

Shell Frontier Oil & Gas Inc.
Annual Report - CDRMS Prospecting Notice of Intent (NOI)

Report Year: 2024
NOI Number: P-2005-002

NOI Anniversary Date: February 28, 2005
Prospecting Project Name: 2005-06 Private Land Drilling Program

PROSPECTOR INFORMATION				SURFACE LANDOWNER INFORMATION			
Prospector: <u>Shell Frontier Oil & Gas Inc. (SFOGI)</u>				Landowner: <u>Shell Frontier Oil & Gas Inc. (SFOGI)</u>			
Address: <u>Woodcreek, E-1040-F</u>				Address: <u>Woodcreek, E-1040-F</u>			
<u>150-C North Dairy Ashford</u>				<u>150 North Dairy Ashford</u>			
<u>Houston, TX 77079</u>				<u>Houston, TX 77079</u>			
Telephone: <u>1 (970) 274-3411</u>				Telephone: <u>1 (832) 762-2763</u>			
Fax: <u>None</u>							
Contact Person: <u>Samantha Baker</u>							
email: <u>Samantha.d.Baker@shell.com</u>							

DESCRIPTION OF ACTIVITIES					RECLAMATION & WEED MANAGEMENT ACTIVITIES
Pad A26-35-199 (alluvial)					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	
A26-35-199-AL	Core / Hydrology	4421768.510	715404.112	P&A, reclaimed & reseeded Fall 2016	
Is site in final reclamation?				Released	
Is weed control being conducted in accordance with an approved weed management plan?				NA, site has been closed	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None	
					Pad area was cleared of brush only; no soil disturbed. P&A work for all installed holes completed in 2016 and surface casing cut off below final grade. Pad regrading, soil replacement work and reseeded completed in Fall 2016 (final reclamation phase). 2017-2020 Noxious weed monitoring annually, fall treatment on Downy Brome and spot re-seeding where required. 2021 - DRMS annual inspection (6/29/20) approved pad had reached final reclamation and acreage reduction released from NOI.

Pad A27-36-199 (alluvial)					RECLAMATION & WEED MANAGEMENT ACTIVITIES
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	
A27-36-199-AL	Core / Hydrology	4422722.570	717198.112	P&A, reclaimed & reseeded Fall 2016	
Is site in final reclamation?				Released	
Is weed control being conducted in accordance with an approved weed management plan?				NA, site has been closed	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None	
					Pad area was cleared of brush only; no soil disturbed. P&A work for all installed holes completed in 2016 and surface casing cut off below final grade. Pad regrading, soil replacement work and reseeded completed in Fall 2016 (final reclamation phase). 2017-2020 Noxious weed monitoring annually, fall treatment on Downy Brome and spot re-seeding where required. 2021 - DRMS annual inspection (6/29/20) approved pad had reached final reclamation and acreage reduction released from NOI.

Pad A28-25-199 (alluvial)					RECLAMATION & WEED MANAGEMENT ACTIVITIES
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	
A28-25-199-AL	Core / Hydrology	4423287.117	718194.015	P&A, reclaimed & reseeded Fall 2016	
Is site in final reclamation?				Yes	
Is weed control being conducted in accordance with an approved weed management plan?				Yes (details provided on attached site map)	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):					None
					Pad area was cleared of brush only; no soil disturbed. P&A work for all installed holes completed in 2016 and surface casing cut off below final grade. Pad regrading, soil replacement work and reseeded completed in Fall 2016 (final reclamation phase). 2017-2021 Noxious weed monitoring annually, fall treatment on Downy Brome and spot re-seeding where required. 2021 - DRMS annual inspection (6/29/20) stated that weed control was successful but wanted to confirm 70% of re-vegetation established in 2022. DRMS requested 1 annual growth cycle. 2023 - ongoing re-vegetation and weed control for 2024 inspection.

Pad A29-29-198 (alluvial)					RECLAMATION & WEED MANAGEMENT ACTIVITIES
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	
A29-29-198-AL	Core / Hydrology	4423439.818	720616.088	P&A, reclaimed & reseeded Fall 2016	
Is site in final reclamation?				Released	
Is weed control being conducted in accordance with an approved weed management plan?				NA, site has been closed	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):					
					Pad area was cleared of brush only; no soil disturbed. P&A work for all installed holes completed in 2016 and surface casing cut off below final grade. Pad regrading, soil replacement work and reseeded completed in Fall 2016 (final reclamation phase). 2017-2020 Noxious weed monitoring annually, fall treatment on Downy Brome and spot re-seeding where required. 2021 - DRMS annual inspection (6/29/20) approved pad had reached final reclamation and acreage reduction released from NOI.

Pad A33-17-298 (alluvial)					RECLAMATION & WEED MANAGEMENT ACTIVITIES
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	
A33-17-298-AL	Core / Hydrology	4417737.975	721746.391	2010 (borehole P&A completed)	
Is site in final reclamation?				Released	
Is weed control being conducted in accordance with an approved weed management plan?				NA, site has been closed	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):					

Borehole P&A'd completed in 2010 and disturbed area regraded (final reclamation phase). Very minimal disturbance. Natural vegetation established on pad. 2017-2020 Noxious weed monitoring annually, fall treatment on Downy Brome and spot re-seeding where required. 2021 - DRMS annual inspection (6/29/20) approved pad had reached final reclamation and acreage reduction released from NOI.

Pad A34-10-298 (alluvial)					RECLAMATION & WEED MANAGEMENT ACTIVITIES
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	
A34-10-298-AL	Core / Hydrology	4418809.951	724078.053	P&A, reclaimed & reseeded Fall 2015	
Is site in final reclamation?				Released	
Is weed control being conducted in accordance with an approved weed management plan?				NA, site has been closed	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):					

Pad area was cleared of brush only; no soil disturbed. P&A work for all installed holes completed in 2015 and surface casing cut off below final grade. Pad regrading, soil replacement work and reseeded completed in Fall 2015 (final reclamation phase). Noxious weed monitoring annually, fall treatment on Brome and spot re-seeding where required. 2021 - DRMS annual inspection (6/29/20) approved pad had reached final reclamation and acreage reduction released from NOI.

Pad A35-11-298 (alluvial)					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES
A35-11-298-AL	Core / Hydrology	4418865.775	725541.060	P&A, reclaimed & reseeded Fall 2015	Pad area was cleared of brush only; no soil disturbed. P&A work for all

Is site in final reclamation?	Released	installed holes completed in 2015 and surface casing cut off below final grade. Pad regrading, soil replacement work and reseeded completed in Fall 2015 (final reclamation phase). Noxious weed monitoring annually, fall treatment on Downy Brome. Below average rainfall throughout the summer and fall months.
Is weed control being conducted in accordance with an approved weed management plan?	NA, site has been closed	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):	None	

Pad 47-36-199					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES Soil stockpiles reseeded. Portion of pad reseeded for groundcover 10/2008 (phase 2 interim reclamation). Pit closed. P&A work for all installed holes completed in 2014 and surface casing cut off below final grade. Pad regrading and soil replacement work completed; reseeding work completed in Fall 2014 (final reclamation phase). 2016 - vegetation established at 60% with second year seed producing. 2017/2018 - Below average rainfall throughout the summer and fall months, fall treatment on Downey Brome. 2019 - above avg. rainfall, multiple weed control events, focus on Downy Brome, spot re-seeding. 2020 - dry conditions monitor weed control and spot re-seeding. On going Noxious weed monitoring 2021 - DRMS annual inspection (6/29/20) approved pad had reached final reclamation status and acreage reduction released from NOI.
47-36-199-AG	Hydrology	4422727.221	717104.840	P&A, reclaimed & reseeded Fall 2016	
47-36-199-BG	Hydrology	4422718.234	717092.551	Hole not installed	
Is site in final reclamation?				Released	
Is weed control being conducted in accordance with an approved weed management plan?				NA, site has been closed	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None	
Pad 48-35-199					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES Soil stockpiles reseeded. Portion of pad reseeded for groundcover 10/2008 (phase 2 interim reclamation). Pit closed. P&A work for all installed holes completed in 2014 and surface casing cut off below final grade. Pad regrading and soil replacement and reseeding work completed in Fall 2014 (final reclamation phase). 2017/2018 - Below average rainfall throughout the summer and fall months, fall treatment on Downey Brome. 2019 - above avg. rainfall, multiple weed control events, focus on Downy Brome, spot re-seeding. 2020 - dry conditions monitor weed control and spot re-seeding. On going Noxious weed monitoring 2021 - DRMS annual inspection (6/30/20) approved pad had reached final reclamation and acreage reduction released from NOI.
48-35-199-L3	Core / Hydrology	4422430.327	716760.227	08/2010 (borehole P&A completed)	
Is site in final reclamation?				Released	
Is weed control being conducted in accordance with an approved weed management plan?				NA, site has been closed	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None	
Pad 49-35-199					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES Pad area was cleared of brush only; no soil disturbed. P&A work for all installed holes completed in 2016 and surface casing cut off below final grade. Pad regrading, soil replacement work and reseeding completed in Fall 2016 (final reclamation phase). 2017-2021 Noxious weed monitoring annually, fall treatment on Downy Brome and spot re-seeding where required. 2021 - DRMS annual inspection (6/29/20) stated that weed control was successful but wanted to confirm 70% of re-vegetation established in 2022. DRMS requested 1 annual growth cycle. 2023 - ongoing re-vegetation and weed control for 2024 inspection.
49-35-199-AG	Core/Hydro./Inj.	4422376.921	716559.946	P&A, reclaimed & reseeded Fall 2016	
Is site in final reclamation?				Yes	
Is weed control being conducted in accordance with an approved weed management plan?				Yes (details provided on attached site map)	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None	
Pad 50-35-199					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES Soil stockpiles reseeded. Pit closed, site partially reseeded 09/2008 (phase 2 interim reclamation). P&A work for installed hole completed in 2016 and surface casing cut off below final grade. Pad regrading, soil replacement and reseeding work completed in Fall 2016 (final reclamation phase). 2017/2018 - Below average rainfall throughout the summer and fall months, fall treatment on Downey Brome. 2019 - above avg. rainfall, multiple weed control events, focus on Downy Brome, spot re-seeding. 2020 - dry conditions monitor weed control and re-seeding the pad had poor revegetation. 2022/2022- inspected 2020 Fall reseeded, good growth, continue to monitor weed maintenance. 2023 - applied soil amendment and woody debris to enhance the vegational growth. 2024: Continue to monitor re-vegetation growth and focus on weed mgnt. On going Noxious weed monitoring
50-35-199-B(A)	Hydro./Inj. (A-B)	4422120.314	716654.697	P&A, reclaimed & reseeded Fall 2016	
50-35-199-BR	Core / Hydrology	4422117.698	716625.745	P&A, reclaimed & reseeded Fall 2016	
50-35-199-L5	Core / Hydrology	4422119.384	716669.963	P&A, reclaimed & reseeded Fall 2016	
Is site in final reclamation?				Yes	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				Yes (details provided on attached site map)	
Pad 51-35-199					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES Soil stockpiles reseeded. Pit closed, site partially reseeded 09/2008 (phase 2 interim reclamation). P&A work for installed hole completed in 2016 and surface casing cut off below final grade. Pad regrading, soil replacement and reseeding work completed in Fall 2016 (final reclamation phase). 2017/2018 - Below average rainfall throughout the summer and fall months, fall treatment on Downey Brome. 2019 - above avg. rainfall, multiple weed control events, focus on Downy Brome, spot re-seeding. 2020 - dry conditions monitor weed control and re-seeding the pad had poor revegetation. 2021/2022- inspected Fall reseeded, good growth, continue to monitor weed maintenance. 2023 - applied soil amendment and woody debris to enhance the vegational growth. 2024: Continue to monitor re-vegetation growth and focus on weed mgnt. On going Noxious weed monitoring
51-35-199-L5	Core / Hydrology	4422035.627	716258.708	07/2005 (borehole P&A completed)	
51R-35-199-L4 See 5797-WI2	Hydrology/Inj.	4422033.418	716282.828	P&A, reclaimed & reseeded Fall 2016	
51-35-199-B	Hydrology	4422029.454	716299.982	P&A, reclaimed & reseeded Fall 2016	
Is site in final reclamation?				Yes	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				Yes (details provided on attached site map)	
Pad 52-35-199					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES Soil stockpiles reseeded. Pit closed, site partially reseeded 09/2008 (phase 2 interim reclamation). P&A work for installed hole completed in 2016 and surface casing cut off below final grade. Pad regrading, soil replacement and reseeding work completed in Fall 2016 (final reclamation phase). On going Noxious weed monitoring, fall treatment on Downy Brome "Cheat grass". Below average rainfall throughout the summer and fall months
52-35-199-L4	Hydrology/Inj.	4422185.860	716196.066	P&A, reclaimed & reseeded Fall 2016	
Is site in final reclamation?				Yes	
Is weed control being conducted in accordance with an approved weed management plan?				Yes (details provided on attached site map)	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None	
Pad 54-35-199					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES Soil stockpiles reseeded. First hole P&A'd 01/2007; three remaining holes P&A'd in 2010 and surface casing cut below final grade. Pit closed (phase 2 interim reclamation). Pad regraded, soil material replaced and site revegetated 01/2006 (borehole P&A completed)
54-35-199-AG	Hydrology	4421810.392	715426.249	2010 (borehole P&A completed)	
54-35-199-L4	Hydrology	4421810.889	715430.959	2010 (borehole P&A completed)	
54-35-199-L5	Hydrology	4421789.381	715432.395	01/2006 (borehole P&A completed)	
Is site in final reclamation?				Yes	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None	

54-35-199-L3	Hydrology	4421811.151	715435.493	2010 (borehole P&A completed)	reseeded in Fall of 2010 (final reclamation phase). On going Noxious weed monitoring, fall treatment on Downy Brome "Cheat grass" through 2011-2014. 2015- DRMS inspected the pad and approved for final release.
Is site in final reclamation? Released					
Is weed control being conducted in accordance with an approved weed management plan? Yes (details provided on attached site map)					
Describe any new prospecting activity that occurred during the preceding year (from anniversary date): None					
Pad 55-35-199					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES
55-35-199-L3	Core / Hydrology	4422237.749	716383.692	11/2005 (borehole P&A completed)	Single installed hole P&A'd in 2005 (phase 2 interim reclamation). Pad has a gravel base and is part of the FWT freeze ring. On going Noxious weed monitoring. Note: Confirm the pad has been release with approved reclamation plan for the FWT facility.
Is site in final reclamation? Yes					
Is weed control being conducted in accordance with an approved weed management plan? Yes (details provided on attached site map)					
Describe any new prospecting activity that occurred during the preceding year (from anniversary date): None					
BOUNDARY OF AFFECTED AREA CLEARLY MARKED?					
Yes - Edge of disturbed areas is visible and follows affected area boundaries.					

DATE PROSPECTING ACTIVITY HAS ENDED OR WILL END	
Date: <u>December 31, 2017</u>	
ACREAGES	
Number of acres currently affected:	<u>4.65</u>
Number of acres newly affected during current report year:	<u>0.00</u>
Number of acres reclaimed during current report year:	<u>0.00</u>
Estimated no. new acres to be affected in next report year:	<u>0.00</u>
Estimated no. new acres to be reclaimed in next report year:	<u>0.00</u>
Total acres in various stages of reclamation, since permitted prospecting activities began:	
Total acres backfilled:	<u>0.00</u>
Total acres with topsoil replaced:	<u>9.17</u>
Total acres seeded with approved mix:	<u>9.17</u>
Total acres fertilized with approved fertilizer:	<u>5.56</u>
Total acres mulched with approved mulch:	<u>9.17</u>
Total acres regraded:	<u>9.17</u>
Topsoil replacement depth:	<u>3" to 6" range</u>
Seed application method:	<u>Drill seeded with small amounts of broadcast @ double drill rate</u>
Fertilizer application method:	<u>Broadcasted</u>
Mulch application method:	<u>Straw Mulch Crimped & tackifier</u>
Mulch application rate:	<u>2 tons/acre</u>
TOPSOIL MANAGEMENT	
Is adequate topsoil reserved for reclamation, based on the approved NOI?	<u>NA for reclaimed sites (soil replacement completed)</u>
Is the reserved topsoil vegetated/stabilized in accordance with Rule 3.1.9(1)?	<u>NA for reclaimed sites (stockpiled soil replaced)</u>
OFFICE OF STATE ENGINEER (OSE)	
If prospecting has exposed ground water, is the site in compliance with the approved NOI and the requirements of the Office of the State Engineer (OSE)?	<u>NA (no groundwater exposed during prospecting)</u>
HAZARDOUS MATERIALS	
Are all hazardous materials stored within approved spill containment structures?	<u>NA for inactive and reclaimed sites (no hazmats on site)</u>
MONITORING INFORMATION	
Does the NOI reclamation plan or Environmental Protection Plan (EPP) require that monitoring information be submitted annually?	<u>yes</u>
FINANCIAL WARRANTY	
Bond instrument:	<u>Safeco Insurance Company of America Statewide Prospecting Bond No. 5862516.</u>
Current bond amount:	<u>See attached Financial Warranty Cost Summary for current estimated reclamation cost.</u>
UPDATED MAPS	
Location map:	<u>See attached site map entitled "Location Map - 2005-06 Private Land Drilling Program" for the location of drill pads and access roads included in this NOI.</u>
Site maps:	<u>See attached drill pad maps for location of drill holes, drill pad & access road disturbances, reclamation areas, and weed management details.</u>
ABANDONMENT REPORTS	
Have Abandonment Reports been submitted in accordance with Rule 5.7?	<u>Yes (submitted to DRMS in separate correspondence)</u>
SIGNATURE / DATE	
Prospector: <u>Samantha Baker, Program Manager</u>	Date: <u>23-Feb-25</u>