

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

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 1213 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

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

The Ohio Department of Natural Resources
The Division of Oil and Gas Resources Management
2045 Morse Road, Building F-2
Columbus, Ohio 43229-6693

HORIZONTAL DRILLING PERMIT CONDITIONS

Within sixty (60) days of completion of drilling operations, the following items **must** be submitted to the Division of Oil and Gas Resources Management:

- A copy of the bore hole deviation survey
- A revised surveyor's plat showing:
 1. Surface Location;
 2. Actual location of the first perforation;
 3. Actual location of the last perforation;
 4. Actual ending point of the bore hole in the target formation;
 5. X, Y coordinates of the above four points.
- A fifty-dollar (\$ 50.00) fee for the revised surveyor's plat.

DAILY ROUTE SLIP *For*

APPLICATION NO. aPATT022218

TYPE: Reissue new well, horizont

CONAME CHESAPEAKE EXPLORATION API 34019224140000

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

COUNTY 19 CARROLL INITIALS DATE

DATE APPLICATION REC'D *pn* 5/10/2013

PERMIT FEE AND CHECK NO. \$250.00 10629

RUSH AMOUNT RUSH CHECK NO. \$0.00 0

APPLICATION ENTERED *pn* 5/10/13

APPLICATIONS AND PLATS SENT
FOR MINE APPROVAL - -

COAL APPROVAL RECEIVED _____ _____

OIL/GAS AFFIDAVIT REC'D *pn* 5/10/13

URBANIZED AREA YES NO *eh* 5.13.13

URBANIZED AREA NOTIFICATION SENT _____ _____

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

URBAN MAP REVIEW _____ _____

STATE LAND YES NO _____ _____

SAMPLES: YES _____ /SPECIAL AREAS _____

GEOLOGIST APPROVAL *SR* 5/28/13

DATA ENTRY /ISSUED *eh* 5-30-13

PERMIT: TAKEN _____ MAILED *JW* 5-30-13

FAX TO: _____

FINAL MAP CHECK *SR* 5/28/13

COMMENTS: *Send HWSC & HD conditions*

Proof Sheet

APPL NUMBER aPATT022218

URBANIZED AREA ? ☐

OWNER NUMBER 8756

NAME

OWNER NAME CHESAPEAKE EXPLORATION LLC

EXISTING WELL -1

STATE LAND ? ☐

API PERMIT NO 34019224140000

APPL TYPE RHX

TYPE OF WELL OG

VARIANCE REQUEST

WELL NAME JONES A 33-13-4

MP Check # 0

WELL NUMBER 10H

PREV/PROPOSED TD 15632

PROPOSED FORMATIONS

DRILL UNIT ACRES 188.24

POINT PLEASANT

TYPE OF TOOL RTAF

WELL CLASS EDPW

FIRE PHONE () - 911

MEDICAL PHONE () - 911

UTICA/PT PLEASANT ☒

COUNTY CODE 19

MARCELLUS ☐

COUNTY NAME CARROLL

TARG COUNTY CODE 19

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

TARG COUNTY NAME Carroll

CIVIL TOWNSHIP FOX

TARG CIVIL TWP FOX

SURF QUAD BERGHOLZ

TARG QUAD BERGHOLZ

Nad 27 SURF ORIG X 2,425,005

Nad 27 TARG ORIG X 2,429,773

Nad 27 SURF ORIG Y 343,643

Nad 27 TARG ORIG Y 337,977

GROUND ELEVATION 1213

TARG ELEV 1090

SURF SEC 33

TARG SECTION 26

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 & 2016' WL OF SEC. 33
454' NL & 3149' EL of Sec 33

TARGET FOOTAGE

854' NL & 1664' WL of Sec 26

CASING PROGRAM

18	20	120
30	13 ³ / ₈	815
13	9 ⁵ / ₈	2000
21	5'12	
26		

SPECIAL CONDITIONS/COMMENTS

-Per
HWSC
HB

COMPLETION DT

MINES APPROVAL

 5/10/2013

AFFIDAVIT APPROV

FINAL ENTRY DATE

P# 20134

BI = 797 + 50 = 847

EL: 1213 - 1180 = -33

No coal
no water
no dirt

SOURCES OF WATER

 WAGNER POND

WATERSHED LAKE ERIE

☐

OHIO RIVER

☒

RUMA ATTACHED

☒

EST WITHDRAWAL RATE (GAL/DAY)

 672000

NON AGREEMENT AFFIDAVIT ATTACHED

☐

EST TOTAL VOLUME (GALLONS)

 3360000

RECYCLED WATER EST TOTAL VOLUME (GALLONS)

 420000

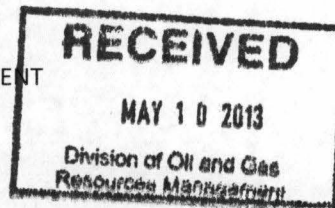
WATER WELL SAMPLING RESULTS

☒

DATE SUBMITTED

 04/15/2013

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

APATH 22218

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>MAY 08</u> , 2013 for a permit to:			
<input type="checkbox"/> Drill New Well <input checked="" type="checkbox"/> Drill Horizontally <input type="checkbox"/> Drill Directionally <input checked="" 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 checked="" type="checkbox"/> Oil & Gas <input 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* <input type="checkbox"/> Water Supply <input type="checkbox"/> Saltwater Injection <input type="checkbox"/> Other (explain): (*if checked, select appropriate box below) <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	
13. WELL #: <u>10H</u>			
14. LEASE NAME: <u>JONES A 33-13-4</u>			
15. PROPOSED TOTAL DEPTH: <u>15,632' MD / 8,022' TVD</u>			
16. PROPOSED GEOLOGICAL FORMATION(S): <u>POINT PLEASANT</u>			
17. DRILLING UNIT ACRES: <u>188.24</u>			
18. IF PERMITTED PREVIOUSLY: <u>YES</u>			
API #: <u>34-019-2-2414-00-00</u>			
OWNER: <u>CHESAPEAKE EXPLORATION, L.L.C.</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."	60'	20."	60'	113 SKS	TOP SOIL	<input type="checkbox"/>	<input type="checkbox"/>
Mine String							<input type="checkbox"/>	<input type="checkbox"/>
Surface	17.5"	585'	13.375"	585'	536 SKS	BELOW BASE OF USDW	<input type="checkbox"/>	<input type="checkbox"/>
1 st Intermediate	12.25"	1,950'	9.625"	1,950'	740 SKS	BELOW BASE OF BEREA	<input type="checkbox"/>	<input type="checkbox"/>
2 nd Intermediate							<input type="checkbox"/>	<input type="checkbox"/>
Production	8.75"	15,632'	5.5"	15,632'	2,673 SKS	POINT PLEASANT	<input checked="" type="checkbox"/>	<input checked="" 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.

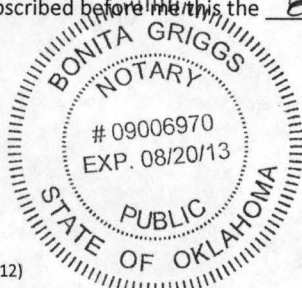
That I hereby agree to conform with all provisions of Chapter 1509., ORC, and Chapter 1501., OAC, and all orders and conditions issued by the Chief, Division of Oil and Gas Resources Management.

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 8th day of May, 20 13



Bonita Griggs
(Notary Public)

8/20/2013
(Date Commission Expires)

LIST OF LANDOWNER ROYALTY INTEREST HOLDER
JONES A 33-13-4 10H
APPLICATION FOR A PERMIT
MARCH 14, 2013

NAME/COMPANY	ADDRESS	CITY	STATE	ZIP CODE
Bruce D. & Catherine Carlton	7040 Avon Road, NE	Carrollton	OH	44615
U.S. Natural Resources, Inc.	PO Box 217	North Lima	OH	44452
Anthony M. Salem	3563 Robert Burns Drive	Richfield	OH	44286
Lee V. & Ellen D. Boughman	2130 Richville Drive, SW	Massillon	OH	44646
Charles F. & Vicki L. Richards	1030 Apollo Road, NE	Carrollton	OH	44615
Julia Bower Dubtez, Trustee	4301 Stow Road	Stow	OH	44224
Joseph W. & Connie Jo Rohrer	2041 Bergholz Road, NE	Mechanicstown	OH	44651
6120 Norco Road, LLC	7170 Farmdale	Canton	OH	44720
Karl D. & Martha Jean Rice Jones	6130 Norco Road, NE	Carrollton	OH	44615
Cathy Proudfoot	6161 Norco Road, NE	Carrollton	OH	44615
Anthony Facchiano, Jr.	PO Box 54	Mechanicstown	OH	44651
Surface Owner – 6120 Norco Road, LLC Mineral Owner – Endeavor Energy Resources, LP	7170 Farmdale 110 N. Marienfeld, Suite 200	Canton Midland	OH TX	44720 79701
Mineral Owner – Advanced Royalty, LLC Mineral Owner – Edward R. Knezevich	PO Box 2228 PO Box 1890 Westerville	Houston Westerville	TX OH	77252 43086

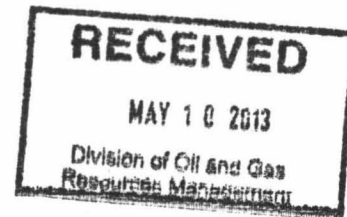


Regulatory Department

May 8, 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 10H – Application for a Permit (Reissue, Drill Horizontally)

Dear Mr. Opritza:

Chesapeake Exploration, L.L.C. submits the enclosed *Application for a Permit* for its proposed Jones A 33-13-4 10H 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.

The following wells have been permitted on this pad:

- Jones A 33-13-4 10 (API 34-019-2-2414-00-00); Jones A 33-13-4 1 (API 34-019-2-2404-00-00); Jones A 33-13-4 3 (API 34-019-2-2417-00-00); 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).

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

Chesapeake Energy Corporation

P.O. Box 18496 • Oklahoma City, OK 73154-0496 • 6100 N. Western Avenue • Oklahoma City, OK 73118
405-848-8000

RESTORATION PLAN (Form 4)

Ohio Department of Natural Resources

Division of Oil and Gas Resources Management, 2045 Morse Road, Bldg. F-2, Columbus OH 43260-9330 and Gas Resources Management

RECEIVED

MAY 18 2013

1. DATE OF APPLICATION: 7-May-13	3. API #: 34-019-2-2414-00-00
2. OWNER NAME, ADDRESS, & TELEPHONE NO.: CHESAPEAKE EXPLORATION, LLC P.O. BOX 18496 OKLAHOMA CITY, OK 73154-0496 (405) 935-2750	4. WELL #: 10H
	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
	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%
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>	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.
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	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>
14. SOIL & RESOILING 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 resoiling planned <input type="checkbox"/> Proposed alternative	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
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>	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
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	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.
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	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.

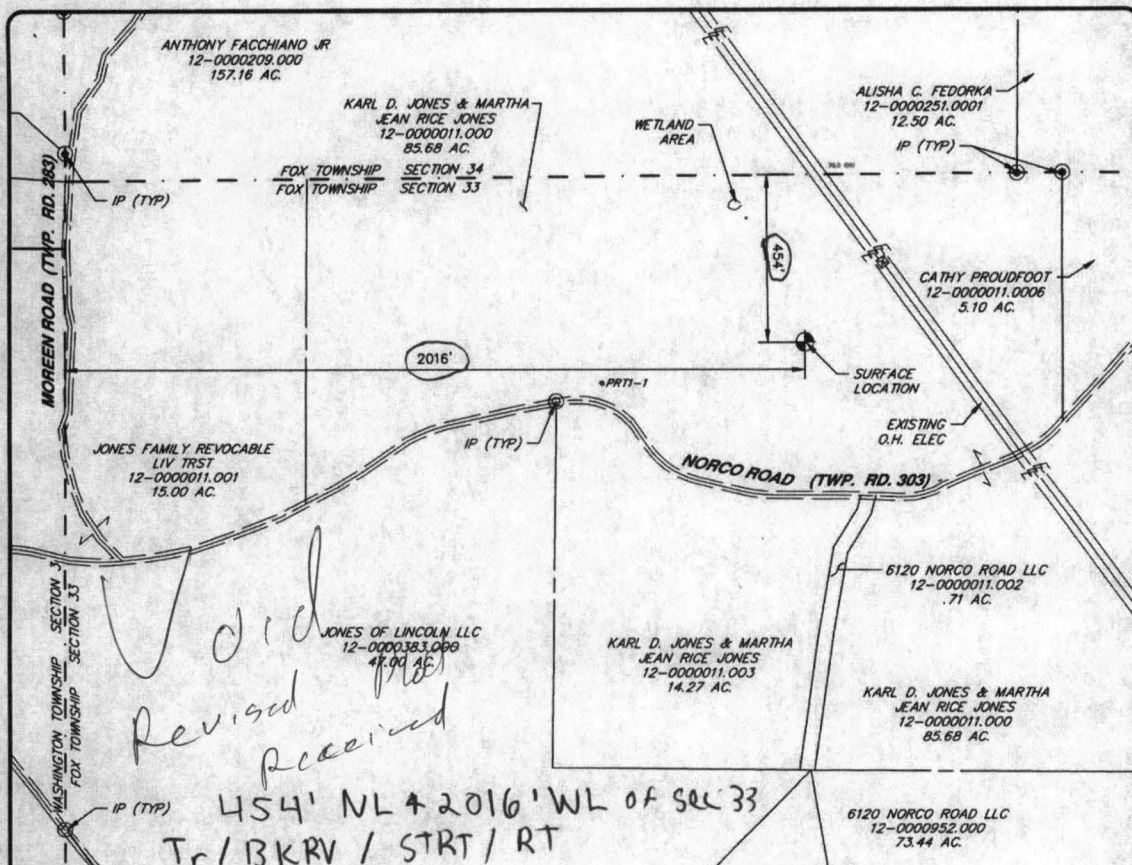
<p>26. SURFACING MATERIAL FOR ACCESS ROAD:</p> <p><input checked="" type="checkbox"/> Gravel <input type="checkbox"/> Brick and/or tile waste</p> <p><input type="checkbox"/> Slag <input checked="" type="checkbox"/> Crushed stone</p> <p><input type="checkbox"/> No surfacing material to be used</p> <p>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

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 5/8/2013

RESTORATION PLAN MUST BE SUBMITTED TO THE DIVISION IN DUPLICATE.



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)

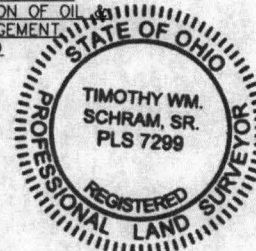
DATE: MARCH 2013

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 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, Rouland & Grubis, Inc.
Engineering & Related Services

200 West Kensington Drive, Suite 400
Cranberry Township, PA 16066
(724) 779-4777
Fax (724) 779-4711
hrghrg-inc.com
www.hrg-inc.com

WELL SURVEY PLAT

FOX TOWNSHIP

CARROLL COUNTY

OHIO

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

DRAWING NO.

PL-1

SHEET NO.

1 OF 1

PROJECT R005092.0466



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

May 13, 2013

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

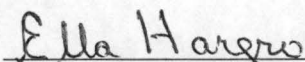
Re: Jones A 33-13-4 #10H

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 (330) 284-1409 or you may contact our regional office in Uniontown, Ohio (330) 896-0616.

Sincerely,



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

Enclosures

CC: Permit file