

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

5. Lease Serial No.
NM-22643

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
VALHALLA '4' FEDERAL COM #1

9. API Well No.
30-025-37210

10. Field and Pool, or Exploratory Area
~~Wadest~~ Bone Spring North

11. County or Parish, State
LEA CO., NM

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
COG Operating LLC

3a. Address
550 W. Texas Ave., Suite 1300 Midland, TX 79701

3b. Phone No. (include area code)
432-685-4340

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL & 660' FWL
Unit D, Section 4, T19S, R32E

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 checked="" type="checkbox"/> Other Completion
	<input type="checkbox"/> Change Plans	<input 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 recomple 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.)

10-19-05 RIH w/ 2-7/8" tbg.

10-24-05 Perf Morrow w/ 4 SPF 12,966' - 12,974' (8') 33 total holes. Swab well. Will perf Morrow B.

11-9-05 Set CIBP @ 12,920' & test to 3000 psi.

11-10-05 Perf Morrow B w/ 2 SPF @ 12,624' - 12,664'. 81 total .42" holes. Swab well.

11-11-05 Acidize Morrow B w/ 4000 gal 7-1/2% acid w/ 20% methanol & 80 BS. Swab well.

11-16-05 Set CIBP @ 12,575' & test to 1000 psi. Perf Wolfcamp w/ 4 SPF @ 10,784' - 10,794' (41 total holes). Swab well.

11-18-05 Acidize 10,784' - 10,794' w/ 1500 gal 15% NeFe HCl acid & 60 BS. Swab well.

12-1-05 TOH w/ tbg & pkr. Set CIBP @ 10,750' w/ 35 sx cmt on top & test to 2000 psi.

Perf 9420' - 9510' w/ 2 SPF. 138 total holes. New PBTD 10,715'.

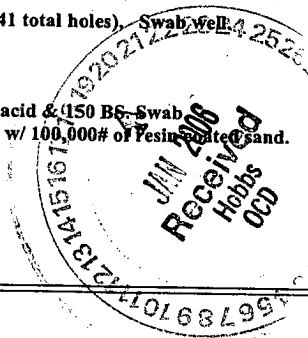
12-2-05 TIH w/ tbg & pkr. Set pkr @ 9305'. Acidize Bone Spring #2 sand w/ 3500 gal 7-1/2% acid & 150 BS. Swab well.

12-8-05 TOH w/ tbg & pkr. Frac 9420' - 9510' w/ 56,000 gal Medallion 30 Borate X-linked gel w/ 100,000# of Resin coated sand.

12-10-05 NU BOP & RIH tbg & pkr. Set pkr @ 9288'. Swab.

12-14-05 Rel pkr. TOH w/ tbg & pkr. RIH w/ pump & rods.

12-19-05 Turn to production.



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Phyllis Edwards

Title Regulatory Analyst

Signature

Phyllis Edwards

Date

01/16/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Date

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)

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