

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:  
400645948

APPLICATION FOR PERMIT TO:

Drill       Deepen       Re-enter       Recomplete and Operate

Date Received:

TYPE OF WELL    OIL     GAS     COALBED     OTHER Pilot Hole      Refiling   
ZONE TYPE      SINGLE ZONE     MULTIPLE ZONES     COMMINGLE ZONES       Sidetrack

Well Name: Pathfinder C-18      Well Number: #4  
Name of Operator: AUS-TEX EXPLORATION INC      COGCC Operator Number: 10412  
Address: 7985 W 16TH AVENUE  
City: LAKEWOOD      State: CO      Zip: 80214  
Contact Name: Kaulin Waldner      Phone: (303)437-0082      Fax: ( )  
Email: kaulin.waldner@dewpointwest.com

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20120088

WELL LOCATION INFORMATION

QtrQtr: NENE      Sec: 18      Twp: 20S      Rng: 69W      Meridian: 6  
Latitude: 38.312172      Longitude: -105.147236  
Footage at Surface:      FNL/FSL      FEL/FWL  
1347 feet      FNL 1344 feet      FEL  
Field Name: WILDCAT      Field Number: 99999  
Ground Elevation: 5963      County: FREMONT  
GPS Data:  
Date of Measurement: 07/16/2014    PDOP Reading: 1.7    Instrument Operator's Name: M. Petty  
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  
1097    FNL 1489    FEL      752    FNL 1689    FEL  
Sec: 18    Twp: 20S    Rng: 69W      Sec: 18    Twp: 20S    Rng: 69W

LOCATION SURFACE & MINERALS & RIGHT TO CONSTRUCT

Surface Ownership:  Fee       State       Federal       Indian  
The 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: Bond  
Surface damage assurance if no agreement is in place: Blanket      Surface Surety ID: 20140022

## 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.)

See attached lease description. This 10,431 acre lease hold is a single lease.

Total Acres in Described Lease: 10431 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: 1344 Feet

## CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 1472 Feet

Building Unit: 1325 Feet

High Occupancy Building Unit: 5280 Feet

Designated Outside Activity Area: 5280 Feet

Public Road: 263 Feet

Above Ground Utility: 5280 Feet

Railroad: 5280 Feet

Property Line: 307 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: 784 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary 1344 Feet (Enter 5280 for distance greater than 1 mile.)

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

## SPACING & FORMATIONS COMMENTS

Nearest distance measured to permitted Pathfinder C-18 #1-S API #05-043-06226-00 completed portion of wellbore. This well and formation have been plugged.

## OBJECTIVE FORMATIONS

**Objective Formation(s)**    **Formation Code**    **Spacing Order Number(s)**    **Unit Acreage Assigned to Well**    **Unit Configuration (N/2, SE/4, etc.)**

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
PIERRE	PRRE			
SHARON SPRINGS	SHSP			

## DRILLING PROGRAM

Proposed Total Measured Depth: 3697 Feet

Distance to nearest permitted or existing wellbore penetrating objective formation: 784 Feet (Including plugged wells)

Will a closed-loop drilling system be used? No

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:   ONSITE        Drilling Fluids Disposal Methods:   Evaporation  

Cuttings Disposal:   ONSITE        Cuttings Disposal Method:   Cuttings trench  

Other Disposal Description:

Beneficial reuse or land application plan submitted?   No  

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
CONDUCTOR	12+1/4	9+5/8	36	0	60	14	60	0
SURF	8+3/4	7	23	0	980	93	980	0
1ST LINER	6+1/4	4+1/2	11.6	0	3697			

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: \_\_\_\_\_

Is this application being submitted with an Oil and Gas Location Assessment application?  Yes

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

Signed: \_\_\_\_\_ Print Name: Kaulin Waldner

Title: Agent Date: \_\_\_\_\_ Email: kaulin.waldner@dewpointwest.

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: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

API NUMBER

05

## 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.

## Best Management Practices

No	BMP/COA Type	Description
1	General Housekeeping	Housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur prompt cleanup will be required to minimize any commingling of waste materials with stormwater runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls. Cleanup will consist of patrolling the roadways, access areas, and other work areas to pick up trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly.

Total: 1 comment(s)

## Attachment Check List

<b>Att Doc Num</b>	<b>Name</b>
400647609	DIRECTIONAL DATA
400647698	DIRECTIONAL DATA
400647706	PLAT
400647708	DEVIATED DRILLING PLAN
400647710	DEVIATED DRILLING PLAN

Total Attach: 5 Files

### General Comments

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>

Total: 0 comment(s)