

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 or to re-enter an
abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMMN14459

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

8. Well Name and No.
MESCAL SE FED 29. API Well No.
30-015-35509-00-S110. Field and Pool or Exploratory Area
UNDESIGNATED11. County or Parish, State
EDDY COUNTY, NM1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
EOG Y RESOURCES INCContact: TINA HUERTA
E-Mail: tina_huerta@eogresources.com3a. Address
104 S 4TH STREET
ARTESIA, NM 882103b. Phone No. (include area code)
Ph: 575-748-4168
Fx: 575-748-45854. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 18 T21S R22E SESW 190FSL 760FWL

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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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 recompletable 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.

EOG Y Resources, Inc. plans to plug back and recompletable this well as follows:

GC 5-24-18
Accepted for record - NMOCD

1. MIRU all safety equipment as needed. POOH with packer. Load the hole as necessary with treated water.
2. Set a CIBP at 8312 ft with 25 sx Class H cement on top. This will place a plug over the open Morrow perforations and top of the Morrow. WOC and test casing to 3000 psi. Pickle the tubing with 1500g 15 percent HCL with FE additives and circulate the acid out of the hole.
3. Perforate Canyon 7010 ft - 7018 ft (9) with 1 JSPF, 90 degree phasing and 0.42 inch deep penetrating charges.
4. TIH with packer and tubing. Run the packer with tailpipe to about the bottom perf. Circulate acid down to the perfs, move up and set the packer and slowly squeeze the acid in using a minimal of fluid. Pump a total of 2500g 15 percent NEFE acid follow with tubing capacity as flush.

RECEIVED

MAY 23 2018

DISTRICT II-ARTESIA O.C.D.

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

Electronic Submission #404022 verified by the BLM Well Information System
For EOG Y RESOURCES INC, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 02/15/2018 (18PP1128SE)

Name (Printed/Typed) TINA HUERTA

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 02/09/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>/s/ Jonathon Shepard</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>5/16/2018</u>
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 <u>CFO</u>	

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 #404022 that would not fit on the form

32. Additional remarks, continued

5. Swab the well in and turn over to production.

Wellbore schematics attached

WELL NAME: Mescal SE Federal #2

FIELD: Little Box Canyon, Morrow

LOCATION: 190' FSL & 760' FWL (Surf), 1,077' FSL & 696' FWL (BHL) Section 18-21S-22E Eddy Co., NM

GL: 4,480' ZERO: KB: 4,500

SPUD DATE: 5/7/07 COMPLETION DATE:

COMMENTS: API No.: 30-015-35509

CASING PROGRAM

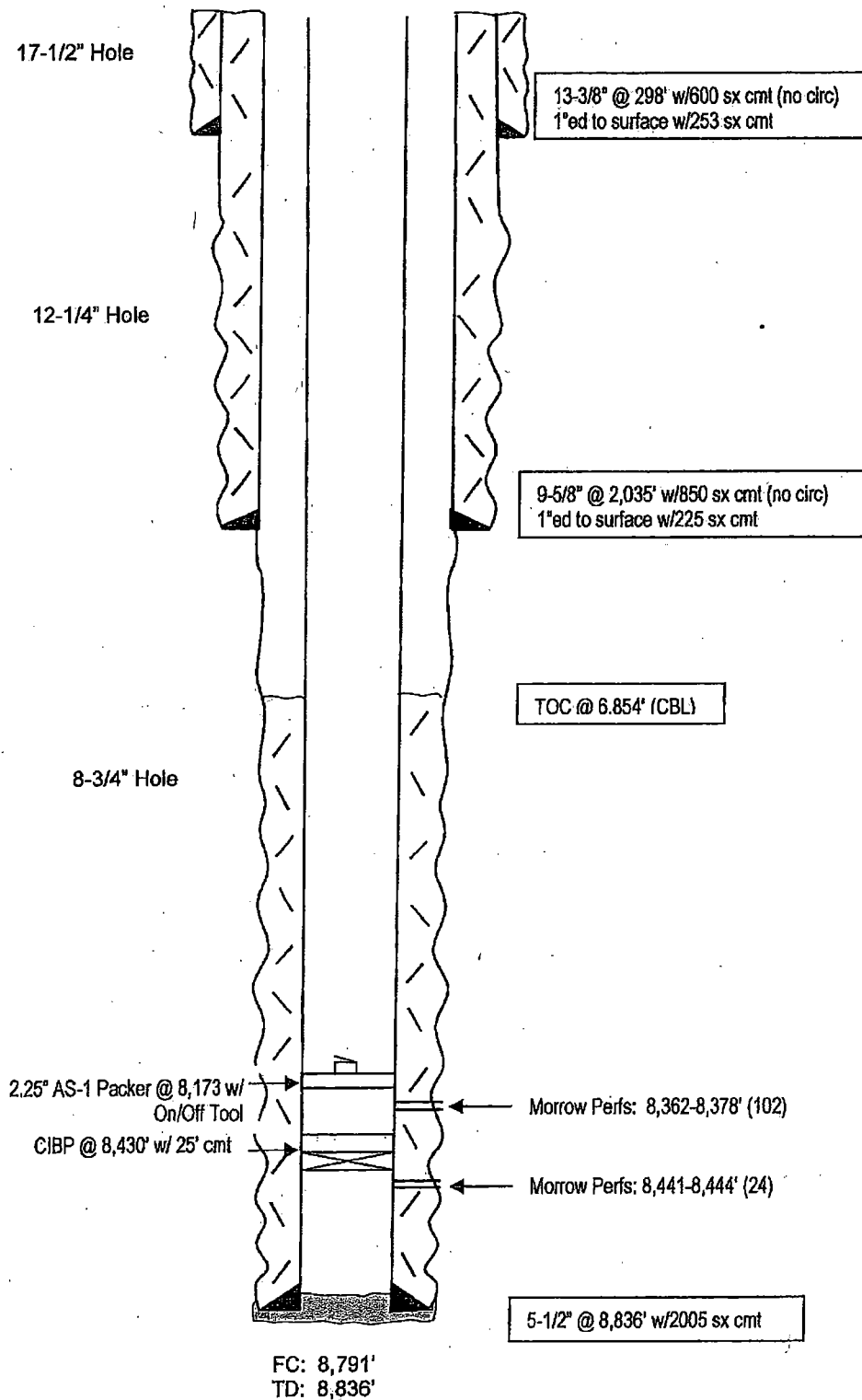
13-3/8" 48# H-40	298'
9-5/8" 36# J-55	2,035'
5-1/2" 17# HCP 110	3,015'
5-12" 17# L80	3,929'
5-1/2" 17# HCP110	1,901'
	8,836'

TOPS

Wolfcamp	4,910'
Cisco	6,022'
Lower Canyon	6,928'
Strawn	7,465'
Atoka	7,972'
Morrow	8,256'

Before

Not to Scale
02/08/2018
PES/MFH



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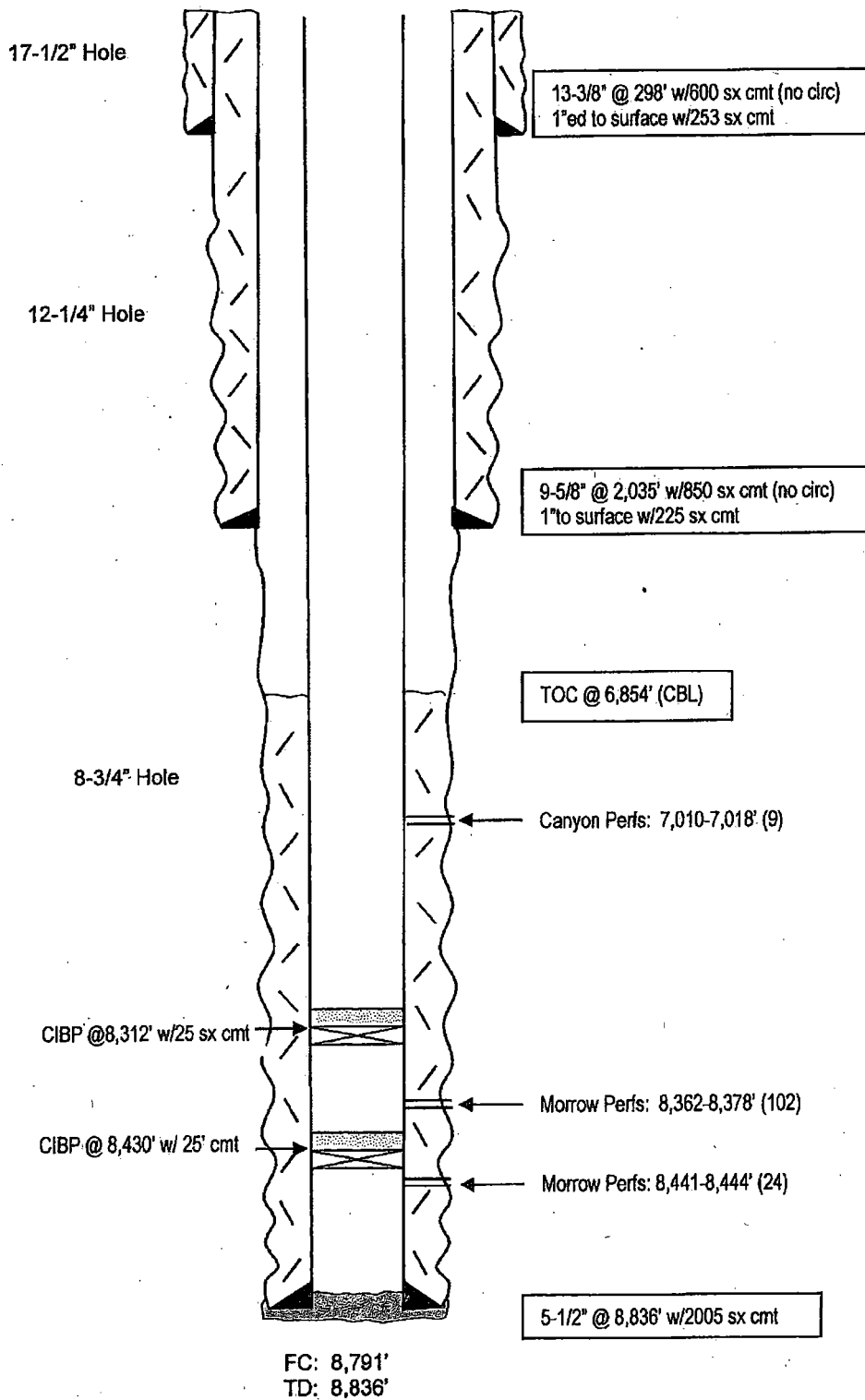
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02/08/2018
PES/MFH

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Production Zone Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plug back operations shall commence within ninety (90) days from this approval. **If you are unable to plug back the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**
2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612
3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.
5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours. In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. **Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.** Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.
6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.** If plugging back to a new zone submit a Completion Report, form 3160-4 with the Subsequent Report.
7. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.
8. **If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken:** From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted

Additional Engineering Conditions:

On top of CIBP at 8,312', 35 feet of cement is needed.