



NorthSTAR User Manual tips
Application for Permit
Modification

Form ID: 15717

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Form Information [Hide Form Navigation]

Form Name
Application for Permit

Organization
BURLINGTON RESOURCES OIL & GAS COMPANY LP

Type of Work
Permit Modification

Type of Well
Oil & Gas

Well API
3305309375

Well Name
F JORGENSON 1A TFH

File No.
37483

Enter the well information in the following format: Township – Range – Section – Well Name and Number – Type of Well (Example: 156 – 097 – 02 – Smith 1– Oil & Gas).
MODIFICATION-151N-097W-11-F JORGENSON 1A TFH-OIL & GAS

↑
Include word modification here to make it easier to find when searching.

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Please enter information on the proposed Well operation below.
Grey highlighted fields are informational only.

* Indicates Required Field

Associate Bond

B351

Associated Inspector

Joyce Kohut - Dickinson

Permit Fee

N/A

Confidential Status

Yes

Date Off Confidential *

Proposed Start Date *

12/26/2020

Well Name

F JORGENSON

Well Number

1A TFH

Wellhead Location

Surface Owner

Private

Footages From Nearest Section Line

Footage 1: *

772

Feet From

S

Line

Footage 2: *

1766

Feet From

W

Line

NDIC Pierre Top Pick

700

Feet SS

Min Required Surface Casing

1773

Multi-Well Pad Number

Magnetic Declination ⓘ

7.46 degrees E

Qtr-Qtr

or Lot: *

SE SW

Section: *

11

Township: *

151

N

Range: *

97

W

County:

McKenzie

Latitude of Well Head
(NAD 83): *

47.90754200

Longitude of Well Head
(NAD 83): *

-103.06209300

Ground Elevation
(Ft above SL): * ⓘ

2299

Graded Pad Elevation
(Ft above SL):

2298

Surface Owner/Tenant

Name *

FAYE A ANDERSON

Mailing Address *

3342 115TH AVE NW

City *

WATFORD CITY

State *

ND

Zip *

58854

For modifications include if the pad has been built, Conductor set in this spot.

Surface Comments (Max of 2000 Characters)

THIS IS A PENTA PAD. THE F JORGENSON 1 PENTA.

Spill Prevention and Monitoring Controls (Max of 2000 Characters)

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API: 3305309375 File No.: 37483 Field: N/A Type of Well: Oil & Gas Type of Work: Permit Modification

Please verify or enter location information on the Well below. * Indicates Required Field

Deepest Formation to Penetrate *

Three Forks Second Bench (B2) ▼

Re-enter information that NorthStar has removed. All wells that were permitted with RBDMS Classic need information entered.

Proposed Logs *

Logs	Yes	No	Request Waiver
Acoustic/Sonic	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Cased Hole	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Casing Evaluation	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cement Evaluation (Required Type)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Density/Porosity (Required Type)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Drilling/Mud	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engineered/Advanced	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Gamma to Ground Level (Required Type)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Geologic Interpretation	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Resistivity (Required Type)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Other Proposed Logs, Cores or Tests

Zones of Significance ⓘ

 ▼ Advanced Filtering Actions - ⚙️ 				
Zone Name	Zone Category †	Top TVD (ft)	Bottom TVD (ft)	Actions
Base Of Last Salt	Base of Last Salt		9189	Actions-
Pierre Fm.	Geologic Top	1714		Actions-
Greenhorn Fm.	Geologic Top	4326		Actions-
Mowry Fm.	Geologic Top	4741		Actions-
Dakota Group	Geologic Top	5154		Actions-
Rierdon Fm.	Geologic Top	6021		Actions-
Piper Fm.	Geologic Top	6320		Actions-
Dunham Salt	Geologic Top	6536		Actions-

API: 3310505281 File No.: 36773 Field: N/A Type of Well: Oil & Gas Type of Work: Permit Modification

Please enter information on the Wellbore, Wellbore Construction Features, Cement, and Cement classes below.

Wellbore Information									
Wellbore Type	API	File No.	Construction Status	Record Status	Wellstar (MD ft)	Total Depth (MD ft)	Total Depth (TVD ft)	Hole Size (in)	Actions
SURFACEHOLE 1	3310505281-00	3310505281-00	Installed	Proposed	0	1667	1667	13.5	Actions
LATERAL 1	3310505281-02	3310505281-02	Permitted	Proposed	10580	20576	9900	6	Actions
VERTICALCURVE 1	3310505281-01	3310505281-01	Installed	Proposed	1667	10580	9900	8.75	Actions

Use the Advance filtering to sort to proposed wellbore this makes it less confusing when entering the numbers.

Advanced Filtering Actions

Northstar defaults to Vert and curve. Check directional plan to see if this should be Directional.

Tip: sorting by hole size makes it easier to check to see if depths entered correctly.

REminder: Double check to make sure hole size is entered and not the casing size.

Reminder every time the whole size changes there will be a new wellbore type added.

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Wellbore Construction Feature

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Features & Cement [Hide Form Navigation]

API: 3310505281 **File No.:** 36773 **Field:** N/A **Type of Well:** Oil & Gas **Type of Work:** Permit Modification

Please enter information on the Wellbore, Wellbore Construction Features, Cement, and Cement classes below.

Wellbore Information									
Advanced Filtering									
Wellbore Type ↑	Wellb... Code (API-12)	Con... Status	Rec... Status	Well... Star... (MD...)	Total Depth (MD ft)	Total Depth (TVD ft)	Hole Size (in)	Actions	
			nt						
LATERAL 1	3310505281-02	Not Installed	Current	999999	999999				Actions
SURFACEHOLE 1	3310505281-00	Installed	Current	0	0				Actions
VERTICALCURVE 1	3310505281-01	Installed	Current	0	999999				Actions

Only use the Black Actions down triangle during modifications, if adding a new wellbore. If adding a Dakota string check to see if the wellbore is vertical or deviated to make selection. If wellbore is directional Make sure to fill in the bottom hole coordinates from well head and bottom hole footages.

Edit the lateral

Wellbore info. in wells permitted in RBDMS defaults to bogus information.

Click on the down triangle by the Blue Actions to edit the surface hole information. Enter all information that is required for a new apd. Hole size is required.

Rename the V&C, Directional if the wellbore is deviated after surface casing. Enter all information that is required for a new apd. Hole size is required.

Wellbore Construction Feature

Advanced Filtering

Actions



Click on the Heading Title to sort by Heading.

Feature ID ↑	Install Status	Record Status	Feature Top MD (ft)	Feature Bottom MD (ft)	Outside Diameter (decimal inches)	Format... Isolated
Intermediate Casing 1	Permitted	Current	0	10170	7	
Intermediate Casing 2	Permitted	Current	10170	11617	7	
Surface Casing 1	Permitted	Current	0	1950	9.625	
Production Liner 1	Permitted	Current	10000	21608	4.5	
Intermediate Casing 1	Permitted	Proposed	0	10242	7	
Intermediate Casing 2	Permitted	Proposed	10242	11727	7	
Production Liner 1	Permitted	Proposed	10075	21589	4.5	

Sorted by Record status after Proposed information is entered.

Cement Segment

Advanced Filtering



Segment ID	Associated Feature ↑	Install Status	Record Status	Top MD (ft)	Bottom MD (ft)
C2	Intermediate Casing 1	Permitted	Current	4444	11617
C1	Surface Casing 1	Permitted	Current	0	1950
C3	Production Liner 1	Permitted	Current	10000	21608
C2	Intermediate Casing 1	Permitted	Proposed	4446	11727
C3	Production Liner 1	Permitted	Proposed	10075	21589

Wellbore Construction Feature

Advanced Filtering Actions

Feature ID	Install Status	Record Status	Feature Top MD (ft)	Feature Bottom MD (ft)	Outsi... Diam... (deci... inch...	Actions
Production Casing 1	Permitted	New	0	10580	7	Actions+
Production Liner 1	Permitted	New	10580	20576	4.5	Actions+
Surface Casing 1	Permitted	New	0	1667	9.625	Actions+

Wellbore Construction Feature

* Indicates Required Field

Feature *	Construction Status *	Record Status	
Production Casing	Permitted	New	
Wellbore Start * i	Wellbore End * i		
SURFACEHOLE 1	VERTICALCURVE 1		
Feature Top MD (ft) *	Feature Bottom MD (ft) *	Outside Diameter (decimal inches)	Inside Diameter (decimal inches)
0	10580	7	
Weight (lbs)	Grade/Type	Burst Pressure (psi)	
32	P-110		
Feature Condition	Install Date	Remove Date	
New			
Pulled	Connection Type		

This defaults to V&C change to directional if wellbore is deviated after Surface casing and before KOP.



Description

Wellbore Construction Feature

Advanced Filtering Actions

Feature ID	Install Status	Record Status	Feature Top MD (ft)	Feature Bottom MD (ft)	Outsi... Diam... (deci... inch...	Actions
Production Casing ↑	Permitted	New	0	10580	7	Actions+
Production Liner ↑	Permitted	New	10580	20576	4.5	Actions+
Surface Casing ↑	Permitted	New	0	1667	9.625	Actions+

Wellbore Construction Feature



* Indicates Required Field

Feature *

Production Liner

Construction Status *



Permitted

Record Status

New

Wellbore Start *

VERTICALCURVE 1

Wellbore End *

LATERAL 1

Feature Top MD (ft) *

10580

Feature Bottom MD (ft) *

20576

Outside Diameter (decimal inches)

4.5

Inside Diameter (decimal inches)

Weight (lbs)

11.6

Grade/Type

P-110

Burst Pressure (psi)

Feature Condition

New

Install Date



Remove Date



Pulled

Connection Type

Description

This defaults to V&C, well is directional after SC is set and KOP change this to directional.

Advanced Filtering

Actions



Feature ID ↑	Install Status	Record Status	Feature Top MD (ft)	Feature Bottom MD (ft)	Outsi... Diam... (deci... inch...	Actions
Intermediate Dakota Casing 1	Permitted	New	0	6241	9.625	Actions
Production Casing 1	Not Installed	Current	0	11409	7	Actions
Production Casing 1	Permitted	Proposed	0	11409	7	Actions
Production Liner 1	Not Installed	Current	10486	21390	4.5	Actions
Production Liner 1	Permitted	Proposed	10486	21390	4.5	Actions
Surface Casing 1	Not Installed	Current	0	1914	9.625	Actions
Surface Casing 1	Permitted	Proposed	0	1914	13.375	Actions

Cement Segment

Advanced Filtering

Actions



Segment ID	Associated Feature ↑	Install Status	Rec... Status	Top MD (ft)	Bottom ... (ft)	Actions
C4	Intermediate Dakota Casing 1	Permitted	New	1914	6241	Actions
C2	Production Casing 1	Not Installed	Current	4241	11409	Actions
C2	Production Casing 1	Permitted	Proposed	6241	11409	Actions
C3	Production Liner 1	Not Installed	Current	10486	21390	Actions
C3	Production Liner 1	Permitted	Proposed	10486	21390	Actions
C1	Surface Casing 1	Not Installed	Current	30	1914	Actions



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Completion & Perforation [Hide Form Navigation]

API: 3310505281 File No.: 36773 Field: N/A Type of Well: Oil & Gas Type of Work: Permit Modification

Please enter Completion Intervals and Completion Perforations. * Indicates Required Field information below.

Completion Interval

Advanced Filtering Actions

Co... Inte... Uni...	Well...	Com... Inter... Type	Pool St...	Inst... Sta...	Re... Sta...	Top M...	Bo... M...	Field	Pool	Actions
[dropdown]	[dropdown]	[dropdown]	[dropdown]	[dropdown]	[dropdown]	[dropdown]	[dropdown]	[dropdown]	[dropdown]	[dropdown]
C1	VERTI CALCU RVE 1	Oil & Gas	Perm itted to Drill	Not Install ed	Curre nt			CAPA	BAKK EN	Actions

Defaults to vertical and curve. Change to Lateral

Use the drop down triangle to edit the lateral. Change to wellbore to lateral from V&C.

9 Proposed Work

10 Document Upload

11 Operator Assertions

12 Form Submit

13 Confirmation

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C1	LATERAL 1	Oil & Gas	Permitted to Drill	Permitted	Proposed	10630	20516	CAPA	BAKKEN	Actions
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Completion Interval

* Indicates Required Field

Wellbore* Completion Interval Type* Pool Status*

Interval Construction Status* Record Status

Top MD (ft)* Top TVD (ft) Bottom MD (ft)* Bottom TVD (ft)

Top Coordinates (ft):* From WH N/S From WH E/W

Bottom Coordinates (ft):* From WH N/S From WH E/W

Longstring Casing Point

Footages: Feet From Line Feet From Line

Coordinates (ft): From WH N/S From WH E/W

Qtr-Qtr Section Township N Range W County

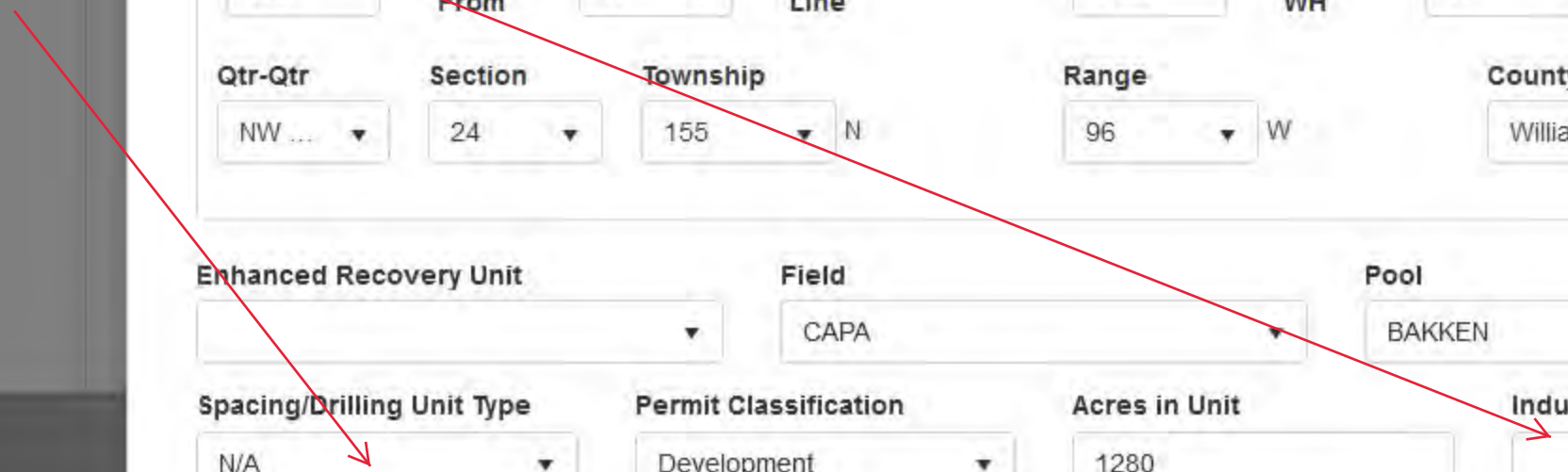
Enhanced Recovery Unit Field Pool

Spacing/Drilling Unit Type Permit Classification Acres in Unit Industrial Commission Order

Legal Description of the Spacing/Drilling Unit

Reservation Surface Boundary Intersected by Spacing/Drilling Unit

Modification: Refill in all the boxes that are required of a new APD. Some required boxes do not have red asterisks by them. IF the Field and spacing unit change remember to update the boxes.





API: 3310505281 File No.: 36773 Field: N/A Type of Well: Oil & Gas Type of Work: Permit Modification

Please enter Completion Intervals and Completion Perforations information below. * Indicates Required Field

Completion Interval

Advanced Filtering

Actions



Co... Inte... Uni...	Well...	Com... Inter... Type	Pool St...	Inst... Sta...	Re... Sta...	Top M...	Bo... M...	Field	Pool	Actions
C1	VERTI CALCU RVE 1	Oil & Gas	Perm itted to Drill	Not Install ed	Curre nt			CAPA	BAKK EN	Actions
C1	LATER AL 1	Oil & Gas	Perm itted to Drill	Permit ted	Propo sed	1063 0	2051 6	CAPA	BAKK EN	Actions

This defaults to Vertical and Curve.



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C1	Lateral 1	Oil & Gas	Permitted to Drill	Not Installed	Current	11409	21340	ELIDAH	BAK KEN	Actions-
C1	Lateral 1	Oil & Gas	Permitted to Drill	Permitted	Proposed	11409	21390	ELIDAH	BAK KEN	Actions-

Completion Open Hole or Perforations

Advanced Filtering Actions -

Perfor... Unique ID	Associ... Compl... Interv...	Install Status	Record Status	Type	Open ... Perfor... Status	Top MD (ft)	Bottom MD (ft)	Actions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P1	C1	Not Installed	Current	Perforation	Proposed	11409	21340	Actions-

Use the dropdown triangle next to the Blue Actions to edit the lateral. Do not use the Black actions button to edit the lateral doing so will add a new lateral.

7. Features & Cement

8. Completion & Perforation

9. Proposed Work

10. Document Upload

11. Operator Assertions

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C1	Lateral 1	Oil & Gas	Permitted to Drill	Not Installed	Current	11409	21340	ELIDAH	BAKKEN	Actions-
C1	Lateral 1	Oil & Gas	Permitted to Drill	Permitted	Proposed	11409	21390	ELIDAH	BAKKEN	Actions-

Completion Open Hole or Perforations

Advanced Filtering

Actions -



Perfor... Unique ID	Associ... Compl... Interv...	Install Status	Record Status	Type	Open ... Perfor... Status	Top MD (ft)	Bottom MD (ft)	Actions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P1	C1	Not Installed	Current	Perforation	Proposed	11409	21340	Actions-
P1	C1	Permitted	Proposed	Perforation	Proposed	11429	21340	Actions-

This is what the screen will look like after editing the wellbore.



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API:	File No.:	Field:	Type of Well:	Type of Work:
3310505278	36770	N/A	Oil & Gas	Permit Modification

Please enter information on proposed work below.

* Indicates Required Field

Proposed Work, Comments and Additional Information**(2000 characters maximum. If additional information is needed, please upload additional documentation):**

This is same as the "Details of Work " section from the Form 4 sundry. Detail what is being changed with the the well. Is the BHL moving 250' N/S/E/W. Is the target formation changing. Is an addition string of casing being added.(Dakota String.) Is completion method changing. Spacing unit change. If the well is paired up with another well in a different spacing unit per the drilling and completion.

If the surface casing has been set. Put that information here. If the cuttings disposal information isn't listed on an attachment put it here.

If the pad production layout has changed or is being expanded from the original permit include it here.

For Re-entry wells : Comment here if the well is a lateral extension or an additional lateral. If it is a sidetrack off the original lateral and the original lateral is going to be refracked. Include the information here.

Comments

Add