

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:
400469753

APPLICATION FOR PERMIT TO:

Drill Deepen Re-enter Recomplete and Operate

Date Received:
08/20/2013

TYPE OF WELL OIL GAS COALBED OTHER Wtr Disp Well
ZONE TYPE SINGLE ZONE MULTIPLE ZONES COMMINGLE ZONES

Refiling
Sidetrack

Well Name: San Pablo Well Number: 11-4 WD
Name of Operator: PIONEER NATURAL RESOURCES USA INC COGCC Operator Number: 10084
Address: 1401 17TH ST STE 1200
City: DENVER State: CO Zip: 80202
Contact Name: Joy Ziegler Phone: (303)675-2663 Fax: (303)294-1275
Email: joy.ziegler@pxd.com

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20040083

WELL LOCATION INFORMATION

QtrQtr: NWNW Sec: 4 Twp: 33S Rng: 67W Meridian: 6
Latitude: 37.206340 Longitude: -104.898530

Footage at Surface: 528 feet FNL/FSL FNL 990 feet FEL/FWL FWL

Field Name: PURGATOIRE RIVER Field Number: 70830
Ground Elevation: 7534 County: LAS ANIMAS

GPS Data:
Date of Measurement: 07/31/2013 PDOP Reading: 5.3 Instrument Operator's Name: Norman Scott Weese

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 & 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: No

The right to construct the Oil and Gas Location is granted by: applicant is owner

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.)

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: 318 Feet

CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 1876 Feet
 Building Unit: 5280 Feet
 High Occupancy Building Unit: 5280 Feet
 Designated Outside Activity Area: 5280 Feet
 Public Road: 200 Feet
 Above Ground Utility: 200 Feet
 Railroad: 5280 Feet
 Property Line: 318 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: 5280 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary 528 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			
ENTRADA	ENRD			

DRILLING PROGRAM

Proposed Total Measured Depth: 7052 Feet

Distance to nearest permitted or existing wellbore penetrating objective formation: 31680 Feet (Including plugged wells)

Will a closed-loop drilling system be used? No

Is H₂S 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: OFFSITE Cuttings Disposal Method: Commercial Disposal
 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
CONDUCTOR	20+1/8	20	94	0	20			
SURF	17+1/2	13+3/8	48	0	640	367	640	0
2ND	12+1/4	9+5/8	36	0	2554	309	2554	590
3RD	8+3/4	7	23	0	7052	79	7052	6000

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 well is to be drilled for the purpose of a water disposal well. Copies of Forms 26, 31, & 33 and all attachments will be hand delivered the same day the 2 and 2A are submitted.

Note: The actual conductor casing hole size is 20". Pioneer increased the conductor hole size by 1/8" to accommodate the eForm reporting system at the request of the COGCC.

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: Joy Ziegler _____

Title: Lead Engineering Tech. _____ Date: 8/20/2013 _____ Email: joy.ziegler@pxd.com _____

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: Matthew Lee _____ Director of COGCC Date: 10/23/2013 _____

Expiration Date: 10/22/2015 _____

API NUMBER

05 071 09916 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

- 1) Provide 48 hour notice of prior to spud via electronic Form 42.
- 2) Set intermediate casing at least 200' below base of Trinidad formation. Cement from TD to 50' above surface casing shoe. Verify with CBL.
- 3) Provide cement coverage of production casing from TD to 200' above Dakota. Verify with CBL.
- 4) Immediately cease operations and notify the COGCC in the event of any operational problem that could potentially impact water wells in the area.
- 5) Approval of COGCC Form 31 and 33 required prior to injection.
- 6) Prior approval of Form 4 is required for step rate and injectivity tests.
- 7) Retrieve water sample before stimulating formation.

Best Management Practices

No	BMP/COA Type	Description
1	Storm Water/Erosion Control	Note: Pioneers complete BMP is too extensive for this form and is on file at the Pioneer's Denver Office. Following is a summary of the plan: A diversion ditch will be installed on the cut side to divert the rain water/snow melt from the location. Erosion control devices will be installed on the fill side of the location to contain any erosion from the fill part of the location.
2	Material Handling and Spill Prevention	Spill response equipment shall be available in the event of a spill or release. Pioneer shall investigate spills to ensure proper clean-up/remediation measures & required reporting protocol is implemented.
3	Interim Reclamation	All the areas of the location will be contoured to the original stage.

Total: 3 comment(s)

Attachment Check List

Att Doc Num	Name
400469753	FORM 2 SUBMITTED
400469808	CONSULT NOTICE
400469810	LEGAL/LEASE DESCRIPTION
400469812	30 DAY NOTICE LETTER
400469814	OTHER
400469823	PLAT

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
Permit	Final review completed; no LGD or public comment received.	10/23/2013 1:21:57 PM
Permit	Water disposal permits received. Distance to lease line legal.	8/29/2013 5:18:55 AM
Permit	Well would inject water less than 300 feet from lease line.	8/23/2013 6:55:31 AM
Permit	Returned to draft. Form was completed in the old style and not updated. No review made.	8/21/2013 2:33:41 PM

Total: 4 comment(s)