

DISTRICT I
1625 N. FRENCH DR., HOBBBS, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-8728

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
CONSERVATION DIVISION
11885 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate

RECEIVED

APR 16 2014

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 41803	Pool Code 14865	Pool Name Cruz; Bone Spring
Property Code 310145	Property Name BRINNINSTOOL UNIT	Well Number 4H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3687.2

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	20	23-S	33-E		330	SOUTH	752	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	20	23-S	33-E		330	NORTH	752	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	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

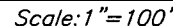
	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Melanie J Parker</i> 1/16/14 Signature Date <i>Melanie J Parker</i> Printed Name <i>mparker@concho.com</i> E-mail Address</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MAY 22, 2013 Date of Survey</p>
	<p>Signature & Seal of Professional Surveyor</p> <p><i>Chad L. Harcrow</i> 6/16/13 Certificate No. CHAD HARCROW 17777 W.O. # 13-324 DRAWN BY: VD</p>

APR 23 2014

NEW MEXICO



FROM THE INTERSECTION OF HWY 128 AND BRINNINSTOOL RD. GO NORTH ON BRINNINSTOOL APPROX. 4 MILES; THEN TURN RIGHT (EAST) ONTO XL RD AND GO .5 MILES; THEN TURN LEFT (NORTH) AND GO APPROX. .5 MILES; THEN TURN LEFT (NORTHWEST) AND GO .2 MILES; THEN TURN LEFT (WEST) AND GO .4 MILES; THEN TURN LEFT (SOUTHWEST) AND GO APPROX. .4 MILES; THEN TURN RIGHT (NORTH) AND GO .25 MILES; THEN TURN LEFT (WEST) AND GO .1 MILES AND PROPOSED WELL IS APPROX. 70 FEET SOUTH.



BRINNINSTOOL UNIT #4H WELL
LOCATED 330 FEET FROM THE SOUTH LINE
AND 752 FEET FROM THE EAST LINE OF SECTION 20,
TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

PAGE: 1 OF 1

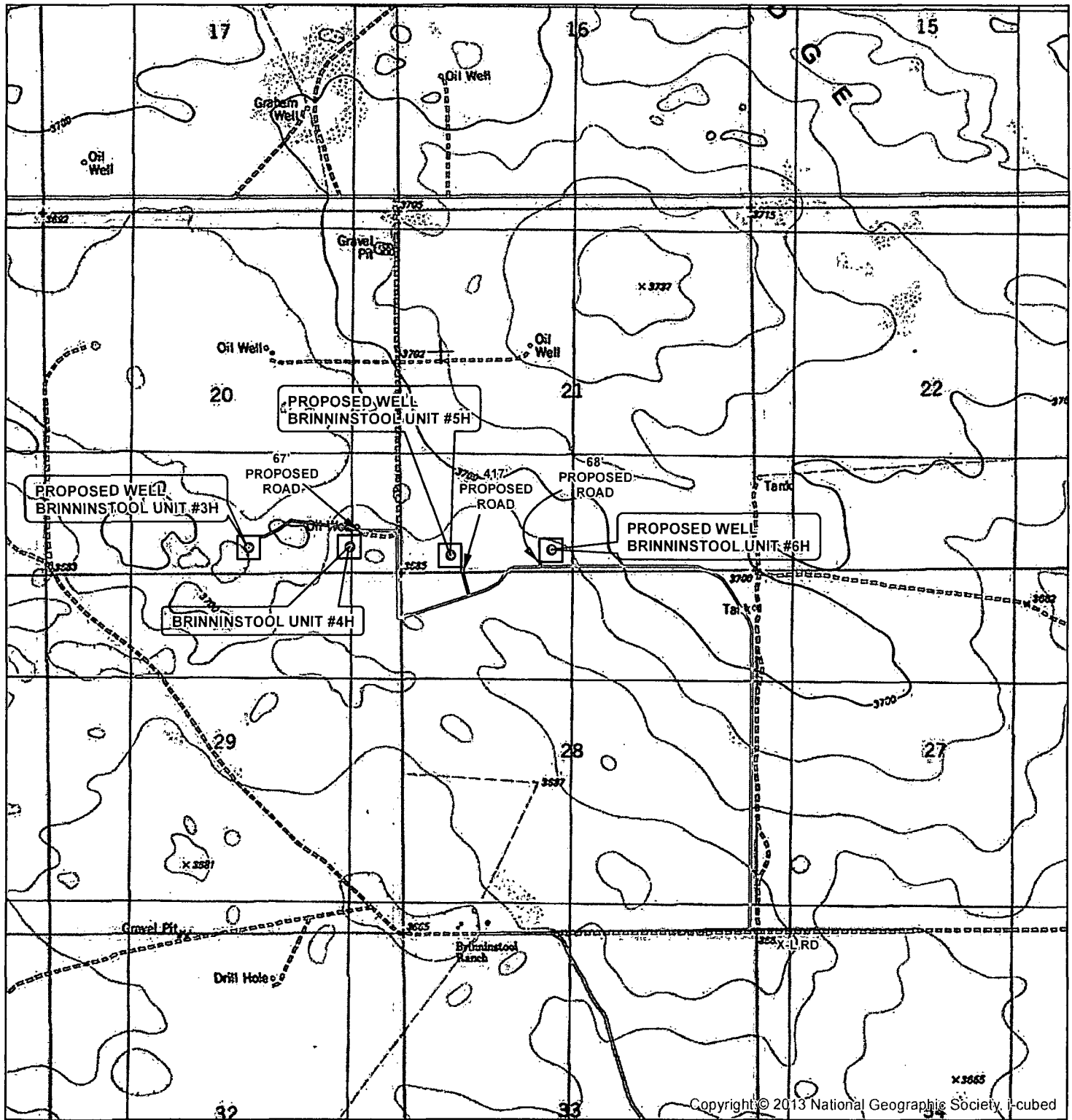
APPROVED BY: CH

DRAWN BY:

FILE: 13-324

EXHIBIT 2

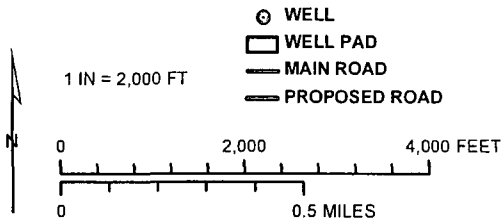
LOCATION VERIFICATION MAP



SEC. 20, TWP. 23 S, RGE. 33 E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: BRINNINSTOOL UNIT #4H
 ELEVATION: 3687.2

OPERATOR: COG OPERATING LLC
 LEASE: BRINNINSTOOL UNIT

W.O. # 13-324

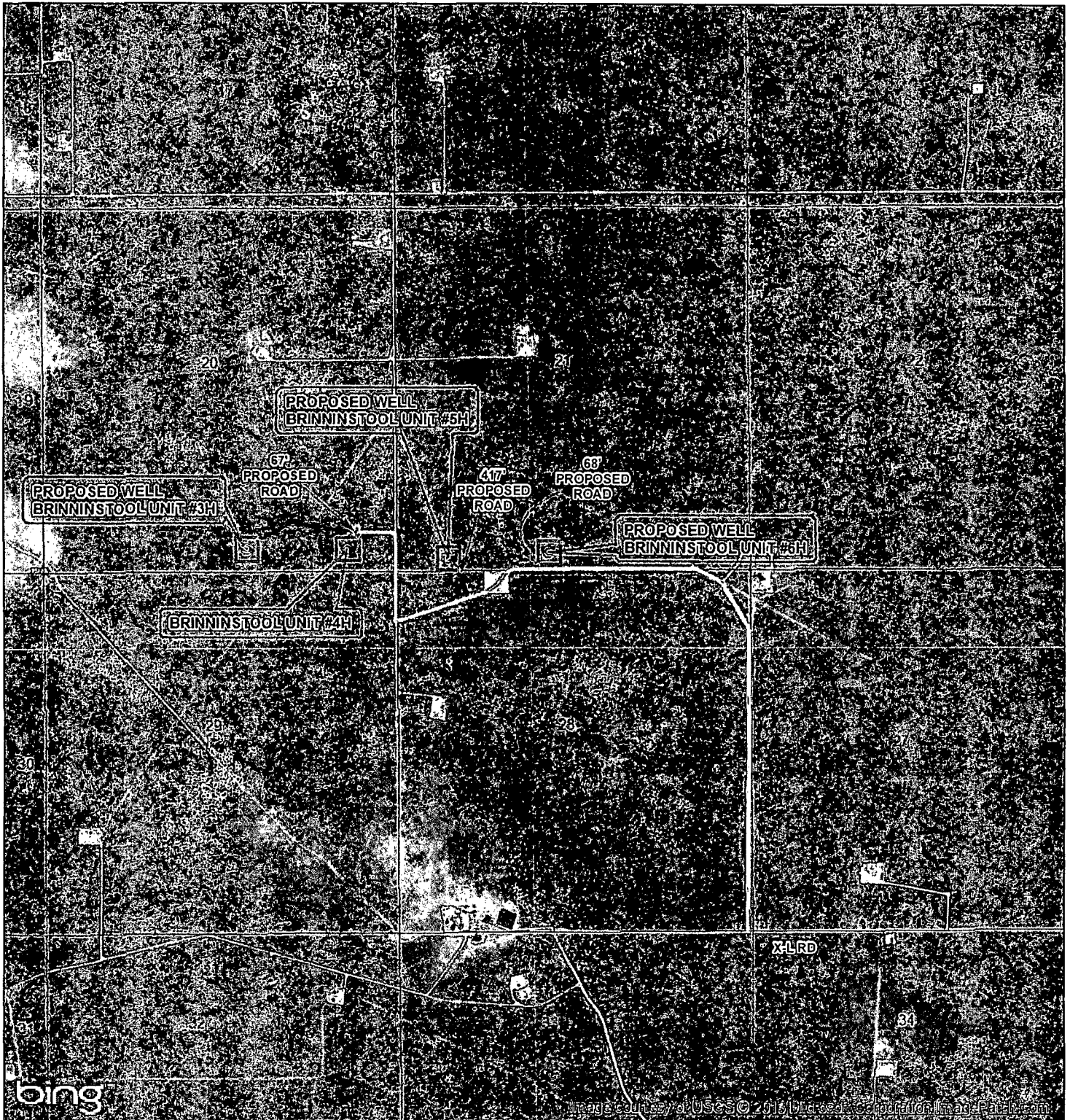


HARCROW SURVEYING, LLC
 1107 WATSON, ARTESIA N.M. 88210
 PH: (575) 513-2570 FAX: (575) 746-2158
 chad_harcrow77@yahoo.com



MAP DATE: 5/30/2013

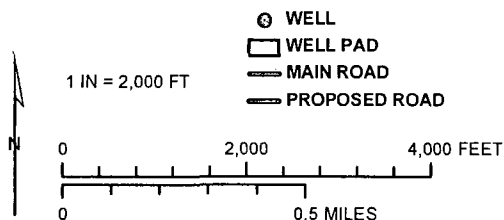
LOCATION VERIFICATION MAP



SEC. 20, TWP. 23 S, RGE. 33 E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: BRINNINSTOOL UNIT #4H
 ELEVATION: 3687.2

OPERATOR: COG OPERATING LLC
 LEASE: BRINNINSTOOL UNIT

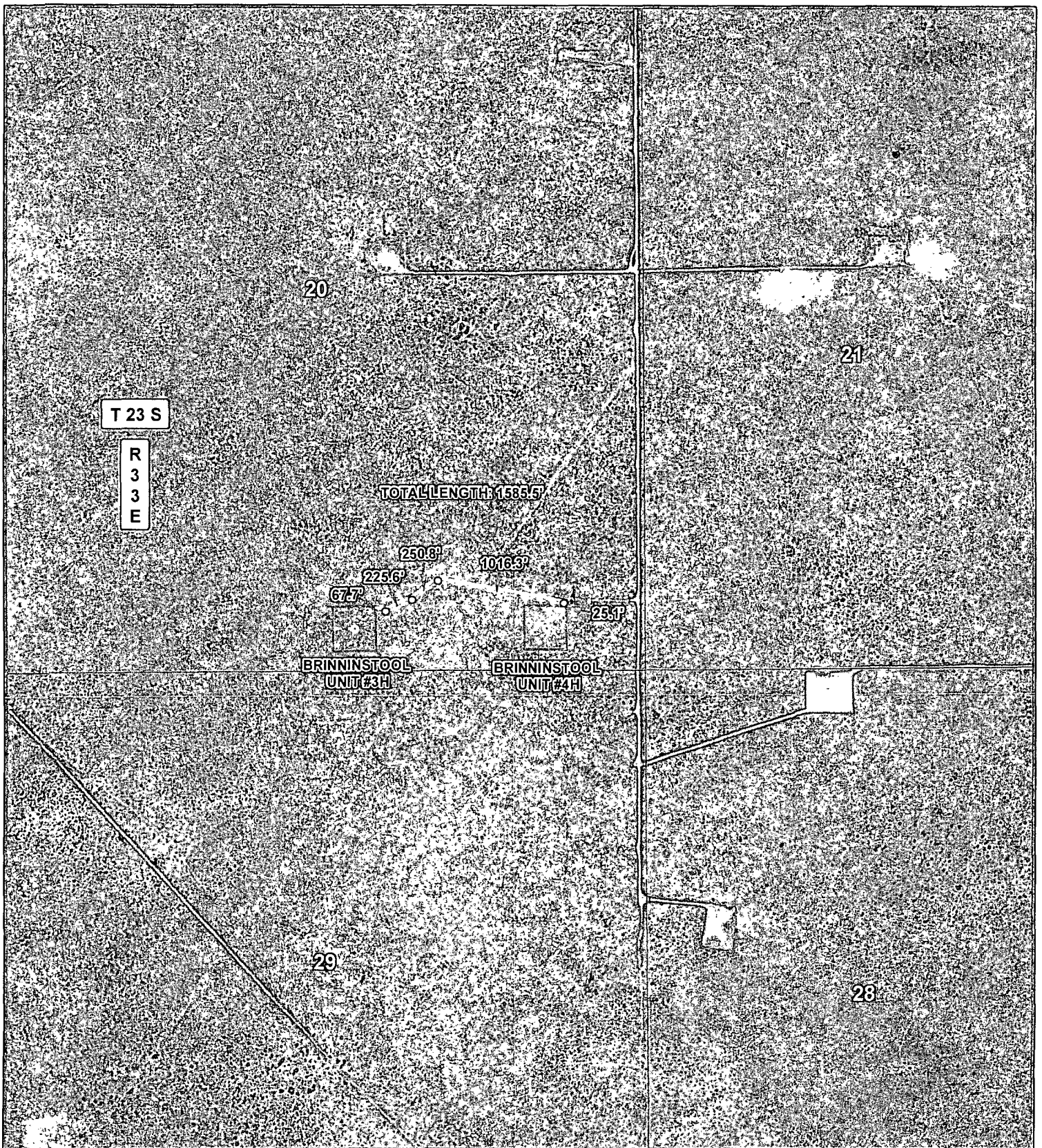
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LEGEND

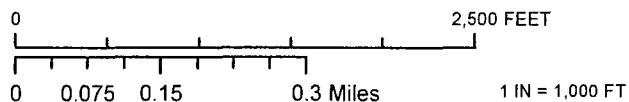
- Well
- Well Pad
- Bend
- Flowline
- Proposed Road

FLOWLINE FROM BRINNINSTOOL UNIT #3H TO #4H

SECTION: 20 TOWNSHIP: 23 S. RANGE: 33 E.

STATE: NEW MEXICO COUNTY: LEA LENGTH: 1585.5'

W.O. # 13-900 LEASE: BRINNINSTOOL UNIT SURVEY: N.M.P.M.



FLOWLINE MAP

IMAGERY

12/2/2013

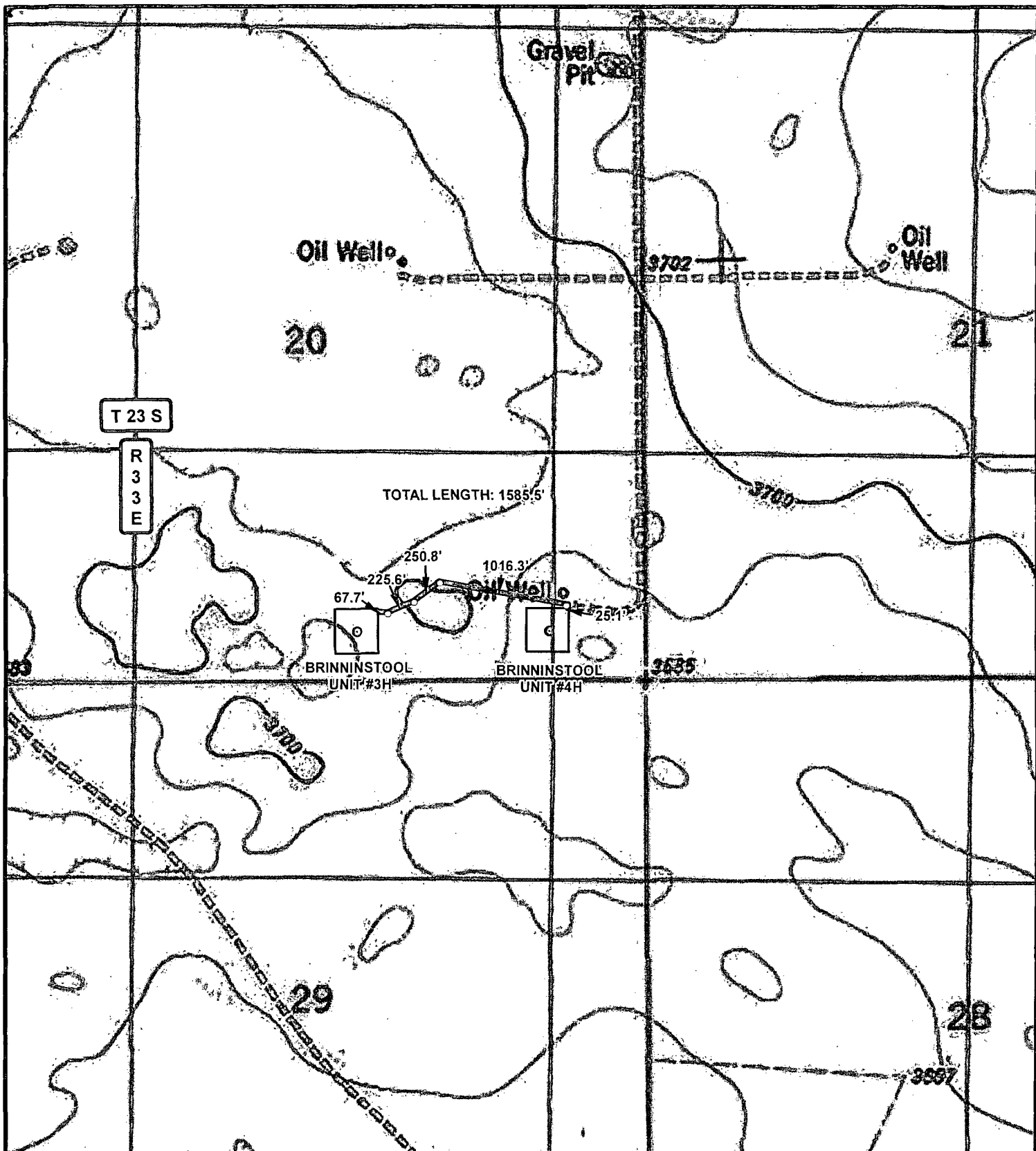
S.P.



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LEGEND

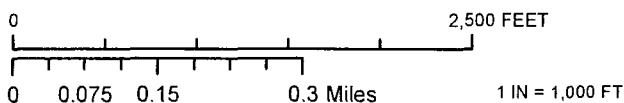
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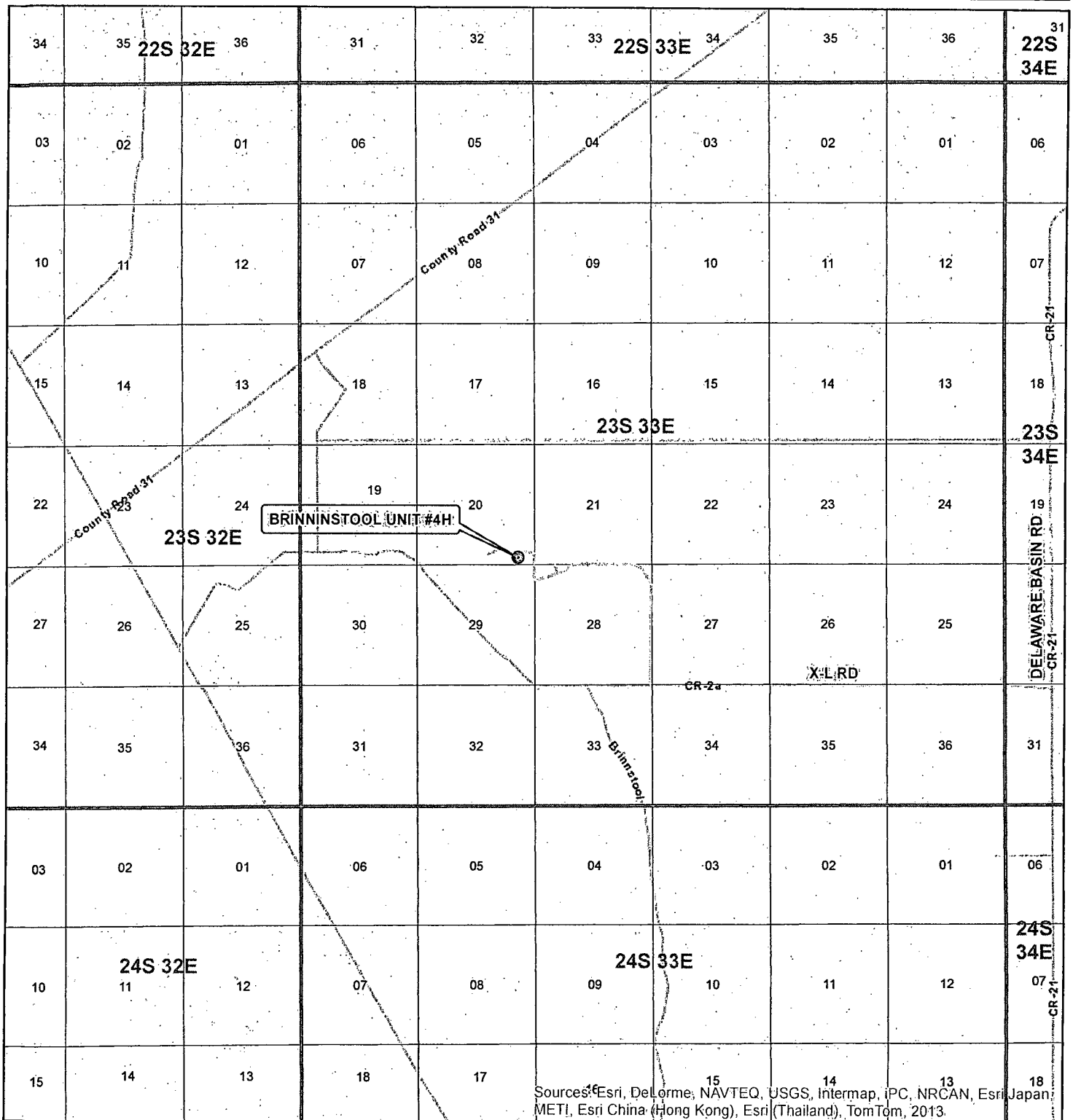
FLOWLINE MAP TOPO 12/2/2013 S.P.

CONCHO
COG OPERATING, LLC

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VICINITY MAP



SEC. 20, TWP. 23 S, RGE. 33 E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: BRINNINSTOOL UNIT #4H
 ELEVATION: 3687.2

OPERATOR: COG OPERATING LLC
 LEASE: BRINNINSTOOL UNIT

W.O. # 13-324



1 IN = 6,000 FT

0 0.5 1 MILES

WELL
 TOWNSHIP
 SECTION

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MAP DATE: 5/31/2013

