

SEP - 9 2008

Form 3160-5
(April 2004)

OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1 Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2 Name of Operator
COG Operating LLC3a Address
550 W. Texas Ave., Suite 1300 Midland, TX 797013b. Phone No. (include area code)
432-685-4395

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

990' FNL & 2310' FEL
Sec.29, T17S, R29E, Unit B5. Lease Serial No.
NMNM14840

6 If Indian, Allottee or Tribe Name

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

8 Well Name and No.
White Star Federal #159. API Well No.
30-015-3153210 Field and Pool, or Exploratory Area
Empire; Glorieta-Yeso, East 9661011. County or Parish, State
Eddy, 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 checked="" type="checkbox"/> Other Deepen Well & Add Yeso Perfs
	<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 recomplete 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.)

06-19-08 MIRU. POOH w/pump, rods, tbg.

06-21-08 Squeeze w/500 sxs Class C w/2% CaCl. Pres. up on pipe rams to 1000# for 30 min. Close blind rams. Press. up on blind rams to 1000# & held for 30 min. All held good.

06-23-08 Drld out cmt retainer @ 3820'. Drld cmt @ 3824'-3972'.

06-24-08 Drld out cmt from 3972' & fell out @ 4272'. Drld. 7' new formation. Circ hole clean. Contacted Kent Kaddall w/BLM in Carlsbad about deepening.

06-28-08 Drld to TD @ 5658'.

06-30-08 RIH w/128 jts 4", 11.3#, L-80 ULTFJ csg & set @ 5637'. Cmt. w/100 sxs Class C. 1st Plug down @ 7:30 pm. DV tool plug down @ 8:30 pm.

07-01-08 Run CBL. DV tool @ 4297'. Drld out DV tool. Circ hole clean.

07-16-08 Perf @ 5210'-5410', 2 SPF, 42 holes.

07-17-08 Acidize w/2500 gal 15% HCL. Frac w/16,000 gal gel; 5800 gal gel carrying 1450# 16/30 sand.

07-18-08 RIH w/RBP & set @ 5170'. Perf @ 4910'-5110', 2 SPF, 32 holes. Acidize w/2500 gal 15%. Frac w/128,000 gal 20# Lightning gel; 149,508# 16/30 white; 32,447# 16/30 SiberProp. Flush w/base gel. RIH w/RBP & set @ 4860'. Plug set, but could not shear off of plug. Pulled on plug 2 times, pulled out of rope socket. Left guns in hole.

(See Attached)

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

Carol Ann Lance

Title Regulatory Analyst

Signature

Date

08/14/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE
ACCEPTED FOR RECORD

Approved by

Title

Date

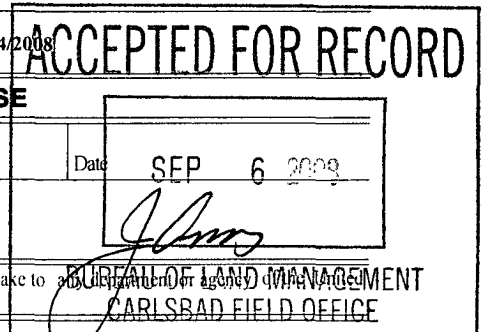
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Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 USC Section 1001 and Title 43 USC Section 1212 make it unlawful for any person to knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations in any matter within its jurisdiction.

(Instructions on page 2)



**White Star Federal #15
API #30-015-31532
Eddy, NM**

3160-5 (13) Additional Information

- 07-29-08 Fish for guns. RIH find freepoint @ 4800' Backoff jars, collars & tbg @ 4800' (leaving bumper, sub, collar locator & guns, & setting tool in hole 40') Test plug, csg & frac valve to 8000#. No leaks.**
- 07-31-08 Top of fish @ 4812'. Perf @ 4610-4802', 2 SPF, 32 holes.**
- 08-02-08 Acidize w/2500 gal 15%. Frac w/206,000 gal Lightning 2000 gel; 272,215# white sand; 47,369# SiberProp. Flush w/base gel.**
- 08-07-08 PBTD @ 4812'. RIH & find freepoint @ 4301'. PU string shot & RIH to freepoint. Backoff csg. @ 4301'.**
- 08-08-08 RIH w/135 jts 2 7/8" tbg, SN @ 4261. RIH w/2-1/2x1-1/2x16' RHBC pump & rods. Hang well on.**