

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 18 2008

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.

OCD-ARTESIA

Lease Serial No.
NMNM0467932**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator COG OPERATING LLC		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		8. Well Name and No. W D MCINTYRE E 8
3b. Phone No. (include area code) Ph: 432-685-4332		9. API Well No. 30-015-31787-00-S1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T17S R30E NESW 1650FSL 2250FWL		10. Field and Pool, or Exploratory LOCO HILLS
11. County or Parish, and State EDDY COUNTY, NM		

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

Gerry Guye, Deputy Field Inspector
NMOC District II ARTESIA

TYPE OF SUBMISSION	TYPE OF ACTION
☐ Notice of Intent	☐ Acidize
☒ Subsequent Report	☒ Deepen
☐ Final Abandonment Notice	☐ Production (Start/Resume)
	☐ Alter Casing
	☐ Fracture Treat
	☐ Reclamation
	☐ Casing Repair
	☐ New Construction
	☐ Recomplete
	☐ Plug and Abandon
	☐ Temporarily Abandon
	☐ Convert to Injection
	☐ Plug Back
	☐ Water Disposal
	☐ Water Shut-Off
	☐ Well Integrity
	☐ Other

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 recompleat 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.)

07/18/08 MIRU. TOH w/ rods & tbg.
07/19/08 RIH w/cmt retainer & set @ 4991?.
07/21/08 Pump 200 sxs Class C w/2% CaCl. Tail w/ 200 sx neat. Squeeze to 2000 psi. Circ 71 sxs.
07/22/08 Started drilling retainer out @ 4219? - 4425'.
07/23/08 Drilled 4425? ? 4860?.
07/24/08 - 08/01/08 Drilled 4938' - 6620'.
08/08/08 Ran 151 jts 4?, 11.3#, P110 csg. Set @ 4130?. Cmt w/140 sxs Class C. PD @ 5:30pm. Circ 85 sx off DV tool.
08/11/08 Tagged DV tool @ 4860'. Drilled out DV Tool pushed to bottom.
08/21/08 PBD @ 6557? Perf @ 6000? ? 6200?. 2 SPF, 48 holes.
08/22/08 Acidize w/3500 gals 15% HCL. Frac w/67,901 gal 20# lightning; 70,462# 16/30 Ottawa sand, 20,800# 20/40 Super LC. RIH w/CBP & set @ 5950?. Perf @ 5720? ? 5920?, 2 SPF, 32 holes. Acidize

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #64402 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 11/04/2008 (08KMS1541SE)	
Name (Printed/Typed) KANICIA CARRILLO	Title PREPARER
Signature (Electronic Submission)	Date 11/03/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	JAMES A AMOS Title SUPERVISOR EPS	Date 11/15/2008
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.		2008
Office Carlsbad		

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.

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Additional data for EC transaction #64402 that would not fit on the form

32. Additional remarks, continued

w/3500 gals 15% HCL. Frac w/65,940 gal 20# lightning; 7,502# 16/30 Ottawa sand, 23,279# 20/40 Super LC. RIH w/CBP @ set @ 5670?. Perf @ 5440? ? 5640?, 2 SPF, 32 holes.
08/23/08 Acidize w/2500 gals 15% HCL. Frac w/68,000 gal 20# lightning, 70,045# 16/30 white sand, 25,543# 20/40 Super LC.
08/29/08 TIH & drill out plugs.
09/04/08 New PBTD @ 6557?. RIH w/155 jts 2 7/8? tbg, SN @ 4864?. RIH w/2-3/8"x16"x1.5 RHTC pump & rods. Hang well on.