

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM 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.
NMLC069300

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
EL ZORRO G FED'01

9. API Well No.
30-025-03550-00-S1

10. Field and Pool or Exploratory Area
ALLISON-UPPER PENN

11. County or Parish, State
LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
EOG Y RESOURCES INC
Contact: TINA HUERTA
E-Mail: tina_huerta@eogresources.com

3a. Address
104 SOUTH 4TH STREET
ARTESIA, NM 88210

3b. Phone No. (include area code)
Ph: 575-748-4168

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 1 T9S R36E SWSW 660FSL 660FWL

RECEIVED
OCD
10/30/2018

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 checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recomplate 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 and abandon this well as follows:

- MIRU all safety equipment as needed. Pull production equipment.
- RIH with GR/JB to 9625 ft.
- Set a CIBP at 9600 ft with 20 ²⁵ sx Class H cement from 9500 ft - 9600 ft. This will place a plug 200' plug (min) over the open perforations and Cisco top.
- Tag TOC and load the hole with plugging mud.
- Spot a 25 sx Class H inside/outside cement plug from 8925 ft - 9050 ft. This will place a plug 35sx 190' (min) across the Wolfcamp top.
- Spot a 25 sx Class H inside/outside cement plug from 7655 ft - 7780 ft. This will place a plug 35sx 180' (min) across the Abo top.
- Spot a 25 sx Class H inside/outside cement plug from 6415 ft - 6240 ft. WOC and tag. This will 35sx 160' (min).

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Below ground level dry hole marker required.

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

Electronic Submission #436711 verified by the BLM Well Information System
For EOG Y RESOURCES INC, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH MCKINNEY on 09/25/2018 (18DLM0635SE)

Name (Printed/Typed) TINA HUERTA Title REGULATORY SPECIALIST

Signature (Electronic Submission) Date 09/24/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By James R. Jones Title Super. AET Date 10-22-18

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 CFO

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 **

FOR RECORD ONLY
NMOCD 10/30/2018

Additional data for EC transaction #436711 that would not fit on the form

32. Additional remarks, continued

place a plug across the 9-5/8 inch casing shoe.

8. Perforate at 5580 ft. Establish circulation.

9. Spot a 35 sx Class C inside/outside cement plug from 5480 ft - 5580 ft. This will place a plug across the Glorieta top.

150' (min)

10. Perforate at 4150 ft. Establish circulation.

11. Spot a 35 sx Class C inside/outside cement plug from 4050 ft - 4150 ft. This will place a plug across the San Andres top.

140' (min)

12. Perforate at 2880 ft. Establish circulation.

13. Spot a 35 sx Class C inside/outside cement plug from 2780 ft - 2880 ft. This will place a plug across the Yates top.

130' (min)

14. Perforate at 400 ft. Establish circulation.

15. Spot a 130 sx Class C inside/outside cement plug from 400 ft up to surface. This will place a plug across the 13-3/8 inch casing shoe and surface.

Perf @ 2400, 302' cnt to 2280.
Perf both 7" and 9 5/8" SQZ cnt to surf.
All Annulus.

16. Cut off wellhead. Install Dry Hole marker and clean location as per regulated.

Wellbore schematics attached

WELL NAME: El Zorro G Federal #1 FIELD: _____
 LOCATION: 660' FSL & 660' FWL Sec.1-9S-36E
 GL: 4,046' ZERO: _____ KB: _____
 COMMENTS: API No.: 30-025-03550

CASING PROGRAM

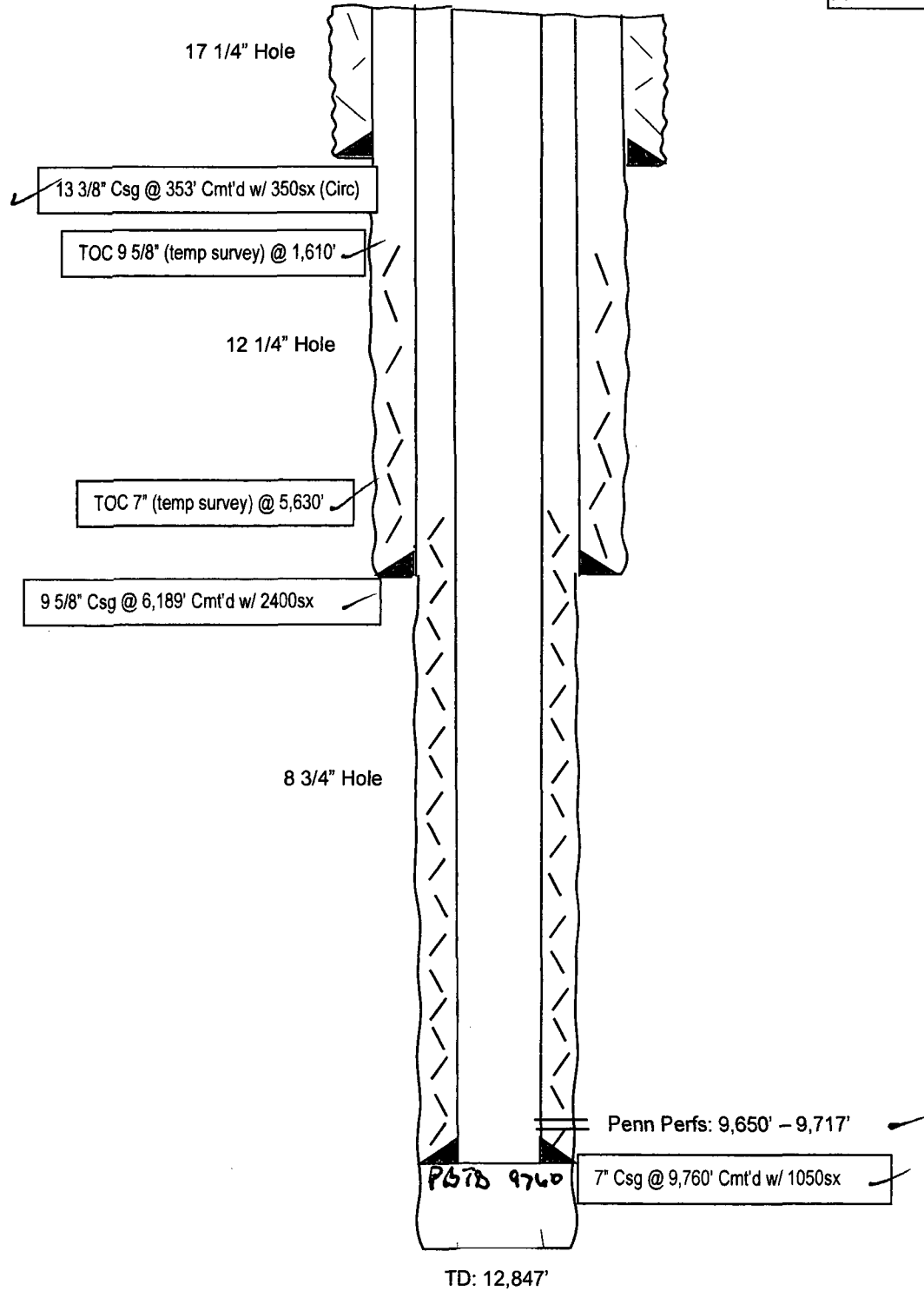
13 3/8" 32.4 & 48# H-40	353'
9 5/8" 40# J-55 & N-80	6,189'
7" 26# J-55 & N-80	9,760'

After

TOPS

Yates	2,820'
San Andres	4,100'
Glorieta	5,530'
Abo	7,730'
Wolfcamp	9,002'
Cisco	9,620'

Formation Record
 Top salt 2255
 B/salt 3745

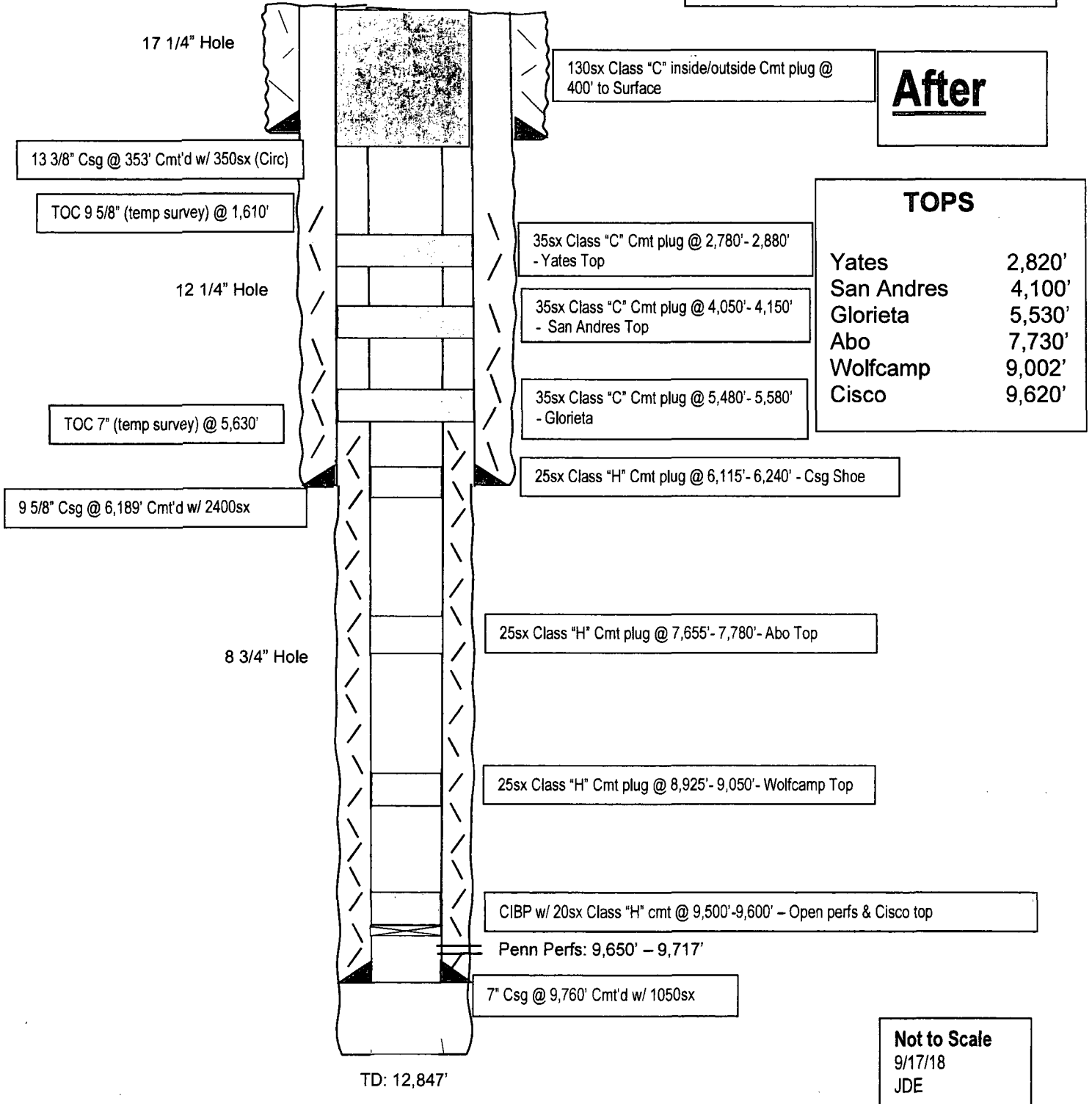


Not to Scale
 9/17/18
 JDE

WELL NAME: El Zorro G Federal #1 FIELD: _____
 LOCATION: 660' FSL & 660' FWL Sec.1-9S-36E
 GL: 4,046' ZERO: _____ KB: _____
 COMMENTS: API No.: 30-025-03550

CASING PROGRAM

13 3/8" 32.4 & 48# H-40	353'
9 5/8" 40# J-55 & N-80	6,189'
7" 26# J-55 & N-80	9,760'



BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

**Permanent Abandonment of Federal Wells
Conditions of Approval (LPC Habitat)**

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. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug 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. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; 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. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing 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. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.** Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging 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 well was plugged.**

8. 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.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

Timing Limitation Stipulation/ Condition of Approval 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