

Commissioner of Public Lands State of New Mexico

APPLICATION FOR WATER MONITORING/RECOVERY WELL EASEMENT

| | | | Easement #. W- |
|-----------------|------------|--|--|
| | | | (For use of NMSLO |
| 1. APPI | LICANT | INFORMATION | |
| I | | hereby submit this application | for a Water Monitoring Easement under th |
| laws of the Sta | ate of Ne | w Mexico and rules and regulations of th | e State Land Office, for a term of five |
| years. I subm | it this ap | plication: | |
| | | for myself, as Applicant. | |
| | | OR | |
| | | on behalf of the Applicant, as Applican | |
| | _ | sentative represents and warrants that he | • |
| | capacı | ty to submit this application for Water Ea | asement on behalf of the Applicant: |
| | | | |
| | | Signature | Date |
| | | Signature | Bute |
| Applicant's na | ame (indi | ividual or business): | |
| Mailing Addr | ess: | | |
| Billing Addre | ss: | | |
| Phone: | | Email: | |
| | | | |
| Representativ | e's name | : | |
| Relationship t | o Applic | ant: | |
| Mailing Addr | ess: | | |
| | | Email: | |
| Applicant is: | | an individual resident of the State of | |
| Applicant is. | | OR | - |
| | | a business that has a home office in the | State of |
| | | and is authorized to do business in the | |
| | | and is desired to do outsidess in the c | |
| | | (partnership, corporation, other | ··) |

2. LOCATION(S) OF REQUESTED EASEMENT

| Please provide the following information about the location(s) of the state trust land where the easement | is |
|---|----|
| requested (you may use more than one line but the land described must be contiguous): | |

| | • | | | C , | |
|----------------------|---------------|------------------|---------------------|---------------------------|-------------------|
| County: | | | | | |
| Quarter-Quarter | Section | Township | Range | Lat/Long | # of wells |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Provide driving di | rections to 1 | the well sites: | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 3. WELL(S) | | | | | |
| | | | | ssociated with this appli | cation. Attach an |
| Exhibit list on an a | ıdditional p | age if necessary | /: | | |
| | | New Well(s) or | n State Trust Lands | Existing Well(s) or | a State Trust |
| | | | | Lands* | |
| NM OSE well nun | nber if | | | | |
| available | | | | | |
| Well location (lat/ | long) | | | | |

| | New Well(s) on State Trust Lands | Existing Well(s) on State Trust Lands* |
|--------------------------|----------------------------------|--|
| NM OSE well number if | | |
| available | | |
| Well location (lat/long) | | |
| Name of water-bearing | | |
| formation | | |
| Depth of well | | |
| Depth to water table | | |
| Date of drilling | | |

^{*}Please provide the OCD Incident number, RP # or the AP# associated with the project delineation and monitoring effort, and the year the release occurred or was reported if applicable.

4. OSE WELL FILE INFORMATION

Please provide the following information about <u>Office of the State Engineer well files</u> associated with this easement, if any. Attach additional pages if necessary:

| | New Appropriation on location of requested easement on state trust land | Existing Appropriation on location of requested easement on state trust land |
|--|---|--|
| NM OSE water right file number | | |
| Name of water right holder of record | | |
| Total acre-feet/year of OSE-granted (or applied for) water right | | |
| Acre-feet/year requested under this easement | | |
| OSE permitted point(s) of diversion | | |
| OSE permitted purpose(s) of use | | |
| Purpose(s) of use requested under this easement | | |
| OSE permitted place(s) of use | | |
| Please list all existing and planned wells, equipment and other improvements associated with the open within the boundaries of the easement during the | ration of this water easeme | _ |
| 6. CULTURAL RESOURCE PROTECT Parties are expected to review and abide by properties, including the Cultural Properties Prof | the laws and rules related tection Rule (19.2.24 NM | AC). Please indicate whether yo |
| have signed the enclosed Acknowledgment Form | | Yes No |
| The NMSLO Cultural Resources Cover Sheet (E archaeological consultant is attached to your app | | |
| an ARMS Inspection □ or an Archaeological (see 19.2.24.9 & 19.2.24.10 NMAC for exception ARMS inspection or survey). | Survey ☐ has been conns of certain categories of | 1 0 |
| Does your project involve federal or other state a | igencies? | Yes No |

In addition to complying with the requirements of the Cultural Properties Protection Rule, parties also must comply with all other applicable state and federal laws and rules, including laws and rules pertaining to endangered and threatened species and habitat protection.

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|---|------|-------|-----|-----|----|
| | 1714 | - I A | | | |

| coordinates, kml/kmz files or georeferenced Autoo Digital files are required with all applications that If the State Land Office has detailed and accur- on file there is no need to re-supply this inform | include access roads and facilities for your project. ate location information about this Easement already ation. If you do not have digital files for the requested ped the project location plat. If you already have digital |
|---|--|
| Digital Files Custodian-Name if other than the | e applicant: |
| Email: | Phone Number: |
| 8. BOND INFORMATION The following bond is enclosed to cover paysimprovements of a surface lessee and performance | ment for damages that might occur to the state land e under the easement contract: |
| □ \$1,000.00 bond for every 1-3 wells. | Bond # |
| -Or- | |
| ☐ Bonding requirements have been met. Sur | rety Bond on file. Bond # |
| 9. FEES Please submit the following fees with this ap | pplication: |
| Application Fee: | \$250.00 |
| Monitoring Well Annual Rent(s) | |
| Number of monitoring wells requ | ested X \$500:00 |
| Recovery Well Annual Rent(s) | |
| Number of recovery wells request | ted X \$1,000.00: |
| | TOTAL FEES SUBMITTED |
| 10. ACKNOWLEDGMENTS | |
| Please initial each statement below: | |
| Applicant or Representative understands i | if the application is not complete it will be rejected and |
| the processing fee is non-refundable. | |
| Applicant or Representative understands a | and agrees that before a Water Easement can be granted, |
| the Applicant must provide a sufficient su | rrety bond to reclaim all surface damages that could result |
| from activities undertaken under this ease | ment. |
| Applicant or Representative understands t | that the State Land Office might require additional |
| information based on this application, and | agrees to provide such additional information as |
| reasonably necessary to complete the appl | lication process. |

| | , do solemnly swear (or affirm) that the above lication are true and correct to the best of my knowledge and |
|---|--|
| hold harmless, indemnify, and defend the Comindividual capacities of and from any and all lia | ide by all laws and regulations of the Land Office and to missioner, his agents and lessees, in their official and ability, claims, losses, or damages arising out of or alleged to ions under any grant made by the Commissioner. |
| statement: I solemnly swear (or affirm) that I have agreements of this Paragraph, and that Applicate and to abide by all laws and regulations of the I Commissioner, his agents and lessees, in their commissioners, his agents and lessees. | ve advised the Applicant of the acknowledgements and int covenants and agrees to the statements in this Paragraph, Land Office and to hold harmless, indemnify, and defend the official and individual capacities of and from any and all of or alleged to arise out of or indirectly connected with issioner. |
| Signed: | |
| ACKNOWLEDGMENT B | Y APPLICANT'S REPRESENTATIVE |
| State of) State of) Ss. County of) | |
| This instrument was acknowledged bet | fore on (date) by (printed name) as (title) of (party on behalf of whom instrument is executed). |
| (seal) | (Signature of notarial officer) |
| | My commission expires: |
| | |
| Please make your payment to: | |
| New Mexico Commissioner of Public Lands Oil, Gas and Minerals/Water Bureau 310 Old Santa Fe Trail P.O. Box 1148 Santa Fe, NM 87504-1148 | |

^{*}When you provide a check as payment, you authorize the State of New Mexico to either use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction.



Stephanie Garcia Richard, Commissioner of Public Lands State of New Mexico

CULTURAL PROPERTIES PROTECTION ACKNOWLEDGMENT FORM

All lessees, operators, grantees, permittees, and/or applicants (collectively, "Parties") requesting any authorization from the Commissioner of Public Lands, or conducting any project or activity on state trust land, are expected to review and abide by all applicable laws and rules related to the protection of cultural properties on state land, including the New Mexico State Land Office's ("NMSLO") Cultural Properties Protection Rule, 19.2.24 NMAC. The Cultural Properties Protection Rule can be viewed at https://www.nmstatelands.org/culturalproperties/.

Parties conducting surface-disturbing activity on state trust land must follow the procedures and timelines outlined in 19.2.24.8 NMAC. To minimize processing delays, Parties are strongly encouraged to supply NMSLO with appropriate documentation as early as possible pursuant to 19.2.24.8 (C), (D), (E) & (F) NMAC. Parties are advised to always exercise due caution to ensure that cultural properties on state trust land are not inadvertently excavated, disturbed, dislodged, damaged, destroyed, or removed by any person, pursuant to the Cultural Properties Protection Rule, 19.2.24.8 (A) NMAC and Section 18-6-9 (A) and (B), NMSA 1978.

By signing this acknowledgment form, Parties affirm that they have read this document, including the accompanying Instructions for Compliance, and have reviewed and agree to comply with NMSLO's Cultural Properties Protection Rule. If a Party is other than a natural person, the individual signing below attests that they have the authority to execute this acknowledgment on behalf of and bind that Party.

| Type and Number of Instrument (Lease Number): | |
|---|----------------------|
| (Required for Oil & Gas Leases-eg. VB06320001; inclu | ude if available for |
| other leases: Business, Renewables, Minerals, Water Br | ureau, ROW or |
| Agricultural leases-eg. BL05220001, GR0232, R40893 | , SW0520, HA0102) |
| Name of Party (Company Name, if applicable): | |
| Name of Signatory (Person Signing): | |
| Relationship to Party/Title (position): | |
| (eg. lessee, operator, grantee, applicant, self or other) | |
| Phone Number: | Email Address: |
| | |
| Signature : | Date |

INSTRUCTIONS FOR COMPLIANCE Cultural Properties Protection Rule (19.2.24 NMAC)

The following instructions apply to all lessees, operators, grantees, permittees, and/or applicants (collectively, "Parties") that intend to conduct new surface disturbing activities on state trust lands. The instructions provide additional guidance for fulfilling the requirements of NMSLO's Cultural Properties Protection Rule. A copy of the Cultural Properties Protection Rule can be found at https://www.nmstatelands.org/culturalproperties/.

We thank you in advance for your commitment to protecting New Mexico's past and living history. NMSLO encourages all Parties to provide current and accurate documentation as early as possible to minimize processing delays.

Please do not hesitate to reach out to the Cultural Resources Office at croinfo@nmslo.gov should you have any questions after reviewing these instructions or with NMSLO's cultural properties review process.

- Part I: Archaeological Records Management Section (ARMS) Inspection (Records Review)
 1. The ARMS inspection is a records review and should comply with the pre-field requirements of
 4.10.15.9 NMAC. An ARMS inspection must be conducted prior to any new surface-disturbing
 activities, in compliance with 19.2.24.8 (C) NMAC. The specific timing of when an ARMS inspection
 is required depends on the category of activity, as described in 19.2.24.8 (E) NMAC. The Cultural
 Properties Protection Rule provides exceptions for certain categories of activity that do not require an
 ARMS inspection or survey; see 19.2.24.9 NMAC and 19.2.24.10 NMAC.
- 2. Parties are expected to engage a permitted archaeologist to conduct the initial ARMS inspection. Permitted archaeologists are referred to in these Instructions as "archaeological consultants." Only ARMS inspections from archaeological consultants will be accepted. The list of archaeological consultants in New Mexico is available at http://www.nmhistoricpreservation.org/documents/consultants.html. Scroll down past the headings for "Archaeological Permits" and "Official Scenic Markers" to "Preservation Consultants." Click on the pdf document titled "Cultural Resource Consultants." The list is updated regularly and arranged by county of location. Because costs vary, the NMSLO encourages Parties to contact more than one archaeological consultant.
- 3. The Party must provide the archaeological consultant with all relevant supporting documentation. This may include a description of the project, cadastral plats, and location information in digital form (ArcGIS shape files, kml/kmz format, GPS coordinates, CAD drawings, plats, or accurate depictions on USGS 1:24000 quadrangles).
- 4. The archaeological consultant will conduct an ARMS inspection of the entire area of potential effect (APE). Based on the ARMS inspection, the findings will be summarized into one of three results as indicated on the NMSLO Cultural Resources Cover Sheet ("Cover Sheet"). The Cover Sheet is a fillable PDF form (available from the Web Portal and also from NMSLO's website and Cultural Resources Office):
 - (A) ____ The entire area of potential effect or project area has been previously surveyed to current standards and **no** cultural properties were found within the survey area.
 - (B) ____ The entire area of potential effect or project area has been previously surveyed to current standards and cultural properties were found within the survey area.
 - (C) ____ The entire area of potential effect or project area has **not** been previously surveyed or has not been surveyed to current standards. A complete archaeological survey must be conducted and submitted for review.
- 5. If the ARMS inspection indicates that the entire APE has been previously surveyed and no cultural properties were located (**result A above**), NMSLO's Cultural Resources Office and the relevant leasing division (e.g. Water Bureau, Minerals; Agricultural Leasing; Business Leasing, Renewable Energy, Rights-of-Way, etc.) will complete the process of review and approval. In the case of oil and gas lease projects, once the Cultural Resources Office reviews and approves the ARMS inspection

- results, no further archaeological review is required and the project may proceed.
- 6. For the ARMS Review (**result A above**), the archaeological consultant will complete and submit the ARMS Inspection/Desktop Review web form on the Cultural Compliance Web Portal (Web Portal), available at http://culturalcompliance.nmstatelands.org/. NMSLO's Cultural Resources Office will have immediate access to the submitted web form and accompanying documents.
- 7. If the ARMS inspection result indicates a previous survey showing the presence of cultural properties within the APE (**result B above**), the Party must propose avoidance and protection measures for the project as designed in collaboration with their archaeological consultant.
- 8. If the ARMS inspection shows that the entire APE has **not** been subject to archaeological survey or to a current standards survey (**result C above**), a complete archaeological survey must be conducted. The new survey need not include areas already subjected to acceptable surveys. See continued instructions below, Part II.
- 9. Because specific locational information of cultural properties that may be contained in an ARMS inspection or archaeological survey is confidential under New Mexico law (see Cultural Properties Act, Section 18-6-11.1, NMSA 1978, and Section 19-1-2.1, NMSA 1978), Parties should expect to receive a copy only of the Cover Sheet from their archaeological consultant, and should forward the Cover Sheet to the appropriate NMLSO leasing division with their application.
- 10. Parties conducting project activities on state land under oil and gas leases, like other Parties, will receive a copy of the Cover Sheet from their archaeological consultant. To provide information on their upcoming projects on state land, Parties will then fill in the Oil and Gas Project Description Web Form at http://culturalcompliance.nmstatelands.org/ and will submit, along with the Cover Sheet, any necessary documentation for cultural compliance review pursuant 19.2.24.8 (E)(3) NMAC. Only onlease oil and gas projects with activities that are not included in any other lease application at NMSLO (eg. Business or Right of Way) should utilize the Web Portal.

Part II: Archaeological Surveys and Compliance Measures

- 1. If the ARMS inspection, in compliance with 19.2.24.8 NMAC, indicates that the entire APE has not been subject to archaeological survey (see Part I, Para. 4, **result C**), a complete archaeological survey must be conducted to current standards in compliance with 4.10.15 NMAC. The new survey need not include areas already subjected to acceptable surveys.
- 2. In compliance with 19.2.24.8 (F) NMAC, at least 15 calendar days prior to any survey activities, the archaeological consultant should fill in and submit a Notification of Intent to Conduct an Archaeological Survey through the Web Portal at http://culturalcompliance.nmstatelands.org/.
- 3. Only archaeological surveys from archaeological consultants will be accepted and must be conducted under current standards in compliance with 4.10.15 NMAC. Information on how to access the list of archaeological consultants is listed in Part I, Para. 2 above. NMSLO encourages Parties to contact more than one archaeological consultant in your location as proximity will be a factor in estimated costs of an archaeological survey.
- 4. Parties will be expected to design their project to avoid any cultural properties identified within the APE (as recorded on the Cover Sheet in Part I, Para. 4, **result B**) by the archaeological survey obtained in conjunction with a project or by pre-existing surveys, or provide other mitigation measures in collaboration with their archaeological consultant. Parties are encouraged to provide NMSLO with appropriate current and accurate documentation of the proposed activity as early as possible (preferably at least sixty calendar days prior to any surface disturbing activity) to minimize processing delays and ensure implementation of avoidance and protection measures.
 - a. Pursuant to the Cultural Properties Protection Rule, 19.2.24.12 (A) NMAC, if any Party becomes aware of actual or imminent damage to cultural properties on state trust lands where that Party is conducting activities, that Party shall immediately notify NMSLO and suspend project activities in the immediate area of the damage or the threatened cultural property. Activities shall remain suspended until the State Historic Preservation Officer

- and NMSLO approve resumption of activities.
- b. A Party that damages cultural properties on state trust land is responsible for the cost of an archaeological damage assessment, plus the remediation value of the affected cultural property as determined by that damage assessment. In addition, the Commissioner of Public Lands may file an action to recover an amount equal to twice the cost of restoration, stabilization, and interpretation of the damaged cultural property, in accordance with the Cultural Properties Act, Section 18-6-11.2(C), NMSA 1978.
- 5. The archaeological consultant, upon completion of the survey report, should submit the fillable, completed Cover Sheet to croinfo@nmslo.gov with any relevant questions.

 Pursuant to the requirements of 4.10.8.18 NMAC, the Cultural Resources Office will review a complete copy of the survey report, its findings and any required compliance (avoidance or mitigation) measures and recommend revisions, if applicable. The Cultural Resources Office will provide further guidance on how archaeological consultants should submit complete survey reports and any required compliance measures for review.

 The Cultural Resources Office additionally may request electronic files of survey report(s) sites.
 - The Cultural Resources Office additionally may request electronic files of survey report(s), sites, location of findings, or survey areas in order to complete its review, all of which should be sent to croinfo@nmslo.gov.
- 6. The complete results of an archaeological survey are confidential under New Mexico law (see Cultural Properties Act, Section 18-6-11.1, NMSA 1978, and Section 19-1-2.1, NMSA 1978).
 - a. Upon approval of the final archaeological survey report and its findings/recommendations, the archaeological consultant will upload the final archaeological report along with all supporting documentation to the New Mexico Cultural Resources Information System (NMCRIS). Parties should expect to receive a copy of the Cover Sheet from their archaeological consultant, and should forward it to the appropriate leasing division with their application.
 - b. In the case of oil and gas leases only, Parties themselves will upload the Cover Sheet along with their Project Description Web Form documentation submitted via the Web Portal at http://culturalcompliance.nmstatelands.org/.
- 7. The website http://nmstatelands.org/cultural-resources-office/ contains a list of State Trust Land Archaeologists within NMSLO's Cultural Resources Office (along with related contact info) to whom questions can be addressed.
- 8. Below is a list of useful links, emails, and phone numbers:
 - a. Cultural Compliance Portal: http://culturalcompliance.nmstatelands.org
 - b. Cultural Resources Office Website: http://www.nmstatelands.org/cultural-resources-office/
 - c. Cultural Properties Protection Rule and FAQs: http://www.nmstatelands.org/culturalproperties/
 - d. Historic Preservation Division-List of Archaeological consultants: http://www.nmhistoricpreservation.org/documents/consultants.html
 - e. Inquiries to the Cultural Resources Office: croinfo@nmslo.gov
 - f. Main New Mexico State Land Office phone number: 505-827-5760



Stephanie Garcia Richard, Commissioner of Public Lands State of New Mexico

NM SLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

| Exhibit Type (selec | t one) | (if applicable) | |
|---|---|--|---------------------------------|
| ARMS Insp | ection/Review - Summarize the | e results (select one): | |
| (B) | current standards and no cult The entire area of potential eff current standards and cultural The entire area of potential eff | fect or project area has been previously surveyed ural properties were found within the survey are fect or project area has been previously surveyed I properties were found within the survey area. fect or project area has not been previously survent standards. A complete archaeological survey review. | ea. d to e y ed or |
| Archaeolog | gical Survey | | |
| Findings: | | | |
| ☐ Neg | ative - No further archaeologic | al review is required. | _ |
| Posi | tive - Have avoidance and prote | ection measures been devised? Select one: | |
| Comments: | | | |
| Project Details: | | | |
| NMSLO Lease | Number (if available): | | |
| Cultural Resou | ırces Consultant; | | |
| Project Propor | nent (Applicant): | | |
| Project Title/D | escription: | | |
| Project Locati | on: | | |
| County(ies | s): | | |
| PLSS/Secti | on/Township/Range): | | |
| For NMSLO Agency | Use Only: | | |
| NMSLO Lease N | umber: | Acknowledgment-Only: | |
| Lease Analyst: | | | |
| Date Exhibit Routed to Cultural Resources Office: | | | |

No person may after the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22