



January 12, 2016

Mr. Paul Schwarz
Anadarko Petroleum Corporation
1099 18th Street, Suite 1800
Denver, Colorado 80202

RE: Form 4 (Interim Reclamation Completion Notice)
Melba 2N-14HZ (Location: 328457)
Kerr McGee Oil & Gas Onshore LP (Operator: 47120)

Dear Mr. Schwarz:

Apex Companies, LLC (Apex) is pleased to present this letter to Anadarko Petroleum Corporation (Anadarko) and Kerr McGee Oil & Gas Onshore LP documenting the results of a vegetation assessment that demonstrates successful completion of interim reclamation efforts on the Melba 2N-14HZ (328457) location in Weld County, Colorado.

Based on communications with Anadarko personnel and subsequent site visits, Apex inspectors confirmed that the unused portions of the reduced production footprint have been stabilized and seeded with Anadarko Dryland Pasture Mix. This seed mixture consists of Tetraploid Perennial Ryegrass (19.68%), Smooth Brome, Lincoln (18.66%), Intermediate Wheatgrass, Oahe (14.76%), Dahurian Wildrye (14.44%), Orchardgrass, Paiute (14.29%), and Pubescent Wheatgrass Luna (13.35%).

On June 26, 2015, modified step-point vegetation surveys were conducted on the reclaimed portion of the well pad, and on adjacent undisturbed reference areas. Foliar and basal cover, along with non-vegetated, and noxious weed occurrences were documented; 100 survey points were recorded within the reclaimed disturbance and 100 survey points were recorded within the undisturbed reference area. All noxious weeds as defined by the Colorado Department of Agriculture were excluded from the vegetative coverage calculation.

Survey results indicate the reclaimed area has a foliar vegetative cover that is 235.63% of the undisturbed reference area. Vegetation survey results are provided in the attached vegetation survey summary tables and data sheets. Based on the results of the survey, interim reclamation as defined by COGCC rule 1003.e (2) has been achieved. Photographs required by Rule 1003.e (3) are also attached.

Apex appreciates the opportunity to provide environmental consulting services to Anadarko with this project. Should you have any questions or require additional information, please don't hesitate to contact me.

Sincerely,
Apex Companies, LLC

A handwritten signature in black ink, appearing to read 'Chris Hines', written over a horizontal line.

Chris Hines
Project Manager
970-261-1127
chris.hines@apexcos.com

Attachments:

1. Vegetation Survey (Summary of Field Data)
2. Site Diagram
3. Topographic Location Map
4. Vegetation Survey (Photos)
5. Vegetation Survey (Field Data Tables)



Vegetation Survey (Summary of Field Data)

Client	Kerr McGee Oil & Gas Onshore LLC
COGCC Location Name (ID)	Melba 2N-14HZ (328457)
Assessment Date	6/26/2015
Inspector Name - Title	Cody Booth- Environmental Specialist
Data Processor Name - Title	Tyler Dooley- Environmental Scientist

Based on the survey methodology, the Foliar Cover % in each survey area is calculated by summing the total number of foliar occurrences, minus noxious weeds, and dividing by the total occurrences in the transect. For this location:

Reclaim Area (Foliar Cover)	Reference Area (Foliar Cover)
$(41 + 16 + 0) / 155 =$ 36.77%	$(16 + 11 + 0) / 173 =$ 15.61%

The Percent of Reference (%) used to evaluate each reclaim area for compliance with COGCC Rule 1003.e(2) for determining interim reclamation success, is calculated by dividing the Foliar Cover % in the Reclaim Area by the Foliar Cover % in the Reference Area. For this location:

Percent of Reference (Reclaim % / Reference %)
$36.77\% / 15.61\% =$ 235.63%

Reclaim Area Vegetation

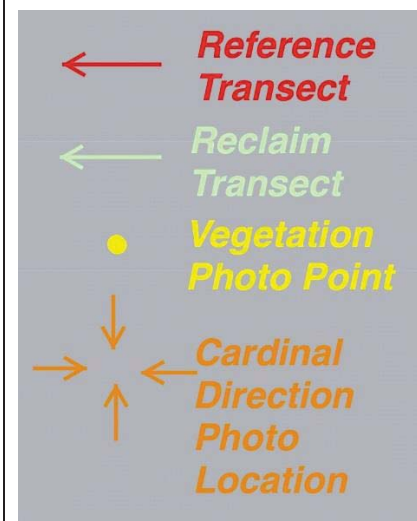
Foliar Cover	36.77%
Basal Cover	8.39%
Non Vegetated	54.19%
Noxious Weeds	0.65%
QA Total <i>(must equal 100)</i>	100.00%
Grass (Foliar)	41
Forb (Foliar)	16
Shrubs (Foliar)	0
Noxious Weed (Foliar)	1
Grass (Basal)	8
Forb (Basal)	5
Shrubs (Basal)	0
Noxious Weed (Basal)	0
Bare Ground	42
Litter	42
Rock	0
Total Occurrences	155

Reference Area Vegetation

Foliar Cover	15.61%
Basal Cover	6.94%
Non Vegetated	45.09%
Noxious Weeds	32.37%
QA Total <i>(must equal 100)</i>	100.00%
Grass (Foliar)	16
Forb (Foliar)	11
Shrubs (Foliar)	0
Noxious Weed (Foliar)	46
Grass (Basal)	6
Forb (Basal)	6
Shrubs (Basal)	0
Noxious Weed (Basal)	10
Bare Ground	16
Litter	62
Rock	0
Total Occurrences	173

Vegetation Survey Site Map

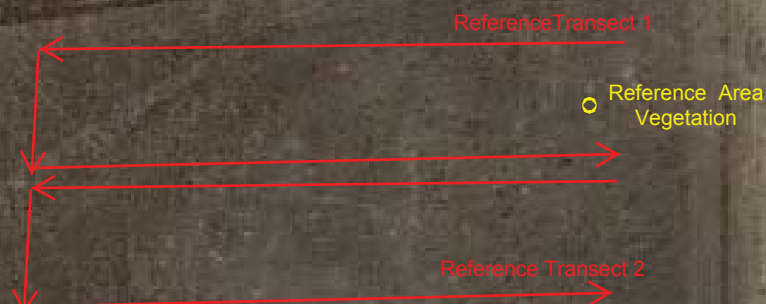
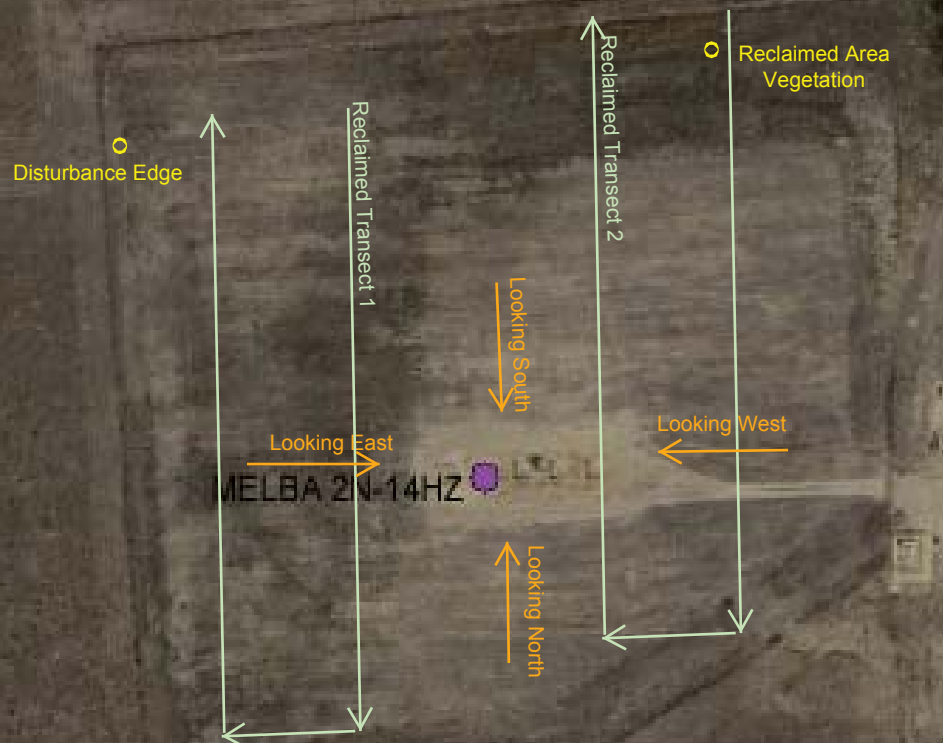
Melba 2N-14HZ
(328457)



Legal Description: NWNE, Sec 23,
T3N-R66W
County: Weld

Land Use: Rangeland
Reference Area Cover: 15.61%
Reclamation Cover: 36.77%
Cover Ratio
(Reclaim/Reference): 235.63%%

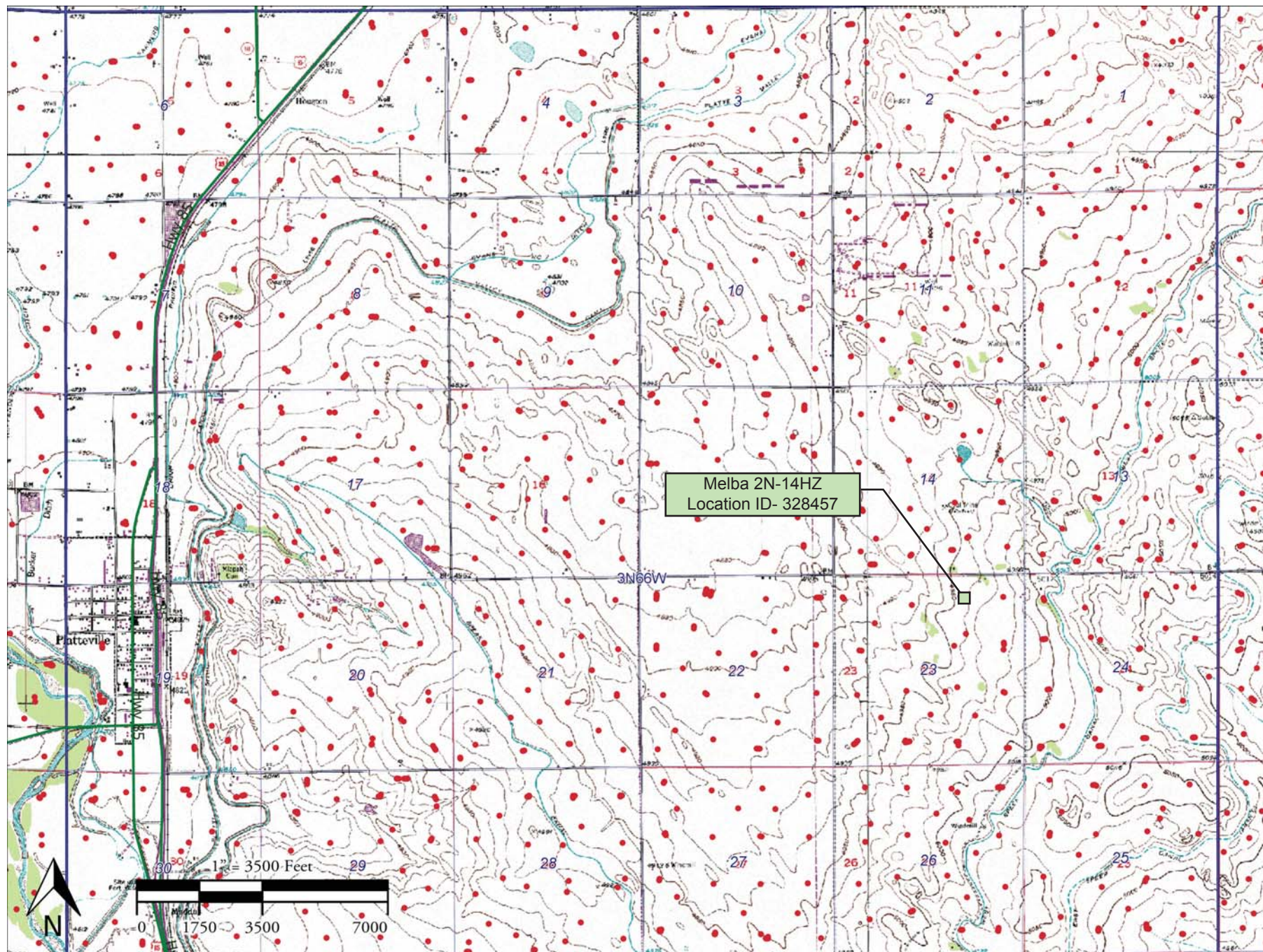
Inspector: Cody Booth
Assessment Date: June 26, 2015



*Reference Transects were placed to represent the pre-disturbance vegetation of the pad disturbance.



Melba 2N-14HZ (328457) Topographic Location Map



Edge of Disturbance on West Side of Pad
Looking South
40.216833°/-104.742269°



Kerr McGee Oil & Gas Onshore LP
Form 4 (Interim Reclamation Completion Notice)
Melba 2N-14HZ (328457)

Vegetation Assessment
Completed - June 26, 2015



South of Disturbance
Looking North
40.215984°/-104.740973°



North of Disturbance
Looking South
40.216402°/-104.741014°



West of Disturbance
Looking East
40.216169°/-104.741392°



East of Disturbance
Looking West
40.216201°/-104.740505°



Reclaimed Area Vegetation
40.217018°/-104.740403°



Reclaim Transect 1
Looking South
40.216891°/-104.741574°



Reclaim Transect 2
Looking South
40.217055°/-104.740199°



Reference Area Vegetation
40.215192° / -104.740318°



Reference Transect 1
Looking West
40.215325°/-104.740285°



Reference Transect 2
Looking West
40.214983°/-104.740310°



VEGETATION MONITORING FORM - Kerr McGee Oil & Gas Onshore LLC

COGCC Location Name (ID): Melba 2N-14HZ (328457)

CO # COP0073

Date of Assessment - 06/26/2015

Transect ID - Reclaim Transect 1

Length of Transect (ft.) - 650'

Transect Type



Reclamation



Reference

Inspector(s) (Name and Title) - Cody Booth- Environmental Specialist

Weather at Time of Inspection - Sunny, 70 degrees F

Method - Step Point

Point	Foliar		Basal		Non-Vegetative
	Type	Species	Type	Species	
1	Grass	Elymus trachycaulus	-		Bare Ground
2	-		-		Litter
3	Grass	Thinopyrum intermedia	-		Litter
4	Forb	Other spp. 1	-		Bare Ground
5	Grass	Other spp. 1	-		Bare Ground
6	Grass	Other spp. 1	B-Grass	Other spp. 1	-
7	Forb	Other spp. 2	-		Litter
8	-		-		Bare Ground
9	-		-		Litter
10	Grass	Elymus trachycaulus	-		Bare Ground
11	-		-		Litter
12	Forb	Salsola spp.	B-Forb	Salsola spp.	-
13	-		-		Bare Ground
14	Forb	Salsola spp.	B-Forb	Salsola spp.	-
15	-		-		Litter
16	Grass	Elymus trachycaulus	-		Litter
17	-		-		Litter
18	-		-		Litter
19	Grass	Other spp. 1	-		Bare Ground
20	-		-		Bare Ground
21	Grass	Other spp. 1	-		Bare Ground
22	Forb	Other spp. 1	-		Bare Ground
23	-		-		Litter
24	Grass	Elymus trachycaulus	-		Litter
25	Grass	Other spp. 1	B-Grass	Other spp. 1	-
26	Forb	Other spp. 1	-		Litter
27	Grass	Elymus trachycaulus	B-Grass	Elymus trachycaulus	-
28	-		-		Litter
29	-		-		Litter

Point	Foliar		Basal		Non-Vegetative
	Type	Species	Type	Species	
30	-		-		Bare Ground
31	-		-		Bare Ground
32	Grass	Other spp. 1	B-Grass	Other spp. 1	-
33	Forb	Salsola spp.	B-Forb	Salsola spp.	-
34	-		-		Litter
35	-		-		Litter
36	-		-		Litter
37	Forb	Other spp. 1	-		Litter
38	Grass	Elymus trachycaulus	-		Litter
39	-		-		Litter
40	Grass	Elymus trachycaulus	-		Litter
41	Grass	Elymus trachycaulus	-		Litter
42	Grass	Elymus trachycaulus	-		Bare Ground
43	-		-		Bare Ground
44	-		-		Bare Ground
45	Grass	Elymus trachycaulus	-		Litter
46	Noxious Weed	Bromus tectorum	-		Bare Ground
47	Grass	Elymus trachycaulus	-		Litter
48	Grass	Other spp. 1	B-Grass	Other spp. 1	-
49	Forb	Other spp. 1	-		Bare Ground
50	Forb	Other spp. 1	-		Bare Ground

Photo Requirements

Representative photo looking down the length of each transect; including reference area	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO
Photo facing each cardinal direction (N, E, S, W) from the center looking past well heads.	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO
Representative photo down edge of disturbance	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO
Photo that documents the total cover of live perennial vegetation of the undisturbed area	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO
Photo that documents the total cover of live perennial vegetation of the disturbed area	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO

General Notes: Other grass species 1 is bread wheat. Other forb species 1 is sunflower. Forb other species 2 is lambsquarter

INSPECTION CERTIFICATION

I certify that this document and all attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of termination.

Inspector (Name)

Cody Booth- Environmental Specialist



Date: 06/26/2015

VEGETATION MONITORING FORM - Kerr McGee Oil & Gas Onshore LLC

COGCC Location Name (ID): Melba 2N-14HZ (328457)

CO # COP0073

Date of Assessment - 06/26/2015

Transect ID - Reclaim Transect 2

Length of Transect (ft.) - 650'

Transect Type



Reclamation



Reference

Inspector(s) (Name and Title) - Cody Booth- Environmental Specialist

Weather at Time of Inspection - Sunny, 70 degrees F

Method - Step Point

Point	Foliar		Basal		Non-Vegetative
	Type	Species	Type	Species	
1	Forb	Other spp. 1	-		Bare Ground
2	Grass	Other spp. 1	-		Bare Ground
3	-		-		Bare Ground
4	-		-		Litter
5	Grass	Secale cereale	-		Litter
6	-		-		-
7	Forb	Salsola spp.	B-Forb	Salsola spp.	-
8	Grass	Other spp. 1	-		Litter
9	Grass	Other spp. 1	-		Bare Ground
10	Grass	Other spp. 1	-		Bare Ground
11	Grass	Elymus trachycaulus	-		Bare Ground
12	Forb	Salsola spp.	B-Forb	Salsola spp.	-
13	Grass	Other spp. 1	-		Litter
14	-		-		Bare Ground
15	Grass	Thinopyrum intermedia	B-Grass	Thinopyrum intermedia	-
16	-		-		Litter
17	Forb	Other spp. 1	-		Bare Ground
18	-		-		Bare Ground
19	Grass	Other spp. 1	-		Litter
20	-		-		Litter
21	-		-		Litter
22	Grass	Elymus trachycaulus	-		Litter
23	-		-		Litter
24	Grass	Other spp. 1	-		Bare Ground
25	Grass	Other spp. 1	B-Grass	Other spp. 1	-
26	-		-		Bare Ground
27	-		-		Bare Ground
28	-		-		Bare Ground
29	Grass	Other spp. 1	-		Litter

Point	Foliar		Basal		Non-Vegetative
	Type	Species	Type	Species	
30	-		-		Bare Ground
31	Forb	Other spp. 1	-		Bare Ground
32	-		-		Bare Ground
33	Grass	Thinopyrum intermedia	-		Bare Ground
34	Grass	Other spp. 1	-		Litter
35	Grass	Other spp. 1	B-Grass	Other spp. 1	-
36	-		-		Bare Ground
37	Forb	Other spp. 1	-		Litter
38	-		-		Bare Ground
39	Grass	Other spp. 1	-		Litter
40	-		-		-
41	-		-		Litter
42	Grass	Other spp. 1	-		Litter
43	Grass	Elymus trachycaulus	-		Litter
44	-		-		Litter
45	-		-		-
46	Grass	Thinopyrum intermedia	-		Bare Ground
47	-		-		Bare Ground
48	Grass	Other spp. 1	-		Bare Ground
49	Grass	Elymus trachycaulus	-		Bare Ground
50	-		-		Bare Ground

Photo Requirements

Representative photo looking down the length of each transect; including reference area	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO
Photo facing each cardinal direction (N, E, S, W) from the center looking past well heads.	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO
Representative photo down edge of disturbance	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO
Photo that documents the total cover of live perennial vegetation of the undisturbed area	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO
Photo that documents the total cover of live perennial vegetation of the disturbed area	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO

General Notes: Other forb species 1 is sunflower. Other grass species one is bread wheat

INSPECTION CERTIFICATION

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Inspector (Name)

Cody Booth- Environmental Specialist

Cody Booth

Date: 06/26/2015

VEGETATION MONITORING FORM - Kerr McGee Oil & Gas Onshore LLC

COGCC Location Name (ID): Melba 2N-14HZ (328457)

CO # COP0073

Date of Assessment - 06/26/2015

Transect ID - Reference Transect 1

Length of Transect (ft.) - 650'

Transect Type

☐ Reclamation

☒ Reference

Inspector(s) (Name and Title) - Cody Booth- Environmental Specialist

Weather at Time of Inspection - Sunny, 70 degrees F

Method - Step Point

Point	Foliar		Basal		Non-Vegetative
	Type	Species	Type	Species	
1	Noxious Weed	Bromus tectorum	-		Litter
2	Noxious Weed	Bromus tectorum	-		Litter
3	Forb	Plantago patagonica	B-Forb	Plantago patagonica	-
4	Noxious Weed	Bromus tectorum	-		Litter
5	Noxious Weed	Bromus tectorum	B-Noxious Weed	Bromus tectorum	-
6	Noxious Weed	Bromus tectorum	-		Litter
7	-		-		Litter
8	Grass	Other spp. 1	-		Litter
9	Noxious Weed	Bromus tectorum	-		Litter
10	Noxious Weed	Bromus tectorum	-		Litter
11	Noxious Weed		B-Noxious Weed		Litter
12	Noxious Weed	Bromus tectorum	-	Bromus tectorum	-
13	Grass	Sporobolus cryptandrus	-		Bare Ground
14	Grass	Sporobolus cryptandrus	-		Litter
15	Noxious Weed	Bromus tectorum	-		Litter
16	-		-		Litter
17	Forb	Other spp. 1	-		Litter
18	Grass	Other spp. 1	B-Grass	Other spp. 1	-
19	Forb	Plantago patagonica	-		Litter
20	-		-		Litter
21	Noxious Weed	Bromus tectorum	B-Noxious Weed	Bromus tectorum	-
22	Noxious Weed	Bromus tectorum	-		Bare Ground
23	-		-		Litter
24	Forb	Plantago patagonica	B-Forb	Plantago patagonica	-
25	Noxious Weed	Bromus tectorum	-		Litter
26	Noxious Weed	Bromus tectorum	-		Litter
27	Grass	Other spp. 1	-		Litter
28	Grass	Other spp. 1	B-Grass	Other spp. 1	-
29	Noxious Weed	Bromus tectorum	-		Litter

Point	Foliar		Basal		Non-Vegetative
	Type	Species	Type	Species	
30	Noxious Weed	Bromus tectorum	B-Noxious Weed	Bromus tectorum	-
31	Grass	Other spp. 1	-		Litter
32	-		-		Litter
33	Noxious Weed	Bromus tectorum	B-Noxious Weed	Bromus tectorum	-
34	-		-		Litter
35	-		-		Litter
36	Grass	Other spp. 1	B-Grass	Other spp. 1	-
37	-		-		Litter
38	Forb	Other spp. 2	-		Bare Ground
39	Grass	Other spp. 1	-		Litter
40	-		-		Bare Ground
41	Grass	Other spp. 1	-		Litter
42	-		-		Litter
43	Noxious Weed	Bromus tectorum	-		Litter
44	-		-		Bare Ground
45	Noxious Weed	Bromus tectorum	B-Forb	Other spp. 1	-
46	Noxious Weed	Bromus tectorum	-		Litter
47	Noxious Weed	Bromus tectorum	-		Litter
48	Forb	Other spp. 2	B-Noxious Weed	Bromus tectorum	-
49	Noxious Weed	Bromus tectorum	-		Litter
50	Noxious Weed	Bromus tectorum	B-Noxious Weed	Bromus tectorum	-

Photo Requirements

Representative photo looking down the length of each transect; including reference area	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO
Photo facing each cardinal direction (N, E, S, W) from the center looking past well heads.	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO
Representative photo down edge of disturbance	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO
Photo that documents the total cover of live perennial vegetation of the undisturbed area	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO
Photo that documents the total cover of live perennial vegetation of the disturbed area	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO

General Notes: Other forb species 2 is sunflower.

INSPECTION CERTIFICATION

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Inspector (Name)

Cody Booth- Environmental Specialist

Cody Booth

Date: 06/26/2015

VEGETATION MONITORING FORM - Kerr McGee Oil & Gas Onshore LLC

COGCC Location Name (ID): Melba 2N-14HZ (328457)

CO # COP0073

Date of Assessment - 06/26/2015

Transect ID - Reference Transect 2

Length of Transect (ft.) - 650'

Transect Type

☐ Reclamation

☒ Reference

Inspector(s) (Name and Title) - Cody Booth- Environmental Specialist

Weather at Time of Inspection - Sunny, 70 degrees F

Method - Step Point

Point	Foliar		Basal		Non-Vegetative
	Type	Species	Type	Species	
1	-		-		Litter
2	Noxious Weed	Bromus tectorum	-		Litter
3	Grass	Other spp. 1	-		Bare Ground
4	Noxious Weed	Bromus tectorum	-		Litter
5	Noxious Weed	Bromus tectorum	-		Litter
6	Grass	Other spp. 1	B-Grass	Other spp. 1	-
7	Forb	Other spp. 1	B-Forb	Other spp. 1	-
8	Noxious Weed	Bromus tectorum	-		Litter
9	Noxious Weed	Bromus tectorum	-		Litter
10	Noxious Weed	Bromus tectorum	-		Litter
11	-		-		Litter
12	Noxious Weed	Bromus tectorum	-		Litter
13	-		-		Bare Ground
14	Noxious Weed	Bromus tectorum	-		Bare Ground
15	Forb	Other spp. 3	-		Litter
16	Noxious Weed	Bromus tectorum	-		Litter
17	Noxious Weed	Bromus tectorum	B-Noxious Weed	Bromus tectorum	-
18	-		-		Bare Ground
19	Grass	Other spp. 1	-		Litter
20	-		-		Litter
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23	-		-		Bare Ground
24	Forb	Salsola spp.	B-Forb	Salsola spp.	-
25	-		-		Bare Ground
26	Noxious Weed	Bromus tectorum	-		Litter
27	Forb	Other spp. 2	-		Bare Ground
28	-		-		Litter
29	-		-		Bare Ground

Point	Foliar		Basal		Non-Vegetative
	Type	Species	Type	Species	
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34	-		-		Litter
35	Noxious Weed	Bromus tectorum	-		Litter
36	Noxious Weed	Bromus tectorum	B-Noxious Weed	Bromus tectorum	-
37	Noxious Weed	Bromus tectorum	-		Litter
38	Noxious Weed	Bromus tectorum	B-Noxious Weed	Bromus tectorum	-
39	-		-		Litter
40	Noxious Weed	Bromus tectorum	-		Litter
41	Noxious Weed	Bromus tectorum	-		Litter
42	Noxious Weed	Bromus tectorum	-		Litter
43	-		-		Litter
44	-		-		Litter
45	-		-		Bare Ground
46	-		-		Bare Ground
47	Noxious Weed	Bromus tectorum	-		Litter
48	Forb	Salsola spp.	B-Forb	Salsola spp.	-
49	Grass	Sporobolus cryptandrus	B-Grass	Sporobolus cryptandrus	-
50	Noxious Weed	Bromus tectorum	-		Litter

Photo Requirements

Representative photo looking down the length of each transect; including reference area	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO
Photo facing each cardinal direction (N, E, S, W) from the center looking past well heads.	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO
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General Notes: Other forb species 1 is sunflower

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Inspector (Name)

Cody Booth- Environmental Specialist



Date: 06/26/2015