

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

Report Year: 2022 NOI Anniversary Date: August 19, 2003
 NOI Number: P-2003-018 Prospecting Project Name: 2003 Public Land Consolidated NOI

PROSPECTOR INFORMATION	SURFACE LANDOWNER INFORMATION
Prospector: Shell Frontier Oil & Gas Inc. (SFOGI)	Landowner: Bureau of Land Management
Address: Woodcreek, E676-B	Address: White River Field Office
150-C North Dairy Ashford	220 East Market Street
Houston, TX 77079	Meeker, CO 81641
Telephone: 832-337-7230	Telephone: 970-878-3800
Fax: None	
Contact Person: Samantha Baker	
email: Samantha.d.baker@shell.com	

DESCRIPTION OF ACTIVITIES <small>All UTM Coordinates are NAD 1983, Z12</small>					
Pad 10-6 - BLM portion of access road only (see P-2003-022 for pad and non-BLM portion of access road)					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES
Pad 10-6 BLM access road	na - road only	na - road only	na - road only	12/2007 (borehole P&A completed)	P&A work completed on single installed hole and surface casing cut off below final grade. Site reseeded 2004 (phase 2 interim reclamation) and again in 2010 (final reclamation phase); some vegetation established on pad. Minor occurrence of Houndstongue along portions of access road in 2013. Noxious weed monitoring.
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 56-16-199 (B1-16)					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES
56-16-199 (B1-16-L5)	Hydrology	4426814.871	712940.421	09/2002 (borehole P&A completed)	All installed holes (2) P&A'd. Pad regraded and reseeded in 2003 (phase 2 interim reclamation); 100 ft x 20 ft x 3 ft depression installed for water sampling activities. Depression & other portions of pad redisturbed in 2010 for remaining P&A work regraded, soil material replaced, and site reseeded Fall 2010 (final reclamation phase). Weed control (spring/fall Downy Brome spraying event) and Noxious weed monitoring 2012 thru 2021, spring spray only. DRMS/BLM approved final reclamation release of pad in 2021.
56-16-199 (B1-16-L3)	Hydrology	4426804.099	712913.605	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	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None	

Pad 57-15-199 (B2-15)					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES
57-15-199-A (B2-15)	Hydrology	4426607.113	714492.458	P&A, reclaimed & reseeded Fall 2014	Soil stockpile reseeded 03/2004. Pad downsized 06/2009 and reseeded 10/2009 (phase 2 interim reclamation). Pit closed. P&A work for all installed holes completed in 2014 & surface casing cut off below final grade. Pad regrading, soil replacement and reseeded work completed in Fall 2014 (final reclamation phase). Ground cover with 80% vegetation cover with multiple vegetation (or species developed with seed heads), 15% shrubs at 6" - 18". Noxious & annual weed control ongoing from 2012-2020. DRMS/BLM approved final reclamation release of pad in 2020.
57-15-199-BG	Hydrology	4426617.743	714472.782	P&A, reclaimed & reseeded Fall 2014	
57-15-199-L5 (B2-15)	Hydrology	4426566.035	714484.764	P&A, reclaimed & reseeded Fall 2014	
57-15-199-L4U	Hydrology	4426603.015	714478.483	P&A, reclaimed & reseeded Fall 2014	
57-15-199-L4L	Hydrology	4426588.949	714484.375	P&A, reclaimed & reseeded Fall 2014	
Is site in final reclamation?				Released	
Is weed control being conducted in accordance with an approved weed management plan?				NA	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None	

Pad 58-14-199 (B3-14)					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES
58-14-199 (B3-14-L4)	Hydrology / Core	4426962.070	716600.120	12/2003 (borehole P&A completed)	Single installed borehole P&A'd. Pit closed, pad and access road recontoured and reseeded 03/2004 (phase 2 interim reclamation). 80% vegetation cover with multiple vegetation (or species developed with seed heads). 2019 - small depression reclaimed, reseed area and access road. Continuous monitoring of noxious & annual weed control from 2012-2022. Continue to monitor for overgrazing from Wild horses in the area and re-seed where required. The access rd and pad has established vegetation but has been grazed. wildhorse
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 60-21-199 (B4-21)					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES
60-21-199-UT	Hydrology	4424580.740	712173.609	P&A, reclaimed & reseeded Fall 2014	Soil stockpile reseeded 03/2004 (phase 2 interim reclamation). Pad downsized 07/2009, reseeded 10/2009 (phase 2 interim reclamation). Pit closed. P&A work for all installed holes completed in 2014 & surface casing cut off below final grade. Pad regrading, soil replacement & reseeded work completed in Fall 2014 (final reclamation phase). Ground cover 80% vegetation cover with multiple vegetation (or species developed with seed heads), 20% shrubs at 6" - 18". Noxious & annual weed control ongoing from 2012-2020. DRMS/BLM
60-21-199-A (B4-21)	Hydrology	4424530.058	712210.894	P&A, reclaimed & reseeded Fall 2014	
60-21-199-BG	Hydrology	4424570.969	712161.389	9/2007 borehole P&A completed; reclaimed & reseeded Fall 2015	
60-21-199-L5 (B4-21)	Hydrology	4424569.131	712188.395	P&A, reclaimed & reseeded Fall 2015	
60-21-199-BR	Hydrology	4424555.806	712162.510	P&A, reclaimed & reseeded Fall 2015	
60-21-199-L4U	Hydrology	4424564.936	712174.692	P&A, reclaimed & reseeded Fall 2015	
60-21-199-L4L	Hydrology	4424558.895	712188.716	5/2008 (borehole P&A completed; reclaimed & reseeded Fall 2015	
60-21-199-L3	Hydrology	4424552.886	712202.808	5/2009 borehole P&A completed; reclaimed & reseeded Fall 2015	
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	

Is site in final reclamation?					Released	approved final reclamation release of pad in 2020.
Is weed control being conducted in accordance with an approved weed management plan?					NA	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):					None	
Pad 61-22-199 (B5-22)						
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY		RECLAMATION & WEED MANAGEMENT ACTIVITIES
61-22-199 (B5-22-L1)	Hydrology	4424689.107	714505.042	12/13/2007 (borehole P&A completed)		Pit closed, pad & access road recontoured & reseeded in 2004 (phase 2 interim reclamation). Site rebuilt in anticipation of drilling MZ well. Did not drill; site again re-contoured & reseeded with access road 09/2008. Minor occurrence of cheat grass in 2012 and 2013 (est. 2% of site) Noxious & annual weed control ongoing from 2012-2020. Ongoing noxious weed monitoring. DRMS/BLM approved final reclamation release of pad in 2020.
Is site in final reclamation?					Released	
Is weed control being conducted in accordance with an approved weed management plan?					NA	
Provide a description of any new prospecting activity occurring during the preceding year:					None	

Pad 62-23-199 (B6-23)						
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES	
62-23-199-A (B6-23-A)	Hydrology	4425340.511	716584.272	10/17/2014 (borehole P&A completed)	Soil stockpile reseeded 03/2004, pit closed 09/2008. Pad downsized and reseeded 09/2009 (phase 2 interim reclamation). Weed control work completed in 2012 and 2013. Minor occurrence of cheat grass in 2013 (est. 2% of site). 2014- P&A work for all installed holes and surface casing cut off below final grade. Pad regrading, soil replacement & reseeding work completed in Fall 2014 (final reclamation phase). Good ground cover to protect growth & seeding. Access road has good ground cover from reseed in 2015, 60% ground cover. 2018-2019 Pad 80% vegetation cover with multiple vegetation (or species developed with seed heads), 15% shrubs at 6" - 18". Noxious weed monitoring and weed control on going 2012 thru 2022, focus on spg/fall treatment of Downy Brome and Russia Thistle.	
62-23-199 (B6-23-L5)	Hydrology	4425381.852	716587.670	6/26/2008 (borehole P&A completed)		
62-23-199 (B6-23-L4)	Hydrology	4425372.567	716613.270	10/17/2014 (borehole P&A completed)		
Is site in final reclamation?						Yes
Is weed control being conducted in accordance with an approved weed management plan?					NA (no spraying required - minor occurrence)	
Provide a description of any new prospecting activity occurring during the preceding year:					None	
Pad 64-28-199 (B7-28)						
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES	
64-28-199 (B7-28-A(U))	Hydrology	4423035.080	712157.360	6/26/2008 (borehole P&A completed)	Soil stockpiles reseeded. Pit closed. Pad downsized 07/2009, reseeded 10/2009 (phase 2 interim reclamation). Access road and portions of pad redistributed during 2010 P&A work regraded and soil material replaced 2010. Pad and access road reseeded Fall 2010. Final reclamation areas have fair to good establishment of seeded grasses. No weed infestations observed. Noxious & annual weed control ongoing from 2012-2020, spring spray only. DRMS approved final reclamation release of pad in 2020.	
64-28-199-BG	Hydrology	4423051.913	712164.182	10/7/2010 (borehole P&A completed)		
64-28-199-L5	Hydrology	4423057.284	712178.102	10/7/2010 (borehole P&A completed)		
64-28-199-L4L	Hydrology	4423067.856	712206.829	10/7/2010 (borehole P&A completed)		
64-28-199-L4U	Hydrology	4423062.660	712192.460	10/7/2010 (borehole P&A completed)		
Is site in final reclamation?					Released	
Is weed control being conducted in accordance with an approved weed management plan?					NA	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):					None	
Pad 65-27-199 (B8-27)						
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES	
65-27-199 (B8-27-L1)	Hydrology	4423523.760	714496.880	09/2003 (borehole P&A completed)	Pad and access road recontoured & reseeded in 2004 (Final reclamation). Pit closed. No weed infestations observed. Noxious & annual weed control ongoing from 2012-2020, spring spray only. DRMS approved final reclamation release of pad in 2020.	
Is site in final reclamation?						Released
Is weed control being conducted in accordance with an approved weed management plan?						NA
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):						None
Pad 66-26-199 (B9-26)						
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES	
66-26-199-B	Hydrology	4423791.994	716142.561	10/17/2014 (borehole P&A completed)	Soil stockpile reseeded 03/2004. Pad downsized 11/2009 (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, soil replacement and reseeding work completed in Fall 2014 (final reclamation phase). Good ground cover to protect growth & seeding. Ground cover with 80% vegetation cover with multiple vegetation (or species developed with seed heads), 15% shrubs at 6" - 18". Access road has good ground cover from re-seed in 2015 (60%). Note: it appears that someone has been driving partially up the access road but not to the pad. Noxious weed monitoring and weed control on going 2012 thru 2022, focus on spg/fall treatment of Downy Brome, plan to reseed Fall of 2023.	
66-26-199-L5	Hydrology	4423779.309	716134.109	09/2010 (borehole P&A completed)		
66-26-199-L3	Hydrology	4423753.188	716132.996	09/2010 (borehole P&A completed)		
66-26-199-L4(L1) (B9-26-L1)	Hydrology	4423774.350	716160.020	10/17/2014 (borehole P&A completed)		
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 1-11-299						
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES	
1-11-299-C	Core	4419140.643	716445.295	05/2004 (borehole P&A completed)	Seeding/curlex done on portion of pad, soil stockpiles, and several access road soil stockpiles 04/2007 (phase 2 interim reclamation). Pit closed 09/2008. Topsoil berm has good cover of seeded grasses. P&A work for all installed holes completed in 2014 & surface casing cut off below final grade. Pad regrading, soil replacement & reseeding work completed in Fall 2014 (final reclamation phase). Good ground cover, 95% vegetation cover with multiple vegetation (or species developed with seed heads), 15% shrubs at 6" - 24". Weed control (spring/fall Downy Brome spraying event) and Noxious weed monitoring 2012 thru 2019, spring spray only. DRMS approved final reclamation release of pad in 2019.	
1-11-299-UTU (UT)	Core / Hydrology	4419113.740	716439.061	09/29/2014 (borehole P&A completed)		
1-11-299-AG	Core / Hydrology	4419126.333	716430.837	09/29/2014 (borehole P&A completed)		
1-11-299-BG	Core / Hydrology	4419140.099	716437.672	09/29/2014 (borehole P&A completed)		
1-11-299-L5	Core / Hydrology	4419153.688	716444.663	09/29/2014 (borehole P&A completed)		
1-11-299-L4	Core / Hydrology	4419147.801	716456.576	09/29/2014 (borehole P&A completed)		
1-11-299-L3	Core / Hydrology	4419127.324	716446.086	09/29/2014 (borehole P&A completed)		
1-11-299-UTL	Core / Hydrology	4419167.309	716466.731	09/29/2014 (borehole P&A completed)		
1-11-299-L1	Core / Hydrology	4419167.073	716451.500	09/29/2014 (borehole P&A completed)		
Is site in final reclamation?						Released
Is weed control being conducted in accordance with an approved weed management plan?						Yews
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):					None	
Pad 2-2-299						
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES	
2-2-299-C	Core	4421053.537	716469.470	12/2003 (borehole P&A completed)	Seeding / curlex done on soil stockpiles 04/2007 (phase 2 interim reclamation). Pit closed 09/2009. P&A work for all installed holes completed in 2014 & surface casing cut off below final grade. Pad regrading, soil replacement & reseeding work completed in Fall 2014 (final reclamation phase). Access road	
2-2-299-UTU	Core / Hydrology	4421053.883	716455.241	09/29/2014 (borehole P&A completed)		
2-2-299-AG	Core / Hydrology	4421066.852	716463.024	09/29/2014 (borehole P&A completed)		
2-2-299-BG	Core / Hydrology	4421066.752	716478.362	09/29/2014 (borehole P&A completed)		
2-2-299-L5	Core / Hydrology	4421066.187	716493.642	09/29/2014 (borehole P&A completed)		
2-2-299-L4	Core / Hydrology	4421052.930	716500.893	09/29/2014 (borehole P&A completed)		

2-2-299-L4U	Core / Hydrology	4421053.337	716485.594	11/2006 (borehole P&A completed)	has good ground cover from re-seed in 2015, 60% ground cover. Ground cover with straw at 50%, 95% Pad vegetation cover with multiple vegetation (or species developed with seed heads), 15% shrubs at 6" - 24". Weed control (spring/fall Downy Brome spraying event) and Noxious weed monitoring 2012 thru 2019, spring spray only. DRMS approved final reclamation release of pad in 2019.
2-2-299-L1	Core / Hydrology	4421080.713	716521.691	05/2007 (borehole P&A completed)	
2-2-299-L3	Core / Hydrology	4421035.416	716509.722	09/29/2014 (borehole P&A completed)	
2-2-299-UTL	Core / Hydrology	4421067.148	716447.660	09/29/2014 (borehole P&A completed)	
Is site in final reclamation?				Released	
Is weed control being conducted in accordance with an approved weed management plan?				NA	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None	

Pad 3-1-299							
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES		
3-1-299-C	Core	4420601.796	718370.729	11/2003 (borehole P&A completed)	Pit closed, soil stockpiles and portion of site reseeded for groundcover 09/2008 (phase 2 interim reclamation). Access road has good ground cover, 60% ground cover and vegetation regrowth. Good ground cover, Pad 95% vegetation cover with multiple vegetation (or species developed with seed heads), 15% shrubs at 6" - 24". Weed control (spring/fall Downy Brome spraying event) and Noxious weed monitoring 2012 thru 2019, spring spray only. DRMS approved final reclamation release of pad in 2019.		
3-1-299-UTU	Core / Hydrology	4420599.122	718355.763	09/2015 (borehole P&A completed)			
3-1-299-UTL	Core / Hydrology	4420621.626	718405.708	09/2015 (borehole P&A completed)			
3-1-299-AG	Core / Hydrology	4420613.421	718360.875	09/2015 (borehole P&A completed)			
3-1-299-BG	Core / Hydrology	4420616.318	718375.696	09/2015 (borehole P&A completed)			
3-1-299-L5	Core / Hydrology	4420618.853	718390.773	09/2015 (borehole P&A completed)			
3-1-299-L4	Core / Hydrology	4420607.327	718400.739	09/2015 (borehole P&A completed)			
3-1-299-L3	Core / Hydrology	4420604.522	718385.696	09/2015 (borehole P&A completed)			
Is site in final reclamation?				Released			
Is weed control being conducted in accordance with an approved weed management plan?				NA			
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None			
Pad 4-1-299							
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES		
4-1-299-L3(H)	Core/Hydrology	4420282.622	717211.100	03/2007 (borehole P&A completed)	Pit closed. Soil stockpiles reseeded 08/2008 (phase 2 interim reclamation). Reclaimed area around pad and pit spoil area has good establishment of seeded grasses. 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). Good ground cover with 95% vegetation cover with multiple vegetation (or species developed with seed heads), 20% shrubs at 6" - 24". Weed control (spring/fall Downy Brome spraying event) and Noxious weed monitoring 2012 thru 2019. 2019- DRMS & BLM approved final release of Pad 4.		
4-1-299-A	Hydrology	4420293.170	717201.575	10/13/2014 (borehole P&A completed)			
4-1-299-B	Hydrology	4420296.896	717216.558	10/13/2014 (borehole P&A completed)			
4-1-299-L5	Hydrology	4420300.933	717231.018	10/13/2014 (borehole P&A completed)			
4-1-299-L4	Hydrology	4420289.905	717241.930	10/13/2014 (borehole P&A completed)			
4-1-299-L3 (UT)	Hydrology	4420286.153	717227.141	10/13/2014 (borehole P&A completed)			
Is site in final reclamation?				Released			
Is weed control being conducted in accordance with an approved weed management plan?				NA			
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None			
Pad 5-18-298							
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES		
5-18-298-C	Core	4416464.008	720195.652	05/2004 (borehole P&A completed)	Pad downsized, some soil material respreads, and entire site reseeded 09/2007 (phase 2 interim reclamation). Portion of soil stockpile not respreads was reseeded and curlex applied. P&A work for all installed holes completed in 2015 & surface casing cut off below final grade. Pad regrading, soil replacement and reseeding work completed in Fall 2015 (final reclamation phase). Weed control & good ground cover to protect growth & seeding. 2017/2018 - Below average rainfall throughout the summer and fall months. 2019 - above avg. rainfall, multiple weed control events, focus on Downy Brome, spot re-seeding 2020 - spot re-seeding and weed control during dry conditions. 2021 -Dry conditions will wait to re-seed in 2022, recieved good Fall moisture - late rain events. On going Noxious weed monitoring 2012 thru 2022.		
5-18-298-UT	Hydrology	4416485.466	720216.823	10/2015 (borehole P&A completed)			
5-18-298-AG	Hydrology	4416470.971	720220.690	10/2015 (borehole P&A completed)			
5-18-298-BG	Hydrology	4416460.119	720209.991	10/2015 (borehole P&A completed)			
5-18-298-L5	Hydrology	4416449.334	720199.076	10/2015 (borehole P&A completed)			
5-18-298-L4	Hydrology	4416452.214	720184.160	11/2007 (borehole P&A completed)			
5-18-298-L3	Core / Hydrology	4416474.916	720205.978	10/2015 (borehole P&A completed)			
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 6-13-299							
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES		
6-13-299-C	Core	4417600.444	717920.880	01/2004 (borehole P&A completed)	Pit closed, soil stockpiles reseeded, and portion of pad reseeded for groundcover 09/2008 (phase 2 interim reclamation). P&A work for all installed holes completed in 2015 & surface casing cut off below final grade. Pad regrading, soil replacement and reseeding work completed in Fall 2015 (final reclamation phase). Weed control (spring/fall Downy Brome spraying event) and Noxious weed monitoring 2012 thru 2021. Access road has good ground cover, and vegetation regrowth. Pad Ground cover 70% vegetation cover with multiple vegetation, Fenced installed for grazing management. 2020 - heavy grazing, established vegetation it is short, inspector wants to see 4" to 6" in height. Weed control (spring/fall Downy Brome spraying event) and Noxious weed monitoring 2012 thru 2021. 2021 - DRMS/BLM approved final release of the pad per regulatory standards.		
6-13-299-UTU	Core / Hydrology	4417591.464	717909.459	9/2015 (borehole P&A completed)			
6-13-299-UTL	Core / Hydrology	4417578.992	717909.393	9/2015 (borehole P&A completed)			
6-13-299-AG	Core / Hydrology	4417621.830	717908.706	9/2015 (borehole P&A completed)			
6-13-299-BG	Core / Hydrology	4417606.443	717908.865	9/2015 (borehole P&A completed)			
6-13-299-L5	Core / Hydrology	4417614.655	717921.865	9/2015 (borehole P&A completed)			
6-13-299-L5R	Core / Hydrology	4417636.797	717908.584	9/2015 (borehole P&A completed)			
6-13-299-L4	Core / Hydrology	4417629.957	717921.697	9/2015 (borehole P&A completed)			
6-13-299-L3	Core / Hydrology	4417583.876	717922.686	09/2005 (borehole P&A completed)			
Is site in final reclamation?				Released			
Is weed control being conducted in accordance with an approved weed management plan?				NA			
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None			
Pad 7-18-298							
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES		
7-18-298-C	Core	4417984.531	719943.823	02/2004 (borehole P&A completed)	Pit closed, soil stockpiles reseeded, pad downsized and partially reseeded for groundcover 11/2007 (phase 2 interim reclamation). P&A work for all installed holes completed in 2015 & surface casing cut off below final grade. Pad regrading, soil replacement and reseeding work completed in Fall 2015 (final reclamation phase). Weed control (spring/fall Downy Brome spraying event) and Noxious weed monitoring 2012 thru 2018. Good ground cover 80% vegetation cover with multiple vegetation (or species developed with		
7-18-298-UTU	Hydrology	4417971.495	719917.561	P&A, reclaimed & reseeded Fall 2015			
7-18-298-UTL	Core / Hydrology	4417980.551	719905.258	P&A, reclaimed & reseeded Fall 2015			
7-18-298-AG	Hydrology	4417986.625	719919.255	P&A, reclaimed & reseeded Fall 2015			
7-18-298-BG	Hydrology	4417992.718	719933.463	11/2006 (borehole P&A completed)			
7-18-298-L5	Hydrology	4417998.688	719947.361	P&A, reclaimed & reseeded Fall 2015			
7-18-298-L4	Hydrology	4417989.802	719959.494	P&A, reclaimed & reseeded Fall 2015			
7-18-298-L3	Hydrology	4417977.658	719931.653	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			
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):				None			

					seed heads), 20% shrubs at 6" - 18". Weed control (spring/fall Downy Brome spraying event) and Noxious weed monitoring 2012 thru 2020, spring spray only. DRMS approved final reclamation release of pad in 2020.
Pad 8-3-298					
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY	RECLAMATION & WEED MANAGEMENT ACTIVITIES
8-3-298-C	Core	4421045.171	723390.672	P&A, reclaimed & reseeded Fall 2015	Pit closed, pad downsized, some soil material respread, and site reseeded 09/2007 (phase 2 interim reclamation). Portion of soil stockpile not respread was reseeded and curlex applied. P&A work for all installed holes completed in 2015 & surface casing cut off below final grade. Pad regrading, soil replacement and reseeding work completed in Fall 2015 (final reclamation phase). Weed control(spring/fall Downy Brome and annual weeds spraying event) and Noxious weed monitoring 2012 thru 2020. 2020- pad partial re-seeded where the weed control had stressed the vegetation. 2017/2018 - Below average rainfall throughout the summer and fall months. 2019 - above avg. rainfall, multiple weed control events, focus on Downy Brome, spot re-seeding 2020 - spot re-seeding and weed control during dry conditions. 2021 -Dry conditions will wait to re-seed. 2022- reseeded partial pad, recieved Fall rain for good moisture. On going Noxious weed monitoring 2012 thru 2022.
8-3-298-UT	Hydrology	4421054.026	723406.457	P&A, reclaimed & reseeded Fall 2015	
8-3-298-AG	Hydrology	4421038.373	723407.867	P&A, reclaimed & reseeded Fall 2015	
8-3-298-BG	Hydrology	4421029.959	723395.047	P&A, reclaimed & reseeded Fall 2015	
8-3-298-L5	Hydrology	4421021.688	723382.687	P&A, reclaimed & reseeded Fall 2015	
8-3-298-L4	Hydrology	4421027.987	723368.570	P&A, reclaimed & reseeded Fall 2015	
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 9-9-298					RECLAMATION & WEED MANAGEMENT ACTIVITIES	
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY		
9-9-298-C	Core	4418663.904	722732.411	01/2004 (borehole P&A completed)		
9-9-298-UT	Hydrology	4418671.516	722748.371	Reclaimed & seeded 2015; re-seed pad and installed perimeter fence		
9-9-298-AG	Hydrology	4418671.516	722748.371	Reclaimed & seeded 2015; re-seed pad and installed perimeter fence		
9-9-298-BG	Hydrology	4418648.480	722736.396	Reclaimed & seeded 2015; re-seed pad and installed perimeter fence		
9-9-298-L5	Hydrology	4418640.158	722723.504	Reclaimed & seeded 2015; re-seed pad and installed perimeter fence		
9-9-298-L4	Hydrology	4418655.065	722722.390	Reclaimed & seeded 2015; re-seed pad and installed perimeter fence		
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 10-32-198					RECLAMATION & WEED MANAGEMENT ACTIVITIES	
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY		
10-32-198-H	Core	4422362.875	721490.201	04/2004 (borehole P&A completed)		
10-32-198-UT	Hydrology	4422348.746	721488.275	P&A, reclaimed & reseeded Fall 2015		
10-32-198-AG	Hydrology	4422359.785	721478.095	P&A, reclaimed & reseeded Fall 2015		
10-32-198-BG	Hydrology	4422374.482	721482.551	P&A, reclaimed & reseeded Fall 2015		
10-32-198-L5	Hydrology	4422389.173	721486.983	P&A, reclaimed & reseeded Fall 2015		
10-32-198-L4	Core / Hydrology	4422377.942	721497.252	P&A, reclaimed & reseeded Fall 2015		
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 11-16-298 (subsequent additional holes included in NOI #P-2005-001)					RECLAMATION & WEED MANAGEMENT ACTIVITIES	
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY		
11-16-298-C	Core	4415770.543	722406.772	05/2004 (borehole P&A completed)		
11-16-298-UT	Hydrology	4416852.827	722351.559	10/2015 (borehole P&A completed)		
11-16-298-AG	Hydrology	4416865.495	722342.825	10/2015 (borehole P&A completed)		
11-16-298-BG	Hydrology	4416879.265	722350.168	11/2006 (borehole P&A completed)		
11-16-298-L5	Hydrology	4416892.928	722357.243	10/2015 (borehole P&A completed)		
11-16-298-L4	Hydrology	4416879.777	722365.364	10/2015 (borehole P&A completed)		
11-16-298-L3	Hydrology	4416866.191	722358.572	10/2015 (borehole P&A completed)		
Is site in final reclamation?						Released
Is weed control being conducted in accordance with an approved weed management plan?					NA	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):					None	
Pad 12-22-298					RECLAMATION & WEED MANAGEMENT ACTIVITIES	
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY		
12-22-298-C	Core	4416006.404	724730.640	03/2004 (borehole P&A completed)		
12-22-298UT-X	Core / Hydrology	4416032.952	724727.263	08/2009 (borehole P&A completed)		
12-22-298-BG	Hydrology	4416021.783	724737.760	10/2006 (borehole P&A completed)		
12-22-298-B-X	Core / Hydrology	4416007.375	724735.172	08/2009 (borehole P&A completed)		
12-22-298-L5-X	Core / Hydrology	4415992.824	724728.887	08/2009 (borehole P&A completed)		
12-22-298-L5	Core / Hydrology	4416021.819	724737.766	10/2006 (borehole P&A completed)		
12-22-298-L4	Core / Hydrology	4416003.768	724718.438	10/2006 (borehole P&A completed)		
12-22-298-L4-X	Core / Hydrology	4415990.492	724714.340	08/2009 (borehole P&A completed)		
Is site in final reclamation?					Released	
Is weed control being conducted in accordance with an approved weed management plan?					NA	
Describe any new prospecting activity that occurred during the preceding year (from anniversary date):					None	
Pad 13-14-298 (subsequent additional holes included in NOI #P-2005-001)					RECLAMATION & WEED MANAGEMENT ACTIVITIES	
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY		
13-14-298-C	Core	4417352.839	725873.171	04/2004 (borehole P&A completed)		
13-14-298-BG	Core / Hydrology	4417329.458	725896.927	08/2009 (borehole P&A completed)		
13-14-298-L5	Core / Hydrology	4417339.435	725872.358	08/2009 (borehole P&A completed)		
13-14-298-L4	Core / Hydrology	4417351.475	725862.622	08/2009 (borehole P&A completed)		
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
Airplane Ridge Road (portion on BLM land)						RECLAMATION & WEED MANAGEMENT ACTIVITIES
HOLE / WELL NAME / NO.	TYPE	UTM NORTHING (m)	UTM EASTING (m)	DATE OF LAST PROSPECTING ACTIVITY		
Airplane Ridge Road	na - road only	na - road only	na - road only	BLM COC transferred to Mahogany Energy	Phase 1 interim reclamation completed during	

Is site in final reclamation?	Released - transferred to new operator	initial construction, Phase 2 interim reclamation completed as necessary as part of ongoing road maintenance. Weed control completed in 2012-20228. Noxious weed monitoring. The BLM COC has been closed and transferred to Mahogany Energy.
Is weed control being conducted in accordance with an approved weed management plan?	Yes (details provided on attached site map)	
Provide a description of any new prospecting activity occurring during the preceding year:	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: December 31, 2017		

ACREAGES			
Number of acres currently affected:	15.45		
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:	21.49	Total acres regraded:	21.49
Total acres with topsoil replaced:	21.49	Topsoil replacement depth:	3" to 6" range
Total acres seeded with approved mix:	21.48	Seed application method:	Drill seeded with small amounts of broadcast @ double
Total acres fertilized with approved fertilizer:	14.96	Fertilizer application method:	Broadcasted
Total acres mulched with approved mulch:	21.48	Mulch application method:	Straw Crimped
		Mulch application rate:	2 tons/acre
TOPSOIL MANAGEMENT			
Is adequate topsoil reserved for reclamation, based on the approved NOI?	NA for reclaimed sites (soil replacement completed)		
Is the reserved topsoil vegetated/stabilized in accordance with Rule 3.1.9(1)?	NA for reclaimed sites (stockpiled soil replaced)		
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)?	NA (no groundwater exposed during prospecting)		
HAZARDOUS MATERIALS			
Are all hazardous materials stored within approved spill containment structures?	NA for inactive and reclaimed sites (no hazmats on site)		
MONITORING INFORMATION			
Does the NOI reclamation plan or Environmental Protection Plan (EPP) require that monitoring information be submitted annually?	No	If so, please attach to this report.	
FINANCIAL WARRANTY			
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.		
UPDATED MAPS			
Location map:	See attached site map entitled "Location Map - 2003 Public Land Consolidated NOI" for the location of drill pads and acces roads included in this NOI.		
Site maps:	See attached drill pad maps for location of drill holes, drill pad & access road disturbances, reclamation areas, and weed management details.		
ABANDONMENT REPORTS			
Have Abandonment Reports been submitted in accordance with Rule 5.7?	Yes (submitted to DRMS in separate correspondence)		
SIGNATURE / DATE			
Prospector:	Samantha Baker, Program Manager		Date: 13-Aug-23