

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 type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No. NMNM100342
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) 660' FNL & 710' FWL, Unit D (NWNW) Sec12-T19S-R31E 660' FSL & 660' FWL, Unit M (SWSW) Sec12-T19S-R31E		8 Well Name and No Poptart 12 Federal #4H
Lat. Long.		9 API Well No 30-015-39712
		10. Field and Pool, or Exploratory Area Wildcat; Wolfcamp
		11 County or Parish, State Eddy 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	SHL Change
	<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 recompleat 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 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 reclamanation, have been completed, and the operator has determined that the site is ready for final inspection)

COG Operating LLC respectfully request the SHL changes for the original approved APD.

From: 660' FNL & 760' FEL
To: 660' FNL & 710' FEL

Accepted for record

NMOCD

10/24/2011

RECEIVED

DEC 05 2011

NMOCD ARTESIA

Bureau of Land Management
RECEIVED

DEC 01 2011

Carlsbad Field Office
Carlsbad, NM

14 I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)

Mayte Reyes

Title

Regulatory Analyst

Signature

Mayte Reyes

Date

12/1/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

[Signature]

Title

[Signature]

Date

12/1/11

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)

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 15, 2009
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 36-05-34712	Pool Code 97489	Pool Name Wildcat; Wolfcamp, Gas
Property Code	Property Name POPTART "12" FEDERAL	Well Number 4H
OGRID No. 229137	Operator Name COG OPERATING, LLC.	Elevation 3614.3

Surface Location

1/4 or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	12	19 S	31 E		660	NORTH	710	WEST	EDDY

Bottom Hole Location If Different From Surface

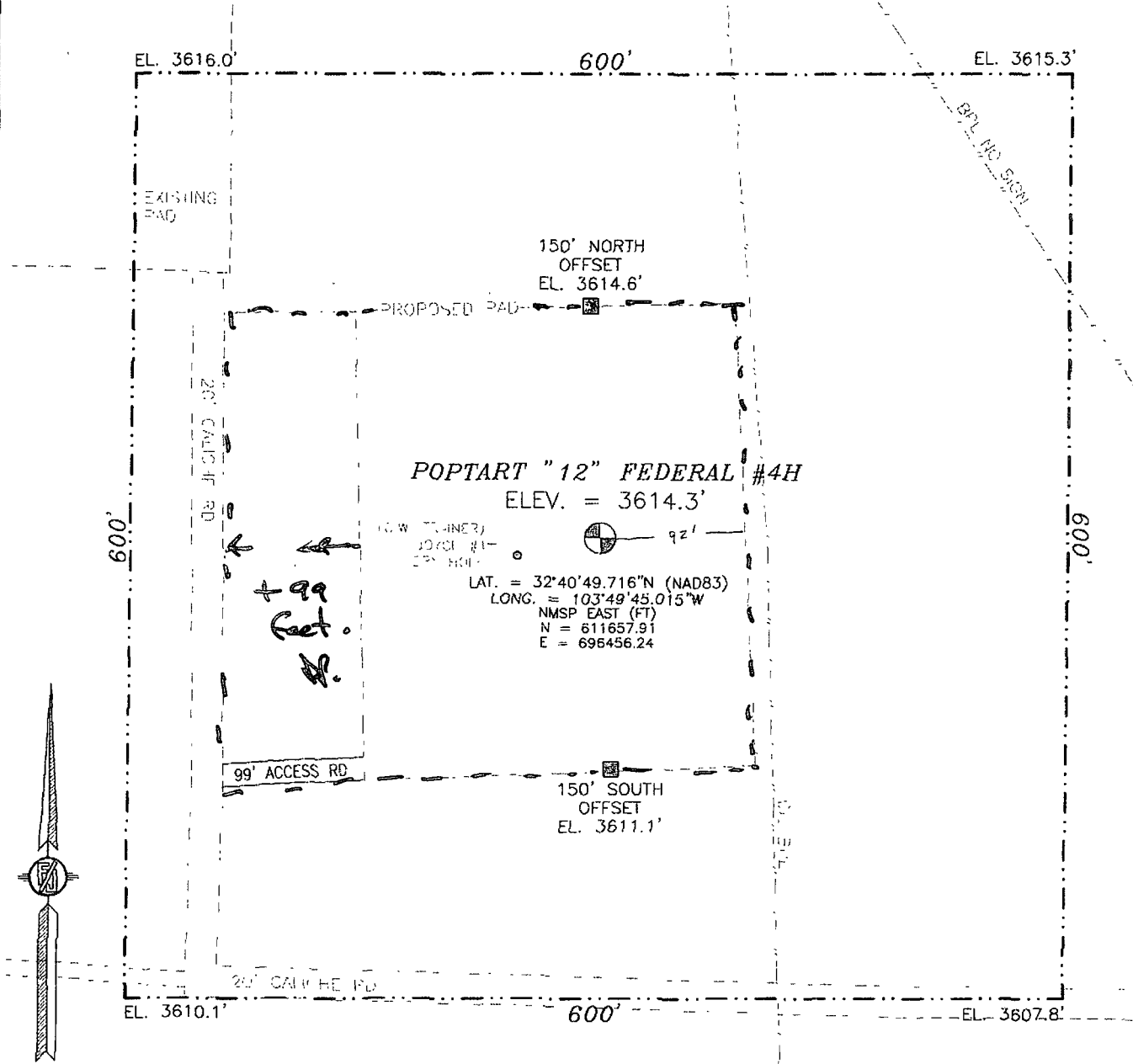
1/4 or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	12	19 S	31 E		660	SOUTH	660	WEST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	POPTART "12" FEDERAL #4H ELEV. = 3614.3' LAT. = 32°40'49.716"N (NAD83) LONG. = 103°49'45.015"W NMSP EAST (FT) N = 611657.91 E = 696456.24	NE CORNER SEC. 12 LAT. = 32°40'56.27"N LONG. = 103°48'51.51"W NMSP EAST (FT) N = 612342.21 E = 701027.42	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature Date 12-1-11 Printed Name Rand French
	NW CORNER SEC. 12 LAT. = 32°40'56.26"N LONG. = 103°49'53.35"W NMSP EAST (FT) N = 612315.67 E = 695740.29 SW CORNER SEC. 12 LAT. = 32°40'03.91"N LONG. = 103°49'53.17"W NMSP EAST (FT) N = 607024.77 E = 695781.43 BOTTOM OF HOLE LAT = 32°40'10.46"N LONG. = 103°49'45.46"W NMSP EAST (FT) N = 607689.23 E = 696438.08	SE CORNER SEC. 12 LAT = 32°40'04.01"N LONG. = 103°48'51.35"W NMSP EAST (FT) N = 607059.83 E = 701065.62	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. NOVEMBER 30, 2011 Date of Survey Signature and Seal of Professional Surveyor Certificate Number FILIMON F. JARAMILLO, PLS 12797 SURVEY NO 714

SECTION 12, TOWNSHIP 19 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO



010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM PAVED CR# 1126 (MALJAMAR RD.) AND PAVED CR# 248 (LUSK PLANT RD.) GO NORTH ON L126 1.5 MILES, TURN LEFT ON CALICHE LEASE ROAD AND GO SOUTHWEST 0.35 MILES, BEND RIGHT AND GO WEST 0.7 MILES, BEND RIGHT AND GO NORTHWEST 0.7 MILES, BEND RIGHT AND GO NORTHWEST 1.1 MILES SITE IS ABOUT 200 FEET RIGHT (NORTH)

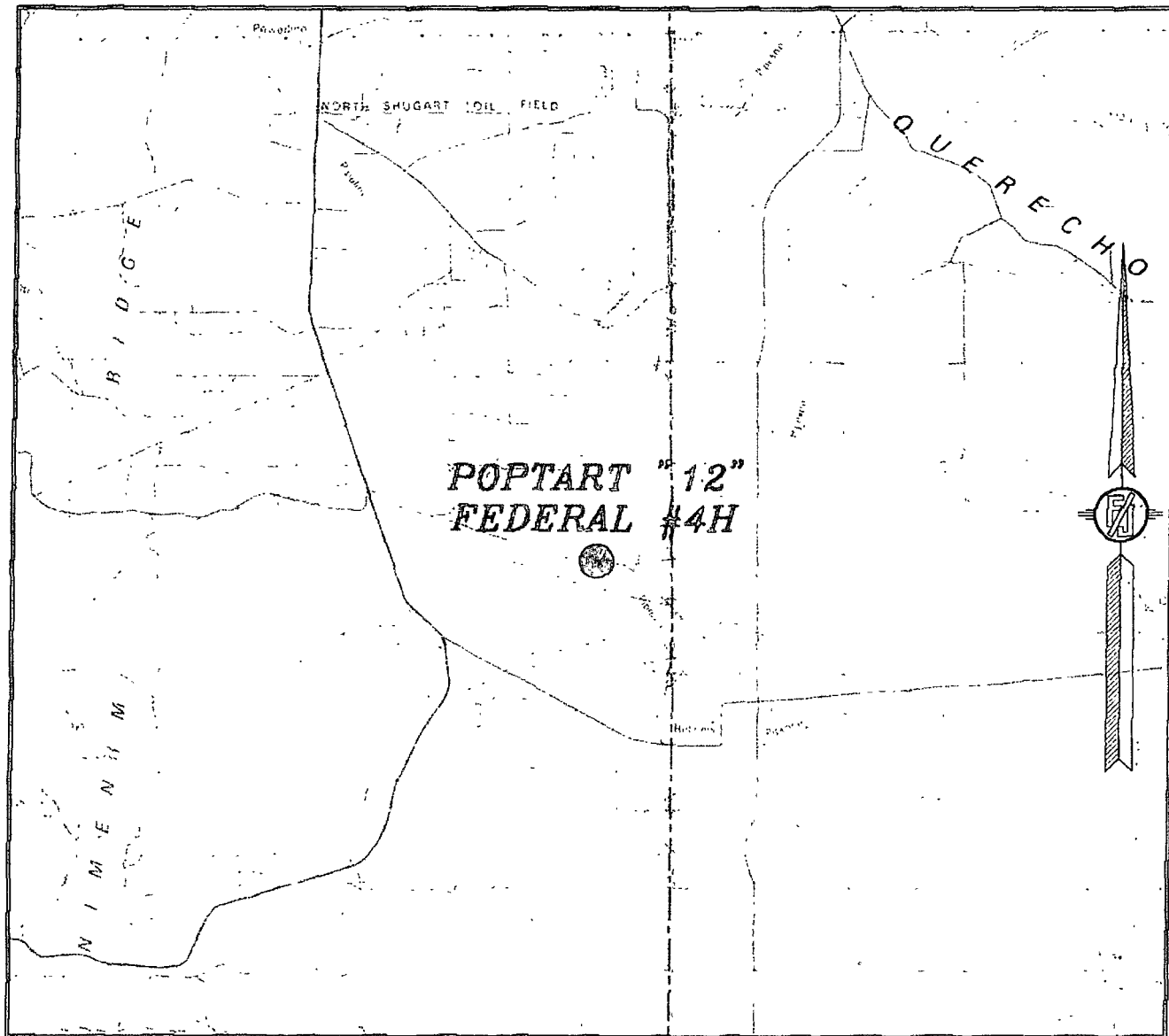
COG OPERATING, LLC
POPTART "12" FEDERAL #4H
LOCATED 660 FT. FROM THE NORTH LINE
AND 710 FT. FROM THE WEST LINE OF
SECTION 12, TOWNSHIP 19 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

SURVEY NO. 714

NOVEMBER 30, 2011

MADRON SURVEYING, INC. 301 SOUTH CANAL, CARLSBAD, NEW MEXICO
505 726-9672

SECTION 12, TOWNSHIP 19 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
VICINITY MAP



NOT TO SCALE

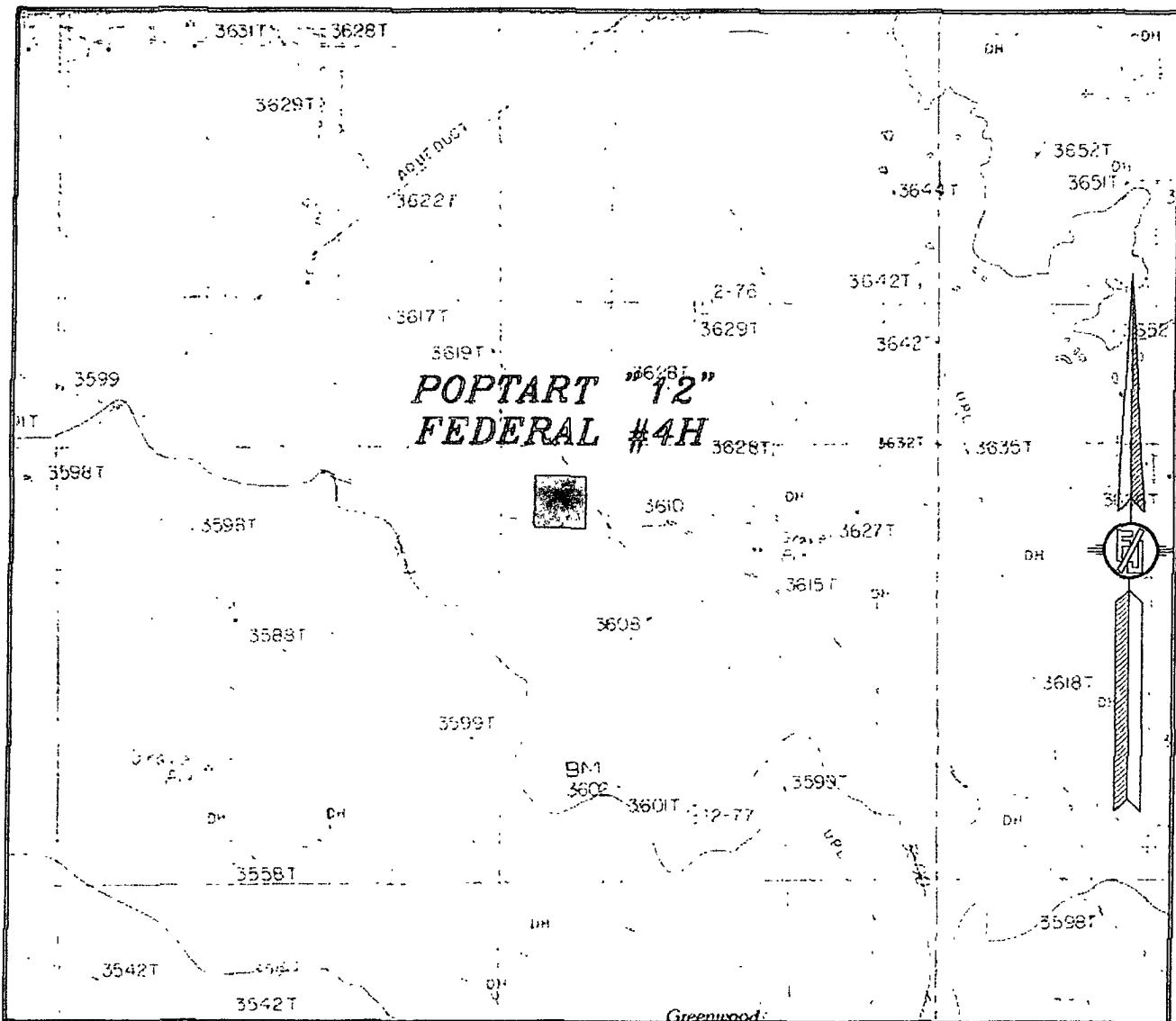
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RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

NOVEMBER 30, 2011

SURVEY NO. 714

MADRON SURVEYING, INC. 501 SOUTH CANAL CARLSBAD, NEW MEXICO

SECTION 12, TOWNSHIP 19 SOUTH, RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO
 LOCATION VERIFICATION MAP



CONTOUR INTERVAL:
 GREENWOOD LAKE

NOT TO SCALE

COG OPERATING, LLC
 POPTART "12" FEDERAL #4H
 LOCATED 660 FT. FROM THE NORTH LINE
 AND 710 FT. FROM THE WEST LINE OF
 SECTION 12, TOWNSHIP 19 SOUTH,
 RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO

NOVEMBER 30, 2011

SURVEY NO. 714

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

701 SOUTH CANA
 (505) 706-9672