

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill for or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.  
NMNM120907

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
EIDER FEDERAL 103H9. API Well No.  
30-025-44631-00-X110. Field and Pool or Exploratory Area  
WC025G06S223421L-BONE SPRING11. County or Parish, State  
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
COG PRODUCTION LLCContact: TODD SUTER  
E-Mail: suterconsultants@gmail.com3a. Address  
2208 W MAIN STREET  
ARTESIA, NM 882103b. Phone No. (include area code)  
Ph: 575-748-1555

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 35 T24S R32E SESW 240FSL 2000FWL  
32.167484 N Lat, 103.647522 W Lon**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Right of Way
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COG Operating, LLC respectfully requests authorization to construct and reclaim a temporary access road to the Eider CTB No. 1. The purpose for the temporary access road is the original road will be blocked by, not only fracking and completion crews on the two locations to the west, but the sand trucks will be backed up all the way to the Oria Hwy. and the CTB needs to be completed so we have somewhere to go with the fluids when the first 12 wells are completed and on-line on the two pads to the west. The proposal is to use the west side of the Eider Federal No. 105H well pad, since it is not being drilled at this time, north along the west edge of the pad and at the northwest corner of the location, extend the temporary road 15 ft. north, per BLM archaeologist recommendation to stay in surveyed space. Once here, the temporary road will turn west until it reaches the southeast corner of the Eider CTB No. 1 location. After the frack and completion is done on the first two well pads to the west and the CTB has been completed, the temporary road will be reclaimed, reseeded, and fenced off, until appropriate vegetation has covered road bed and to

See Special Steps Attached

OK Per Bud Bellard Covered under DOT-BLM-NM-Permit-2018-0331

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #436394 verified by the BLM Well Information System  
For COG PRODUCTION LLC, sent to the Hobbs  
Committed to AFMSS for processing by PRISCILLA PEREZ on 09/26/2018 (18PP1953SE)

Name (Printed/Typed) TODD SUTER

Title REGULATORY CONSULTANT

Signature (Electronic Submission)

Date 09/20/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

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.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

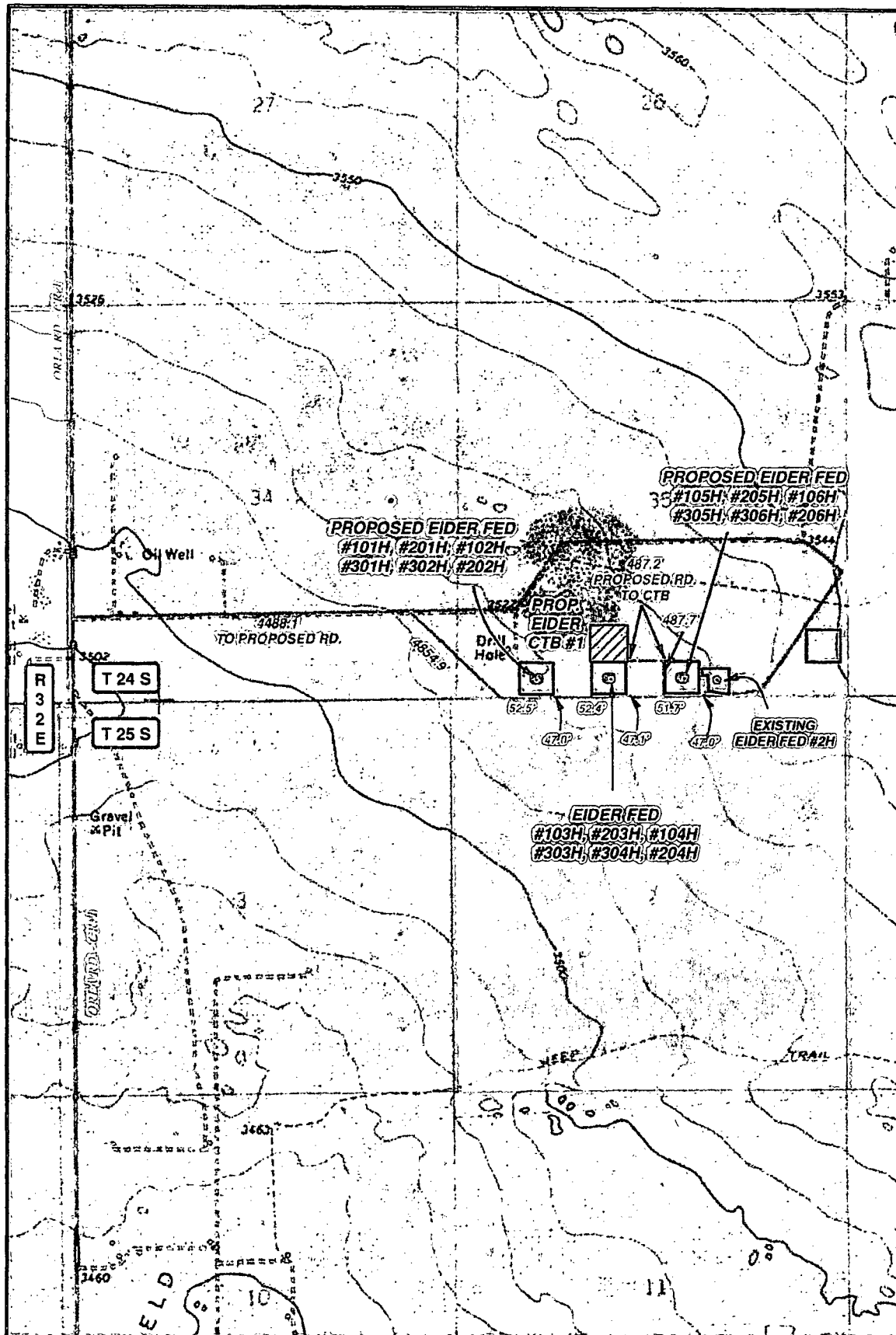
\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

**Additional data for EC transaction #436394 that would not fit on the form**

**32. Additional remarks, continued**

keep vehicles off of area so it will reclaim. The length of the temporary road will be 502.2 ft. X 30 ft. in width for a surface disturbance of 0.35 acre. This includes the 15 ft. to the north.

15' North  
by pad then  
turn west then  
to CTB



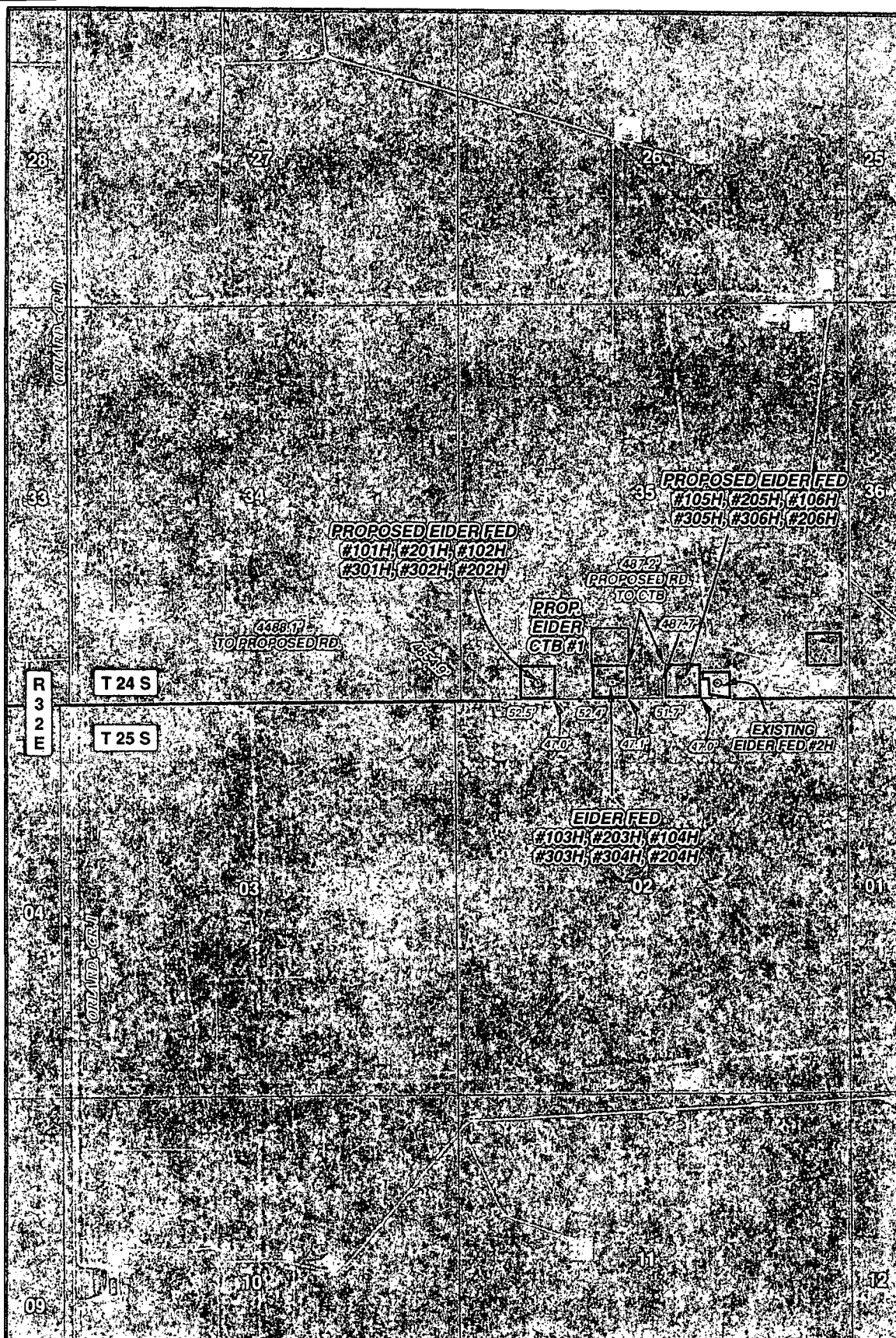
<b>LEGEND</b> WELL WELLPAD EXISTING ROAD PROPOSED ROAD TWO-TRACK ROAD TANK BATTERY PRIVATE STATE OF NM US BLM		<b>EIDER FEDERAL MAIN ROAD WITH LATERALS</b> SECTIONS: 34, 35, & 2    TOWNSHIP: 24 & 25 S.    RANGE: 32 E. STATE: NEW MEXICO    LEASE: EIDER FED    COUNTY: LEA W.O. # 17-1534    SURVEY: N.M.P.M. 0 2,500 FEET 0 0.1 0.2 0.4 Miles    1 IN = 1,500 FT LOCATION MAP    LAND STATUS    9/14/2018    VD		<b>CONCHO</b> COG PRODUCTION, LLC  <b>HARCROW SURVEYING, LLC.</b> 2314 W. MAIN ST. ARTESIA, NM 88210 PH: (575) 746-2158 FAX: (575) 746-2158 TEXAS FIRM NO. 30194089 c.harcrow@harcrowsurveying.com	
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035

PADUCA  
BREAKS NW

EIDER  
FEDERAL  
104H  
EIDER  
FEDERAL 204H

EIDER EIDER  
FEDERAL FEDERAL  
105H 205H  
EIDER EIDER  
FEDERAL 205H  
EIDER  
FEDERAL  
305H



<b>LEGEND</b> WELL WELLPAD EXISTING ROAD PROPOSED ROAD PROPOSED ROAD TANK BATTERY	<b>EIDER FEDERAL MAIN ROAD WITH LATERALS</b> SECTIONS: 34, 35, & 2    TOWNSHIP: 24 & 25 S.    RANGE: 32 E. STATE: NEW MEXICO    LEASE: EIDER FED    COUNTY: LEA W.O. # 17-1534    SURVEY: N.M.P.M.			 <b>CONCHO</b> COG PRODUCTION, LLC   <b>HARCROW SURVEYING, LLC</b> 2314 W. MAIN ST, ARTESIA, NM 88210 PH: (575) 746-2158 FAX: (575) 746-2158 TEXAS FIRM NO. 10194089 c.harcrow@harcrowsurveying.com
	 0 0.1 0.2 0.4 Miles    1 IN = 1,500 FT			
	LOCATION: MAP    IMAGERY    9/14/2018    VD			

## **ON LEASE ACCESS ROADS**

### **Road Width**

The access road shall have a driving surface that creates the smallest possible surface disturbance and does not exceed fourteen (14) feet in width. The maximum width of surface disturbance, when constructing the access road, shall not exceed twenty-five (25) feet.

### **Surfacing**

Surfacing material is not required on the new access road driving surface. If the operator elects to surface the new access road or pad, the surfacing material may be required to be removed at the time of reclamation.

Where possible, no improvements should be made on the unsurfaced access road other than to remove vegetation as necessary, road irregularities, safety issues, or to fill low areas that may sustain standing water.

The Authorized Officer reserves the right to require surfacing of any portion of the access road at any time deemed necessary. Surfacing may be required in the event the road deteriorates, erodes, road traffic increases, or it is determined to be beneficial for future field development. The surfacing depth and type of material will be determined at the time of notification.

### **Crowning**

Crowning shall be done on the access road driving surface. The road crown shall have a grade of approximately 2% (i.e., a 1" crown on a 14' wide road). The road shall conform to Figure 1; cross section and plans for typical road construction.

### **Ditching**

Ditching shall be required on both sides of the road.

### **Turnouts**

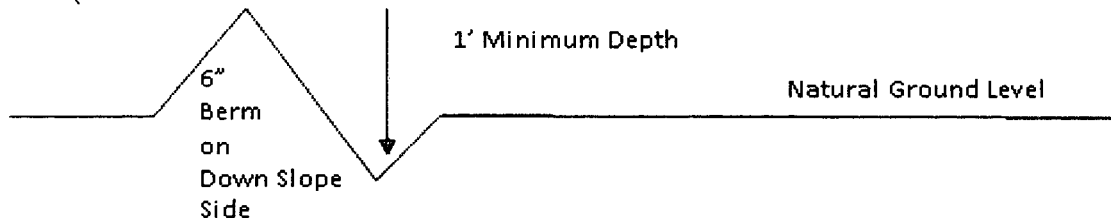
Vehicle turnouts shall be constructed on the road. Turnouts shall be intervisible with interval spacing distance less than 1000 feet. Turnouts shall conform to Figure 1; cross section and plans for typical road construction.

### **Drainage**

Drainage control systems shall be constructed on the entire length of road (e.g. ditches, sidehill outloping and insloping, lead-off ditches, culvert installation, and low water crossings).

A typical lead-off ditch has a minimum depth of 1 foot below and a berm of 6 inches above natural ground level. The berm shall be on the down-slope side of the lead-off ditch.

#### **Cross Section of a Typical Lead-off Ditch**



All lead-off ditches shall be graded to drain water with a 1 percent minimum to 3 percent maximum ditch slope. The spacing interval are variable for lead-off ditches and shall be determined according to the formula for spacing intervals of lead-off ditches, but may be amended depending upon existing soil types and centerline road slope (in %);

#### **Formula for Spacing Interval of Lead-off Ditches**

Example - On a 4% road slope that is 400 feet long, the water flow shall drain water into a lead-off ditch. Spacing interval shall be determined by the following formula:

$$400 \text{ foot road with } 4\% \text{ road slope: } \frac{400'}{4\%} + 100' = 200' \text{ lead-off ditch interval}$$

#### **Cattleguards**

An appropriately sized cattleguard sufficient to carry out the project shall be installed and maintained at fence/road crossings. Any existing cattleguards on the access road route shall be repaired or replaced if they are damaged or have deteriorated beyond practical use. The operator shall be responsible for the condition of the existing cattleguards that are in place and are utilized during lease operations.

#### **Fence Requirement**

Where entry is granted across a fence line, the fence shall be braced and tied off on both sides of the passageway prior to cutting. The operator shall notify the private surface landowner or the grazing allotment holder prior to crossing any fences.

#### **Public Access**

Public access on this road shall not be restricted by the operator without specific written approval granted by the Authorized Officer.

## Construction Steps

1. Salvage topsoil
2. Construct road

3. Redistribute topsoil
4. Revegetate slopes

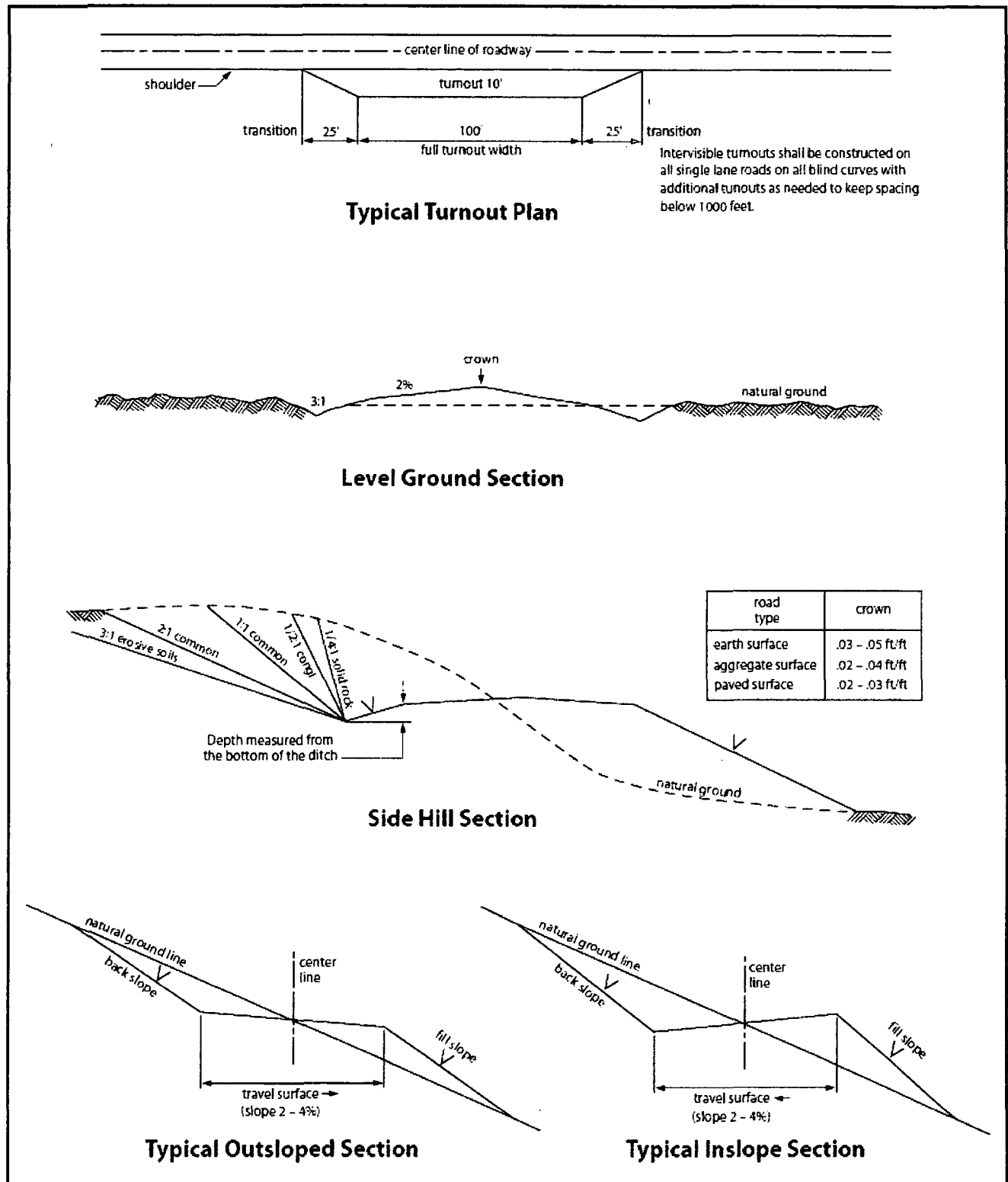


Figure 1. Cross-sections and plans for typical road sections representative of BLM resource or FS local and higher-class roads.



**Special Stipulations for temporary road**

Road will be reclaimed immediately after it is no longer needed for safety use and getting to the battery during fracking operations.

Access road will be reseeded with blm seed mixture #2 and have a temp fence put up to prevent traffic from going down this area and making this a permanent road.