

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.

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 NMLC065710A
2. Name of Operator COG Operating LLC	6. If Indian, Allottee, or Tribe Name
3a. Address 2208 W. Main Street Artesia, NM 88210	7. If Unit or CA. Agreement Name and/or No
3b. Phone No (include area code) 575-748-6940	8. Well Name and No Lusk Deep Unit Frac Pond 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Section 20 - T19S - R32E	9. API Well No. 30-025-40193
Lat. Long.	10. Field and Pool, or Exploratory Area Undesignated
	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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Recomplete
	<input checked="" type="checkbox"/> Other
	Change
	Dimensions
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and abandon
	<input type="checkbox"/> Temporarily Abandon
	<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 or pertinent markers and sands. Attach the Bond under which the work will be 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 recompleat 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 respectfully requests approval to change the dimensions of the Lusk Deep Unit Frac Pond 1.

From: 300' x 300'  
To: 360' x 260'

OK Just 10-3-12  
cleared by arch as per B. Boeke (within 600x600) MOA area  
disturbance remains unchanged in area

14 I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed)

Mayte Reyes

Title

Regulatory Analyst

Signature

Date

9/13/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

AFM

Date

10/8/12

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

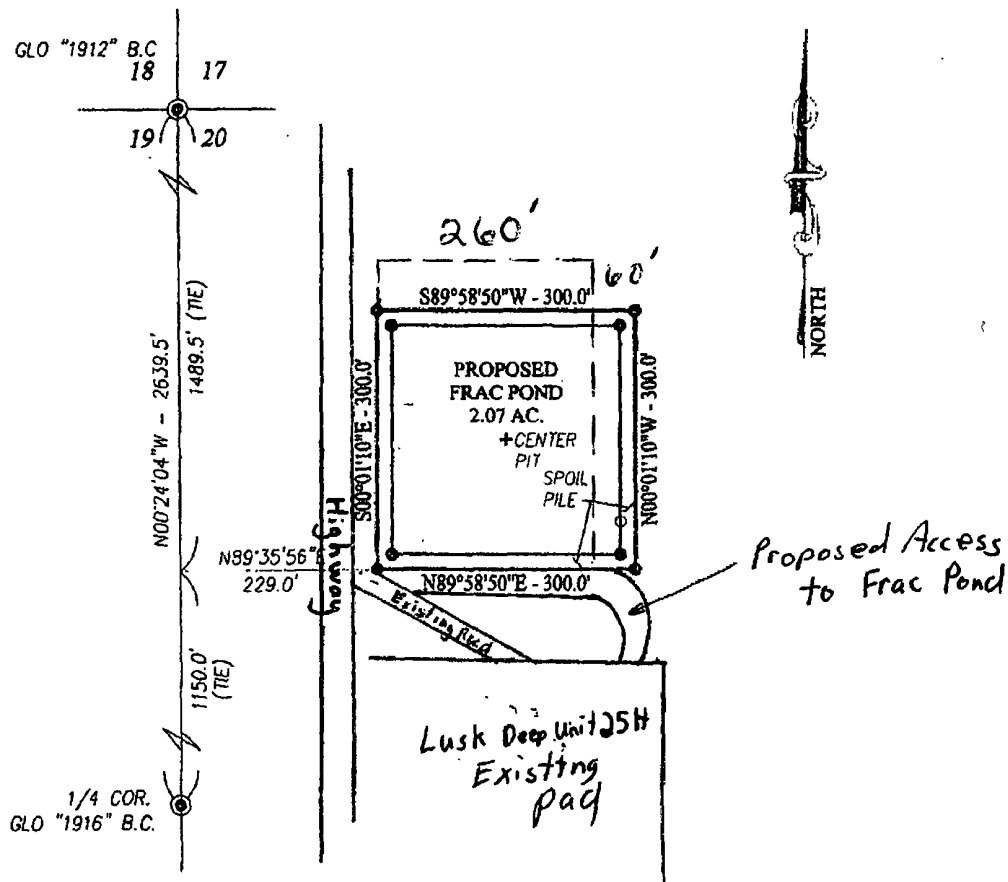
CARLSBAD FIELD OFFICE

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)

OCT 17 2012

SECTION 20, TOWNSHIP 19 SOUTH, RANGE 32 EAST, N.M.P.M.  
LEA COUNTY NEW MEXICO



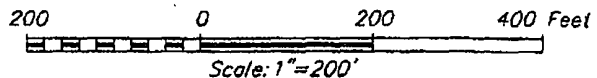
**DESCRIPTION:**

A PROPOSED FRAC POND SITUATED IN THE NW/4 OF SECTION 20, TOWNSHIP 19 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF THE PROPOSED FRAC POND WHICH LIES N00°24'04"W 1150.0 FEET AND N89°35'56"E 229.0 FEET FROM THE WEST 1/4 CORNER; THEN N89°58'50"E 300.0 FEET; THEN N00°01'10"W 300.0 FEET; THEN S89°58'50"W 300.0 FEET; THEN S00°01'10"E 300.0 TO THE POINT OF BEGINNING AND CONTAINING 2.07 ACRES MORE OR LESS.

**LEGEND**

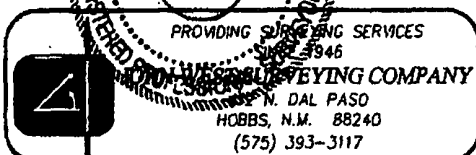
- DENOTES FOUND CORNER AS NOTED
- DENOTES SET SPIKE NAIL



I, RONALD J. EIDSON, NEW MEXICO PROFESSIONAL SURVEYOR No. 3239, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RONALD J. EIDSON

DATE: 08/17/2011



**COG OPERATING, LLC**

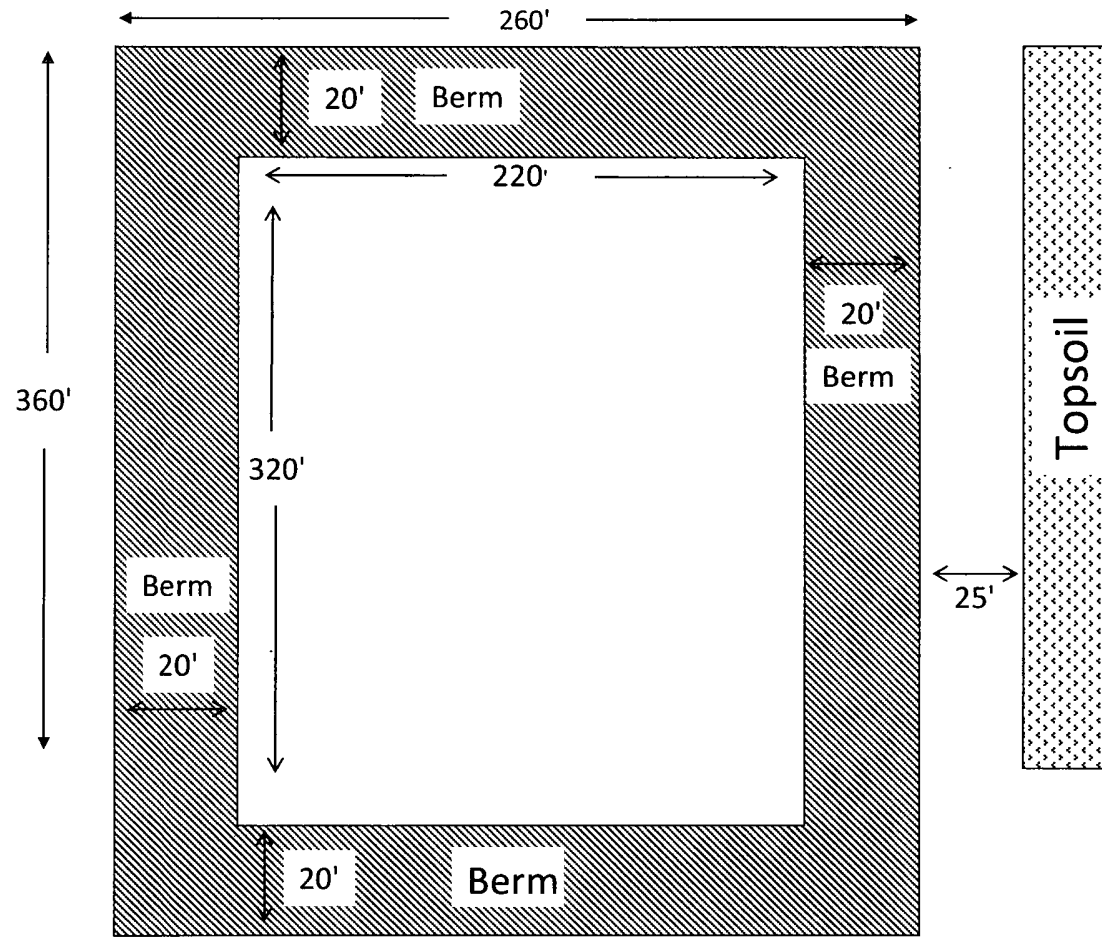
SURVEY FOR LUSK DEEP UNIT FRAC POND #1  
SITUATED IN THE NW/4 OF SECTION 20,  
TOWNSHIP 19 SOUTH, RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, NEW MEXICO

Survey Date: 7/29/11	Sheet 1 of 1 Sheets
W.O. Number: 11.11.1624	Dr. By: DSS
Date: 8/8/11	Rel. W.O.: 11111624
	Scale: 1"=200'



COG Operating LLC  
2208 W Main Street  
Artesia, NM 88210

## Lusk Deep Unit Frac Pond #1 Section 20-T19S-R32E



Pond depth: 14-15 feet