

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Buffalo Field Office
Buffalo, Wyoming**

**SURFACE USE
CONDITIONS OF APPROVAL
EA # WY-070-09-066**

POD Name: Carr Draw Federal POD III West

Operator: Williams Production RMT Company

List of Wells:

	Well Name	Well #	Qtr/Qtr	Section	TWP	RNG	Lease #
1	CARR DRAW III W CARU	14-2BG*	SWSW	2	50N	76W	WYW135623
2	CARR DRAW III W CARU	14-2W	SWSW	2	50N	76W	WYW135623
3	CARR DRAW III W CARU	23-2BG	NESW	2	50N	76W	WYW135623
4	CARR DRAW III W CARU	23-2GW	NESW	2	50N	76W	WYW135623
5	CARR DRAW III W CARU	12-3W	SWNW	3	50N	76W	WYW135623
6	CARR DRAW III W CARU	12-3BG	SWNW	3	50N	76W	WYW135623
7	CARR DRAW III W CARU	21-3GW	NENW	3	50N	76W	WYW135623
8	CARR DRAW III W CARU	21-3BG	NENW	3	50N	76W	WYW135623
9	CARR DRAW III W CARU	41-3BG	NENE	3	50N	76W	WYW135623
10	CARR DRAW III W CARU	41-3GW	NENE	3	50N	76W	WYW135623
11	CARR DRAW III W CARU	13-3BG	NWSW	3	50N	76W	WYW135623
12	CARR DRAW III W CARU	13-3BW	NWSW	3	50N	76W	WYW135623
13	CARR DRAW III W CARU	23-3BG	NESW	3	50N	76W	WYW135623
14	CARR DRAW III W CARU	23-3W	NESW	3	50N	76W	WYW135623
15	CARR DRAW III W CARU	32-3BG	SWNE	3	50N	76W	WYW135623
16	CARR DRAW III W CARU	32-3W	SWNE	3	50N	76W	WYW135623
17	CARR DRAW III W CARU	34-3W	SWSE	3	50N	76W	WYW135623
18	CARR DRAW III W CARU	34-3BG	SWSE	3	50N	76W	WYW135623
19	CARR DRAW III W CARU	43-3BG	NESE	3	50N	76W	WYW135623
20	CARR DRAW III W CARU	43-3W	NESE	3	50N	76W	WYW135623
21	CARR DRAW III W CARU	34-9BG	SWSE	9	50N	76W	WYW154405
22	CARR DRAW III W CARU	34-9LW	SWSE	9	50N	76W	WYW154405
23	CARR DRAW III W CARU	14-9BG	SWSW	9	50N	76W	WYW154405
24	CARR DRAW III W CARU	14-9LW	SWSW	9	50N	76W	WYW154405
25	CARR DRAW III W CARU	23-9BG	NESW	9	50N	76W	WYW154405
26	CARR DRAW III W CARU	23-9LW	NESW	9	50N	76W	WYW154405

	Well Name	Well #	Qtr/Qtr	Section	TWP	RNG	Lease #
27	CARR DRAW III W CARU	43-9BG	NESE	9	50N	76W	WYW154405
28	CARR DRAW III W CARU	43-9W	NESE	9	50N	76W	WYW154405
29	CARR DRAW III W CARU	41-10BG	NENE	10	50N	76W	WYW135623
30	CARR DRAW III W CARU	41-10W	NENE	10	50N	76W	WYW135623
31	CARR DRAW III W CARU	42-10BG	SENE	10	50N	76W	WYW135623
32	CARR DRAW III W CARU	42-10W	SENE	10	50N	76W	WYW135623
33	CARR DRAW III W CARU	21-10BG	NENW	10	50N	76W	WYW154405
34	CARR DRAW III W CARU	21-10W	NENW	10	50N	76W	WYW154405
35	CARR DRAW III W CARU	32-10BG	SWNE	10	50N	76W	WYW135623
36	CARR DRAW III W CARU	32-10W	SWNE	10	50N	76W	WYW135623
37	CARR DRAW III W CARU	11-10BG	NWNW	10	50N	76W	WYW154405
38	CARR DRAW III W CARU	11-10W	NWNW	10	50N	76W	WYW154405
39	CARR DRAW III W CARU	21-11BG	NENW	11	50N	76W	WYW135623
40	CARR DRAW III W CARU	21-11W	NENW	11	50N	76W	WYW135623
41	CARR DRAW III W CARU	44-11BG	SESE	11	50N	76W	WYW135623
42	CARR DRAW III W CARU	44-11W	SESE	11	50N	76W	WYW135623
43	CARR DRAW III W CARU	22-11BG	SENE	11	50N	76W	WYW135623
44	CARR DRAW III W CARU	22-11W	SENE	11	50N	76W	WYW135623
45	CARR DRAW III W CARU	34-11BG	SWSE	11	50N	76W	WYW135623
46	CARR DRAW III W CARU	34-11W	SWSE	11	50N	76W	WYW135623
47	CARR DRAW III W CARU	43-11BG	NESE	11	50N	76W	WYW135623
48	CARR DRAW III W CARU	43-11W	NESE	11	50N	76W	WYW135623
49	CARR DRAW III W CARU	34-14BG	SWSE	14	50N	76W	WYW135623
50	CARR DRAW III W CARU	34-14W	SWSE	14	50N	76W	WYW135623
51	CARR DRAW III W CARU	22-14BG	SENE	14	50N	76W	WYW135623
52	CARR DRAW III W CARU	22-14W	SENE	14	50N	76W	WYW135623
53	CARR DRAW III W CARU	31-14BG	NWNE	14	50N	76W	WYW135623
54	CARR DRAW III W CARU	31-14W	NWNE	14	50N	76W	WYW135623
55	CARR DRAW III W CARU	23-14BG	NESW	14	50N	76W	WYW154405
56	CARR DRAW III W CARU	23-14W	NESW	14	50N	76W	WYW154405
57	CARR DRAW III W CARU	43-14BG	NESE	14	50N	76W	WYW135623
58	CARR DRAW III W CARU	43-14W	NESE	14	50N	76W	WYW135623
59	CARR DRAW III W CARU	12-15BG	SWNW	15	50N	76W	WYW56118
60	CARR DRAW III W CARU	12-15W	SWNW	15	50N	76W	WYW56118
61	CARR DRAW III W CARU	14-15BG	SWSW	15	50N	76W	WYW56118
62	CARR DRAW III W CARU	14-15W	SWSW	15	50N	76W	WYW56118
63	CARR DRAW III W CARU	33-15BG	NWSE	15	50N	76W	WYW154405

	Well Name	Well #	Qtr/Qtr	Section	TWP	RNG	Lease #
64	CARR DRAW III W CARU	33-15W	NWSE	15	50N	76W	WYW154405
65	CARR DRAW III W CARU	31-22BG	NWNE	22	50N	76W	WYW92963
66	CARR DRAW III W CARU	31-22W	NWNE	22	50N	76W	WYW92963
67	CARR DRAW III W CARU	12-22BG	SWNW	22	50N	76W	WYW040443D
68	CARR DRAW III W CARU	12-22LW	SWNW	22	50N	76W	WYW040443D
69	CARR DRAW III W CARU	21-22BG	NENW	22	50N	76W	WYW040443C
70	CARR DRAW III W CARU	21-22W	NENW	22	50N	76W	WYW040443C
71	CARR DRAW III W CARU	32-22BG	SWNE	22	50N	76W	WYW040443C
72	CARR DRAW III W CARU	32-22W	SWNE	22	50N	76W	WYW040443C
73	CARR DRAW III W CARU	21-23BG	NENW	23	50N	76W	WYW146290
74	CARR DRAW III W CARU	21-23W	NENW	23	50N	76W	WYW146290
75	CARR DRAW III W CARU	23-23W	NESW	23	50N	76W	WYW146290
76	CARR DRAW III W CARU	23-23BG	NESW	23	50N	76W	WYW146290
77	CARR DRAW III W CARU	42-23BG	SENE	23	50N	76W	WYW146290
78	CARR DRAW III W CARU	42-23W	SENE	23	50N	76W	WYW146290
79	CARR DRAW III W CARU	12-23BG	SWNW	23	50N	76W	WYW146290
80	CARR DRAW III W CARU	12-23W	SWNW	23	50N	76W	WYW146290
81	CARR DRAW III W CARU	14-23BG	SWSW	23	50N	76W	WYW146290
82	CARR DRAW III W CARU	14-23W	SWSW	23	50N	76W	WYW146290
83	CARR DRAW III W CARU	22-23BG	SENW	23	50N	76W	WYW146290
84	CARR DRAW III W CARU	22-23W	SENW	23	50N	76W	WYW146290
85	CARR DRAW III W CARU	12-26BG	SWNW	26	50N	76W	WYW040444A
86	CARR DRAW III W CARU	12-26W	SWNW	26	50N	76W	WYW040444A
87	CARR DRAW III W CARU	12-27BG	SWNW	27	50N	76W	WYW33138
88	CARR DRAW III W CARU	12-27W	SWNW	27	50N	76W	WYW33138
89	CARR DRAW III W CARU	41-27BG	NENE	27	50N	76W	WYW040444A
90	CARR DRAW III W CARU	41-27W	NENE	27	50N	76W	WYW040444A
91	CARR DRAW III W CARU	21-27BG	NENW	27	50N	76W	WYW040444A
92	CARR DRAW III W CARU	21-27W	NENW	27	50N	76W	WYW040444A
93	CARR DRAW III W CARU	43-27W	NESE	27	50N	76W	WYW040444A
94	CARR DRAW III W CARU	33-27BG	NWSE	27	50N	76W	WYW040444A
95	CARR DRAW III W CARU	33-27W	NWSE	27	50N	76W	WYW040444A
96	CARR DRAW III W CARU	43-27BG	NESE	27	50N	76W	WYW040444A

The following wells have been deferred due to resource conflicts:

	Well Name	Well #	Qtr/Qtr	Section	TWP	RNG	Lease #
1	CARR DRAW III W CARU	14-10BG	SWSW	10	50N	76W	WYW154405
2	CARR DRAW III W CARU	14-10W	SWSW	10	50N	76W	WYW154405

	Well Name	Well #	Qtr/Qtr	Section	TWP	RNG	Lease #
3	CARR DRAW III W CARU	11-14BG	NWNW	14	50N	76W	WYW135623
4	CARR DRAW III W CARU	11-14W	NWNW	14	50N	76W	WYW135623
5	CARR DRAW III W CARU	41-15BG	NENE	15	50N	76W	WYW154405
6	CARR DRAW III W CARU	41-15W	NENE	15	50N	76W	WYW154405
7	CARR DRAW III W CARU	42-15BG	SENE	15	50N	76W	WYW154405
8	CARR DRAW III W CARU	42-15W	SENE	15	50N	76W	WYW154405

The following access road, infrastructure and associated facilities are not being approved as proposed:

	Infrastructure/facility	Qtr/Qtr	Section	TWP	RNG
1	Access road from the 43-9 to the proposed 14-10 well location	NESE	9	50N	76W
		SWSW	10		
2	Access road and pipeline corridor to the proposed 41-15 well location	NENE	15	50N	76W
3	Access road and pipeline corridor to the proposed 11-14 well location	SWNW & NWNW	14	50N	76W
4	Access road and pipeline corridor from the access to the 22-14 well location to the proposed 42-15 well location	SENE	15	50N	76W
		SWNW & SENW	14		

I. Programmatic mitigation measures identified in the PRB FEIS ROD

Programmatic mitigation measures are those, determined through analysis, which may be appropriate to apply at the time of APD approval if site specific conditions warrant. These mitigation measures can be applied by BLM, as determined necessary at the site-specific NEPA APD stage, as COAs and will be in addition to stipulations applied at the time of lease issuance and any standard COA.

Wildlife

1. For any surface-disturbing activities proposed in sagebrush shrublands, the Companies will conduct clearance surveys for sage grouse breeding activity during the sage grouse's breeding season before initiating the activities. The surveys must encompass all sagebrush shrublands within 0.5 mile of the proposed activities.
2. All stock tanks shall include a ramp to enable trapped small birds and mammals to escape. See Idaho BLM Technical Bulletin 89-4 entitled Wildlife Watering and Escape Ramps on Livestock Water Developments: Suggestions and Recommendations.

Threatened, Endangered, or Sensitive Species

Bald Eagle

1. Additional mitigation measures may be necessary if the site-specific project is determined by a BLM biologist to have adverse effects to bald eagles or their habitat.

Air Quality

1. During construction, emissions of particulate matter from well pad and resource road construction will be minimized by application of water, or other dust suppressants, with at least 50 percent control efficiency. Roads and well locations constructed on soils susceptible to wind erosion could be appropriately surfaced or otherwise stabilized to reduce the amount of fugitive dust generated by traffic or other activities, and dust inhibitors (surfacing materials, non-saline dust suppressants, and water) could be used as necessary on unpaved collector, local and resource

roads that present a fugitive dust problem. The use of chemical dust suppressants on BLM surface will require prior approval from the BLM authorized officer.

Water Management

Surface Water

1. Channel Crossings:
 - a) Channel crossings by road and pipelines will be constructed perpendicular to flow. Culverts will be installed at appropriate locations for streams and channels crossed by roads as specified in the BLM Manual 9112-Bridges and Major Culverts and Manual 9113-Roads. Streams will be crossed perpendicular to flow, where possible, and all stream crossing structures will be designed to carry the 25-year discharge event or other capacities as directed by the BLM.
 - b) Channel crossings by pipelines will be constructed so that the pipe is buried at least four feet below the channel bottom.
2. Low water crossings will be constructed at original streambed elevation in a manner that will prevent any blockage or restriction of the existing channel. Material removed will be stockpiled for use in reclamation of the crossings.

II. Site Specific Conditions of Approval

Surface Use

1. 18 locations will have a 30 day stabilization COA and are described in detail within the Carr Draw Federal POD III West Reclamation Management Plan. In addition, 4 locations are not included within the Carr Draw Federal POD III West Reclamation Management Plan and are the 34-3BG/W, 11-10BG/W, 44-11BG/W, and the 12-27BG/W. The 30 day stabilization COA will apply to both the location and the access for these additional 4 locations. The summary below lists all 22 locations with the 30 day stabilization COA:

30 Day COA Stabilization COA:	Well #:
Applied to both the location and access	34-3BG/W, 14-9BG/LW, 21-10BG/W, 11-10BG/W, 44-11BG/W, 22-11BG/W, 12-15BG/W, 42-23BG/W, 12-27BG/W, 33-27BG/W, 43-14BG/W, 43-3BG/W
Applied to only the location	23-23BG/W, 43-27BG/W, 23-9BG/W
Applied to only the access	34-9BG/LW, 32-22BG/W, 31-22BG/W, 14-23BG/W, 22-23BG/W, 21-27BG/W, 43-9BG/W

2. The following 3 locations will have utilities and or access coming from the Carr Draw IV POD to the South:

All gas and water will go to the south to the Carr IV POD. The access will be from the Carr Draw Federal POD III West.	33-27BG/W, 43-27BG/W
All gas and water will go to the south to the Carr IV POD. The access will be from the Carr Draw Federal POD IV.	12-27BG/W

3. The following 4 locations will utilize existing vegetation and topography to mitigate for the elk view shed:

Site Specific COA:	Well #:
The operator will utilize the mature trees surrounding the location as well as topographic features (i.e. hillside, ridges) to mitigate for the	32-3BG/W, 43-9BG/W, 42-10BG/W, 13-3BG/W

elk view shed.	
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4. The following 2 locations will be dead end locations:

Site Specific COA:	Well #:
The access road will dead end at the location and needs to be signed accordingly.	33-15BG/W and 12-15BG/W

5. The colors for the POD Infrastructure will be either Juniper Green or Covert Green and will be chosen on a site specific basis per location depending on the dominant vegetation. There are many areas within the project that are dominated by Juniper and other pine species, Juniper Green will be used in these areas. The areas that are dominated by sagebrush will be painted Covert Green:

Environmental Color:	Well #:
Covert Green (40 locations)	14-2BG*/W, 23-2BG/GW, 32-3BG/W, 23-3BG/W, 41-3BG/GW, 43-3BG/W, 14-9BG/LW, 34-9BG/LW, 23-9BG/LW, 43-9BG/W, 32-10BG/W, 11-10BG/W, 41-10BG/W, 21-11BG/W, 43-11BG/W, 44-11BG/W, 22-11BG/W, 34-14BG/W, 31-14BG/W, 23-14BG/W, 14-15BG/W, 12-15BG/W, 33-15BG/W, 12-22BG/LW, 32-22BG/W, 31-22BG/W, 21-22BG/W, 14-23BG/W, 12-23BG/W, 21-23BG/W, 23-23BG/W, 42-23BG/W, 12-26BG/W, 12-27BG/W, 41-27BG/W, 21-27BG/W, 43-27BG/W
Juniper Green (12 locations)	12-3BG/W, 21-3BG/GW, 13-3BG/W, 34-3BG/W, 21-10BG/W, 41-10BG/W, 34-11BG/W, 22-14BG/W, 43-14BG/W, 22-23BG/W, 33-27BG/W

-All other infrastructure such as POD buildings and meter buildings will be painted Covert Green.

6. 14-9BG/LW: The pad will be constructed to fit the topography and will not affect the tree to the east as well as the blowout adjacent to the tree to the west.
7. 42-23BG/W: The well location will be built to accommodate and avoid the tree to the east, the erosion feature to the south, and will maintain a 20' foot vegetated buffer from the draws to the west.
8. 34-3BG/W: The operator will maintain the integrity of the ridge on the south side of the location to create a natural buffer to mitigate for the elk view shed.
9. 12-15BG/W: Williams will use road base gravel instead of scoria for the access road to this well.
10. 32-22BG/W: The location will require less than two foot of fill on the south west side of the location. Where fill will be borrowed from the north end of the location, the natural buffer shall be left intact.
11. 31-22BG/W: Due to the proximity to a raptor nest, the access road width will be no greater than 12' feet wide on the ridge prior to descending into the well location, at this location the road will not cut into the base of the knoll adjacent to the originally proposed location. The road will need to be surfaced from the knoll to the well.
12. 22-23BG/W: The toe of the fill needs to be out of the drainage. A 20' foot vegetated buffer will apply to the location.
13. 23-23BG/W: The crushed scoria may enhance weed growth, therefore a plan addressing how weeds

will be controlled and how the scoria will be re-contoured for final reclamation will be needed.

14. 23-23BG/W: The location will be used as a potential staging area for the wells to the north. The location will be built no larger than the original proposed 0.99 acres. The pad will incorporate the adjacent main corridor and will resemble an eyebrow location.
15. The operator will be required to monitor and record the frequency of site visits to individual wells and facilities for the first six months of production immediately following construction of the wells and facilities. These reports will be submitted by the operator at the end of each month to the BLM BFO. The monthly reports will include: The reason for the well visit, any problems identified, any repairs or actions made during the well visits, the date, time, and duration of the well visit. Actions that are covered under 43 CFR 3162.3-2 (a) Subsequent well operations, as they will be submitted through sundry. At the end of the six month reporting period the operator will submit a travel plan based on the well reports to be approved by the BLM BFO.
16. The operator will seed the Carr Draw Federal POD III West with the seed mixes identified within the Carr Draw Federal POD III West Reclamation Management Plan. Seed Mix A, B, or C will be used depending on the site specific soil type, identified in attachment A and B within the Carr Draw Federal POD III West Reclamation Management Plan.

Wildlife

Big Game

1. No surface disturbing activity shall occur within identified elk crucial winter range from November 15 to April 30. This timing limitation will affect the following:

Township/Range	Section	Wells and Infrastructure
T50N/R76W	3	Well locations: 12-3-5076, 21-3-5076, 32-3-5076, and 41-3-5076 All associated infrastructure within the NW and NE of this section.
T50N/R76W	4	All associated infrastructure within the NE of this section.

2. No surface disturbing activity shall occur within identified elk calving range from May 1 to June 30. This timing limitation will affect the following:

Township/Range	Section	Wells and Infrastructure
T50N/ R76W	2	Well locations: 14-2-5076 and 23-2-5076 All associated infrastructure in the SW, SENW, and SWNW of this section.
T50N/R76W	3	Well locations: 12-3-5076, 13-3-5076, 21-3-5076, 23-3-5076, 32-3-5076, 34-3-5076, 41-3-5076, and 43-3-5076 All associated infrastructure within this ENTIRE section.
T50N/R76W	4	All associated infrastructure within this ENTIRE section.
T50N/R76W	9	Well Locations: 14-9-5076, 23-9-5076, 34-9-5076, and 43-9-5076 All associated infrastructure within this ENTIRE section.
T50N/R76W	10	Well Locations: 11-10-5076, 21-10-5076, 32-10-5076, 41-10-5076, and 42-10-5076 All associated infrastructure within this ENTIRE section.
T50N/R76W	11	Well Locations: 21-11-5076, 22-11-5076, 34-11-5076, 43-11-5076, and 44-11-5076 All associated infrastructure within this ENTIRE section.
T50N/R76W	14	Well Locations: 22-14-5076, 23-14-5076, and 31-14-5076 All associated infrastructure within the NW, NWNE, NENE, SWNE, NWSW, and NESW of this section.

Township/Range	Section	Wells and Infrastructure
T50N/R76W	15	Well Locations: 12-15-5076 and 33-15-5076, All associated infrastructure within the NW, NE, NWSE, and NESE of this section.

- The operator will provide BLM with a proposed work schedule at the pre-construction meeting and a work summary report, due by the 12th of each month. The report shall summarize the work activities from the previous month, what activities were conducted, where the work was conducted, when the work was conducted, and any elk observations shall be recorded. The report shall also include the proposed activity schedule for the next month. The summary report shall be compared with the elk monitoring data to evaluate cause and affect relationships.

Raptors

The following conditions will alleviate impacts to raptors:

- No surface disturbing activity shall occur within 0.5 mile of all identified raptor nests from February 1 through July 31, annually, prior to a raptor nest occupancy survey for the current breeding season. This timing limitation will affect the following:

TOWNSHIP/RANGE	SECTION	WELLS AND INFRASTRUCTURE
T50N/R76W	3	Well locations: 34-3-5076 All associated infrastructure in the SWSE and SESE of this section.
T50N/R76W	4	All associated infrastructure in the NWNE and SWNE of this section.
T50N/R76W	9	Well locations: 23-9-5076, 34-9-5076, and 43-9-5076 All associated infrastructure in the SE, SENW, SWNE, SENE, and NESW of this section.
T50N/R76W	10	Well locations: 21-10-5076, 32-10-5076, 41-10-5076, and 42-10-5076. All associated infrastructure in the NWSW, NENW, SENW, and NE of this section.
T50N/R76W	14	Well locations: 34-14-5076 All associated infrastructure in the SESE, SWSE, SWSW, and SESW of this section.
T50N/R76W	15	Well locations: 14-15-5076 and 33-15-5076 All associated infrastructure in the SE and SWSW of this section.
T50N/R76W	21	All associated infrastructure in the NENE and NWNE of this section.
T50N/R76W	22	Well locations: 12-22-5076, 21-22-5076, 32-22-5076, and 31-22-5076 All associated infrastructure in the NW, NE and NESW of this section.
T50N/R76W	23	Well locations: 12-23-5076, 22-23-5076, and 42-23-5076 All associated infrastructure in the NWNW, NWNE, NENE, SENE, SESW, SWSE, and SESE of this section
T50N/R76W	25	All associated infrastructure in the NENE of this section.
T50N/R76W	26	All associated infrastructure in the NENE, NWNE, and NENW of this section.

TOWNSHIP/RANGE	SECTION	WELLS AND INFRASTRUCTURE
T50N/R75W	31	All associated infrastructure in the N ½ of this section.

- a. Surveys to document nest occupancy shall be conducted by a biologist following BLM protocol, between April 15 and June 30. All survey results shall be submitted in writing to a Buffalo BLM biologist and approved prior to surface disturbing activities. Surveys outside this window may not depict nesting activity. If a survey identifies active raptor nests, a 0.5 mile timing buffer will be implemented. The timing buffer restricts surface disturbing activities within 0.5 miles of occupied raptor nests from February 1 to July 31.
 - b. Nest occupancy and productivity checks shall be completed for nests within a 0.5 mile of any surface disturbing activities (e.g., well drilling or pipeline installation) across the entire POD for as long as the POD is under construction. Once construction of the POD has ceased, nest occupancy and productivity checks shall continue for the first five years on all nests that are within a 0.5 mile of locations where any surface-disturbing activities took place. Productivity checks shall be completed only on those nests that were verified to be occupied during the initial occupancy check of that year. The productivity checks shall be conducted no earlier than June 1 or later than June 30, and any evidence of nesting success or production shall be recorded. Survey results will be submitted to a Buffalo BLM biologist in writing no later than July 31 of each survey year. In 2009, this applies to the nest(s) listed in Table 3.9 of the EA and is subject to change each year after that, pending surveys.
2. If an undocumented raptor nest is located during project construction or operation, the Buffalo Field Office (307-684-1100) shall be notified within 24 hours.
 3. Well metering, maintenance and other site visits within 0.5 miles of raptor nests should be minimized as much as possible during the breeding season (February 1 – July 31).

Sage Grouse

The following conditions will alleviate impacts to sage-grouse:

- a. No surface disturbing activities are permitted from March 1 to June 15. This condition will be implemented on an annual basis for the life of the project. This condition affects the following locations:

Township/Range	Section	Wells and Infrastructure
T50N/R76W	9	Well locations: 14-9-5076, 34-9-5076, 43-9-5076 All associated infrastructure within this ENTIRE section.
T50N/R76W	14	Well locations: 11-14-5076 All associated infrastructure in the NENE of this section.
T50N/R76W	15	Well locations: 41-15-5076 and 42-15-5076 All associated infrastructure in the NENE of this section.
T50N/R76W	22	Well locations: 31-22-5076 All associated infrastructure in the NENE of this section.
T50N/R76W	27	Well locations: 12-27-5076 and 21-27-5076 All associated infrastructure in the NENW, NWNW, and SWNW of this section.
T50N/R75W	31	All associated infrastructure within this ENTIRE section.
T50N/R76W	34	All associated infrastructure within this ENTIRE section.

- b. A sage-grouse survey will be conducted by a biologist following the most current WGFD protocol. All survey results shall be submitted in writing to a Buffalo BLM biologist and approved prior to surface disturbing activities.
- c. Maximum design speed on all operator-constructed and maintained roads (except county roads) will not exceed 25 miles per hour.
- d. Perch inhibitors will be installed on each pole of the proposed overhead power line along its entire route.

III Standard Conditions of Approval

General

1. If any cultural values [sites, artifacts, human remains (Appendix L FEIS)] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Buffalo Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO). Within five working days the AO will inform the operator as to:
 - whether the materials appear eligible for the National Register of Historic Places;
 - the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and,
 - a time-frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction measures.
2. If paleontological resources, either large or conspicuous, and/or a significant scientific value are discovered during construction, the find will be reported to the Authorized Officer immediately. Construction will be suspended within 250 feet of said find. An evaluation of the paleontological discovery will be made by a BLM approved professional paleontologist within five (5) working days, weather permitting, to determine the appropriate action(s) to prevent the potential loss of any significant paleontological values. Operations within 250 feet of such a discovery will not be resumed until written authorization to proceed is issued by the Authorized Officer. The applicant will bear the cost of any required paleontological appraisals, surface collection of fossils, or salvage of any large conspicuous fossils of significant scientific interest discovered during the operation.
3. The operator shall restrict travel on unimproved two-track roads during periods of inclement weather or spring thaw when the possibility exists for excessive surface resource damage (e.g., rutting in excess of 4-inches, travel outside two-track roadway, etc.).
4. The first producing well drilled to each targeted coal zone will be designated as the POD "Reference Well". Reference wells will not be required for PODs within a 6 mile radius of the first reference well designated by the operator, nor for co-mingled coal zones. The designated reference well must be equipped to be sampled at the well head. A reference well sample will be

collected from the wellhead and submitted for analysis; using the list of analytes identified in WDEQ WYPDES Application for Permit to Surface Discharge Produced Water from CBM New Discharges, Renewals, or Major Modifications, within 30 to 60 days of initial water production. Results of the analysis will be submitted to the BFO-BLM authorized Officer as they become available.

5. By November 1 each year, companies will provide georeferenced spatial data depicting as-built locations of all facilities, wells, roads, pipelines, power lines, reservoirs, discharge points, and other related facilities to the BLM for all PODs where construction and development have been completed.
6. If any dead or injured threatened, endangered, proposed, or candidate species is located during construction or operation, the U.S. Fish and Wildlife Service's Wyoming Field Office (307-772-2374), their law enforcement office (307-261-6365), and the BLM Buffalo Field Office (307-684-1100) shall be notified within 24 hours. If any dead or injured sensitive species is located during construction or operation, the BLM Buffalo Field Office (307-684-1100) shall be notified within 24 hours.
7. Wildlife species are dynamic and new individuals may have moved into the Carr Draw III West area after the initial wildlife surveys were completed. The Record of Decision for the PRB FEIS includes a programmatic mitigation measure that states, "The companies will conduct clearance surveys for threatened and endangered or other special-concern species at the optimum time". The measure requires companies to coordinate with the BLM before November 1 annually to review the potential for disturbance and to agree on inventory parameters. Should this project not be completed by January 15, and surface disturbance is planned for that year, a Williams Production RMT Company representative will coordinate with the BLM to discuss required surveys.
8. All other conservation measures and terms and conditions identified in the Powder River Basin Oil and Gas Project Biological Opinion (ES-6-WY-07-F012) shall be complied with.
9. If an undocumented raptor nest is located during project construction or operation, the Buffalo Field Office (307-684-1100) shall be notified within 24 hours.
10. All contractors will have a copy of the POD map and conditions of approval with them at all times.

Construction

1. A pre-construction field meeting shall be conducted prior to beginning any dirt work approved under this POD. The operator shall contact the BLM Authorized Officer Andy Perez at 307-684-1166 at least 4-days prior to beginning operations so that the meeting can be scheduled. The operator is responsible for having all contractors present (dirt contractors, drilling contractor, pipeline contractor, project oversight personnel, etc.) including the overall field operations superintendent, and for providing all contractors copies of the approved POD, project map and BLM Conditions of Approval pertinent to the work that each will be doing.
2. The operator will limit vegetation removal and the degree of surface disturbance wherever possible. Where surface disturbance cannot be avoided, all practicable measures will be utilized to minimize erosion and stabilize disturbed soils.

3. Construction and drilling activity will not be conducted using frozen or saturated soil material during periods when watershed damage or excessive rutting is likely to occur.
4. Remove all available topsoil (depths vary from 4 inches on ridges to 12+ inches in bottoms) from constructed well locations including areas of cut and fill, and stockpile at the site. Topsoil will also be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material. Any topsoil stockpiled for one year or longer will be signed and stabilized with annual ryegrass or other suitable cover crop.
5. The operator will not push soil material and overburden over side slopes or into drainages. All soil material disturbed will be placed in an area where it can be retrieved without creating additional undue surface disturbance and where it does not impede watershed and drainage flows.
6. Construct the backslope no steeper than 1½:1, and construct the foreslope no steeper than 2:1, unless otherwise directed by the BLM Authorized Officer.
7. Maintain a minimum 20-foot undisturbed vegetative border between toe-of-fill of pad and/or pit areas and the edge of adjacent drainages, unless otherwise directed by the BLM Authorized Officer.
8. With the overall objective of minimizing surface disturbance and retaining land stability and productivity, the operator shall utilize equipment that is appropriate to the scope and scale of work being done for roads and well pads (utilize equipment no larger than needed for the job).
9. All overhead power lines shall be built to protect raptors, including bald eagles, from accidental electrocution using the most recent edition of “Suggested Practices for Raptor Protection” by the Avian Power Line Interaction Committee (2006 edition or most recent edition) and any additional practices provided by the FWS. It should be noted that raptor protection can be achieved through insulation and/or wire spacing and that there are multiple configurations capable of protecting raptors.
10. The operator shall utilize wheel trenchers or ditchers to construct all pipeline trenches, except where extreme topography or other environmental factors preclude their use.
11. Reserve pits will be adequately fenced during and after drilling operations until pit is reclaimed so as to effectively keep out wildlife and livestock. Adequate fencing, in lieu of more stringent requirements by the surface owner, is defined as follows:
12. Construction materials will consist of steel or wood posts. Three or four strand wire (smooth or barbed) fence or hog panel (16-foot length by 50-inch height) or plastic snow fence must be used with connectors such as fence staples, quick-connect clips, hog rings, hose clamps, twisted wire, etc. Electric fences will not be allowed.
13. Construction standards: Posts shall be firmly set in ground. If wire is used, it must be taut and evenly spaced, from ground level to top wire, to effectively keep out animals. Hog panels must be tied securely into posts and one another using fence staples, clamps, etc. Plastic snow fencing must be taut and sturdy. Fence must be at least 2-feet from edge of pit. Three sides fenced before beginning drilling, the fourth side fenced immediately upon completion of drilling and prior to rig release. Fence must be left up and maintained in adequate condition until pit is closed.
14. The reserve pit will be oriented to prevent collection of surface runoff. After the drilling rig is removed, the operator may need to construct a trench on the uphill side of the reserve pit to divert

surface drainage around it. If constructed, the trench will be left intact until the pit is closed.

15. The reserve pit will be lined with an impermeable liner if permeable subsurface material is encountered. An impermeable liner is any liner having permeability less than 10^{-7} cm/sec. The liner will be installed so that it will not leak and will be chemically compatible with all substances that may be put in the pit. Liners made of any man-made synthetic material will be of sufficient strength and thickness to withstand normal installation and pit use. In gravelly or rocky soils, a suitable bedding material such as sand will be used prior to installing the liner.
16. The reserve pit will be constructed so that at least half of its total volume is in solid cut material (below natural ground level).
17. Culverts will be placed on channel bottoms on firm, uniform beds, which have been shaped to accept them, and aligned parallel to the channel to minimize erosion. Backfill will be thoroughly compacted.
18. The minimum diameter for culverts will be 18 inches. However, all culverts will be appropriately sized in accordance with standards in BLM Manual 9113.
19. Construction and other project-related traffic will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
20. Maximum design speed on all operator-constructed and maintained roads will not exceed 25 miles per hour.
21. Pipeline construction shall not block nor change the natural course of any drainage. Pipelines shall cross perpendicular to drainages. Pipelines shall not be run parallel in drainage bottoms. Suspended pipelines shall provide adequate clearance for maximum runoff.
22. Pipeline trenches shall be compacted during backfilling. Pipeline trenches shall be routinely inspected and maintained to ensure proper settling, stabilization and reclamation.
23. During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
24. Operators are required to obtain a National Pollution Discharge Elimination System (NPDES) Storm Water Permit from the Wyoming DEQ for any projects that disturb five or more acres (changing to one acre in March 2005). This general construction storm water permit must be obtained from WDEQ prior to any surface disturbing activities and can be obtained by following directions on the WDEQ website at <http://deq.state.wy.us>. Further information can be obtained by contacting Barb Sahl at (307) 777-7570.
25. The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD or POD Surface Use Plan.

26. Weed educational material will be reviewed with operators during pre-construction on-site meetings with operators, subcontractors, and landowners and will also be attached to approved APDs and PODs.
27. Companies will contact the counties to pursue development of maintenance agreements to ensure county roads are adequately maintained for the projected increase in use.

Operations/Maintenance

1. The operator shall complete coal bed natural gas wells (case, cement and under ream) as soon as possible, but no later than 30 days after drilling operations, unless an extension is given by the BLM Authorized Officer.
2. If in the process of air drilling the wells there is a need to utilize mud, all circulating fluids will be contained either in an approved pit or in an aboveground containment tank. The pit or containment tank will be large enough to safely contain the capacity of all expected fluids without danger of overflow. Fluid and cuttings will not be squeezed out of the pit, and the pit will be reclaimed in an expedient manner.
3. Confine all equipment and vehicles to the access road(s), pad(s), and area(s) specified in the approved APD or POD.
4. All waste, other than human waste and drilling fluids, will be contained in a portable trash cage. This waste will be transported to a State approved waste disposal site immediately upon completion of drilling operations. No trash or empty barrels will be placed in the reserve pit or buried on location. All state and local laws and regulations pertaining to disposal of human and solid waste will be complied with.
5. Rat and mouse holes shall be filled and compacted from the bottom to the top immediately upon release of the drilling rig from the location.
6. The operator will be responsible for prevention and control of noxious weeds and weeds of concern on all areas of surface disturbance associated with this project (well locations, roads, water management facilities, etc.) Use of pesticides shall comply with the applicable Federal and State laws. Pesticides shall be used only in accordance with their registered uses and within limitations imposed by the Secretary of Interior. Prior to the use of pesticides on public land, the holder shall obtain from the BLM authorized officer written approval of a plan showing the type and quantity of material to be used, pest(s) to be controlled, method of application, location of storage and disposal of containers, and any other information deemed necessary by the authorized officer to such use.
7. Sewage shall be placed in a self-contained, chemically treated porta-potty on location.
8. The operator and their contractors shall ensure that all use, production, storage, transport and disposal of hazardous and extremely hazardous materials associated with the drilling, completion and production of these wells will be in accordance with all applicable existing or hereafter promulgated federal, state and local government rules, regulations and guidelines. All project-related activities involving hazardous materials will be conducted in a manner to minimize potential environmental impacts. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals,

compounds and/or substances which are used in the course of construction, drilling, completion and production operations.

9. Produced fluids shall be put in test tanks on location during completion work. Produced water will be put in the reserve pit during completion work per Onshore Order #7.
10. The only fluids/waste materials which are authorized to go into the reserve pit are RCRA exempt exploration and production wastes. These include:
 - drilling muds & cuttings
 - rigwash
 - excess cement and certain completion & stimulation fluids defined by EPA as exempt

It does not include drilling rig waste, such as:

- spent hydraulic fluids
- used engine oil
- used oil filter
- empty cement, drilling mud, or other product sacks
- empty paint, pipe dope, chemical or other product containers
- excess chemicals or chemical rinsate

Any evidence of non-exempt wastes being put into the reserve pit may result in the BLM Authorized Officer requiring specific testing and closure requirements.

11. Reserve pits will be closed as soon as possible, but no later than 90 days from time of drilling/well completion, unless the BLM Authorized Officer gives an extension. Squeezing of pit fluids and cuttings is prohibited. Pits must be dry of fluids or they must be removed via vac-truck or other environmentally acceptable method prior to backfilling, re-contouring and replacement of topsoil. Mud and cuttings left in pit must be buried at least 3-feet below re-contoured grade. The operator will be responsible for re-contouring any subsidence areas that develop from closing a pit before it is sufficiently dry.
12. Operators are advised that prior to installation of any oil and gas well production equipment which has the potential to emit air contaminants, the owner or operator of the equipment must notify the Wyoming Department of Environmental Quality, Air Quality Division (phone 307-777-7391) to determine permit requirements. Examples of pertinent well production equipment include fuel-fired equipment (e.g., diesel generators), separators, storage tanks, engines and dehydrators.
13. If this well is drilled during the fire season (June-October), the operator shall institute all necessary precautions to ensure that fire hazard is minimized, including but not limited to mowing vegetation on the access route(s) and well location(s), keeping firefighting equipment readily available when drilling, etc.

Dry Hole/Reclamation

1. All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc., will be expediently reclaimed and reseeded in accordance with the surface use plan and any pertinent site-specific COAs.
2. Disturbed lands will be re-contoured back to conform with existing undisturbed topography. No depressions will be left that trap water or form ponds.

3. The fluids and mud must be dry in the reserve pit before re-contouring pit area. The operator will be responsible for re-contouring of any subsidence areas that develop from closing a pit before it is completely dry. The plastic pit liner (if any) will be cut off below grade and properly disposed of at a state authorized landfill before beginning to re-contour the site.
4. Before the location has been reshaped and prior to redistributing the topsoil, the operator will rip or scarify the drilling platform and access road on the contour, to a depth of at least 12 inches. The rippers are to be no farther than 24 inches apart.
5. Distribute the topsoil evenly over the entire location and other disturbed areas. Prepare the seedbed by disking to a depth of 4-to-6 inches following the contour.
6. Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice. Individual facilities, such as well locations, pipelines, discharge points, impoundments, etc. need to be addressed in these plans as they are no longer needed. Individual items that will need to be addressed in reclamation plans.
7. Pit closure (Close ASAP after suitably dry, but no later than 90 days from time of drilling unless an extension is given by BLM Authorized Officer.) BLM may require closure prior to 90 days in some cases due to land use or environmental concerns.

Configuration of reshaped topography, drainage systems, and other surface manipulations, waste disposal, Re-vegetation methods, including specific seed mix (pounds pure live seed/acre) and soil treatments (seedbed preparation, fertilization, mulching, etc.). On private surface, the landowner should be consulted for the specific seed mix. Other practices that will be used to reclaim and stabilize all disturbed areas, such as waterbars, erosion fabric, hydro-mulching, etc. An estimate of the timetables for beginning and completing various reclamation operations relative to weather and local land uses. Methods and measures that will be used to control noxious weeds, addressing both ingress and egress to the individual well or POD. De-commissioning/removal of all surface facilities. Closure and reclamation of areas utilized or impacted by produced CBM water, including discharge points, reservoirs, off-channel pits, land application areas, livestock/wildlife watering facilities, surface discharge stream channels, etc.

8. BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully re-vegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
9. A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
10. For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.
11. Soil fertility testing and the addition of soil amendments may be required to stabilize some disturbed lands.
12. Any mulch utilized for reclamation needs to be certified weed free.
13. Waterbars are to be constructed at least one (1) foot deep, on the contour with approximately two

(2) feet of drop per 100 feet of waterbar to ensure drainage, and extended into established vegetation. All waterbars are to be constructed with the berm on the downhill side to prevent the soft material from silting in the trench. The initial waterbar should be constructed at the top of the backslope. Subsequent waterbars should follow the following general spacing guidelines:

Slope (percent)	Spacing Interval (feet)
< 2	200
2 - 4	100
4 - 5	75
> 5	50

Producing Well

1. Landscape those areas not required for production to the surrounding topography as soon as possible. The fluids and mud must be dry in the reserve pit before re-contouring pit area. The operator will be responsible for re-contouring and reseeding of any subsidence areas that develop from closing a pit before it is completely dry.
2. Reduce the backslope to 2:1 and the foreslope to 3:1, unless otherwise directed by the BLM Authorized Officer. Reduce slopes by pulling fill material up from foreslope into the toe of cut slopes.
3. Production facilities (including dikes) must be placed on the cut portion of the location and a minimum of 15 feet from the toe of the back cut unless otherwise approved by the BLM Authorized Officer.
4. Any spilled or leaked oil, produced water or treatment chemicals must be reported in accordance with NTL-3A and immediately cleaned up in accordance with BLM requirements. This includes clean-up and proper disposition of soils contaminated as a result of such spills/leaks.
5. Distribute stockpiled topsoil evenly over those areas not required for production and reseed as recommended.
6. Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
7. Prior to construction of production facilities not specifically addressed in the APD/POD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.
8. If not already required prior to constructing and drilling the well location, the operator shall immediately upgrade the entire access road to BLM standards (including topsoiling, crowning, ditching, drainage culverts, surfacing, etc.) to ensure safe, environmentally-sound, year-round access. This requirement does not supercede or apply where specific road requirements are addressed in the APD/POD surface use plan (e.g., two track road, spot upgrade, etc.)
9. Waterbars shall be installed on all reclaimed pipeline corridors per the guidelines in D #12.