Fom: 3160-5 (June 2015)

OCD Artesia

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

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018

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	Serial		,

	NOTICES AND REPOR		NEO I MINIMINI	48	
Do not use the abandoned we	is form for proposals to d II. Use form 3160-3 (APD	drill or to re-enter an)) for such proposals.	6. If Indian, Allo	ttee or Tribe Name	
SUBMITIN	TRIPLICATE - Other instr	ructions on page 2	7. If Unit or CA/	Agreement, Name and/or No.	
. Type of Well Gas Well GO	ha-		8. Well Name and ROAD RUNN	I No. NER FEDERAL COM 1H	
Name of Operator COG OPERATING LLC		FODD SUTER cho.com	9. API Well No. 30-015-431	33-00-X1	
a. Address 600 W ILLINOIS AVENUE MIDLAND, TX 79701		3b. Phone No. (include area code) Ph: 575-748-1555	10. Field and Po	ol or Exploratory Area 9 996	
Location of Well (Footage, Sec., 7	., R., M., or Survey Description)		11. County or Pa	rish, State Bone Spr.	
Sec 25 T25S R26E SESE 190 32.093925 N Lat, 104.238700			EDDY COL	INTY, NM	
12. CHECK THE A	PPROPRIATE BOX(ES)	FO INDICATE NATURE OF	F NOTICE, REPORT, OR	OTHER DATA	
TYPE OF SUBMISSION		TYPE OF	ACTION		
Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resum	e) 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	•	
I I mai Abandonment Nonce		☐ Plug Back	□ Water Disposal		
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(Instructions on page 2)
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

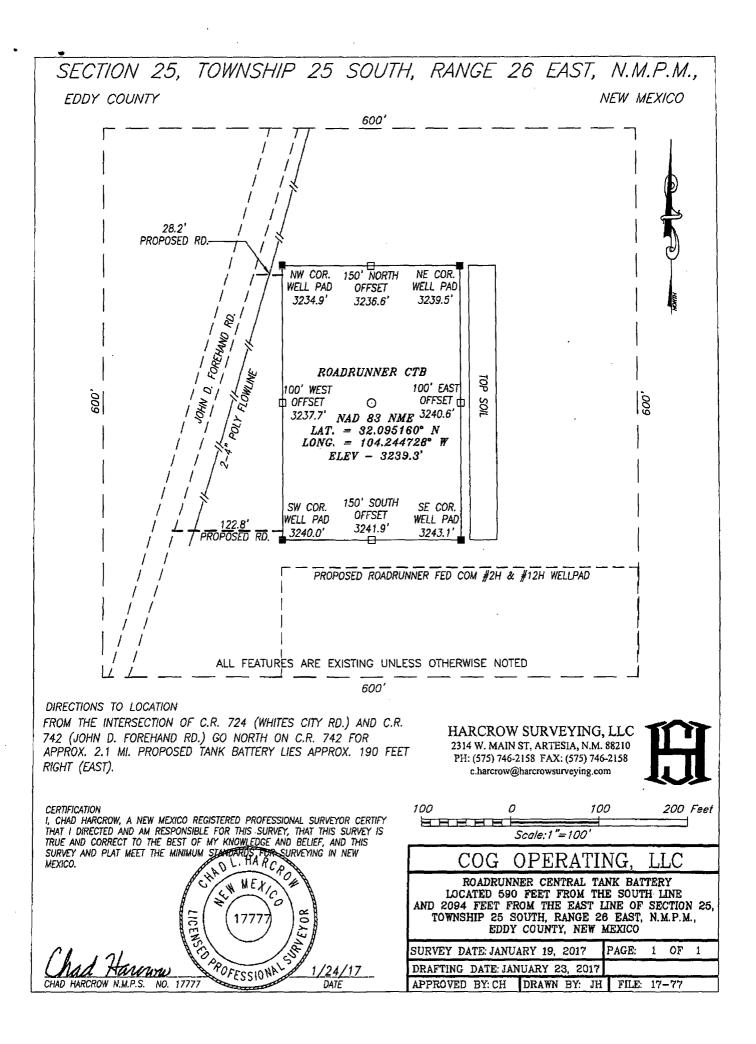
Additional data for EC transaction #364829 that would not fit on the form

32. Additional remarks, continued

separator, and miscellaneous connections, fittings, and piping.

An archaeological MOA contribution has been requested and will be sent to the BLM Carlsbad Field Office as soon as it is received.

See attached plat and maps.



R R 2 2 6 7 E E

MF FROTOSIDED. ROADRUNNER GENURAL VANK EAVUERY

FEFE FROGENIES

> FROFOSED ROLDINGRER FED COLLEGE CERT

LEGEND

● WELL WELLPAD

PROPOSED ROAD

ROADRUNNER CENTRAL TANK BATTERY

SEC: 25 TWP: 25 S. RGE: 26 E. ELEVATION: 3239.3'
STATE: NEW MEXICO COUNTY: EDDY 590' FSL & 2094' FEL
W.O. # 17-77 LEASE: ROADRUNNER FED COM SURVEY: N.M.P.M

0 2,500 FEET
0 0.05 0.1 0.2 Miles 1 IN = 1,000 FT

LOCATION MAP

IMAGERY ROAD

01/23/2017

℁CONCHO

COG OPERATING, LLC

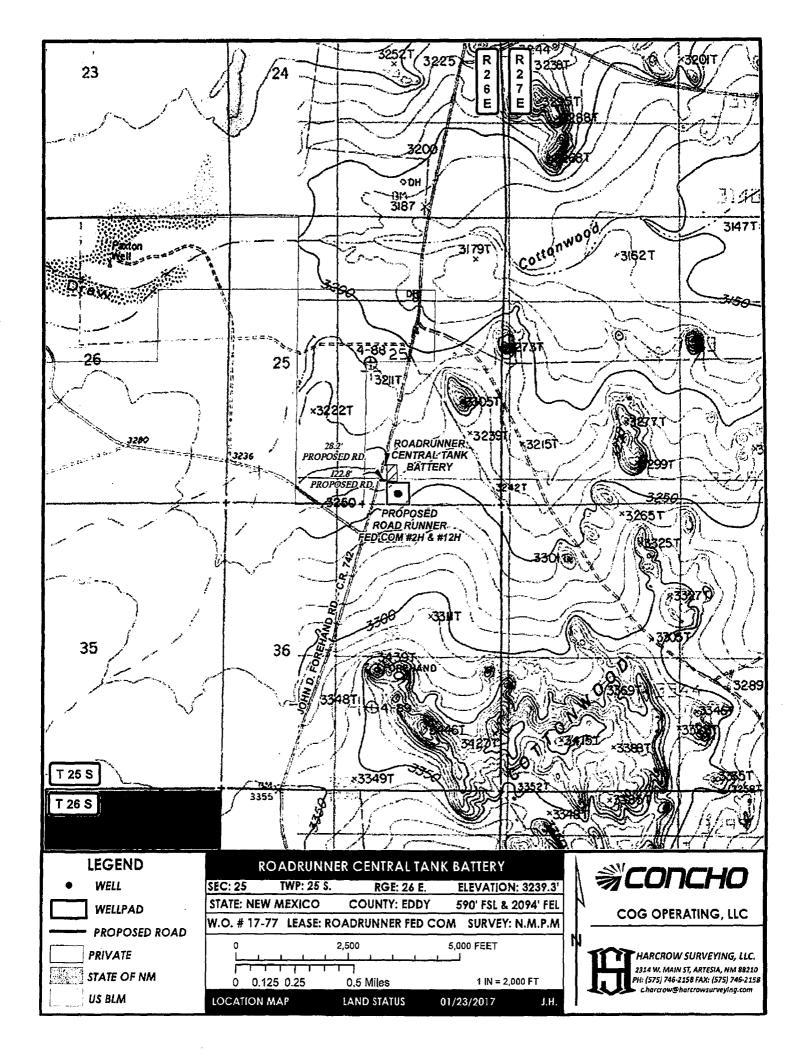


J.H.

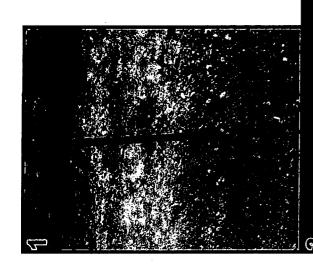
HARCROW SURVEYING, LLC.

2314 W. MAIN ST, ARTESIA, NM 88210
PH: (575) 746-2158 FAX: (575) 746-2158

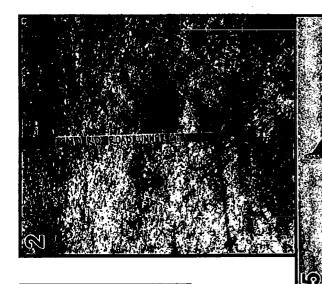
- c.harcrow@harcrowsurveying.com

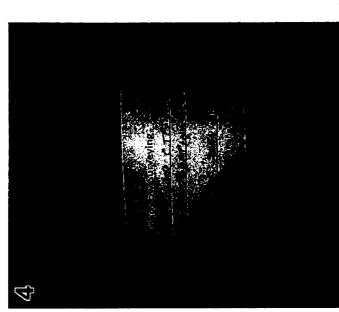


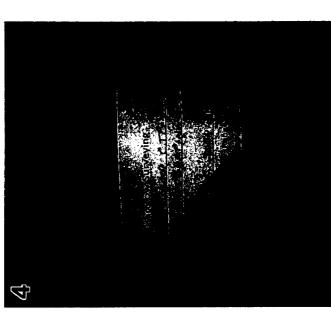
R 2 7 2 6 CENTRAL TANKS . EXTUERY TROPOSED P.D. PAG PROPOSIDED. FROPOSED ROADRUMER GEO COMCENSED T 25 \$ T 26 S **LEGEND** ROADRUNNER CENTRAL TANK BATTERY **℁CONCHO** SEC: 25 TWP: 25 S. RGE: 26 E. **ELEVATION: 3239.3'** STATE: NEW MEXICO **COUNTY: EDDY** 590' FSL & 2094' FEL WELL COG OPERATING, LLC W.O. # 17-77 LEASE: ROADRUNNER FED COM SURVEY: N.M.P.M WELLPAD 2,500 5,000 FEET HARCROW SURVEYING, LLC. PROPOSED ROAD 2314 W. MAIN ST, ARTESIA, NM 88210 PH: (575) 746-2158 FAX: (575) 746-2158 0 0.125 0.25 0.5 Miles 1 IN = 2,000 FT charcrow@harcrowsurveying.com **LOCATION MAP IMAGERY** 01/23/2017 J.H.











ROZDRUNNER





SEC: 23	IWF: 23 3.	KGE: 20 E.	CLEVAL
 STATE: NEW MEXICO	AEXICO	COUNTY: EDDY	590' FSL
 W O #17.77 IFASE	I FASE RO	LEASE: ROADRIINNER FED COM	A SURVE

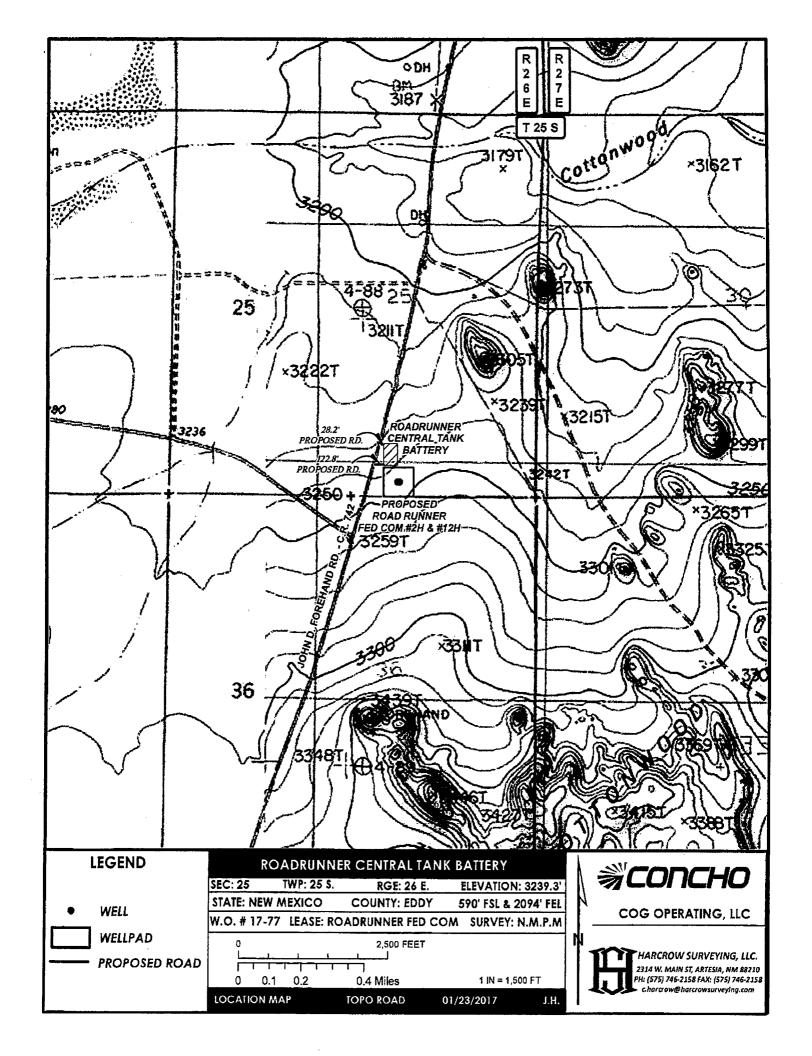
ELEVATION: 3239.3 TEY: N.M.P.M

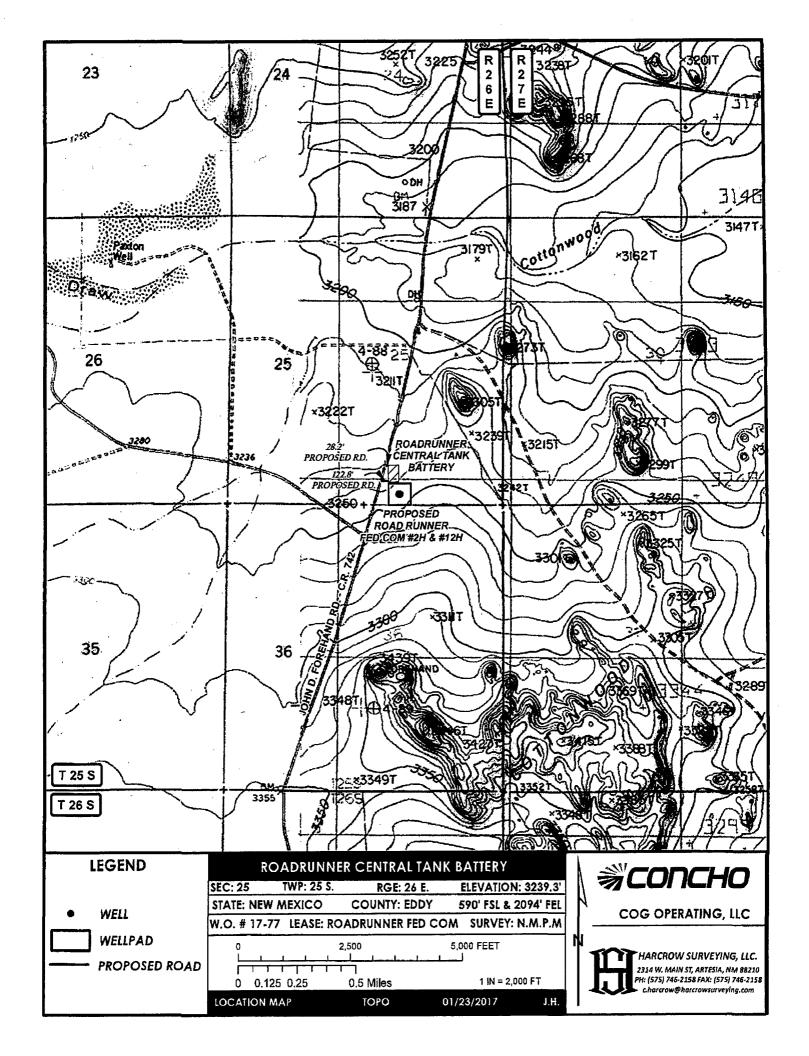
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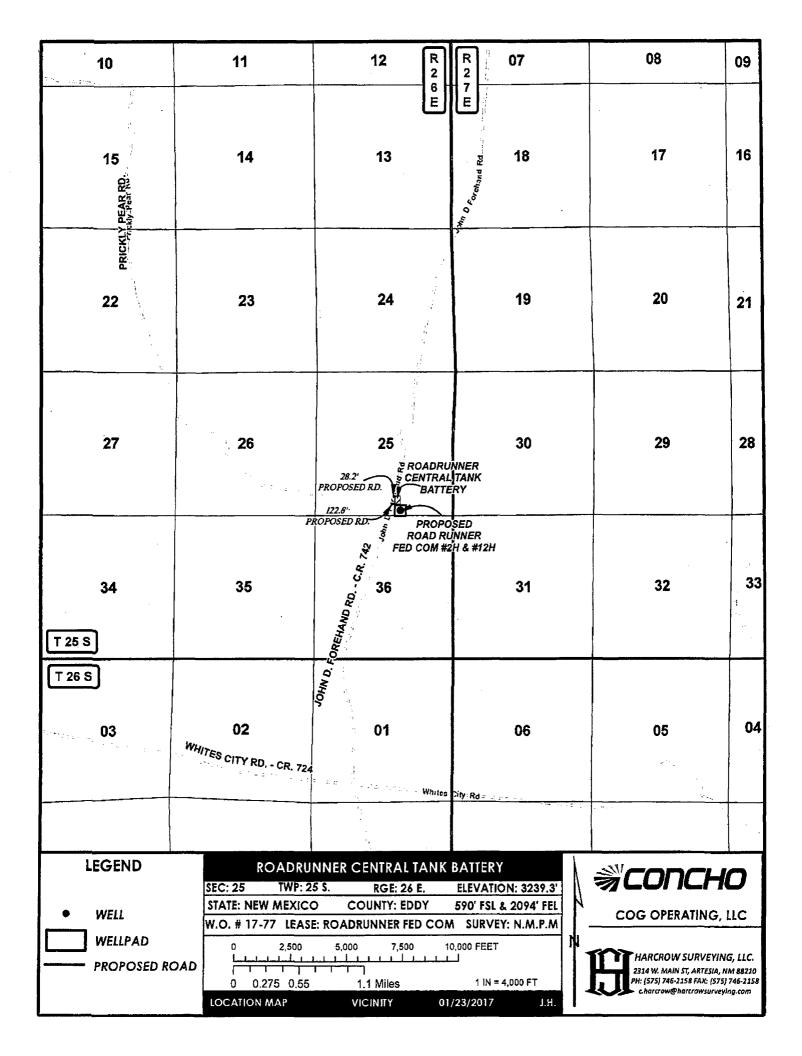
PHOTO SHEET



PH: (575) 746-2158 FAX: (575) 746-2158 2314 W. MAIN ST, ARTESIA, NM 88210 HARCROW SURVEYING, LLC. c.harcrow@harcrowsurveying.com







BLM Lease Number: Company Reference: Well Name & Number:

STANDARD STIPULATIONS FOR OIL AND GAS RELATED SITES

A copy of the application (Grant/Sundry Notice) and attachments, including stipulations and map, will be on location during construction. BLM personnel may request to view a copy of your permit during construction to ensure compliance with all stipulations.

The holder agrees to comply with the following stipulations to the satisfaction of the Authorized Officer, BLM.

- 1. The holder shall indemnify the United States against any liability for damage to life or property arising from the occupancy or use of public lands under this grant and for all response costs, penalties, damages, claims, and other costs arising from the provisions of the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. Chap. 82, Section 6901 et. seq., from the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 U.S.C. Chap. 109, Section 9601 et. seq., and from other applicable environmental statues.
- 2. The holder shall comply with all applicable Federal laws and regulations existing or hereafter enacted or promulgated. In any event, the holder shall comply with the Toxic Substances Control Act of 1976, as amended (15 U.S.C. 2601, et. seq.) with regard to any toxic substances that are used, generated by or stored on the right-of-way or on facilities authorized by this grant. (See 40 CFR, Part 702-799 and especially, provisions on polychlorinated biphenyls, 40 CFR 761.1-761.193.) Additionally, any release of toxic substances (leaks, spills, etc.) in excess of the reportable quantity established by 40 CFR, Part 117 shall be reported as required by the Comprehensive Environmental Response, Compensation and Liability Act, Section 102b. A copy of any report required or requested by any Federal agency or State government as a result of a reportable release or spill of any toxic substances shall be furnished to the Authorized Officer concurrent with the filing of the reports to the involved Federal agency or State government.
- 3. The holder agrees to indemnify the United States against any liability arising from the release of any hazardous substance or hazardous waste (as these terms are defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. 9601, et. seq. or the Resource Conservation and Recovery Act, 42 U.S.C. 6901, et. seq.) on the right-of-way (unless the release or threatened release is wholly unrelated to the right-of-way holder's activity on the right-of-way). This agreement applies without regard to whether a release is caused by the holder, its agent, or unrelated third parties.
- 4. If, during any phase of the construction, operation, maintenance, or termination of the site or related pipeline(s), any oil or other pollutant should be discharged from site facilities, the pipeline(s) or from containers or vehicles impacting Federal lands, the control and total removal, disposal, and cleanup of such oil of other pollutant, wherever found, shall be the responsibility of the holder, regardless of fault. Upon failure of the holder to control, dispose of, or clean up such

discharge on or affecting Federal lands, or to repair all damages to Federal lands resulting therefrom, the Authorized Officer may take such measures as deemed necessary to control and cleanup the discharge and restore the area, including, where appropriate, the aquatic environment and fish and wildlife habitats, at the full expense of the holder. Such action by the Authorized Officer shall not relieve the holder of any liability or responsibility.

- 5. Sites shall be maintained in an orderly, sanitary condition at all times. Waste materials, both liquid and solid, shall be disposed of promptly at an appropriate, authorized waste disposal facility in accordance with all applicable State and Federal laws. "Waste" means all discarded matter including, but not limited to, human waste, trash, garbage, refuse, petroleum products, brines, chemicals, oil drums, ashes, and equipment.
- 6. The operator will notify the Bureau of Land Management (BLM) authorized officer and nearest Fish and Wildlife Service (FWS) Law Enforcement office within 24 hours, if the operator discovers a dead or injured federally protected species (i.e., migratory bird species, bald or golden eagle, or species listed by the FWS as threatened or endangered) in or adjacent to a pit, trench, tank, exhaust stack, or fence. (If the operator is unable to contact the FWS Law Enforcement office, the operator must contact the nearest FWS Ecological Services office.)
- 7. All above-ground structures not subject to safety requirements shall be painted by the holder to blend with the natural color of the landscape. The paint used shall be a color which simulates "Standard Environmental Colors" designated by the Rocky Mountain Five-State Interagency Committee. The color selected for this project is **Shale Green**, Munsell Soil Color Chart Number 5Y 4/2.
- 8. Any cultural and/or paleontological resource (historic or prehistoric site or object) discovered by the holder, or any person working on the holder's behalf, on public or Federal land shall be immediately reported to the Authorized Officer. The 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 cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to the proper mitigation measures will be made by the Authorized Officer after consulting with the holder.
- 9. A sales contract for removal of mineral material (caliche, sand, gravel, fill dirt) from an authorized pit, site, or on location must be obtained from the BLM prior to commencing construction. There are several options available for purchasing mineral material: contact the BLM office (575-234-5972).
- 10. The operator shall be held responsible if noxious weeds become established within the areas of operations. Weed control shall be required on the disturbed land where noxious weeds exist, which includes the roads, pads, associated pipeline corridor, and adjacent land affected by the establishment of weeds due to this action. The operator shall consult with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policies.

11. Once the site is no longer in service or use, the site must undergo final abandonment. At final abandonment, the site and access roads must undergo "final" reclamation so that the character and productivity of the land are restored. Earthwork for final reclamation must be completed within six (6) months of the abandonment of the site. All pads and facility locations and roads must be reclaimed to a satisfactory revegetated, safe, and stable condition, unless an agreement is made with the landowner or BLM to keep the road and/or pad intact. After all disturbed areas have been satisfactorily prepared, these areas need to be revegetated with the seed mixture provided. Seeding should be accomplished by drilling on the contour whenever practical or by other approved methods. Seeding may need to be repeated until revegetation is successful, as determined by the BLM.

Operators shall contact a BLM surface protection specialist prior to surface abandonment operations for site specific objectives (Jim Amos: 575-234-5909).

12.	The holder shall stockpile an	adequ	uate amount of to	psoil where l	blading occurs.	The topsoil
to be	stripped is approximately	_6	inches in depth.	The topsoil	will be segregat	ed from other
spoi	piles. The topsoil will be us	ed for	final reclamation	l.		

13.	The holder	will reseed	all disturb	ed areas.	Seeding	will b	e done	according to	the	attached
see	ding require	ments, using	g the follow	ving seed	l mix.					

() seed mixture 1	() seed mixture 3
() seed mixture 2	() seed mixture 4
() seed mixture 2/LPC	() Aplomado Falcon Mixture

- 14. In those areas where erosion control structures are required to stabilize soil conditions, the holder shall install such structures as are suitable for the specific soil conditions being encountered and which are in accordance with sound management practices. Any earth work will require prior approval by the Authorized Officer.
- 15. Open-topped Tanks The operator will take actions necessary to prevent wildlife and livestock access, including avian wildlife, to all open-topped tanks that contain or have the potential to contain salinity sufficient to cause harm to wildlife or livestock, hydrocarbons, or Resource Conservation and Recovery Act of 1976-exempt hazardous substances. At a minimum, the operator will net, screen, or cover open-topped tanks to exclude wildlife and livestock and prevent mortality. If the operator uses netting, the operator will cover and secure the open portion of the tank to prevent wildlife entry. The operator will net, screen, or cover the tanks until the operator removes the tanks from the location or the tanks no longer contain substances that could be harmful to wildlife or livestock. Use a maximum netting mesh size of 1 ½ inches. The netting must not be in contact with fluids and must not have holes or gaps
- 16. The operator will prevent all hazardous, poisonous, flammable, and toxic substances from coming into contact with soil and water. At a minimum, the operator will install and maintain an impervious secondary containment system for any tank or barrel containing hazardous, poisonous, flammable, or toxic substances sufficient to contain the contents of the tank or barrel and any drips, leaks, and anticipated precipitation. The operator will dispose of fluids within the containment system that do not meet applicable state or U. S. Environmental Protection Agency

livestock water standards in accordance with state law; the operator must not drain the fluids to the soil or ground. The operator will design, construct, and maintain all secondary containment systems to prevent wildlife and livestock exposure to harmful substances. At a minimum, the operator will install effective wildlife and livestock exclosure systems such as fencing, netting, expanded metal mesh, lids, and grate covers. <u>Use a maximum netting mesh size of 1 ½ inches.</u>

- 17. Open-Vent Exhaust Stack Exclosures The operator will construct, modify, equip, and maintain all open-vent exhaust stacks on production equipment to prevent birds and bats from entering, and to discourage perching, roosting, and nesting. (Recommended exclosure structures on open-vent exhaust stacks are in the shape of a cone.) Production equipment includes, but may not be limited to, tanks, heater-treaters, separators, dehydrators, flare stacks, in-line units, and compressor mufflers.
- 18. Containment Structures Proposed production facilities such as storage tanks and other vessels will have a secondary containment structure that is constructed to hold the capacity of 1.5 times the largest tank, plus freeboard to account for precipitation, unless more stringent protective requirements are deemed necessary.
- 19. Special Stipulations:

Cave/Karst Surface Stipulations

Tank Battery Liners and Berms:

Tank battery locations and all facilities will be lined and bermed. A 20 mil permanent liner will be installed with a 4 oz. felt backing (or equivalent) to prevent tears or punctures. Tank battery berms must be large enough to contain 1 ½ times the content of the largest tank.

The entire perimeter of the well pad will be bermed to prevent oil, salt, and other chemical contaminants from leaving the well pad.

- No water flow from the uphill side(s) of the pad shall be allowed to enter the well pad.
- The topsoil stockpile shall be located outside the bermed well pad.
- Topsoil, either from the well pad or surrounding area, shall not be used to construct the berm.
- No storm drains, tubing or openings shall be placed in the berm.
- If fluid collects within the bermed area, the fluid must be vacuumed into a safe container and disposed of properly at a state approved facility.
- The integrity of the berm shall be maintained around the surfaced pad throughout the life of the tank battery.
- Any access road entering the tank battery shall be constructed so that the integrity of the berm height surrounding the battery is not compromised. (Any access road crossing the berm cannot be lower than the berm height.)

Leak Detection System:

A method of detecting leaks is required. The method could incorporate gauges to measure loss, situating values and lines so they can be visually inspected, or installing electronic sensors to alarm when a leak is present. Leak detection plan will be submitted to BLM for approval.

Automatic Shut-off Systems:

Automatic shut off, check values, or similar systems will be installed for pipelines and tanks to minimize the effects of catastrophic line failures used in production or drilling.

Watershed

The entire well pad will be bermed to prevent oil, salt, and other chemical contaminants from leaving the well pad. Topsoil shall not be used to construct the berm. No water flow from the uphill side(s) of the pad shall be allowed to enter the well pad. The berm shall be maintained through the life of the well and after interim reclamation has been completed.

Any water erosion that may occur due to the construction of the well pad during the life of the well will be corrected within two weeks and proper measures will be taken to prevent future erosion.