

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

APPLICATION FOR AMENDMENT OF WATER EASEMENT

1. APPI	LICANT INFORMATION	
I	hereby submit this application for AMENDMENT of W	Vater Easement
	under the laws of the State of New Mexico and rules and regulations of	the State Land
Office, for a to	erm of five years. I submit this application:	
	for myself, as Applicant.	
	OR	
	on behalf of the Applicant, as Applicant's Representative. By si	
	Representative represents and warrants that he or she is duly authorized	•
	capacity to submit this application for Water Easement on behalf of the	Applicant:
	Signature Date	<u>—</u>
	Signature	
Applicant's na	ame (individual or business):	_
Mailing Addr	ess:	_
	ss	_
	Email:	
Representativo	e's name:	<u> </u>
Relationship t	o Applicant:	_
	ess:	<u> </u>
	Email:	_
Applicant is:	an individual resident of the State of	•
	OR	
	a business that has a home office in the State of	
	and is authorized to do business in the State of New Mexico. Business is	
	(partnership, corporation, ot	her).

•	use more than one	on about the location(s) on the land describe	·	
Quarter-Quarter	Section	Township	Range	# of Acres
3. LOCATIO	N(S) OF PROPOS	SED CHANGE TO TH	E POINT OF DIVE	RSION
Quarter-Quarter	Section	Township	Range	# of Acres
` ′	additional pages if Added N	ew Well(s) on ust Lands Eli W	iminated Existing ell(s)sites on State Ti	
		La	nds*	
NM OSE well numb				
Well location (lat/lo	ng)			
Basin	•			
Name of water-bearing formation	ing			
Depth of well				
Depth to water table	,			
•				
Water quality (TDS)	,			
Water quality (TDS) Screened interval	,			
Screened interval	,			
Screened interval Date of drilling		all(a) located on the W	Votor Engament (the	phongs of purpose
Screened interval Date of drilling Change the of some well(s) wi	purpose of all well require a new V	ell(s) located on the W Vater Easement for the	ose wells) from	

*If you are applying to amend a water easement that was granted for commercial use, please attach the most recent 2 years of well metering data or use history.

5. WATER RIGHTS INFORMATION FOR ADDED WELLS

Please provide the following information about <u>water rights</u> associated with the new wells this amended easement. 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	Transfer In of water rights from another location (e.g., other state trust land, Federal,
NM OSE water right file number(s)			Private)
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			
Point(s) of diversion requested under this easement			
OSE permitted purpose(s) of use			
Purpose(s) of use requested under this easement			
OSE permitted place(s) of use			
Place(s) of use requested under easement (TRS, lot/subdivision OR Unit/Mine name)			
Priority date			
 6. SALE, GIFT, OR TRADE OF Will any or all of the water produced under Yes No 7. USE OF WATER Please indicate all commercial product (or other recipients of the water produce) 	nder this easement be so s) and/or resource(s) that		

8. GRANTEE IMROVEMENTS			
Please list all existing and planned wells, equipment, facilities, infra-	structure, roads	s, power lines, and other	
improvements associated with the operation of this water easement, and that are or will be located within the			
boundaries of the easement during the term applied for herein:			
Existing:			
Planned:			
Trained.			
Please attach a plat map showing the location of existing or plan	ned wells, equ	ipment, facilities,	
infrastructure, roads, power lines, and other improvements liste	d above. Inclu	de well coordinates for	
each well.			
0 DONDS			
9. BONDS Places submit additional superty handing of \$500,00 per wall if additional superty handing s	n a vyalla man tha	State I and Office Oil	
Please submit additional surety bonding of \$500.00 per well if addit Gas and Minerals, Water Fee Schedule.	ig wens per me	e State Land Office Off,	
Gus und Minorais, Water I de Benedare.			
10. CULTURAL RESOURCE PROTECTION			
Parties are expected to review and abide by the laws and rules relate	_		
including the Cultural Properties Protection Rule (19.2.24 NMAC).		•	
the enclosed Acknowledgment Form.		No	
The NMSLO Cultural Resources Cover Sheet (Exhibit) provide	ed to you by the	
archaeological consultant is attached to your application and indicate	es whether:		
an ARMS Inspection or an Archaeological Survey has b	een conducted	for this project.	
(see 19.2.24.9 & 19.2.24.10 NMAC for exceptions of certain category	ries of activity	that do not require an	
ARMS inspection or survey).			
Does your project involve federal or other state agencies?	Yes	No	
In addition to complying with the requirements of the Cultural Prope	erties Protection	n Rule, parties also must	
comply with all other applicable state and federal laws and rules, inc		•	
endangered and threatened species and habitat protection.	S		

11. DIGITAL FILES Digital information of your project's location is required with all applications. Acceptable formats: shapefiles (preferred), gps coordinates, kml/kmz files or georeferenced AutoCAD files. Yes No If you do not have digital files for the requested easement, please contact the surveyor who developed the project location plat for your application. If you already have digital files for the requested easement, please provide the following information:		
D	rigital Files Custodian-Name if other than the applicant:	
Eı	Email: Phone Number:	
12. If you	ADDITIONAL INFORMATION have additional information that you believe is relevant to this app	
13. Please	FEES e submit the following application and annual rental fees with t	
	Non-refundable Application Fee:	\$250
	Additional Monitoring Well Fee(s)	
	Number of monitoring wells requested X \$500):
	Additional Production Well Fee(s)	
	Number of production wells requested X \$1000	:
	TOTAL FEES SUBM	HITTED
14. Please	ACKNOWLEDGEMENTS e initial each statement below: _ Applicant or Representative understands and agrees that before a the Applicant must provide adequate bond to reclaim all surface activities undertaken under this easement. _ Applicant or Representative understands and agrees that if the wa must furnish Commissioner copies of records and such reports ar but not limited to meter readings, well logs, drill cores, OSE filing	damages that could result from atter easement is granted, Applicant ad plats of my operations including, gs, and other data relating to
	geological formations as the Commissioner may reasonably deen the trust lands. Applicant or Representative understands and agrees that Applica Rights Agreement before a Water Easement will be granted; OR Agreement Number, and has reviewed and will Agreement if the Water Easement is granted. Applicant or Representative understands that the State Land Offi information based on this application, and agrees to provide such reasonably necessary to complete the application process.	nt must execute a standard Water Applicant executed Water re-confirm the terms of the Water ce might require additional

I,	, do solemnly swear (or affirm) that the above
statements and answers to questions in this application a	are true and correct to the best of my knowledge and
belief.	
If application is being submitted by Applicant, please i	nitial the following statement:
Applicant covenants and agrees to abide by all	laws and regulations of the Land Office and to hold
harmless, indemnify, and defend the Commissioner, his	agents and lessees, in their official and individual
capacities of and from any and all liability, claims, lossed	es, or damages arising out of or alleged to arise out of
or indirectly connected with operations under any grant	made by the Commissioner.
If application is being submitted by Representative on	Applicant's behalf, please initial the following
statement:	
I solemnly swear (or affirm) that I have advise	d the Applicant of the acknowledgements and
agreements of this Paragraph, and that Applicant coven-	ants and agrees to the statements in this Paragraph,
and to abide by all laws and regulations of the Land Off	ice and to hold harmless, indemnify, and defend the
Commissioner, his agents and lessees, in their official a	nd individual capacities of and from any and all
liability, claims, losses, or damages arising out of or alle	eged to arise out of or indirectly connected with
operations under any grant made by the Commissioner.	
Signed:	
	-
	. 1 4 611
(Grantee signature must be not	arized on the following page)

ACKNOWLEDGMENT BY APPLICANT

State of	
County of) ss.)
This instrument was acknowled	lged before on (date) by (printed name).
(seal)	(Signature of notarial officer)
	My commission expires:
	<u>OR</u>
ACKNOWLEDGM	IENT BY APPLICANT'S REPRESENTATIVE
State of	
County of) ss.)
	lged before on (date) by (title) of name of party on behalf of whom instrument is executed).
(seal)	(Signature of notarial officer)
	My commission expires:
Application Fee \$250.00	
Make check payable to: Commissioner of Public Lands Oil, Gas and Minerals Division/Water Bureau New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe, NM 87501	

*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; include if available for other leases: Business, Renewables, Minerals, Water Bureau, 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):		
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@slo.state.nm.us 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@slo.state.nm.us 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, location of findings, or survey areas in order to complete its review, all of which should be sent to croinfo@slo.state.nm.us.

- 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@slo.state.nm.us
 - f. Main New Mexico State Land Office phone number: 505-827-5760