

FORM

2

Rev  
08/13

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109

Document Number:

1536339

## APPLICATION FOR PERMIT TO:

☐ Drill
 ☐ Deepen
 ☐ Re-enter
 ☒ Recomplete and Operate

Date Received:

11/05/2013

TYPE OF WELL OIL ☒ GAS ☐ COALBED ☐ OTHER \_\_\_\_\_Refilling ☐ZONE TYPE SINGLE ZONE ☐ MULTIPLE ZONES ☒ COMMINGLE ZONES ☐Sidetrack ☐

Well Name: TAYLOR

Well Number: 3

Name of Operator: ATOM PETROLEUM LLC

COGCC Operator Number: 10434

Address: 3323 N MIDLAND DR #113

City: MIDLAND State: TX Zip: 79707

Contact Name: TOM STOVER

Phone: (303)883-6293

Fax: (303)858-8499

Email: TSTOVER08707@COMCAST.NET

## RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20120090

## WELL LOCATION INFORMATION

QtrQtr: NENE Sec: 3 Twp: 33N Rng: 12W Meridian: N

Latitude: 37.138516

Longitude: -108.130516

Footage at Surface: 660 feet FNL/FSL FNL 660 feet FEL/FWL FEL

Field Name: ALKALI GULCH

Field Number: 2000

Ground Elevation: 6867

County: LA PLATA

GPS Data:

Date of Measurement: 01/01/2001 PDOP Reading: 6.0 Instrument Operator's Name: NONE

If well is ☐ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL

Sec: Twp: Rng: Sec: Twp: Rng:

## LOCATION SURFACE &amp; MINERALS &amp; RIGHT TO CONSTRUCT

Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ IndianThe Surface Owner is: ☐ is the mineral owner beneath the location.  
(check all that apply) ☐ is committed to an Oil and Gas Lease.☐ has signed the Oil and Gas Lease.☐ is the applicant.The Mineral Owner beneath this Oil and Gas Location is: ☒ Fee ☐ State ☐ Federal ☐ Indian

The Minerals beneath this Oil and Gas Location will be developed by this Well: Yes

The right to construct the Oil and Gas Location is granted by: Surface Use Agreement

Surface damage assurance if no agreement is in place: Surface Surety ID:

## LEASE INFORMATION

Using standard QtrQtr, Sec, Twp, Rng format, describe one entire mineral lease that will be produced by this well (Describe lease beneath surface location if produced. Attach separate description page or map if necessary.)

NENE SEC 3, T33N, R12W

Total Acres in Described Lease: 40 Described Mineral Lease is: ☒ Fee ☐ State ☐ Federal ☐ Indian

Federal or State Lease # \_\_\_\_\_

Distance from Completed Portion of Wellbore to Nearest Lease Line of described lease: 660 Feet

## CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 1055 Feet

Building Unit: 1055 Feet

High Occupancy Building Unit: 5280 Feet

Designated Outside Activity Area: 5280 Feet

Public Road: 660 Feet

Above Ground Utility: 1055 Feet

Railroad: 5280 Feet

Property Line: 660 Feet

### INSTRUCTIONS:

- All measurements shall be provided from center of the Proposed Well to nearest of each cultural feature as described in Rule 303.a.(5).
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit, High Occupancy Building Unit, and Designated Outside Activity Area - as defined in 100-Series Rules.

## DESIGNATED SETBACK LOCATION INFORMATION

Check all that apply. This location is within a: ☐ Buffer Zone  
☐ Exception Zone  
☐ Urban Mitigation Area

- Buffer Zone – as described in Rule 604.a.(2), within 1,000' of a Building Unit
- Exception Zone - as described in Rule 604.a.(1), within 500' of a Building Unit.
- Urban Mitigation Area - as defined in 100-Series Rules.

Pre-application Notifications (required if location is within 1,000 feet of a building unit):

Date of Rule 305.a.(1) Urban Mitigation Area Notification to Local Government: \_\_\_\_\_

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: \_\_\_\_\_

## SPACING and UNIT INFORMATION

Distance from Completed Portion of Wellbore to Nearest Wellbore Permitted or Completed in the same formation: 4170 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary \_\_\_\_\_ Feet (Enter 5280 for distance greater than 1 mile.)

Federal or State Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

## SPACING & FORMATIONS COMMENTS

## OBJECTIVE FORMATIONS

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
DAKOTA	DKTA			
GALLUP	GLLP			
MESAVERDE	MVRD			

## DRILLING PROGRAM

Proposed Total Measured Depth: 3301 Feet

Distance to nearest permitted or existing wellbore penetrating objective formation: 1687 Feet (Including plugged wells)

Will a closed-loop drilling system be used? Yes

Is H<sub>2</sub>S gas reasonably expected to be encountered during drilling operations at concentrations greater than

or equal to 100 ppm? ☐ No (If Yes, attach an H2S Drilling Operations Plan)

Will salt sections be encountered during drilling? ☐ No

Will salt based (>15,000 ppm Cl) drilling fluids be used? ☐ No

Will oil based drilling fluids be used? ☐ No

BOP Equipment Type: ☐ Annular Preventor ☒ Double Ram ☐ Rotating Head ☐ None

## GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule  609

## DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal:  Drilling Fluids Disposal Methods:

Cuttings Disposal:  Cuttings Disposal Method:

Other Disposal Description:

Beneficial reuse or land application plan submitted?

Reuse Facility ID:  or Document Number:

## CASING PROGRAM

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	9+5/8	40	0	220	45	220	0
1ST	8+3/4	7	23	0	1293	0		0
2ND	6+1/4	4+1/2	10.5	0	3234	40	3234	2950

☒ Conductor Casing is NOT planned

## DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

- ☐ Rule 604.a.(1)A. Exception Zone (within 500' of Building Unit)
- ☐ Rule 604.b.(1)A. Exception Location (existing or approved Oil & Gas Location now within a Designated Setback as a result of Rule 604.a.)
- ☐ Rule 604.b.(1)B. Exception Location (existing or approved Oil & Gas Location is within a Designated Setback due to Building Unit construction after Location approval)
- ☐ Rule 604.b.(2) Exception Location (SUA or site-specific development plan executed on or before August 1, 2013)
- ☐ Rule 604.b.(3) Exception Location (Building Units constructed after August 1, 2013 within setback per an SUA or site-specific development plan)

## GREATER WATTENBERG AREA LOCATION EXCEPTIONS

Check all that apply:

- ☐ Rule 318A.a. Exception Location (GWA Windows).
- ☐ Rule 318A.c. Exception Location (GWA Twinning).

## RULE 502.b VARIANCE REQUEST

- ☐ Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number

## OTHER LOCATION EXCEPTIONS

Check all that apply:

- ☐ Rule 318.c. Exception Location from Rule or Spacing Order Number \_\_\_\_\_
- ☐ Rule 603.a.(2) Exception Location (Property Line Setback).

ALL exceptions and variances require attached Request Letter(s). Refer to applicable rule for additional required attachments (e.g. waivers, certifications, SUAs).

## OPERATOR COMMENTS AND SUBMITTAL

Comments

This application is in a Comprehensive Drilling Plan \_\_\_\_\_ CDP #: \_\_\_\_\_

Location ID: 325653

Is this application being submitted with an Oil and Gas Location Assessment application? No

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: TOM STOVER

Title: MGR OIL & GAS PROPERTY Date: 11/5/2013 Email: TSTOVER0807@COMCAST.N

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved:  Director of COGCC Date: 11/28/2013

Expiration Date: 11/27/2015

**API NUMBER**

05 067 06777 00

## Conditions Of Approval

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

### COA Type

### Description

	<p>1) Provide daily reports to M. Weems-COGCC Regional Engineer either verbally or in writing</p> <p>2) Pressure test the 4 1/2" production casing to at least 300 psig for 15 minutes with the following conditions:</p> <p>a) Set a BP within 50' of the T/cmt</p> <p>b) 10% loss or less is acceptable for passing</p> <p>c) Pkr and RBP are required to locate any discovered casing leaks</p> <p>3) Repair, remove or replace 4 1/2" OD casing if the pressure test stated above fails</p> <p>4) Provide a minimum of 200' of cement above any and all pay zones to be completed</p> <p>5) CBL to verify top of cement is required for all pay zones</p> <p>6) To perforate and complete the MV formation through the 7" OD intermediate casing will require the following:</p> <p>a) That portion of the 4 1/2" OD production covering the MV pay casing must be pulled</p> <p>b) The 7" OD intermediate casing must be cemented to 200' above the pay zone</p> <p>c) Cement behind the 7" OD casing must be sufficient enough to eliminate any and all Braden head pressures</p> <p>d) Perform a Braden head pressure test and submit results via COGCC form 17</p> <p>e) A CBL is required for verification of the top of cement on the 7" OD intermediate casing</p> <p>7) With the satisfactory completion of COA #6, the operator may re-run and/or extend the 4 1/2" OD production casing</p>
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## Best Management Practices

### No BMP/COA Type

### Description

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Date retrieval failed for the subreport 'IntPolicy\_MTO' located at: \\DorDonSterling\FarmReports\policy\_mto.rdl. Please

## Attachment Check List

### Att Doc Num

### Name

1536339	FORM 2 SUBMITTED
1536340	SURFACE AGRMT/SURETY
1536341	OPERATIONS SUMMARY
1536342	WELLBORE DIAGRAM

Total Attach: 4 Files

## General Comments

### User Group

### Comment

### Comment Date

Permit	Final review completed; no LGD or public comment received.	11/27/2013 10:17:56 AM
Permit	GPS will be submitted when cement work outlined in sundry #216790 is completed. per operator 11/27/2013.	11/6/2013 6:04:24 AM

Total: 2 comment(s)