

United States
Department of the Interior
Bureau of Land Management

Miles City Field Office

Dawson Geophysical
North MB West 3D

Categorical Exclusion (CX)
DOI-BLM-MT-C020-2013-0094-CX

For Further Information Please Contact:

Bureau of Land Management
Miles City Field Office
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Miles City, Montana 59301
406-233-2800

BLM



UNITED STATES DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT (BLM)
Miles City Field Office
111 Garryowen Road
Miles City, Montana 59301

CATEGORICAL EXCLUSION REVIEW AND APPROVAL

A. Background

BLM Office: Miles City Field Office

Lease/Serial/Case File No.: MTM105498

NEPA Number: DOI-BLM-MT-C020-2013-094-CX

Proposed Action Title/Type: Dawson Geophysical/ North MB West 3D/ Geophysical Exploration

Location of Proposed Action:

BLM Lands: With Surface Impacts

Richland County, MT:

T. 26 N., R 54 E.;

Section 17, E $\frac{1}{2}$ SW $\frac{1}{4}$ and SW $\frac{1}{4}$ SW $\frac{1}{4}$ and SW $\frac{1}{4}$ SE $\frac{1}{4}$ (160 acres)

Section 20, NW $\frac{1}{4}$ NE $\frac{1}{4}$ and N $\frac{1}{2}$ NW $\frac{1}{4}$ (120 acres)

T. 26 N., R 53 E.;

Section 29, NW $\frac{1}{4}$ (160 acres)

T. 26 N., R 52 E.;

Section 11, W $\frac{1}{2}$ NE $\frac{1}{4}$ and NW $\frac{1}{4}$ SE $\frac{1}{4}$ and S $\frac{1}{2}$ NW $\frac{1}{4}$ (200 acres)

T. 27 N., R 54 E.;

Section 28, W $\frac{1}{2}$ SW and SE $\frac{1}{4}$ SW $\frac{1}{4}$ (120 acres)

Section 29, W $\frac{1}{2}$ NE $\frac{1}{4}$ and NE $\frac{1}{4}$ NW $\frac{1}{4}$ and N $\frac{1}{2}$ SE $\frac{1}{4}$ (200 acres)

T. 27 N., R 53 E.;

Section 19, W $\frac{1}{2}$ SW $\frac{1}{2}$ and NE $\frac{1}{4}$ SW $\frac{1}{4}$ (140 acres)

Section 28, W $\frac{1}{2}$ NE $\frac{1}{4}$ and NW $\frac{1}{4}$ and W $\frac{1}{2}$ SW $\frac{1}{4}$ and SE $\frac{1}{4}$ SW $\frac{1}{4}$ and SW $\frac{1}{4}$ SE $\frac{1}{4}$ (400 acres)

Section 33, SW $\frac{1}{4}$ SE $\frac{1}{4}$ and N $\frac{1}{2}$ NW $\frac{1}{4}$ and NW $\frac{1}{4}$ NE $\frac{1}{4}$ (160 acres)

T. 27 N., R 52 E.;

Section 24, SE $\frac{1}{4}$ (160 acres)

Section 25, W $\frac{1}{2}$ E $\frac{1}{2}$ and SW $\frac{1}{4}$ and E $\frac{1}{2}$ NW $\frac{1}{4}$ (400 acres)

Operator will avoid 784 acres of BLM lands in the project area

	<u>Acres in Project Area</u>
BLM Acres	3,004
State Acres	3,040
Private Acres	48,812
Total	54,656

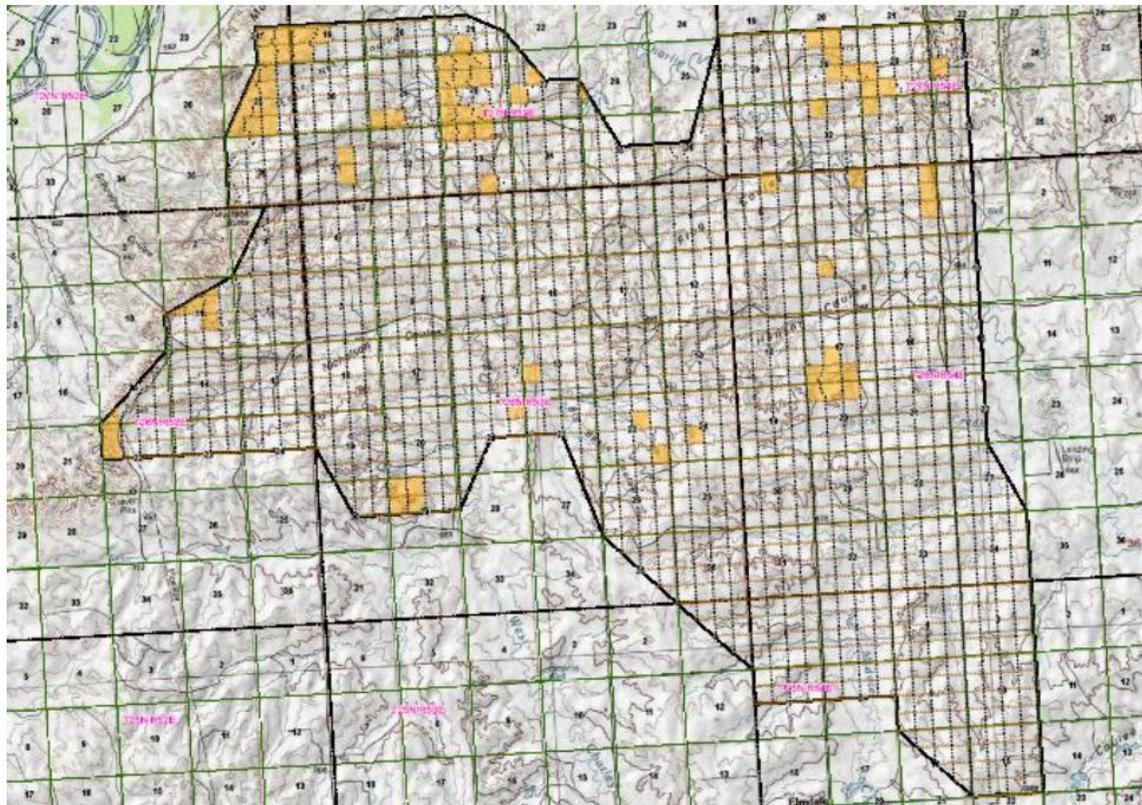
Description of Proposed Action:

Dawson Geophysical has proposed a three-dimensional (3D) geophysical data acquisition project (North MB West 3D) seismic survey to examine the subsurface geological structure below 85.40 square miles or 54,656 acres in Richland County, Montana. The purpose of the 3D seismic survey is to provide a high-resolution image of the subsurface geological features that would allow the proponent to effectively evaluate the hydrocarbon reserves underlying the project area.

The seismic survey project area includes approximately 3,004 acres of BLM surface and would be subject to federal approval authority. The rest of the seismic survey would cross private and state lands, which are not subject to federal approval authority. Table 1 displays details of BLM lands that would be included in the survey.

Table 1. North MB West 3d Approximate BLM Acreage Summary

Description	Acreage	Square Miles	Percent of Project	Source Line Projected impact Acreage @ 10' width	Receiver Line Projected Impact Acreage @ 5' width	Projected "Impact Acreage" Percentage
BLM	3,004	4.7	5.5%	22.8	11.4	1.1



Map 1. Seismic Survey Location for North MB West 3D

OPERATIONS SCHEDULE

North MB West 3D Survey Program
(85.40 square miles)

	<u>Operation</u>	<u>Approximate Commencement Date</u>
Phase I	Surveying and Archeological Inventory	May 1-15, 2013
Phase II	Data Acquisition	June 1-15, 2013
Phase III	Reclamation and Completion	July 15-22, 2013

Dawson Geophysical plans to start surveying in May and recording in June, contingent of wildlife restrictions, weather, agency approvals, and private landowners. The entire project would take approximately 45 days.

The general technique of this type of geophysical exploration project is referred to as the seismic reflection method. This method utilizes an energy source, which sends acoustic energy into the earth. This energy is reflected from subsurface layers and recorded at the surface with instruments (geophones or receivers) used to transform seismic energy into electrical impulses. The data collected is then processed by computer to create an image of the subsurface geology.

Phase I. Survey and Archaeological Inventory:

The initial activity would involve mapping of existing roads, pipelines, oil and gas wells, hazards, and other sensitive areas such as natural, biological, and cultural resources. This will involve 2-4 persons who would conduct field work by vehicle using existing roads and trails. This mapping work would then be captured in GIS. In addition, BLM lands would be inventoried at the Class III (field inspection) level and non-federal lands would be inventoried at the Class I (records search) level. Identified cultural resource sites would be avoided by geophysical activities.

Surveyors would travel through BLM lands on UTV's using existing roads only, then walk in and mark the locations of receiver points/source points with pin flags/lathes. Dawson Geophysical would abide by accepted industry and BLM offset standards when vibrating near cultural objects such as houses, water, oil and gas wells, pipelines, highways, etc., and natural objects such as springs and riparian areas.

Phase II. Data Acquisition:

A crew of approximately seventy-five (75) people would perform operations seven (7) days a week for approximately forty-five (45) days during the recording phase. During the recording phase a minimum of 24 lines of recording equipment, 168 stations long may be active at any given time. The parallel receiver lines are 1,320 feet apart with 220 foot interval between receiver points.

Recording equipment would be deployed primarily by helicopter. Main staging areas with landing zones would be located off BLM lands. The helicopter would move four to six cache bags at a time suspended from a long line. Then lower the bags to the ground and release the bags remotely from the cockpit when the bags are on the ground. One helicopter would be used and would operate only in daylight hours.

Geophones would be laid out by hand around each station in the pre-determined pattern. Each geophone mounted on a four-inch spike would be placed into the soil using foot pressure. Groups of 4 to 6 people would operate at intervals of 2 to 3 miles throughout the project area. Trucks to transport crews would be limited to established roads. All recording equipment layout, maintenance, and retrieval would be by foot on BLM lands.

Source generation and recording would begin shortly after placement of the receiver stations. Buggy mounted vibroseis units that are equipped with low impact or sand tires will operate in an off-set travel pattern rather nose-to-tail. That is, no vibroseis unit may follow in the tracks created by a vibroseis unit ahead of it. All gates on and those that allow access to BLM lands shall be left as they are found (if open, leave open; if closed, leave closed). No fences will be cut or dropped without permission from the BLM authorized officer. When the ground is wet, Dawson Geophysical would not operate vibroseis trucks where rutting is greater than a depth of 4 inches.

Phase III. Cleanup and Completion

As soon as data acquisition is complete, all equipment and survey evidence would be removed by placing it back into the cache bags to be picked up by the helicopter. Upon completion of operations, the operator would file a Notice of Completion (NOC). A final post-work inspection of the site would be conducted and the operator would be notified that the terms and conditions of the Notice of Intent have been met or that additional action is required by the operator. Consent to release the bond or terminate liability would not be granted until the operator has met the terms and conditions of the Notice of Intent.

B. Land Use Plan Conformance

Land Use Plan Name: Big Dry RMP Record of Decision approved in 1996. The proposed action is in conformance with the applicable LUP because it is specifically provided for in the following LUP decision(s): On page 13, the chapter, “When geophysical exploration is allowed, it will follow the procedures and regulations discussed in the “Oil and Gas” section of the Minerals appendix,” [p. 303] which summarizes requirements and procedures in accordance with the Code of Federal Regulations at 43 CFR 3150 and 3151.

C. Compliance with NEPA

The Proposed Action is categorically excluded from further documentation under the National Environmental Policy Act (NEPA) in accordance with Part 516 DM 11.9 B (6), The new CX for approval of Notices of Intent to conduct geophysical exploration of oil, gas or geothermal operations under the regulations at 43 CFR 3150 and 3151 is found at 72 CFR 4 5539, Section 11.9B(6).

This categorical exclusion is appropriate in this situation because there are no extraordinary circumstances potentially having effects that may significantly affect the environment. The proposed action has been reviewed as documented below and none of the extraordinary circumstances described in Part 516 DM 11.9 B (6) apply.

Extraordinary Circumstances		
The project would:		
1. Have significant impacts on public health or safety.		
Yes	No X JAD 4/24/13	Rationale: <i>The Vibroseis project will use sonic waves emitted by vibrator buggies. No explosives will be used in the project. Buildings, pipelines, rough terrain, wetland areas, archeological sites, existing wells, and 350 ft from riparian areas, springs, waterbodies, streams, and wetlands will be avoided. Pickup trucks and mechanical maintenance vehicles will drive on existing roads and meet the Vibroseis vehicles for maintenance and refueling at the intersections, and will not follow along for the entire route of source lines. The project area is located in a sparsely populated area several miles from any municipality.</i>
2. Have significant impacts on such natural resources and unique geographic characteristics as historic or cultural resources; park, recreation or refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (Executive Order 11990); floodplains (Executive Order 11988); national monuments; migratory birds; and other ecologically significant or critical areas.		
Yes	No X JAD 4/24/13	Rationale: <i>BLM lands in the project area do not include any of the listed natural resources. See #9 for potential effects to migratory birds and mitigation measures that would be applied.</i>
3. Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources [NEPA section 102 (2) (E)].		
Yes	No X JAD 4/24/13	Rationale: <i>The potential impacts from the proposed project are not expected to be controversial or involve unresolved conflicts. The potential impacts from the proposed project would be similar to impacts observed and documented from similar geophysical projects conducted in similar environments.</i>
4. Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks.		
Yes	No X JAD 4/24/13	Rationale: <i>The potential impacts from the proposed project are not highly uncertain or involve unique or unknown environmental risks. The potential impacts from the proposed project would be similar to impacts observed and documented from similar geophysical projects conducted in similar environments.</i>

5. Establish a precedent for future action or represent a decision in principal about future actions with potentially significant environmental effects.		
Yes	No X JAD 4/24/13	Rationale: <i>Approval of the proposed action would not set a precedent for future actions or represent a decision in principal about future actions because the geophysical project obtains data. The data may or may not result in other geophysical projects conducted in the same area or the drilling of oil and gas wells in the project area. Any future proposals would be independently analyzed and a potential approval would not be connected to this particular action.</i> <i>Therefore, approval of this action does not represent a decision in principle about any future actions.</i>
6. Have a direct relationship to other actions with individually insignificant but cumulatively significant environmental effects.		
Yes	No X JAD 4/24/13	Rationale: <i>No it does not, see CFR 1508.7. The predominant activities in the general area are agriculture and raising livestock. There is some oil and gas production within a mile of the project area. It cannot be demonstrated that there would be any direct relationship resulting from this project to any other actions that would result in cumulatively significant environmental effects. Any effects such as exhaust and noise will be short term and very temporary. The vibrations will only be locally distributed and noticeable through the ground for a few hundred feet.</i>
7. Have significant impacts on properties listed, or eligible for listing, on the National Register of Historic Places as determined by either the bureau or office.		
Yes	No X <i>Cj</i> 06/28/2013	Rationale: <i>A 100' corridor was inventoried along the proposed source lines and access routes on BLM managed lands. There were five newly recorded cultural sites recorded as part of the Inventory for the proposed project. See conditions of approval Standard 4 and special 10 (See Montana BLM Cultural Resources Report MT-020-13-127).</i>
8. Have significant impacts on species listed, or proposed to be listed, on the List of Endangered or Threatened Species, or have significant impacts on designated Critical Habitat for these species.		
Yes	No X KU 5/23/13	Rationale: <i>BLM Sensitive Species are known to inhabit or frequent the area; however no Threatened or Endangered species or habitat for such is known to exist.</i> <i>Although a portion of the proposed action area is within identified Whooping crane migration corridor, optimal roosting or foraging habitat does not exist on the BLM lands.</i>

9. Violate a Federal law, or a State, local or tribal law or requirement imposed for the protection of the environment.		
Yes	No X KU 5/23/13	Rationale: <i>The analysis of the proposed action has indicated that the project would not violate any Federal law or a State, local or tribal law or requirement imposed for the protection of the environment. Habitat for ground nesting migratory birds is present in the project area. Therefore, measures would be attached to the authorization to mitigate potential impacts to the migratory birds. See attached Conditions of Approval for mitigation measures for effects to migratory bird species in the proposed action area.</i>
10. Have a disproportionately high and adverse effect on low income or minority populations (Executive Order 12898).		
Yes	No X JAD 4/24/13	Rationale: <i>Populations of low income or minority populations (Executive Order 12898) are not present therefore impacts would not occur.</i>
11. Limit access to and ceremonial use of Indian sacred sites on Federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites (Executive Order 13007).		
Yes	No X <i>Cj</i> 06/28/2013	Rationale: <i>The proposed action would not limit access to public lands where it already exists nor would it allow new access where it does not presently exist. Since no surface disturbance is proposed, there would be no impacts to the physical integrity of sites of traditional cultural concern. All newly recorded and previously existing sites were avoided. MT-020-13-127</i>
12. Contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act and Executive Order 13112).		
Yes	No X JAD 4/24/13	Rationale: <i>Introduction as well as spread of noxious weed seeds would be minimal as this project would require the contractor to wash equipment when leaving infested areas and for treating any new infestations that occur within the project area in accordance with the BLM Manual H-3150-1.</i>

Kathy Bockness
Environmental Coordinator

6/28/2013
Date

I have considered the proposed action, the BLM handbook H-3150-1 entitled Onshore Oil and Gas Geophysical Exploration Surface Management Requirements, BLM Standard Terms and Conditions and the Special Conditions of Approval (attached below). I have determined that the use of this CX is appropriate as it is in compliance with the requirements found within Part 516 DM 11.9 B (6), and I have decided to implement this action.

D: Signature

Approved By: Dale Tribby 6/28/2013
Todd D. Yeager Date
Field Manager
Miles City Field Office

Contact Person

For additional information concerning this CX review and decision, contact Jon David, Natural Resource Specialist.

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**Special Conditions of Approval
Applicable to BLM Surface Lands**

1. **Migratory Bird Treaty Act.** The Operator is responsible for compliance with provisions of the this Act by implementing one of the following measures; a) **avoidance by timing**; ground disturbing activities will not occur from April 15 to July 15 or b) **survey-buffer-monitor**; surveys will be conducted within the area of the proposed action. Visible migratory bird nests will be avoided and not disturbed including a 25 foot

buffer from the active nest. If during biological inspection of vibrator routes, grouped occupied bird nests are encountered that would require the vibrator nest avoidance route to carry them outside the previously arched corridor, then an archeologist will be called back to work with the biologist to clear a new arch and biological route around the nest cluster. This is proposed as a case by case solution for the potential isolated problem areas.

Survey reports including dates, species surveyed, nest locations and general habitat descriptions shall be submitted to the BLM-Miles City Field Office.

2. Operations are subject to mitigation measures outlined in the *North MB West Plan of Action for BLM*.

3. The BLM shall be notified at last 3 days and no more than 14 days before entering onto public lands. If conditions have changed, additional terms and conditions may be necessary.

4. All geophysical operations shall be conducted in accordance with BLM Handbook H-3150-1 and Manual (copies attached).

5. Surface disturbance is not allowed. However, if surface disturbance accidentally or unavoidably occurs, the disturbance shall be reclaimed. Contact this office prior to conducting remedial reclamation actions for approval to proceed with reclamation and further instructions.

6. The operator shall adhere to setbacks and buffers as set forth in the BLM Manual H-3150-1 (copy attached) as well as the following table:

Minimum Offset in Feet for Vibrator Truck Operations:

Object	Offset
Riparian areas, springs, waterbodies, streams, and wetlands	350

7. No refueling, overnight parking of vehicles, or staging areas will be located within 500 feet of waterbodies, streams (including intermittent and ephemeral streams), springs, riparian areas, or wetlands.

8. All activities on BLM lands are to be conducted only within the 100' culturally inventoried corridors for each source line accessed through existing roads or private lands. Activities outside of inventory areas will require additional cultural inventory.

**H-3150-1 – ONSHORE OIL AND GAS GEOPHYSICAL EXPLORATION
SURFACE MANAGEMENT REQUIREMENTS (PUBLIC)**

BLM Standard Terms and Conditions

1. The operator shall contact the Field/District Office at least 48 hours prior to the start of the project to schedule a pre-work conference. The crew supervisor and additional crew chiefs (if needed) will attend the pre-work conference to discuss the terms and conditions for this operation.
2. The operator's representative will attend a meeting with the BLM to discuss cultural artifacts and potential penalties for tampering with cultural artifacts. The meeting can be held as part of the pre-work conference.
3. The operator will obtain permission from right-of-way holders prior to drilling and setting charges within authorized limits of the rights-of-way.
4. Existing routes and trails will be used to the maximum extent possible. The heliportable drill or other BLM approved technique will be used on the areas with steep slopes and rough terrain. Attempts to traverse irregular, soft, or steep slopes and terrain by all vehicles and equipment shall be kept to a minimum to avoid excessive rutting, soil erosion, excessive crushing of vegetation, and excessive visual impacts. Vehicular travel along the flagged lines will be kept to a minimum and be in a zigzag pattern between source points to reduce straight line disturbances. This procedure does not apply to vehicles following trails or roads.
5. Vehicular travel shall be suspended when ground conditions are wet enough to cause rutting or other noticeable surface deformation and severe compaction. As a general rule, if vehicles or other project equipment create ruts in excess of four inches deep when traveling cross-country over wet soils, the soil shall be deemed too wet for vehicular use.
6. The staging area(s) will be situated with good, safe access to county roads or state highways. The fuel truck for the helicopter will also be utilized at the staging area(s).
7. The staging area(s) shall be kept clean and free of litter. Appropriate human waste facilities will be provided and properly maintained. Such waste facilities shall be removed from the site upon completion of the project.
8. Roads will not be constructed for geophysical projects authorized under a categorical exclusion.
9. Operators of vehicles and equipment shall be responsible for not damaging fences and keeping gates as found. As a last resort, should a fence be cut for access, that fence must be repaired to former or better condition, after equipment has passed through.
10. Shot holes will be backfilled and plugged, in accordance with state regulations, after they are loaded with the explosive charge. Any cuttings resulting from shot hole drilling and not used in

**H-3150-1 – ONSHORE AND GAS GEOPHYSICAL EXPLORATION
SURFACE MANAGEMENT REQUIREMENTS (PUBLIC)**

backfilling the shot hole will be scattered about the immediate area to blend with natural terrain and reduce visual impacts.

11. Geophysical equipment may encounter congested areas with trees requiring one or more trees to be removed and or limbed. If such action is needed then the tree(s) and or limb(s) shall be less than eight (8) inches at diameter breast height (dbh) or at the base of the branch. Trees to be cut or limbed which are located adjacent to public roads, communities and or public facilities shall be immediately cut into smaller pieces so that it is not aesthetically displeasing and dispersed within the immediate vicinity.

12. Any and all tire tracks one hundred feet (100'), leading away from an established dirt or two-track road situated on public lands, will be hand raked to blend into the surrounding soil surface.

13. If soil is disturbed to the extent that erosion is likely or visual impacts are readily apparent, the disturbed areas will be rehabilitated utilizing the following techniques:

Ruts and vehicle tracks will be filled with soil and/or obliterated by either hand raking or similar method. When completing this work, care will be taken to minimize disturbance to surrounding lands that have not been disturbed. All areas where rehabilitation work is accomplished will be reseeded with the seed mixtures specified below:

Seed Mix

(To be provided by the local BLM Field/District Office.)

The seeded area should be hand raked to assure the seed is covered with approximately ¼ to ½ inch of soil. This seeding should be accomplished during the late fall, in October or November, before moisture conditions become prohibitive.

The seed shall be certified, pure live seed, and seed tags must be available if requested by the authorized officer. Certified weed free seed is to be used to rehabilitate disturbed land.

14. Setbacks and Buffers: the operator will adhere to setbacks or "buffer zones" that are set forth in the following tables.

**H-3150-1 – ONSHORE OIL AND GAS GEOPHYSICAL EXPLORATION
SURFACE MANAGEMENT REQUIREMENTS (PUBLIC)**

**Offset in Feet, from Certain Objects
(based on pounds of explosive charge)**

Object	½ lb	1 lb	2 lbs	3 lbs	5 lbs	6 to 10 lbs	11 to 15 lbs	16 to 20 lbs
Pipeline less than 6" diameter	50'	100'	150'	150'	200'	250'	300'	400'
Pipeline 6" to 12" diameter	75'	150'	200'	200'	300'	400'	500'	600'
Pipeline greater than 12" diameter	100'	200'	250'	250'	300'	500'	600'	800'
Telephone line	20'	20'	30'	40'	40'	50'	50'	50'
Railroad Track or main paved Highway	50'	100'	150'	150'	150'	220'	280'	350'
Electric Powerline (Shot holes not to exceed 200' depth)	75'	100'	200'	200'	200'	200'	250'	300'
Water wells, buildings, underground cistern, and all other similar objects	225'	300'	400'	450'	700'	800'	1000'	1200'
Brick and/or concrete block buildings	275'	400'	500'	600'	800'	1000'	1200'	1500'
Producing oil and gas well	250'	450'	600'	700'	800'	900'	1000'	1000'
Irrigation wells	500'	800'	1000'	1200'	1500'	2000'	2500'	2500'

Minimum Safe Offset In Feet for Vibrator Truck Operations

Structures	Distance (ft)
Residences, Buildings, Concrete Base Structures	300
Water Wells	350
Concrete Water Pipeline	100
PVC/Plastic Water Pipeline	20
Oil or Gas Well	250
Oil or Gas High Pressure Pipelines	30
High Voltage Power Lines	0
Local Transmission Power Lines	0

15. No equipment, only foot traffic laying receiver lines, will be used in swampy/wetland areas.

**H-3150-1 –ONSHORE OIL AND GAS GEOPHYSICAL EXPLORATION
SURFACE MANAGEMENT REQUIREMENTS (PUBLIC)**

16. If any unanticipated prehistoric or historic archaeological sites or paleontological sites are encountered during the geophysical work, the work shall stop and the appropriate BLM archaeologist at the Field/District Office will be contacted. If a site is found, it will be recorded. The BLM will assume responsibility for evaluation and determination of significance, related to the historical or archaeological site. All known cultural resources sites will be avoided. Collection of any cultural or paleontological artifacts, bones or fossils from Federal lands is specifically prohibited.
17. Visible migratory bird nests will be avoided and not disturbed.
18. All equipment will be power washed prior to entering Federal lands to help mitigate the spread of noxious plants.
19. In order to minimize watershed damage and disturbance to game animals utilizing important seasonal wildlife habitat, seismic activity will only be allowed during the period from May 15 to December 15. Exceptions to this limitation may be specifically approved by the authorized officer.
20. When fire conditions reach high, the helicopter, vehicles, and equipment will carry water, shovels, and other fire fighting equipment to extinguish any fires that are accidentally started by the seismic operations.
21. If oil, lubricants and other petroleum or man-made products are accidentally spilled onto the ground surface, the BLM will be contacted and provided specific information about the spill and/or leak. Spills or leaks will be cleaned from the soil and any contaminated material will be bio-remediated or disposed of at an authorized landfill.
22. All flagging, lath, pin flags, and similar materials used in the seismic project will be removed from public land and disposed of at an authorized landfill.
23. All Applicant-Committed Environmental Protection Measures documented in the applicant's NOI will be complied with in addition to these terms and conditions.