

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

Report Year: 2023 NOI Anniversary Date: March 1, 2007
 NOI Number: P-2006-036 Prospecting Project Name: 2006/07 Geo-hydrology Drilling and Coring Program - Public Land Prospecting in Lease Areas

PROSPECTOR INFORMATION	SURFACE LANDOWNER INFORMATION
Prospector: <u>Shell Frontier Oil & Gas Inc. (SFOGI)</u>	Landowner: <u>Bureau of Land Management</u>
Address: <u>Woodcreek, E 1040-F</u>	Address: <u>White River Field Office</u>
<u>150-C North Dairy Ashford</u>	<u>220 East Market Street</u>
<u>Houston, TX 77079</u>	<u>Meeker, CO 81641</u>
Telephone: <u>+1 (970) 274-3411</u>	Telephone: <u>970-878-3800</u>
Fax: <u>None</u>	
Contact Person: <u>Samantha Baker</u>	
email: <u>Samantha.d.baker@shell.com</u>	

DESCRIPTION OF ACTIVITIES <small>All UTM Coordinates are NAD 1983, Z12</small>					
Pad 82-1-299					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES
82-1-299-L1	Hydrology	4420480.077	717263.552	P&A, reclaimed & reseeded Fall 2010	Soil stockpiles reseeded. Single installed borehole P&A'd in 2010. Pit closed, some reseeded done for ground cover 10/2008 (phase 2 interim reclamation). 2017/2018-Spring/Fall spray for Downy Brome, dry climate year. 2019 - above avg. rainfall, multiple weed control events, and spot re-seeded the pad. 2020 - dry conditions monitor weed control with a focus on Downy Brome. 2021/2022 - DRMS inspection stated that wanted to ensure vegetation establishment remained after being stressed by the drought conditions. On going Noxious weed monitoring. 2023 - DRMS and BLM completed the annual inspection and
Is site in final reclamation?				Released	
Is weed control being conducted in accordance with an approved weed management plan?				Yes (details provided on site map)	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None	

Pad 84-1-299					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES
84-1-299-L1	Hydrology	4420412.258	717098.334	P&A, reclaimed & reseeded Fall 2010	Soil stockpiles reseeded. Single installed borehole P&A'd in 2010. Pit closed, some reseeded done for ground cover 10/2008 (phase 2 interim reclamation). 2017/2018-Spring/Fall spray for Downy Brome, dry climate year. 2019 - above avg. rainfall, multiple weed control events, and spot re-seeded the pad. 2020 - dry conditions monitor weed control with a focus on Downy Brome. 2021/2022 - DRMS inspection stated that wanted to ensure vegetation establishment remained after being stressed by the drought conditions. On going Noxious weed monitoring. 2023 - DRMS and BLM inspected the pad and deemed it reached final reclamation status. No further work required.
Is site in final reclamation?				Yes	
Is weed control being conducted in accordance with an approved weed management plan?				Yes (details provided on site map)	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None	

Pad 91-22-199					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES
91-22-199-L4	Hydrology	4424855.191	714099.698	P&A, reclaimed & reseeded Fall 2014	Soil stockpiles reseeded, curlex applied 10/2007. Pit closed 09/2008 (phase 2 interim reclamation). P&A work for all installed holes completed in 2014 and surface casing cut off below final grade. Pad regrading, soil replacement and reseeded work completed in Fall 2014 (final reclamation phase). 2017/2018-Spring/Fall spray for Downy Brome, dry climate year. 2019 - above avg. rainfall, multiple weed control events, and spot re-seeded the pad and access rd. 2020/21/22 - dry conditions monitor weed control with a focus on Downy Brome & monitor wild Horses in the area which causing some damage. 2023-applied soil amendments and woody debris to enhance the vegational growth. On going Noxious weed monitoring. On going Noxious weed monitoring
91-22-199-L1	Hydrology	4424842.667	714122.912	P&A, reclaimed & reseeded Fall 2014	
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 92-22-199					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES
92-22-199-L5	Hydrology	4424863.386	714263.529	P&A, reclaimed & reseeded Fall 2014	Soil stockpiles reseeded, curlex applied 10/2007. Pit closed 09/2008 (phase 2 interim reclamation). P&A work for all installed holes completed in 2014 and surface casing cut off below final grade. Pad regrading, soil replacement and reseeded work completed in Fall 2014 (final reclamation phase). 2017/2018-Spring/Fall spray for Downy Brome, dry climate year. 2019 - above avg. rainfall, multiple weed control events, and spot re-seeded the pad and access rd. 2020/21/22 - dry conditions monitor weed control with a focus on Downy Brome & monitor wild Horses in the area which causing some damage. 2023-applied soil amendments and woody debris to enhance the vegational growth. On going Noxious weed monitoring. On
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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	

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93-22-199-A	Hydrology	4425000.623	714311.246	P&A, reclaimed & reseeded Fall 2014	Soil stockpiles reseeded, curlex applied 10/2007. Pit closed 09/2008 (phase 2 interim reclamation). P&A work for all installed holes completed in 2014 and surface casing cut off below final grade. Pad regrading, soil

<p>Is site in final reclamation? <u>Yes</u></p> <p>Is weed control being conducted in accordance with an approved weed management plan? <u>Yes (details provided on attached site map)</u></p> <p>Describe any new prospecting activity that occurred during the preceding year (from anniversary date): <u>None</u></p>					<p>below final grade. Pad regrading, soil replacement and reseeding work completed in Fall 2014 (final reclamation phase). 2017/2018-Spring/Fall spray for Downy Brome, dry climate year. 2019 - above avg. rainfall, multiple weed control events, and spot re-seeded the pad and access rd. 2020/21/22 - dry conditions monitor weed control with a focus on Downy Brome & monitor wild Horses in the area which causing some damage. 2023-applied soil amendments and woody debris to enhance the vegational growth. On going Noxious weed monitoring. On</p>
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94-22-199-L4	Hydrology	4424578.585	714144.309	09/08/2014 (borehole P&A completed)	<p>Soil stockpiles reseeded, curlex applied 10/2007. Pit closed 09/2008 (phase 2 interim reclamation). P&A work for all installed holes completed in 2014 and surface casing cut off below final grade. Pad regrading, soil replacement and reseeding work completed in Fall 2014 (final reclamation phase). 2017/2018-Spring/Fall spray for Downy Brome, dry climate year. 2019 - above avg. rainfall, multiple weed control events, and spot re-seeded the pad and access rd. 2020/21/22 - dry conditions monitor weed control with a focus on Downy Brome & monitor wild Horses in the area which causing some damage. 2023-applied soil amendments and woody debris to enhance the vegational growth. On going Noxious weed monitoring. On</p>
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95-22-199-UT	Hydrology	4424881.385	713885.578	P&A, reclaimed & reseeded Fall 2014	Soil stockpiles reseeded, curlex applied 10/2007. Pit closed 09/2008 (phase 2 interim reclamation). P&A work for all installed holes completed in 2014 and surface casing cut off below final grade. Pad regrading, soil replacement and reseeded work completed in Fall 2014 (final reclamation phase). 2017/2018-Spring/Fall spray for Downy Brome, dry climate year. 2019 - above avg. rainfall, multiple weed control events, and spot re-seeded the pad and access rd. 2020/21/22- dry conditions monitor weed control with a focus on Downy Brome & monitor wild Horses in the area which causing some damage. 2023-applied soil amendments and woody debris to enhance the vegational growth. On going Noxious weed monitoring. On																																			
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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: December 31, 2017																																								
ACREAGES <table border="1" style="width: 100%;"> <tbody> <tr> <td>Number of acres currently affected:</td> <td>14.12</td> </tr> <tr> <td>Number of acres newly affected during current report year:</td> <td>0.00</td> </tr> <tr> <td>Number of acres reclaimed during current report year:</td> <td>0.00</td> </tr> <tr> <td>Estimated no. new acres to be affected in next report year:</td> <td>0.00</td> </tr> <tr> <td>Estimated no. new acres to be reclaimed in next report year:</td> <td>0.00</td> </tr> <tr> <td colspan="2">Total acres in various stages of reclamation, since permitted prospecting activities began:</td> </tr> <tr> <td>Total acres backfilled:</td> <td>14.12</td> </tr> <tr> <td>Total acres with topsoil replaced:</td> <td>14.12</td> </tr> <tr> <td>Total acres seeded with approved mix:</td> <td>14.12</td> </tr> <tr> <td>Total acres fertilized with approved fertilizer:</td> <td>11.29</td> </tr> <tr> <td>Total acres mulched with approved mulch:</td> <td>14.12</td> </tr> <tr> <td>Total acres regraded:</td> <td>14.12</td> </tr> <tr> <td>Topsoil replacement depth:</td> <td>3" to 6" range</td> </tr> <tr> <td>Seed application method:</td> <td>Drill seeded with small amounts of broadcast @ double drill rate</td> </tr> <tr> <td>Fertilizer application method:</td> <td>Broadcasted</td> </tr> <tr> <td>Mulch application method:</td> <td>Straw & Hay Mulch Crimped & tackifier</td> </tr> <tr> <td>Mulch application rate:</td> <td>2 tons/acre</td> </tr> </tbody> </table>							Number of acres currently affected:	14.12	Number of acres newly affected during current report year:	0.00	Number of acres reclaimed during current report year:	0.00	Estimated no. new acres to be affected in next report year:	0.00	Estimated no. new acres to be reclaimed in next report year:	0.00	Total acres in various stages of reclamation, since permitted prospecting activities began:		Total acres backfilled:	14.12	Total acres with topsoil replaced:	14.12	Total acres seeded with approved mix:	14.12	Total acres fertilized with approved fertilizer:	11.29	Total acres mulched with approved mulch:	14.12	Total acres regraded:	14.12	Topsoil replacement depth:	3" to 6" range	Seed application method:	Drill seeded with small amounts of broadcast @ double drill rate	Fertilizer application method:	Broadcasted	Mulch application method:	Straw & Hay Mulch Crimped & tackifier	Mulch application rate:	2 tons/acre
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TOPSOIL MANAGEMENT <table border="1" style="width: 100%;"> <tbody> <tr> <td>Is adequate topsoil reserved for reclamation, based on the approved NOI?</td> <td>Yes</td> </tr> <tr> <td>Is the reserved topsoil vegetated/stabilized in accordance with Rule 3.1.9(1)?</td> <td>Yes</td> </tr> </tbody> </table>							Is adequate topsoil reserved for reclamation, based on the approved NOI?	Yes	Is the reserved topsoil vegetated/stabilized in accordance with Rule 3.1.9(1)?	Yes																														
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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)? <div>NA (no groundwater exposed during prospecting)</div>																																								
HAZARDOUS MATERIALS Are all hazardous materials stored within approved spill containment structures? <div>NA - no hazardous materials stored on site</div>																																								
MONITORING INFORMATION Does the NOI reclamation plan or Environmental Protection Plan (EPP) require that monitoring information be submitted annually? <div>No</div>																																								
FINANCIAL WARRANTY <table border="1" style="width: 100%;"> <tbody> <tr> <td>Bond instrument:</td> <td>Travelers Casualty & Surety Company of America Statewide Prospecting Bond No. 104806644</td> </tr> <tr> <td>Current bond amount:</td> <td>See attached Financial Warranty Cost Summary for current estimated reclamation cost.</td> </tr> </tbody> </table>							Bond instrument:	Travelers Casualty & Surety Company of America Statewide Prospecting Bond No. 104806644	Current bond amount:	See attached Financial Warranty Cost Summary for current estimated reclamation cost.																														
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UPDATED MAPS <table border="1" style="width: 100%;"> <tbody> <tr> <td>Location map:</td> <td>See attached map entitled "Location Map - North RDD" for location of drill pads & access roads in the North RD&D Lease area.</td> </tr> <tr> <td></td> <td>See attached map entitled "Location Map - Yellow Creek RDD" for location of drill pads & roads in the Yellow Creek RD&D Lease area.</td> </tr> <tr> <td>Site maps:</td> <td>See attached drill pad maps for location of drill holes, drill pad & access road disturbances, reclamation areas, and weed management details.</td> </tr> </tbody> </table>							Location map:	See attached map entitled "Location Map - North RDD" for location of drill pads & access roads in the North RD&D Lease area.		See attached map entitled "Location Map - Yellow Creek RDD" for location of drill pads & roads in the Yellow Creek RD&D Lease area.	Site maps:	See attached drill pad maps for location of drill holes, drill pad & access road disturbances, reclamation areas, and weed management details.																												
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ABANDONMENT REPORTS Have Abandonment Reports been submitted in accordance with Rule 5.7? <div>Yes (submitted to DRMS in separate correspondence)</div>																																								
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