

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

HOBBS OCD

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**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.*

NOV 05 2013

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM23306
2. Name of Operator EOG RESOURCES, INC.		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 2267 MIDLAND, TX 79702		7. If Unit or CA/Agreement, Name and/or No. NM061P3585C499
3b. Phone No. (include area code) Ph: 432-686-3689		8. Well Name and No. DIAMOND 31 FED COM 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T24S R34E NESW 1980FSL 1980FWL		9. API Well No. 30-025-29000
		10. Field and Pool, or Exploratory PITCHFORK RANCH MORROW
		11. County or Parish, and State LEA COUNTY, NM

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<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 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall 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 Proposes to plugback this well in preparation to convert to SWD as follows:

1. Remove 7" RBP from 12500'.
2. Spot 25 sx Class H cement plug at 14900'. TAG.
3. Spot 25 sx Class H cement plug at 14758'. TAG.
4. Spot 25 sx Class H cement plug at 14545'. TAG.
5. Spot 60 sx Class H cement plug at 13300'. TAG.
6. Spot 70 sx Class H cement plug at 9400'. TAG.
7. Spot 40 sx Class H cement plug at 7200'. TAG.
8. Perforate 7" casing @ +/- 6200'.
9. Attempt to establish circulation up the 7" by 9-5/8" annulus through perforations. If circulation is established, pump cement to at least

SUBJECT TO LIKE  
APPROVAL BY STATESEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #218745 verified by the BLM Well Information System For EOG RESOURCES, INC., sent to the Hobbs Committed to AFMSS for processing by JOHNNY DICKERSON on 09/04/2013.()	
Name (Printed/Typed) STAN WAGNER	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 09/03/2013
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By	Title
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 212, 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.

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

NOV 07 2013

**Additional data for EC transaction #218745 that would not fit on the form**

**32. Additional remarks, continued**

4620' in annulus.

10. If circulation is not established on 7" by 9-5/8" annulus, squeeze cement to establish TOC of 4620'.

11. Shut well in until necessary approvals are received from BLM and NMOCD to convert the well to SWD.



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## Diamond 31 Fed Com Sundry

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**Stan\_Wagner@eogresources.com** <Stan\_Wagner@eogresources.com>  
To: jamason@blm.gov

Mon, Sep 30, 2013 at 8:26 AM

Good morning Jennifer,

Regarding the subject sundry that you called me with questions:

Permitted injection interval is 5440 to 7200. NMOCD order # SWD-1440.

The intent of the sundry when written was to go ahead and prep the well for SWD conversion while waiting on approval of the order to inject.

We now have the order, so obviously a subsequent sundry will be forthcoming with the SWD conversion procedure. If you can go ahead and approve the plugback, we can get the prep work out of the way.

If you have other questions, let me know.

Thanks,

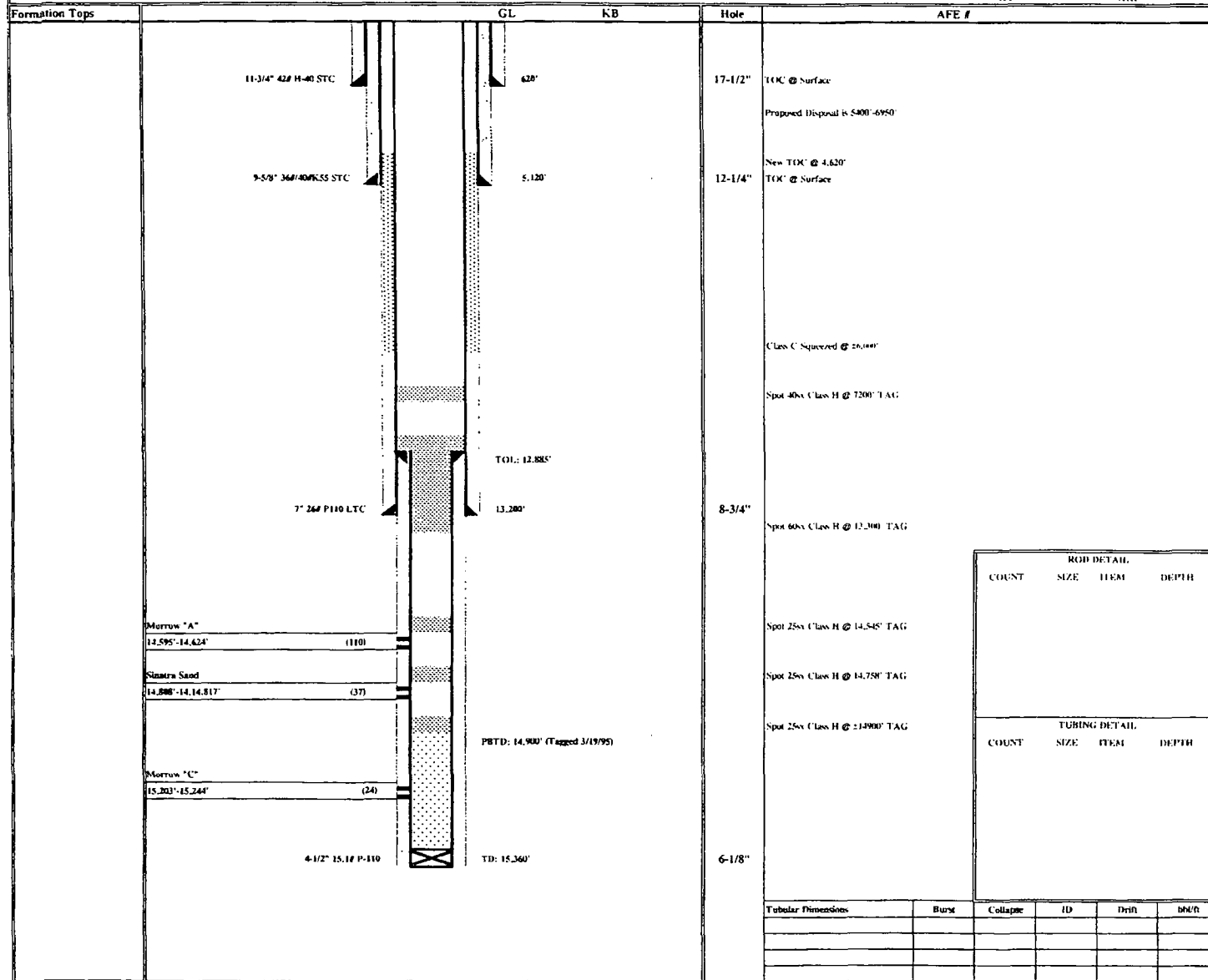
Stan Wagner  
EOG Resources - Midland Division  
432-686-3689

# DIAMOND 31 FED COM #1

API# 30-025-29000  
Sect 31, T24S, R34E  
1980' FSL & 1980' FWL  
Lea County, NM



SPUD TD  
DRILLING 10/16/1984 12/9/1984  
LAST REVISED 5/30/2013 SMB  
WI NRI



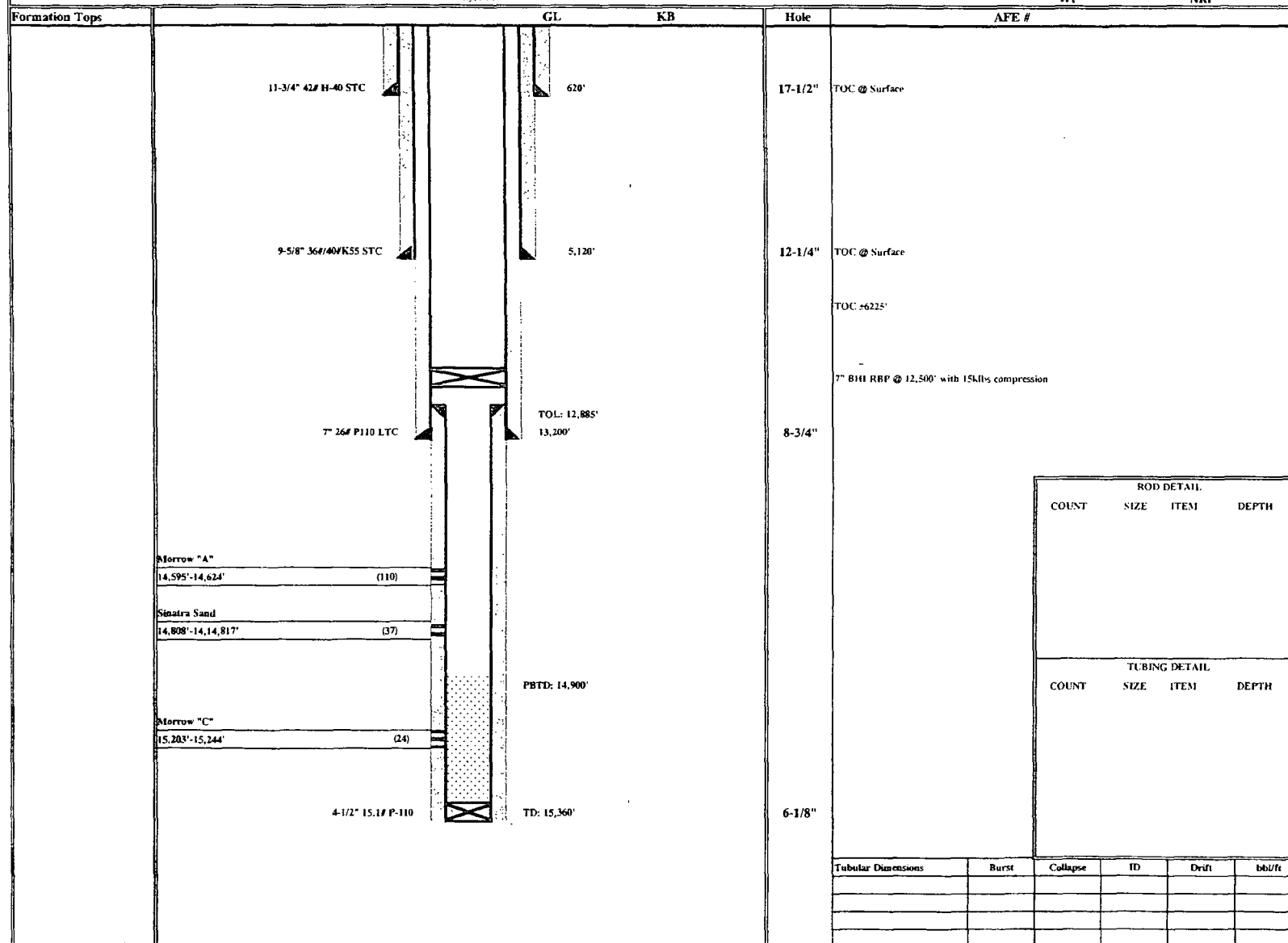
Proposed

# DIAMOND 31 FED COM #1

API# 30-025-29000  
Sect 31, T24S, R34E  
1980' FSL & 1980' FWL  
Lea County, NM



SPUD TD  
DRILLING  
LAST REVISED 5/30/2013 SMB  
WI NRI



Current

**Diamond 31 Fed Com 1  
30-025-29000  
EOG Resources Inc.  
November 01, 2013  
Conditions of Approval**

**Notify BLM at 575-393-3612 a minimum of 24 hours prior to commencing work.**

**Work to be completed by February 01, 2014.**

- 1. Steps 2-4: Each plug shall be placed on previous plug. The plug in step 4 shall be tagged at a minimum of 14,219'.**
- 2. Step 5: Set plug at 13,300'. Tag at a minimum of 12,835' (50' above liner shoe).**
- 3. Run CBL on 7 inch casing. Report results to BLM. Based on TOC, plugs may need to be perforated and squeezed.**
- 4. And addition balanced Class H Cement plug must be set from 12,364'-12,140' to seal the top of the Wolfcamp formation.**
- 5. Step 6: Set plug at 9,125'. Tag plug at a minimum of 8,925'.**
- 6. Steps 7-11 approved as written.**
- 7. Must conduct a casing integrity test (CIT). Submit results to BLM. The CIT is to be performed on the 7 inch casing per Onshore Oil and Gas Order 2.III.B.1.h. Submit results to the BLM.**
- 8. Subject to like approval by state.**
- 9. Operator shall NOT inject until approval is granted from both the BLM and State.**
- 10. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.**
- 11. Surface disturbance beyond the originally approved pad must have prior approval.**
- 12. Closed loop system required.**

13. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
14. Operator to have H2S monitoring equipment on location.
15. A minimum of a 5000 (5M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (5M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
16. **Subsequent sundry required detailing work done and completion report with new formations. Operator to include well bore schematic of current well condition when work is complete.**
17. **See Attached for general requirements.**

**JAM 110113**

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

**General Requirements for Plug Backs**

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 this approval.

**If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> 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.

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.**

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.