

STATE OF OHIO  
DEPARTMENT OF NATURAL  
RESOURCES

Division of Oil and Gas  
Resources Management  
WELL PERMIT

API WELL NUMBER

34-059-2-4327-00-00

OWNER NAME, ADDRESS

ECLIPSE RESOURCES I LP  
2121 OLD GATESBURG RD SUITE 110  
STATE COLLEGE PA 16803

DATE ISSUED

11/26/2013

PERMIT EXPIRES

11/26/2015

TELEPHONE NUMBER

(814) 308-9754

IS HEREBY GRANTED PERMISSION TO: Drill New Well, directionally

AND ABANDON WELL IF UNPRODUCTIVE

PURPOSE OF WELL: Stratigraphic

COMPLETION DATE IF PERMIT TO PLUG:

DESIGNATION AND LOCATION:

LEASE NAME HAYES UNIT  
WELL NUMBER 2H  
COUNTY GUERNSEY  
CIVIL TOWNSHIP MILLWOOD

TRACT OR ALLOTMENT  
SURFACE FOOTAGE LOCATION 134'SL & 1076'EL OF SEC 34  
TARGET FOOTAGE LOCATION 923'NL & 1667'EL OF SEC 33

**CORRECTION**

SURFACE NAD27

X: 2327225

Y: 729757

LAT: 39.9978095107368

LONG: -81.3320467191057

TARGET NAD27

2326618

728696

39.9949186657826

-81.3342619100405

TYPE OF TOOLS: Air Rotary/Fluid Rotary

PROPOSED TOTAL DEPTH 7813 FEET

GROUND LEVEL ELEVATION 1009 FEET

GEOLOGICAL FORMATION(S):

POINT PLEASANT

**SPECIAL PERMIT CONDITIONS:** Permit is subject to the attached terms and/or conditions  
Directional Drilling Well Permit Conditions  
Hydrogen Sulfide 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. 100' CEMENTED TO SURFACE

13 3/8" SURFACE CASING MINIMUM OF 300' CEMENTED TO SURFACE

9 5/8 " INTERMEDIATE APPROX. 1550' 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:**

MICHAEL HARTSHORN (740) 507-8000  
ROCKY KING - Supervisor (614) 562-1854  
DISTRICT #: (740) 588-0631

**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 APPLICATION TYPE (12/02/2013)

**Richard J. Simmers**

CHIEF, Division of Oil and Gas Resources  
Management

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**COMMENTS:**