

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB No. 1004-0137
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.

HOBBS OCD
DEC 30 2013

SUBMIT IN TRIPLICATE - Other Instructions on page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM-124664
2. Name of Operator COG Operating, LLC		6. If Indian, Allottee, or Tribe Name
3a. Address 2208 W. Main Street Artesia, NM 88210	3b. Phone No. (include area code) 575-748-6940	7. If Unit or CA. Agreement Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 990' FSL and 330' FWL, Unit M, Section 8, T26S-R34E		8. Well Name and No. Gunner 8 Federal #8H
Lat. Long.		9. API Well No. 30-025-40309
		10. Field and Pool, or Exploratory Area Wildcat; Bone Spring Upper Shale
		11. County or Parish, State Lea County NM

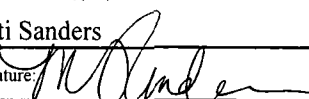
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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"/> Altering 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	SWD Line
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

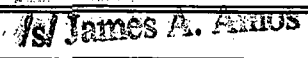
13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the 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 recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice 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.)

COG Operating LLC, proposes to construct a 4" SWD flow line from the Gunner 8 Federal #8H to the Gunner 16 State SWD #1 in Sectio 16, T26S-R34E, Lea County, New Mexico. The SWD line will also tie-in the proposed Gunner 8 Federal #4H, #5H, #6H and #7H wells in Section 8, T26S-R34E.

The SWD line will be 30 feet wide and approximately 4960.7 feet long (see attached plat).

14. I hereby certify that the foregoing is true and correct.	
Name (Printed/ Typed) Monti Sanders	Title: Regulatory Technician
Signature: 	Date: 1/17/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: 	Title:	Date: DEC 20 2013
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:	

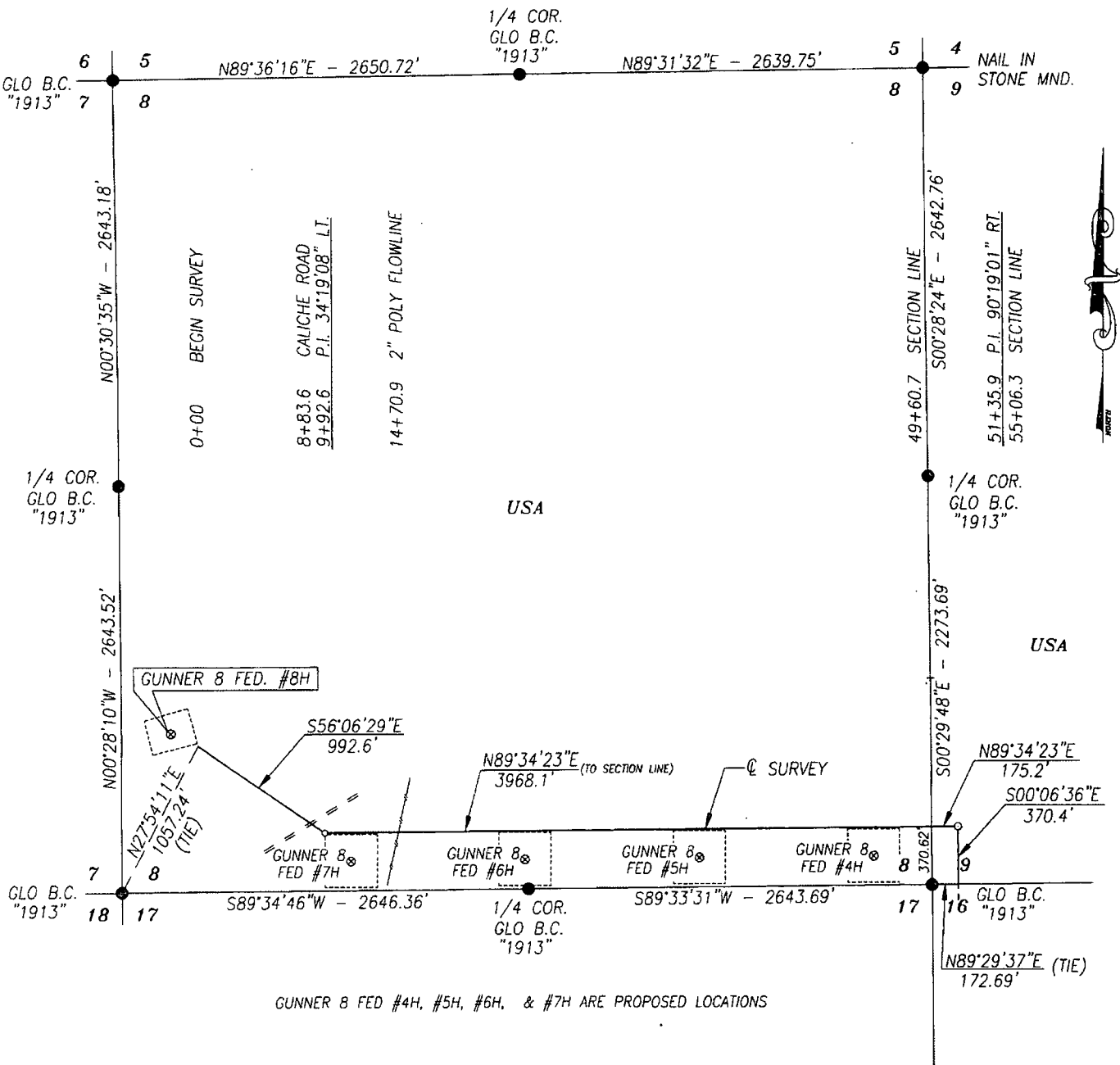
Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

MSB/OCD 12/31/2013

DEC 06 2014

SECTIONS 8 & 9, TOWNSHIP 26 SOUTH, RANGE 34 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



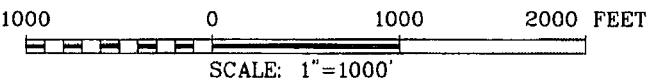
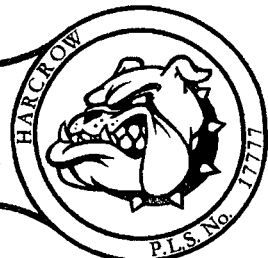
GUNNER 8 FED #4H, #5H, #6H, & #7H ARE PROPOSED LOCATIONS

DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE AND 5506.3 FEET OR 1.04 MILES IN LENGTH CROSSING USA LAND IN SECTIONS 8 & 9, TOWNSHIP 26 SOUTH, RANGE 34 EAST, LEA COUNTY, NEW MEXICO AND BEING 25.0 FEET LEFT AND 25.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

LEGEND
● - DENOTES FOUND MONUMENT AS NOTED

HARCROW
SURVEYING, LLC
1107 WATSON, ARTESIA N.M. 88210
PH: (575) 513-2570 FAX: (575) 746-2808
chad_harcrow77@yahoo.com



BASIS OF BEARING:
BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

CERTIFICATION
I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

Chad Harcrow
CHAD HARCROW N.M.P.S. NO. 17777
11/16/13
DATE



COG OPERATING, LLC		
SURVEY OF A PROPOSED PIPELINE LOCATED IN SECTIONS 8 & 9, TOWNSHIP 26 SOUTH, RANGE 34 EAST, NMPM, LEA COUNTY, NEW MEXICO		
SURVEY DATE: NOV. 2, 2012	RELATED:	
DRAFTING DATE: NOV. 11, 2012	REVISION:	
APPROVED BY: CH	DRAWN BY: LA	FILE: 12-121