

34019224140000



Ohio Department of Natural Resources
 Division of Oil and Gas Resources Management
 2045 Morse Rd. Bldg. F-2 – Columbus OH 43229-6693



Pre-Construction Permit Conditions

Application Number	<u>AKH00000090</u>	Permit Number	<u>2-2414-00</u>	Inspection Date	<u>04/24/2013</u>	Modification Date (if applicable)	_____
		Company	<u>Chesapeake Exploration LLC</u>	Lease Name/Well #	<u>Jones A 33-13-4 Well # 10</u>		
		County	<u>Carroll County</u>	Township	<u>Fox Township</u>		
		Section/Lot	<u>Section 33</u>	Urban Area (if applicable)	<u>NOT APPLICABLE</u>		
		Inspected By	<u>Brett A. Farnsworth</u>				
		Accompanied By	<u>Alone</u>				

Directions to Location From Carrollton take State Route 39 to Mechanicstown; Go South on State Route 524 to Apollo Road (right) to Norco Road (right); location is on the north side of Norco Road.

<u>ITEM</u>	<u>LEASE ROAD, WELL SITE CONSTRUCTION</u>	<u>Comments:</u>
1	Tree/Brush Removal/Disposition	Tree and brush removal is required to build the well site. Dispose of the trees and brush as agreed upon with the landowner.
2	Topsoil Removal/Stockpiles/Placement	Store and protect topsoil in piles ; no added requirements for the placement of topsoil piles.
3	Erosion/Sediment Control (Silt Fence, Berms)	Erosion and sedimentation controls will be installed according to the engineered design plans.
4	Drainage Controls (Diversion Ditches, Culverts, Waterways, Crossings)	Drainage controls will be installed according to the engineered designed plans.
5	Signage	Signage / permit will be posted as required.
6	Apron/Culverts/Road Materials	The lease road apron and culverts will be installed in accordance with the approved engineered design plans.
7	Pull Off Area	No addition pull off areas required along the lease road.
8	Parking	No addition parking is required along the lease road.
9	GPS – Access Road	LAT: 40.59892 and LONG: 080.97044
10	GPS – Well Stake	LAT: 40.59972 and LONG: 080.96936
11	GPS – Tank Battery	No GPS Co-ordinates for the tank battery at this time. Location of tank battery is still unknown at this time.
12	GPS – Pit Location	There will be no earthen pits used during the drilling of this well. The drilling contractor will be using a closed loop system (steel pits) while drilling this well.
13	Site Construction Plan	YES: HRG Engineering & Related Services

<u>ITEM</u>	<u>DRILLING CONSIDERATIONS</u>	<u>Comments:</u>
14	Location Dimensions (Length, Width, Approximate Acreage)	Location is approximately 320' by 470' , approximately 3.45 acres for the well pad. The total area of limits disturbance according to the engineered design plan is approximately 9.9 acres.
15	Multiple Wells	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No This well pad is being designed and constructed for

6 wells. The operator is permitting the # 1 well at this time.

16 Rig Type Air/Fluid Rotary
 17 Is a blow-out preventer required? Yes No
 If No, explain: _____

18 Equipment Placement/
 Orientation (Rig/Frac Tanks/Etc.) No special placement / orientation of the drilling equipment.

19	Mine Voids	Yes	<input checked="" type="checkbox"/>	No	The Ohio Geological Survey Abandoned Underground Mine Locator Map doesn't indicate any abandoned underground mines in the area of the proposed well site.
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20 Verify Water Wells Within 300' No water wells located within 300' of this proposed well site.

21 Verify Structures Within 500' No structures located within 500' of this proposed well site.

22 Verify Streams and Drainage The site will drain to the Northeast to an un-named creek.

23	Flood Plain	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	
24	Stream Crossing	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	
	Corps of Engineers Notified	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	
25	Wetlands	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	
	EPA Notified	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	

<u>ITEM</u>	<u>PITS</u>	<u>Comments:</u>
26	Source of water for drilling	<u>Wagner Pond and recycled water from the Shaw Site.</u>
27	Source of water for hydrofrac	<u>Wagner Pond and recycled water from the Shaw Site.</u>
28	Drilling Pits (Placement/Orientation)	<u>The operator will NOT be using earthen pits while drilling the well(s). They will be using a closed loop system (steel pits) while drilling the well(s).</u>
29	Pit Dimensions (Length, Width, Depth)	<u>NOT APPLICABLE : CLOSED LOOP DRILLING PIT SYSTEM.</u>
30	Estimated Volume/Capacity	<u>NOT APPLICABLE : CLOSED LOOP DRILLING PIT SYSTEM.</u>
31	Number & Type of Liners	<u>NOT APPLICABLE : CLOSED LOOP DRILLING PIT SYSTEM.</u>

32	Thickness of Liner	NOT APPLICABLE : CLOSED LOOP DRILLING PIT SYSTEM.
33	Type of Material Under Liner	NOT APPLICABLE : CLOSED LOOP DRILLING PIT SYSTEM.
34	Pit Construction Plan	NOT APPLICABLE : CLOSED LOOP DRILLING PIT SYSTEM.
35	Fencing (Pits/Entire Location)	The operator uses chain link fence and fences the entire location.

ITEM RESTORATION

Comments:

36	Pit Closure – (Standard/Solidification/Off-Site Disposal – state time frame)	Not applicable; No earthen pits. The operator is using a closed loop system (steel pits). The operator is solidifying the drill cuttings and having them hauled and disposed of at an EPA approved landfill.
37	Site-Specific Time Frame for Restoration	As required by Senate Bill 165.
38	Erosion/Sediment Control	Erosion and sedimentation controls will be installed during the site construction in accordance with the engineered design plans.
39	Drainage Control	Drainage controls will be installed during the site construction in accordance with the engineered design plans.

ITEM PRODUCTION

Comments:

40	Is the Access Road Gate required?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	If No, explain:	This proposed well site is not located in an Urban area, therefore an access gate is not required.

WAIVERS

Comments:

41	Is the Company required to submit a waiver?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	If yes, submit the following waiver requests:	

Is the Company required to submit revised drawings? Yes No

THE FOLLOWING ITEMS HAVE BEEN CHANGED FROM THE ORIGINAL APPLICATION:
