URBANIZED AREA AS DEFINED BY 1509.01 (Y)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | 19. TYPE OF TOOLS: <input type="checkbox"/> Cable <input type="checkbox"/> Cable/Rotary <input checked="" type="checkbox"/> Rotary (<input checked="" type="checkbox"/> Air <input checked="" type="checkbox"/> Fluid) <input type="checkbox"/> Service Rig | |
| 5. MAIL PERMIT TO: ATTN: JACKIE POTVIN CHESAPEAKE EXPLORATION, L.L.C. P.O. BOX 18496, OKLAHOMA CITY, OK 73154-0496 | | 20. SOURCE(S) OF GROUND AND/OR SURFACE WATER USED IN PRODUCTION OPERATION: <u>WAGNER POND</u> Watershed: <input type="checkbox"/> Lake Erie <input checked="" type="checkbox"/> Ohio River Estimated Withdrawal Rate (gal/day): <u>672,000</u> Estimated Total Volume (gal): <u>3,360,000</u> If Recycled Water – Estimated Total Volume (gal): <u>420,000</u> | |
| 6. COUNTY: <u>CARROLL</u> | | 21. EMERGENCY TELEPHONE NUMBERS: (closest to well site): Fire: <u>911</u> Medical: <u>911</u> | |
| 7. CIVIL TOWNSHIP: <u>FOX; T13N-R4W</u> | | 22. MEANS OF INGRESS & EGRESS: Road: <u>T.R. 260A (MAYHAM RD); T.R. 303 (NORCO RD)</u> | |
| 8. SECTION: <u>33</u> 9. LOT: <u>N/A</u> | | 23. ROAD USE FOR A HORIZONTAL WELL: Maintenance Agreement Attached <input checked="" type="checkbox"/> Non-agreement Affidavit Attached <input type="checkbox"/> | |
| 10. FRACTION: <u>N/A</u> 11. QTR TWP: <u>N/A</u> | | 24. ARE THE SURFACE RIGHTS OWNED BY STATE OF OHIO? Agency Name: <u>N/A</u> | |
| 12. TRACT/ALLOT: <u>N/A</u> | | 25. ATTACH LANDOWNER ROYALTY LISTING: <u>KARL D. JONES & MARTHA JEAN RICE JONES</u> <u>6130 NORCO ROAD, CARROLLTON, OHIO 44615</u> | |
| 13. WELL #: <u>10</u> | | | |
| 14. LEASE NAME: <u>JONES A 33-13-4</u> | | | |
| 15. PROPOSED TOTAL DEPTH: <u>8,023' TVD</u> | | | |
| 16. PROPOSED GEOLOGICAL FORMATION(S): <u>TRENTON BLACK RIVER</u> | | | |
| 17. DRILLING UNIT ACRES: <u>N/A</u> | | | |
| 18. IF PERMITTED PREVIOUSLY: <u>N/A</u> | | | |
| API #: <u>N/A</u> | | | |
| OWNER: <u>N/A</u> | | | |

| 26. PROPOSED CASING AND CEMENTING PROGRAM | | | | | | | | |
|-------------------------------------------|------------------------|---------------------|----------------------|-------------------|-----------------------|---------------------|------------------------------------|---------------------------------|
| Type Casing | Borehole Diameter (in) | Borehole Depth (ft) | Casing Diameter (in) | Casing Depth (ft) | Cement Volume (sacks) | Formation | Zone Tested or produced (✓ if Yes) | Hydraulic Fracturing (✓ if Yes) |
| Drive Pipe | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Conductor | 26." | 120' | 20." | 120' | 226 SKS | TOP SOIL | <input type="checkbox"/> | <input type="checkbox"/> |
| Mine String | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Surface | 17.5" | 585' | 13.375" | 585' | 535 SKS | BELOW BASE OF USDW | <input type="checkbox"/> | <input type="checkbox"/> |
| 1 st Intermediate | 12.25" | 2,000' | 9.625" | 2,000' | 759 SKS | BELOW BASE OF BEREA | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 nd Intermediate | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Production | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Liner | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |

I, the undersigned, being first duly sworn, depose and state under penalties of law, that I am authorized to make this application, that this application was prepared by me or under my supervision and direction, and that the facts stated herein are true, correct, and complete, to the best of my knowledge.

I, the undersigned, further depose and state that I am the person who has the right to drill on the tract or drilling unit and to drill into and produce from a pool and to appropriate the oil or gas that I produce therefrom either for myself or others as described in this application. And furthermore, I the undersigned, being duly sworn, depose and state at this time that I am not liable for any final nonappealable order of a court for damage to streets, roads, highways, bridges, culverts, or drainage ways pursuant to Section 5577.12 of the Ohio Revised Code (ORC). I, the undersigned, further depose and state that all notices required by 1509.06 (A) (9) ORC for this application have been duly provided by me. If applying for a permit to plug and abandon a well, I hereby certify that the written notices, as required in Section 1509.13, ORC, have been given.

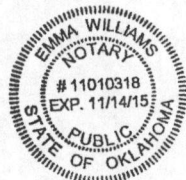
That I hereby agree to conform with all provisions of Chapter 1509., ORC, and Chapter 1501., OAC, and all orders and conditions issued by the Chief, Division of Oil and Gas Resources Management.

Signature of Owner/Authorized Agent Jacquelyn Potvin

Name (Type or Print) JACQUELYN POTVIN Title REGULATORY ANALYST II

If signed by Authorized Agent, a certificate of appointment of agent must be on file.

Sworn to and subscribed before me this the 11th day of April, 2013



Emma Williams
(Notary Public)

11/11/15
(Date Commission Expires)

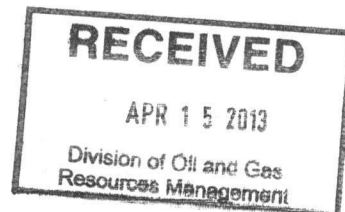


Regulatory Department

April 11, 2013

VIA UPS NEXT DAY AIR

Ohio Department of Natural Resources
Division of Oil and Gas Resources Management
Mr. Steve Opritza, Geologist
2045 Morse Road, F-2
Columbus, OH 43229-6693



Re: Jones A 33-13-4 10 – Application for a Permit (Drill New Well, Stratigraphic)

Dear Mr. Opritza:

Chesapeake Exploration, L.L.C. submits the enclosed *Application for a Permit* for its proposed Jones A 33-13-4 10 well located in Carroll County, Ohio.

The original Oil and Gas Affidavit, signed by Karl D. and Martha Jean Rice Jones, was submitted with the Jones A 33-13-4 3 permit application package.

Water Sampling Results for this pad were submitted with the Jones A 33-13-4 3 permit application package.

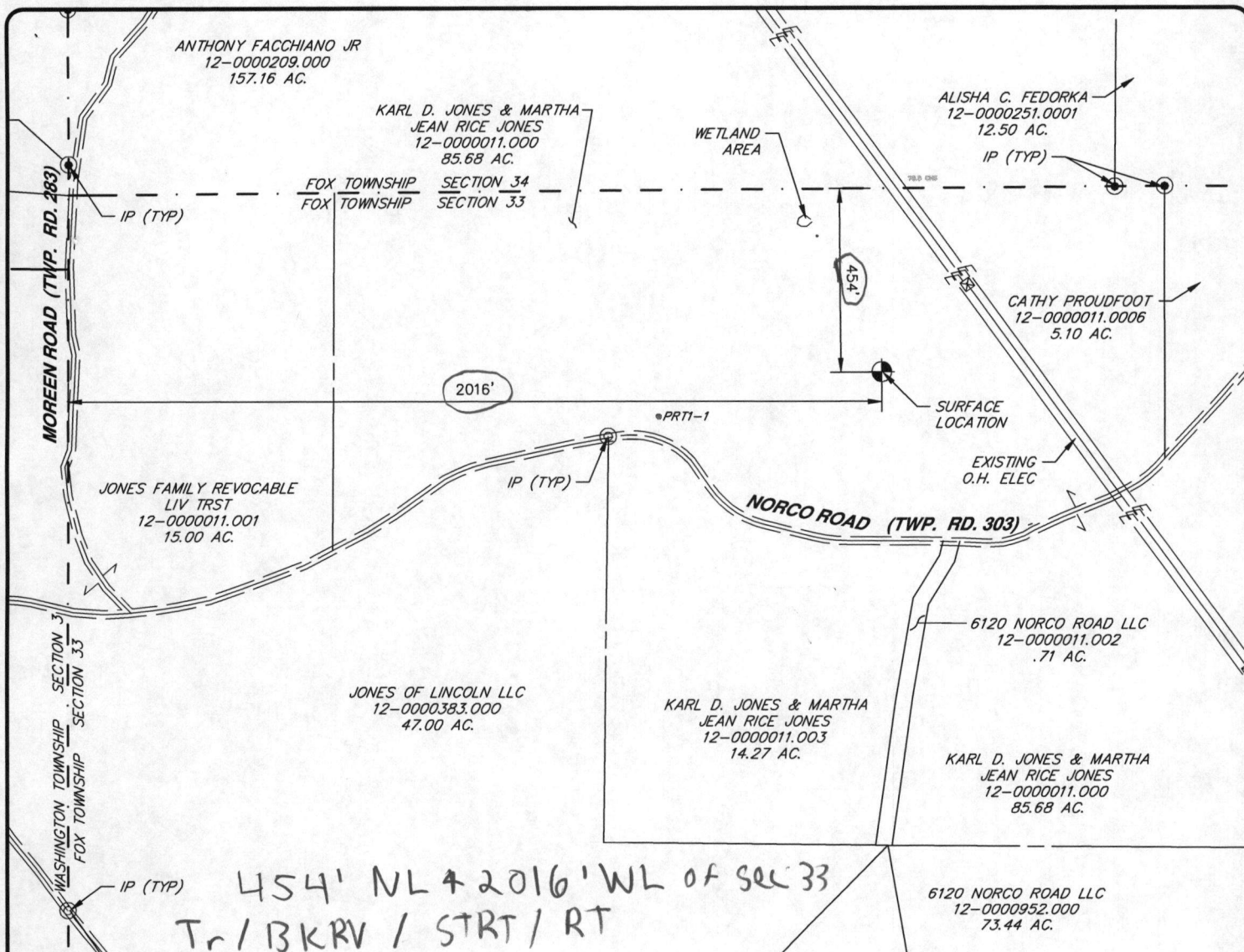
If you should have any questions or require additional information, please do not hesitate to contact me.

Sincerely,

Chesapeake Exploration, L.L.C.

A handwritten signature in cursive script that reads "Jacquelyn Potvin".

Jacquelyn Potvin
Regulatory Analyst II



OPERATOR: CHESAPEAKE EXPLORATION, LLC

ADDRESS: PO BOX 18496 OKLAHOMA CITY, OK 73154

SURFACE LOCATION:

LANDOWNER: KARL D. JONES & MARTHA JEAN RICE JONES

OIL AND GAS: KARL D. JONES & MARTHA JEAN RICE JONES

COAL: KARL D. JONES & MARTHA JEAN RICE JONES

LEASE NAME: JONES A 33-13-4

WELL NUMBER: 10

COUNTY: CARROLL

MUNICIPALITY: FOX TOWNSHIP

U.S.G.S. QUAD: BERGHOLZ

OHIO STATE PLANE GRID COORDINATE N: 343673

OHIO NORTH - NAD 83 E: 2393545

LATITUDE: 40.599743

LONGITUDE: -80.969270

OHIO STATE PLANE GRID COORDINATE N: 343643 ✓

OHIO NORTH - NAD 27 E: 2425005 ✓

LATITUDE: 40.599681

LONGITUDE: -80.969457

SUBDIVISION CIVIL TOWNSHIP / PLSS
TOWNSHIP & RANGE: TWP 13 / RANGE 4
QUARTER TOWNSHIP: NW

SECTION: 33

LOT: N/A

TRACT: N/A

ALLOTMENT: N/A

FRACTION: N/A

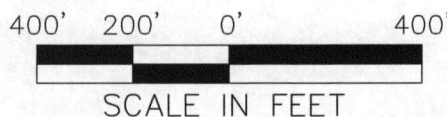
ELEVATION (NAVD88): 1213' (GROUND LEVEL)

DATE: MARCH 2013

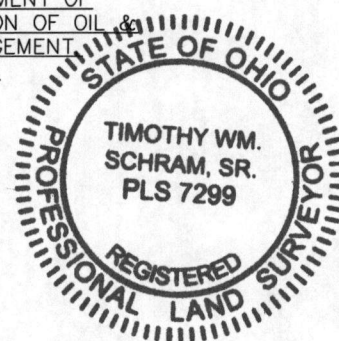
REVISIONS: -

WELL TYPE

OIL OR GAS: NEW LOCATION: X STRAT: X



SURVEY PLAT SHOWING PROPOSED WELL
STATE OF OHIO, DEPARTMENT OF
NATURAL RESOURCES-DIVISION OF OIL &
GAS RESOURCES MANAGEMENT
COLUMBUS, OHIO



I HEREBY CERTIFY THAT THIS WELL PLAT WAS PREPARED IN
ACCORDANCE WITH THE OHIO ADMINISTRATIVE CODE (OAC
1501:9-1-02), OIL WELL DRILLING PERMIT.

TIMOTHY WM. SCHRAM, SR. S-7299

4/01/2013 MONTH DAY YEAR

NOTES:

1. THIS SURVEY WAS PERFORMED SOLELY TO LOCATE THE PROPOSED WELL WITH RESPECT TO EXISTING BOUNDARIES AND TO PROVIDE STATE PLANES COORDINATES.
2. PARCEL DIMENSIONS AND OWNERSHIP DATA WERE OBTAINED FROM THE COUNTY AUDITOR TAX MAPS AND GIS DATA.

HRG
Herbert, Rowland & Grubic, Inc.
Engineering & Related Services

200 West Kensing Drive, Suite 400
Cranberry Township, PA 16066
(724) 779-4777
Fax (724) 779-4711
hr@hr-g-inc.com
www.hr-g-inc.com

WELL SURVEY PLAT

FOX TOWNSHIP

CARROLL COUNTY

OHIO

PROJ. MGR. - A/L
CADD - DMH
CHECKED - TWS
REV. -
SCALE - 1" = 400'
DATE - 4.1.2013

DRAWING NO.
PL-1
SHEET NO.
1 OF 1
PROJECT R005092.0466

RECEIVED
JAN 11 1999
STATE OF OHIO
DEPARTMENT OF REVENUE



RESTORATION PLAN (Form 4)

Ohio Department of Natural Resources

Division of Oil and Gas Resources Management, 2045 Morse Road, Bldg. F-2, Columbus OH 43229-6093

RECEIVED

APR 15 2013

Division of Oil and Gas
Resources Management
N/A

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. DATE OF APPLICATION: 11-Apr-13 | 3. API #: _____ |
| 2. OWNER NAME, ADDRESS, & TELEPHONE NO.: CHESAPEAKE EXPLORATION, LLC P.O. BOX 18496 OKLAHOMA CITY, OK 73154-0496 (405) 935-2750 | 4. WELL #: 10 |
| | 5. LEASE NAME: JONES A 33-13-4 |
| | 6. PROPERTY OWNER: KARL D. & MARTHA JEAN RICE JONES |
| | 7. COUNTY: CARROLL |
| | 8. CIVIL TOWNSHIP: FOX; T13N-R4W |
| | 9. SECTION: 33 10. LOT: N/A |
| 11. CURRENT LAND USE: <input checked="" type="checkbox"/> Cropland <input type="checkbox"/> Commercial <input type="checkbox"/> Pasture <input type="checkbox"/> Idle Land <input type="checkbox"/> Wetlands <input type="checkbox"/> Recreational <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Unreclaimed strip mine <input type="checkbox"/> Woodland: <input type="checkbox"/> Broadleaf <input type="checkbox"/> Needlelike | 17. TYPE OF WELL: <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Other |
| 12. SLOPE GRADIENT & LENGTH DETERMINED FROM: <input type="checkbox"/> Ground Measurement <input type="checkbox"/> U.S. Geological Survey Topographical Maps <input checked="" type="checkbox"/> Other: (explain) <u>Aerial Topo Map</u> | 18. STEEPEST SLOPE GRADIENT CROSSING SITE: <input type="checkbox"/> 0 to 2% <input checked="" type="checkbox"/> 2.1 to 8% <input type="checkbox"/> 8.1 to 10% <input type="checkbox"/> 10.1 to 24% <input type="checkbox"/> greater than 24% |
| 13. TYPE OF FALL VEGETAL COVER: <input type="checkbox"/> Little or no vegetal cover <input type="checkbox"/> Short grasses <input type="checkbox"/> Tall weeds or short brush (1 to 2 ft.) <input type="checkbox"/> Brush or bushes (2 to 6 ft.) <input checked="" type="checkbox"/> Agricultural crops <input type="checkbox"/> Trees with sparse low brush <input type="checkbox"/> Trees with dense low brush | 19. LENGTH OF STEEPEST SLOPE CROSSING SITE: <input type="checkbox"/> 1 to 100 ft. <input checked="" type="checkbox"/> 101 to 200 ft. <input type="checkbox"/> 201 to 400 ft. <input type="checkbox"/> greater than 400 ft. |
| 14. SOIL & RE-USE OF SOILING MATERIAL AT WELLSITE: <input checked="" type="checkbox"/> Stockpile and protect topsoil to be used when preparing seedbed <input type="checkbox"/> Use of soil additives (e.g., lime, fertilizer) <input type="checkbox"/> No re-soiling planned <input type="checkbox"/> Proposed alternative _____ | 20. RESTORATION OF DRILLING PITS: ** <input type="checkbox"/> Haul drilling fluids and fill pits <input type="checkbox"/> Use steel circulating tanks <input checked="" type="checkbox"/> Proposed alternative <u>no pits, clsd vol mud sys</u> |
| 15. DISPOSAL PLAN FOR TREES AND TREE STUMPS: <input type="checkbox"/> No trees disturbed <input type="checkbox"/> Haul to landfill <input checked="" type="checkbox"/> Cut into firewood <input type="checkbox"/> Sell to lumber company <input type="checkbox"/> Bury with landowner's approval <input checked="" type="checkbox"/> Mulch small trees and branches, erosion control <input type="checkbox"/> Use for wildlife habitat with landowner approval <input checked="" type="checkbox"/> Proposed alternative <u>cut pile along acc. Road</u> | 21. BACKFILLING AND GRADING AT SITE: <input checked="" type="checkbox"/> Construct diversions channeled to naturally established drainage systems <input type="checkbox"/> Construct terraces across slopes <input type="checkbox"/> Grade to approximate original contour <input checked="" type="checkbox"/> Grade to minimize erosion & control offsite runoff <input type="checkbox"/> Proposed alternative _____ |
| 16. SURFACE AND SUBSURFACE DRAINAGE FACILITIES: <input checked="" type="checkbox"/> No existing drainage facilities for removal of surface and/or subsurface water <input type="checkbox"/> Tile drainage system underlying land to be disturbed <input type="checkbox"/> Drain pipe(s) underlying land to be disturbed <input type="checkbox"/> Surface drainage facilities on land to be disturbed | 22. VEGETATIVE COVER TO BE ESTABLISHED AT SITE: <input checked="" type="checkbox"/> Seeding plan <input checked="" type="checkbox"/> Sod <input type="checkbox"/> Agricultural crops <input type="checkbox"/> Trees and/or Bushes <input type="checkbox"/> Proposed alternative _____ |
| | 23. ADDITIONAL HOLES: <input checked="" type="checkbox"/> Rat/Mouse, if used, will be plugged |
| | 24. PROPOSED OR CURRENT LENGTH OF ACCESS ROAD: <input type="checkbox"/> 100 ft. or less <input checked="" type="checkbox"/> 101 to 500 ft. <input type="checkbox"/> 501 to 1500 ft. <input type="checkbox"/> greater than 1500 ft. |
| | 25. CURRENT LAND USE OF PATH OF ACCESS ROAD: <input checked="" type="checkbox"/> Cropland <input type="checkbox"/> Pasture <input type="checkbox"/> Commercial <input type="checkbox"/> Idle land <input type="checkbox"/> Wetlands <input type="checkbox"/> Recreational <input type="checkbox"/> Industrial <input type="checkbox"/> Residential <input type="checkbox"/> Unreclaimed strip mine <input type="checkbox"/> Woodland: <input type="checkbox"/> Broadleaf <input type="checkbox"/> Needlelike |

**PITS MUST BE FILLED WITHIN TWO MONTHS AFTER COMMENCEMENT OF THE WELL AND WITHIN FOURTEEN DAYS AFTER COMMENCEMENT OF THE WELL IN AN URBANIZED AREA.

REQUIRED BY SECTION 1509.06 (A)(10), OHIO REVISED CODE -- FAILED TO SUBMIT MAY RESULT IN AN ASSESSMENT OF CRIMINAL FINES NOT LESS THAN \$100.00 NOR MORE THAN \$2,000.00 OR CIVIL PENALTIES NOT LESS THAN \$4,000.00.

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26. SURFACING MATERIAL FOR ACCESS ROAD: <input checked="" type="checkbox"/> Gravel <input type="checkbox"/> Brick and/or tile waste <input type="checkbox"/> Slag <input checked="" type="checkbox"/> Crushed stone <input type="checkbox"/> No surfacing material to be used <input type="checkbox"/> Proposed alternative _____ | 29. STEEPEST SLOPE GRADIENT ON ACCESS ROAD: <input checked="" type="checkbox"/> 0 to 5% <input type="checkbox"/> 6 to 10% <input type="checkbox"/> greater than 10% |
| 27. PATH OF ACCESS ROAD TO BE DETERMINED BY: <input checked="" type="checkbox"/> Landowner <input type="checkbox"/> Contractor <input type="checkbox"/> Existing access road <input checked="" type="checkbox"/> Operator | 30. APPROXIMATE LENGTH OF STEEPEST SLOPE ON ROAD: <input checked="" type="checkbox"/> 0 to 100 ft. <input type="checkbox"/> 101 to 200 ft. <input type="checkbox"/> 201 to 400 ft. <input type="checkbox"/> greater than 400 ft. |
| 28. GRADING AND EROSION CONTROL PRACTICE ON ROAD: <input checked="" type="checkbox"/> Diversions <input type="checkbox"/> Filter strips <input type="checkbox"/> Drains <input type="checkbox"/> Riprap <input type="checkbox"/> Open top culverts <input type="checkbox"/> Water breaks <input checked="" type="checkbox"/> Outsloping of road <input type="checkbox"/> Pipe culverts <input type="checkbox"/> Proposed alternative _____ | 31. HAS LANDOWNER RECEIVED A COPY OF THIS RESTORATION PLAN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

The undersigned hereby agrees to implement all restoration operations identified on this form, and conform to all provisions of Section 1509.072 of the Ohio Revised Code, and to all Orders and rules issued by the Chief, Division of Oil and Gas Resources Management.

Signature of Owner/Authorized Agent _____ Jacquelyn Potvin

Name (Typed or Printed) _____ Jacquelyn Potvin - Regulatory Analyst II _____ Date _____ 4/11/2013

RESTORATION PLAN MUST BE SUBMITTED TO THE DIVISION IN DUPLICATE.



Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

Richard J. Simmers, Chief
The Ohio Department of Natural Resources
The Division of Oil and Gas Resources Management
2045 Morse Road, Building F-2
Columbus, Ohio 43229-6693
Phone: (614) 265-6922; Fax: (614) 265-6910

April 16, 2013

Attention: Debra Meister Fiscal Officer
Carroll/Fox
10075 Salineville Road NE
Salineville, Ohio 43945

Re: Jones A 33-13-4 #10

Dear Debra Meister:

Pursuant to your request, we are notifying you of an application that we have received from Chesapeake Exploration, L.L.C. They have applied for a permit to drill an oil/gas well in Fox Township. Attached, please find a copy of the application and surveyor's plat for this proposed well.

Should you have any questions or concerns about this proposed well site, please feel free to contact your county oil and gas inspector, Brett Farnsworth at (330) 284-1409 or you may contact our regional office in Uniontown at (330) 896-0616.

Sincerely,

Ella Hargro

Ella Hargro, Office Assistant 3
Oil and Gas Well Permitting Section
(614) 265-6902

Enclosures

CC: Permit file