Form 3160-5 (June 2015)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018 5. Lease Serial No. N0G13121862

SUNDRY NOTICES AND REPORTS ON WELLS

abandoned we	6. If Indian, Allottee EASTERN NA				
SUBMIT IN	ons on page 2		7. If Unit or CA/Agreement, Name and/or No. NMNM135216A		
1. Type of Well		8. Well Name and No W LYBROOK UN			
Oil Well ☐ Gas Well ☐ Oth  2. Name of Operator	THER HUNTINGTON	9. API Well No.			
ENDURING RESOURCES LL			30-045-35810-		
3a. Address 1050 17TH STREET SUITE 2 DENVER, CO 80265		Phone No. (include area code) 505-636-9751		Field and Pool or Exploratory Area     LYBROOK MANCOS W	
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)		11. County or Parish,	11. County or Parish, State	
Sec 23 T23N R9W NWSE 263 36.212399 N Lat, 107.756905			SAN JUAN CO	OUNTY, NM	
12. CHECK THE AI	PPROPRIATE BOX(ES) TO I	NDICATE NATURE OF	NOTICE, REPORT, OR OT	HER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	□ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
_	☐ Alter Casing	☐ Hydraulic Fracturing	□ Reclamation	■ Well Integrity	
Subsequent Report	☐ Casing Repair	■ New Construction	☐ Recomplete	Other	
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	□ Temporarily Abandon		
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		
following completion of the involved testing has been completed. Final At determined that the site is ready for final EQUIPMENT PLACEMENT: Senduring Resources IV, LLC (surface lay-flat pipelines in the Lybrook Unit 720H well pad at Enduring's existing buried pipe action. Lay-flat pipeline will be information page. These surfaction and completion operations in picked-up as needed during in These pipelines would transpolines cross roadways, dual 18 used as casing for the pipeline	SURFACE WATER LINES (Enduring) requests to place due 6,201-foot corridor identified on WLU 2309-24N WRF. These line corridor. No new surface of TETRA Steel lay-flat hose or since pipelines would be temporathe surrounding area as needentermittent completion operation or produced water, recycled wainch or 24-inch culverts would les. Prior to breaking down and	a multiple completion or recorvafter all requirements, including all (2) 12-inch or smaller on the attached map betwee surface lines would be disturbance would result similar. Attached is a product of the duration of activity for the duration of activity for the duration of activity as to not leave them later, and flowback water, be installed within the ro	mpletion in a new interval, a Form 31: ng reclamation, have been completed  temporary veen the W placed within from this duct ve drilling ployed and ay unused. Where surface adway and	60-4 must be filed once	
14. I hereby certify that the foregoing is	Electronic Submission #53189	OURCES LLC, sent to the I	Farmington		
Name (Printed/Typed) HEATHEF	RHUNTINGTON	Title PERMIT	TING TECHNICIAN		
Signature (Electronic S	Submission)	Date 09/28/20	020		
	THIS SPACE FOR FI	EDERAL OR STATE (	OFFICE USE		
_Approved By GARY SMITH		TitleSUPERVIS	ORY NRS	Date 10/22/2020	
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		arrant or et lease	Office Farmington		
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent			willfully to make to any department o	r agency of the United	

# Additional data for EC transaction #531893 that would not fit on the form

### 32. Additional remarks, continued

be pigged multiple times with foam pigs and compressed air. Liquids would be recovered in a facility, recycling containment, or water hauler for reuse or disposal.

This replaces EC# 501032 due to technical issues with previous submission.

### Revisions to Operator-Submitted EC Data for Sundry Notice #531893

**Operator Submitted BLM Revised (AFMSS)** 

OTHER OTHER Sundry Type: SR SR

Lease: N0G13121862 N0G13121862

Agreement: NMNM135216A NMNM135216A (NMNM135216A)

Operator: **ENDURING RESOURCES ENDURING RESOURCES LLC** 200 ENERGY COURT 1050 17TH STREET SUITE 2500

FARMINGTON, NM 87401 Ph: 505-636-9751 DENVER, CO 80265 Ph: 5053868205

**HEATHER HUNTINGTON HEATHER HUNTINGTON** Admin Contact: PERMITTING TECHNICIAN PERMITTING TECHNICIAN

E-Mail: hhuntington@enduringresources.com E-Mail: hhuntington@enduringresources.com

Ph: 505-636-9751 Ph: 505-636-9751

HEATHER HUNTINGTON PERMITTING TECHNICIAN HEATHER HUNTINGTON PERMITTING TECHNICIAN Tech Contact:

E-Mail: hhuntington@enduringresources.com E-Mail: hhuntington@enduringresources.com

Ph: 505-636-9751 Ph: 505-636-9751

Location:

State: NM SAN JUAN

SAN JUAN County:

Field/Pool: LYBROOK MANCOS W LYBROOK MANCOS W

W LYBROOK UT 758H W LYBROOK UNIT 758Y Well/Facility:

Sec 23 T23N R9W NWSE 2633FSL 2101FEL Sec 23 T23N R9W Mer NMP 2633FSL 2101FEL

36.212272 N Lat, 107.756201 W Lon 36.212399 N Lat, 107.756905 W Lon

## **Conditions of Approval**

Operator: Enduring Resources LLC

Well Name: W Lybrook Unit No. 758H and temporary lay flat water pipeline

Legal Location: Twn 23N, Rng 09W, Sec 24,

NEPA Log Number: DOI-BLM-NM-F010-2016-0252-EA

Inspection Date: 03/31/16 Lease Number: NMNM-135216A

The following conditions of approval will apply to Enduring Resource's W Lybrook UT No. 758H lay flat pipeline running to the WLU 2309-24N Water Recycling Facility, unless a particular Surface Managing Agency or private surface owner has supplied to Bureau of Land Management and the operator a contradictory environmental stipulation. The failure of the operator to comply with these requirements may result in an assessment or civil penalties pursuant to 43 CFR 3163.1 or 3163.2.

**Copy of Plans:** A complete copy of the APD and sundry package, including exhibits and the Plan(s) of Operation (if required), shall be at the project area and available to all persons.

**Disclaimers:** BLM's approval of this sundry does not relieve the lessee and operator from obtaining any other authorizations that may be required by the BIA, Navajo Tribe, State or other jurisdictional entities.

#### Site Specific Stipulations

**Noise Sensitive Area:** This well is located within a designated Noise Sensitive Area (NSA). Noise standards of 48.6 dB(A) Leq will be achieved at established agency receptor points. Receptors may vary in size from a single point source to several acres based on the features and resource components that are being managed. The agency will work with the operator to establish the applicable receptor points. If a compressor or pump-jack will be placed on site, a 48.6 dB[A] Leq, or lower, noise level will be enforced at designated receptor points. The operator is required to file a sundry notice within 5 days of prior to setting a compressor or pump-jack on location, if the noise source exceeds the noise standard.

The sundry notice will include information on why the compressor is needed, the estimated time the compressor will be in use, and the manufacturer's data (size of unit, horsepower, model type and type of motor). A 1:24,000 (7.5 minute series) map will be submitted with the sundry. The map will show the proposed compressor location and all noise sensitive areas (fee surface, residences, schools, churches, farms, known ACECs and SMAs, etc.) within a two-mile radius of the well location. In addition, a 24 hour time weighted average background noise survey may be required after the compressor and/or pumping are installed.

#### **General Project Stipulations**

**Construction & Reclamation Notification:** The operator or their contractor will contact the Bureau of Land Management, Farmington Field Office, Environmental Protection Staff, Randy McKee (505) 564-7708 or by email, at least 48 hours prior to any construction or reclamation on this project.

**Best Management Practices:** Farmington Field Office established environmental Best Management Practices (BMP's) will be followed during construction and reclamation of well site pads, access roads, pipeline ties, facility placement or any other surface disturbing activity associated with this project. Bureau wide standard BMP's are found in the Gold Book, Fourth Edition-Revised 2007. Farmington Field Office BMP's are integrated into the general and site specific stipulations described below.

**Acquisition of Water:** Water acquired to construct, produce, and maintain actions authorized by this permit to drill must be acquired from permitted water sources, or water authorized for use by the New Mexico Oil Conservation Division (OCD). Upon request the AO shall be provided with documentation of water sources.

#### Construction

**Staking:** The holder shall place slope stakes, culvert location and grade stakes, and other construction control stakes as deemed necessary by the authorized officer to ensure construction in accordance with the plan of development. If stakes are disturbed, they shall be replaced before proceeding with construction.

**Weather:** No construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support construction equipment. If such equipment creates ruts in excess of 6 inches deep, the soil shall be deemed too wet.

**Contouring of Cut and Fill Slopes:** The interim cut and fill slope shall grade as close to the original contour as possible. To obtain this ratio, pits and slopes shall be back sloped into the pad during interim reclamation. Only subsurface soil and material shall be utilized in the contouring of the cut and fill slopes. Under no circumstances shall topsoil be utilized as substrate material for contouring of cut and fill slopes.

**Stockpile of Soil:** The top 6 inches of soil material will be stripped and stockpiled in the construction zones around the pad. The stockpiled soil will be free of brush and tree limbs, trunks and roots. The stockpiled soil material will be spread on the reclaimed portions of the pad [including the reserve pit, cut and fill slopes] prior to re-seeding. Spreading shall not be done when the ground or topsoil is frozen or wet.

**Facility Layout:** Specific layout of facilities will be deferred until an onsite with BLM-FFO surface protection staff is conducted to determine the best location. Enduring or their contractor will contact the Bureau of Land Management, Farmington Field Office, Environmental Protection Staff, Randy McKee (505) 564-7708 or by email to schedule a facility layout onsite.

Production facilities will be placed to allow for maximum interim reclamation and revegetation of the well location. Production facilities will be clustered to maximize the opportunity for interim reclamation. Production, cathodic equipment, and meter runs associated with pipeline construction will be placed on location near tear drop road as not to interfere with reclaiming the cut and fill slopes to their proper ratio. Gas metering equipment will face to the interior of the well pad to provide easy access to equipment from the driving surface. Production equipment [including any facilities associated with pipeline construction] shall be placed on location as not to interfere with reclaiming the cut and fill slopes to their proper ratio. If equipment is found to interfere with the proper reclamation of the slope, Enduring or their contractor will be required to move the equipment so proper re-contouring can occur. In instances where chain link fences are constructed around the location, the fence will be engineered and constructed so that the interim reclamation, seeded areas and vegetation are not compromised or degraded. Additionally, the enclosed area will not be utilized as a storage facility. Berms or firewalls will be constructed around all storage facilities sufficient in size to contain the storage capacity of tanks, or the combined capacity of tanks if a rupture could drain more than one tank. Berm walls will be compacted with appropriate equipment to assure proper construction. Containment dikes around oil/water facilities will not be constructed with topsoil. Gravel will not be unloaded or relocated into areas where interim reclamation will occur or onto areas where interim reclamation has been completed.

**Storage Tanks:** All open top permanent production or storage tanks regardless of diameter made of fiberglass, steel, or other material used for the containment of oil, condensate, produced water and or other

production waste shall be screened, netted or otherwise covered to protect migratory birds and other wildlife from access.

**Berms:** Berms or firewalls will be constructed around all storage facilities sufficient in size to contain the storage capacity of tanks, or the combined capacity of tanks if a rupture could drain more than one tank. Berm walls will be compacted with appropriate equipment to assure proper construction. Metal containment barriers, used for secondary containment, will be properly installed, per the manufactures directions.

**Compressors:** Compressor units on this well location not equipped with a drip pan for containment of fluids shall be lined with an impervious material at least 8 mils thick and a 12 inch berm. The compressor will be painted to match the well facilities. Any variance to this will be approved by the Authorized Officer (AO). When compressor units are washed, or any other equipment associated with the locations, the fluids (i.e., scrubber cleaners) will be properly disposed of to avoid ground contamination or hazard to livestock or wildlife.

#### **Access Road**

**New & Existing Access:** All sections of the proposed access road associated with this permit shall be sited, designed, constructed, upgraded and maintained utilizing standards, requirements, guidelines and instructions specified in BLM Manual 9113 "Roads", BLM Manual 9113-1" Roads Design Handbook", BLM Manual 9113-2 "Roads National Inventory and Condition Assessment Guidance & Instructions Handbook" and Surface Operations and Guidelines for Oil and Gas Exploration and Development "The Gold Book".

**Culverts:** Culvert(s) of sufficient size (minimum 24 inches) will be placed where needed along the access road, at the well pad entrance and access take off. Silt Traps/Bell Holes will be built upstream of all culvert locations.

**Driving Surface Area:** All activities associated within the construction, operation, maintenance, and abandonment of the well location is limited to areas approved in the APD or ROW permit. During the production of the well, vehicular traffic is limited to the daily driving surface area established during interim reclamation construction operations. This area typically forms a keyhole or teardrop driving surface from which all production facilities may be serviced or inspected. A v-type ditch may be constructed on the outside of the driving surface to further define the driving surface and to deter vehicular traffic from entering onto the interim reclamation areas.

### **Cultural Resources**

**Non-Permitted Disturbance:** Construction, construction maintenance or any other activity outside the areas permitted by the APD will require additional approval and may require a new cultural survey and clearance.

**Employee Education:** All employees of the project, including the Project Sponsor and its contractors and sub-contractors will be informed that cultural sites are to be avoided by all personnel, personal vehicles and company equipment. This includes all personnel associated with construction, use, maintenance and abandonment of the well pad, well facilities, access and pipeline. They will also be notified that it is illegal to collect, damage, or disturb cultural resources, and that such activities are punishable by criminal and or administrative penalties under the provisions of the Archaeological Resources Protection Act (16U.S.C. 470aa-mm).

Discovery of Cultural Resources in the Absence of Monitoring: If, in its operations, operator/holder discovers any previously unidentified historic or prehistoric cultural resources, then work in the vicinity of the discovery will be suspended and the discovery promptly reported to Bureau of Land Management Field Manager. The Bureau of Land Management will then specify what action is to be taken. If there is an approved "discovery plan" in place for the project, then the plan will be executed. In the absence of an approved plan, the Bureau Land Management will evaluate the significance of discovery and consult with the State Historic Preservation Officer in accordance with 36 CFR Section 800.11. Minor recordation, stabilization, or data recovery may be performed by a Bureau of Land Management or permitted cultural resources consultant. If warranted, more extensive treatment by a permitted cultural resources consultant may be required of the operator/holder prior to allowing the project to proceed. Further damage to significant cultural resources will not be allowed until any required treatment is completed. Failure to notify the Bureau of Land Management about a discovery may result in civil or criminal penalties in accordance with the Archeological Resources Protection Act of 1979 (as amended).

Discovery of Cultural Resources during Monitoring: If monitoring confirms the presence of previously unidentified cultural resources, then work in the vicinity of the discovery will be suspended and the monitor will promptly report the discovery to the Bureau of Land Management Field Manager. The Bureau of Land Management will then specify what action is to be taken. If there is an approved "discovery plan" in place for the project, then the plan will be executed. In the absence of an approved plan, the Bureau of Land Management will evaluate the significance of the discovery and consult with the State Historic Preservation Officer in accordance with 36 CFR Section 800.11. A Bureau of Land Management or permitted cultural resources consultant may perform minor recordation, stabilization, or data recovery. If warranted, more extensive treatment by a permitted cultural resources consultant may be required of the operator/holder prior to allowing the project to proceed. Further damage to significant cultural resources will not be allowed until any required treatment is completed.

**Damage to Sites:** If, in its operations, operator/holder damages, or is found to have damaged any previously documented or undocumented historic or prehistoric cultural resources, excluding "discoveries" as noted above, the operator/holder agrees at his/her expense to have a permitted cultural resources consultant prepare and have executed a Bureau of Land Management approved data recovery plan. Damage to cultural resources may result in civil or criminal penalties in accordance with the Archeological Resources Protection Act of 1979 (as amended).

#### **Other Resources**

**Noxious/Invasive Weeds:** Inventory the proposed site for the presence of noxious and invasive weeds. Noxious weeds are those listed on the New Mexico Noxious Weed List and USDA's Federal Noxious Weed List. The New Mexico Noxious Weed List or USDA's Noxious Weed List can be updated at any time and should be regularly check for any changes. Invasive species may or may not be listed as a noxious weed, but have been identified to likely cause economic or environmental harm or harm to human health. The following noxious weeds have been identified as occurring on lands within the boundaries of the Farmington Field Office (FFO). There are numerous invasive species on the FFO such as Russian thistle (*Salsola spp.*) and field bindweed (*Convolvulus arvensis*).

Russian Knapweed (Centaurea repens)	Musk Thistle (Carduss nutans)		
Bull Thistle (Cirsium vulgare)	Canada Thistle (Cirsium arvense)		
Scotch Thistle (Onopordum acanthium)	Hoary Cress (Cardaria draba)		
Perennial Pepperweed (Lepdium latiofolfium)	Halogeton (Halogeton glomeratus)		
Spotted Knapweed (Centaurea maculosa)	Dalmation Toadflax (Linaria genistifolia)		
Yellow Toadflax (Linaria vulgaris)	Camelthorn (Alhagi pseudalhagi)		
African Rue (Penganum harmala)	Salt Cedar (Tamarix spp.)		
Diffuse Knapweed (Centaurea diffusa)	Leafy Spurge (Euphorbia esula)		

- a. Identified weeds will be treated prior to new surface disturbance if determined by the FFO Noxious Weed Coordinator. A Pesticide Use Proposal (PUP) must be submitted to and approved by the FFO Noxious Weed Coordinator prior to application of pesticide. The FFO Noxious Weeds Coordinator (505-564-7600) can provide assistance in the development of the PUP.
- Vehicles and equipment should be inspected and cleaned prior to coming onto the site.
   This is especially important on vehicles from out of state or if coming from a weed-infested site.
- c. Fill dirt or gravel may be needed for excavation, road construction/repair, or as a surfacing material. If fill dirt or gravel will be required, the source shall be noxious weed free and approved by the FFO Noxious Weed Coordinator.
- d. The site shall be monitored for the life of the project for the presence of noxious weeds (includes maintenance and construction activities). If weeds are found the FFO Coordinator shall be notified at (505) 564-7600 and provided with a Weed Management Plan and if necessary, a Pesticide Use Proposal (PUP). The FFO Coordinator can provide assistance developing the Weed Management Plan and/or the Pesticide Use Proposal.
- e. Only pesticides authorized for use on BLM lands would be used and applied by a licensed pesticide applicator. The use of pesticides would comply with federal and state laws and used only in accordance with their registered use and limitations. Enduring's weed-control contractor would contact the BLM-FFO prior to using these chemicals.
- f. Noxious/invasive weed treatments must be reported to the FFO Noxious Weed Coordinator. A Pesticide Use Report (PUR) is required to report any mechanical, chemical, biological or cultural treatments used to eradicate, and/or control noxious or invasive species. Reporting will be required quarterly and annually or per request from the FFO Noxious Weed Coordinator.

**Paleontology:** Any paleontological resource discovered by the Operator, or any person working on his behalf, on public or Federal land shall be immediately reported to the Authorized Officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery will be made by the Authorized Officer to determine appropriate actions to prevent the loss of significant scientific values. The Holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures will be made by the Authorized Officer after consulting with the Holder.

**Migratory Bird:** The BLM/FFO migratory bird policy requires a bird nest survey between May 15-July 31 for any projects that would remove 4.0 or more acres or vegetation. The proposed project is estimated to disturb more than four acres of vegetation, a survey will be required.

**Threatened, Endangered or Sensitive Species:** If, in operations the operator/holder discovers any Threatened, Endangered or Sensitive species, work in the vicinity of the discovery will be suspended and the discovery promptly reported to the Bureau of Land Management T&E specialist @ (505) 599-8900. The Bureau of Land Management will then specify what action is to be taken. Failure to notify the BLM about a discovery may result in civil or criminal penalties in accordance with The Endangered Species Act (as amended).

**Nesting:** If a bird nest containing eggs or young is encountered in the path of construction the operator will cease construction and consult with BLM to determine appropriate actions.

**Air Quality:** All air pollutant emissions from federally conducted or approved activities shall comply with all applicable local, state, tribal, and federal air quality laws, statutes, regulations, standard and implementation plans.

**Emission Control Standard:** Compressor engines 300 horsepower or less used during well production must be rated by the manufacturer as emitting NOx at 2 grams per horsepower hour or less to comply with the New Mexico Environmental Department, Air Quality Bureau's guidance.

**Waste Disposal:** Waste materials produced during all phases of operation will be disposed of promptly in an approved manner so it will not impact the air, soil, water, vegetation or animals. "Waste" means all discarded matter including, but not limited to, human waste, trash, garbage, refuse, oil drums, petroleum products, ashes and equipment. All liquid waste, completion fluids and drilling products associated with oil and gas operations will be removed and deposited in an approved disposal site. Portable toilets will remain on site throughout well pad construction, drilling and reclamation.

 All fluids (i.e., scrubber cleaners) used during washing of production equipment, including compressors, will be properly disposed of to avoid ground contamination or hazard to livestock or wildlife.

Construction sites shall be maintained in a sanitary condition at all times; waste materials at those sites shall be disposed of promptly at an appropriate waste disposal site. "Waste" means all discarded matter including, but not limited to, human waste, trash, garbage, refuse, oil drums, petroleum products, ashes and equipment.

**Land Farming:** No excavation, remediation or closure activities will be authorized without prior approval, on any federal or Indian mineral estate, federal surface or federal ROW. A Sundry Notice (DOI, BLM Form 3160-5) must be submitted with an explanation of the remediation or closure plan for on-lease actions.

#### **Final Reclamation and Abandonment**

The goal of final reclamation of well pad would be to return all disturbed areas associated with the proposed project to pre-construction conditions, if possible, by diminishing the evidence of cuts, fills, and flat surfaces. Portions of the proposed project area that were not fully reclaimed during interim reclamation will be cleared (if vegetated), re-contoured to pre-construction topographical contours, covered with salvaged top soil (6 inches minimum), and seeded with the seed mix outlined in the Bare Soil Reclamation Plan. Sediment- and erosion-control measures will be implemented, as necessary. Water bars will be installed across the roads, and dead-end ditches and earthen barricades or fences will be constructed at the entrance of the reclaimed areas. Measures will be taken to control sedimentation and erosion, as necessary Under the BLM-FFO Bare Soil Reclamation Procedures (BLM 2013b). If, upon abandonment of wells, the retention of access road is not considered necessary for the management and multiple use of the natural resources, it will be restored to the land form prior to existing disturbance and ripped a minimum of 12" in depth. After ripping, water bars will be installed. All ripped surfaces are to be protected from vehicular travel by construction of a dead end ditch and earthen barricade at the entrance to these ripped areas. Re-vegetation of the affected areas will be required and will meet the minimum standards of the FFO Bare Soil Reclamation Plan.