

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210
Phone: (575) 746-1283 Fax: (575) 746-8728

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) 476-3482

HOBBS OCD

APR 16 2014

RECEIVED

APR 16 2014

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

HOBBS OCD

APR 16 2014

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

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

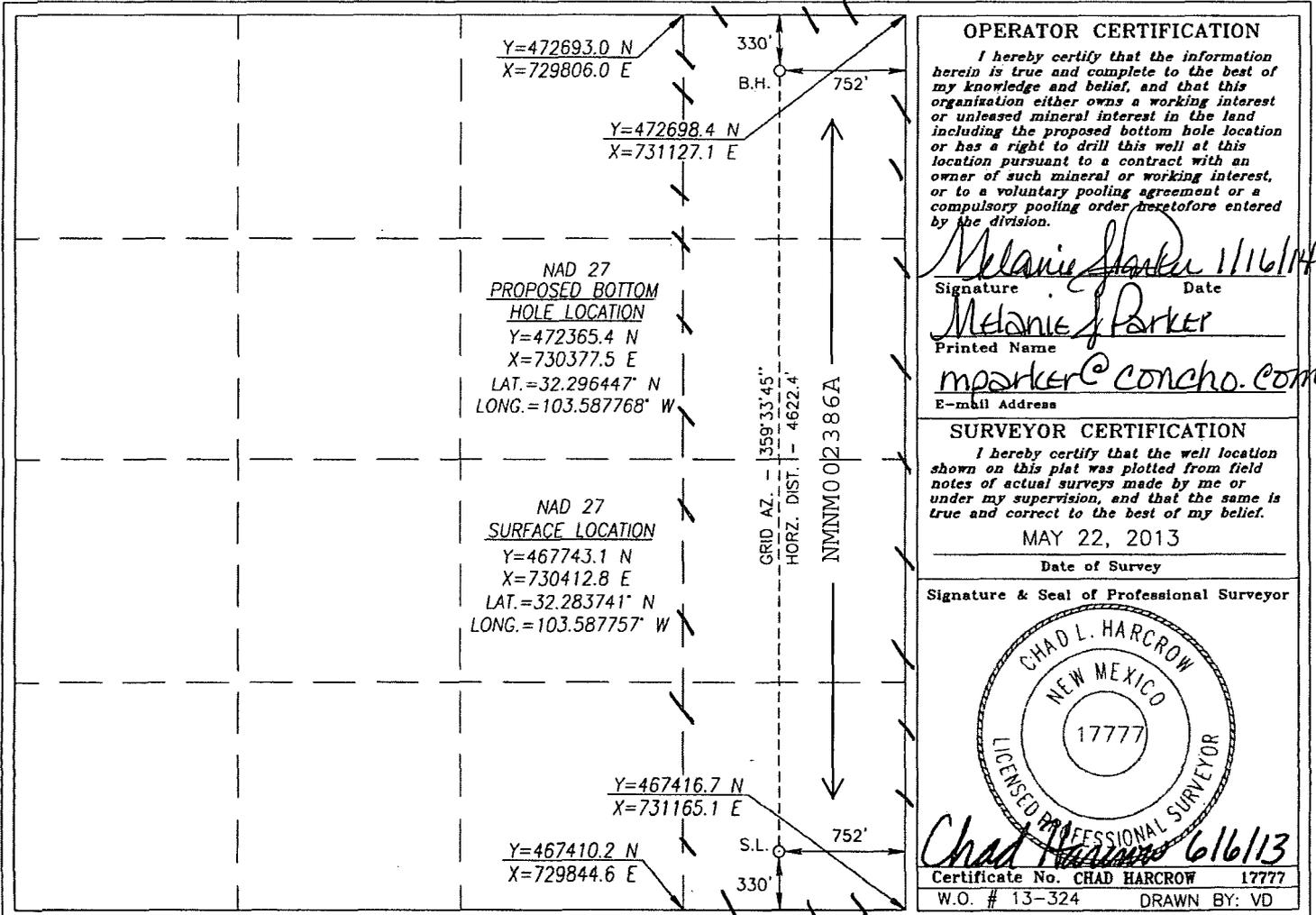
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	20	23-S	33-E		330	SOUTH	752	EAST	LEA

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

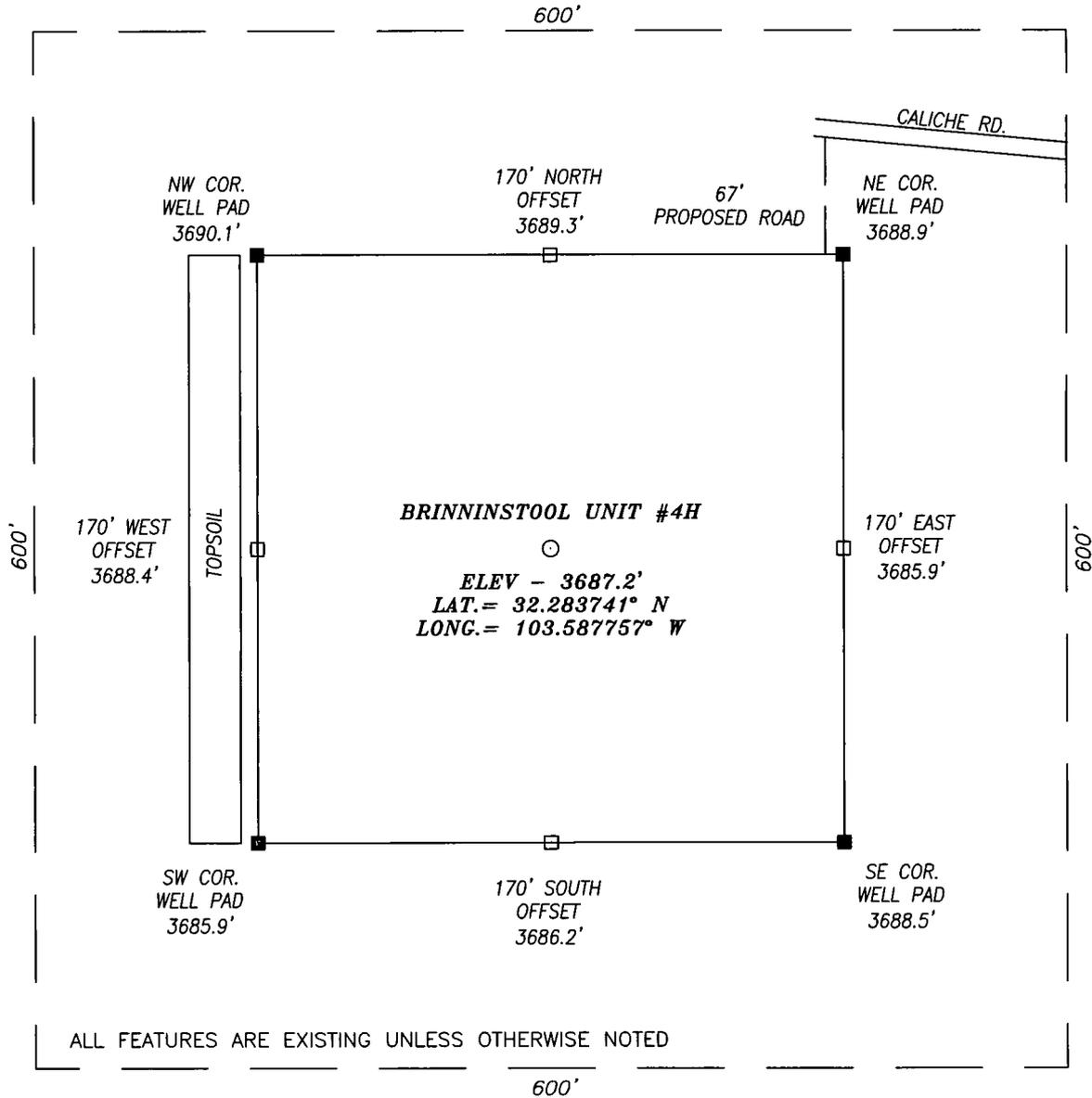
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



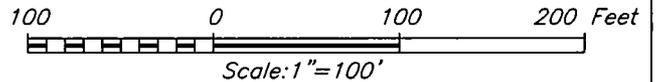
APR 23 2014

SECTION 20, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

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.



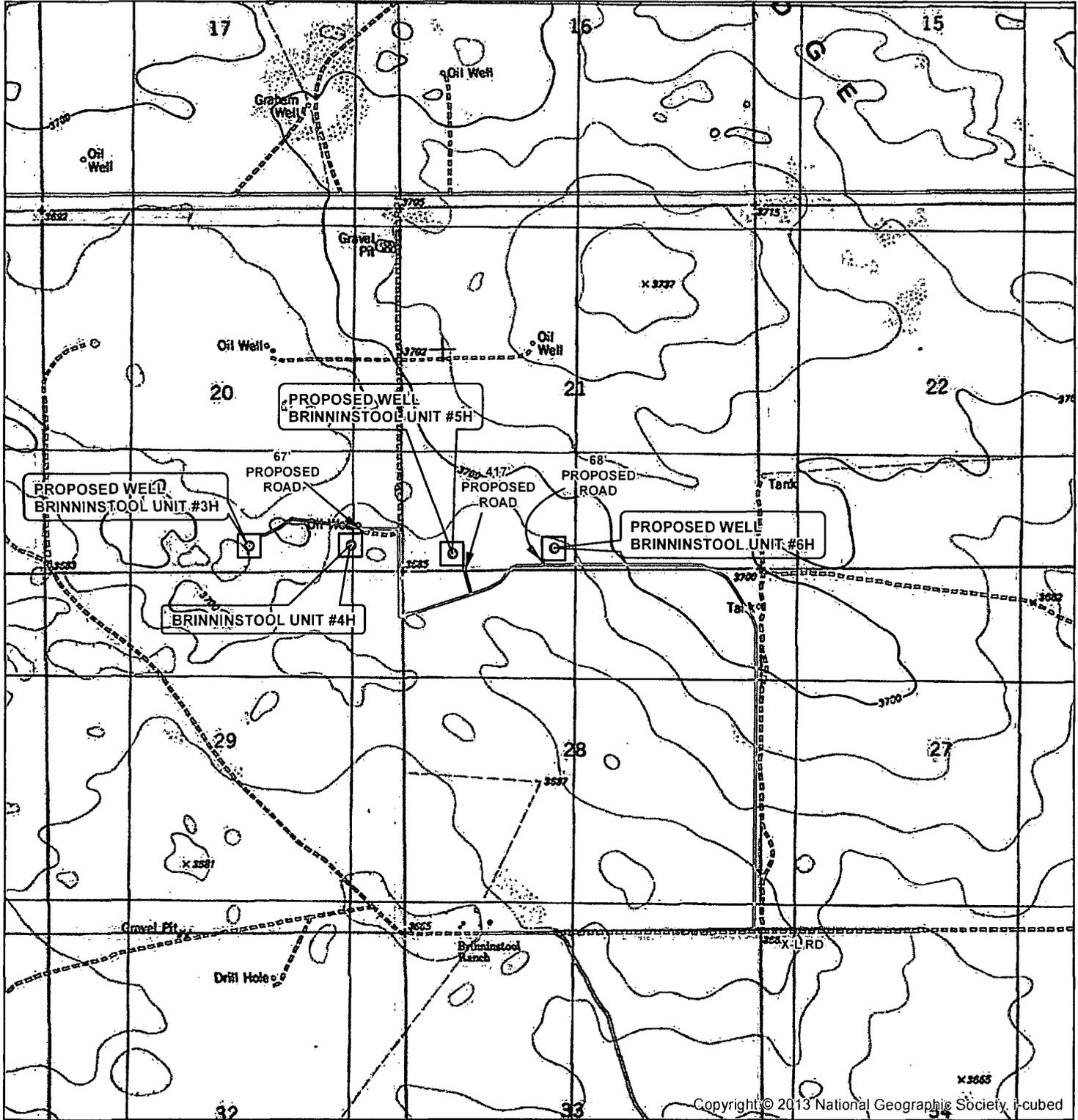
HARCROW SURVEYING, LLC
1107 WATSON, ARTESIA, N.M. 88210
PH: (575) 513-2570 FAX: (575) 746-2158
chad_harcrow77@yahoo.com



COG OPERATING, LLC		
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		
SURVEY DATE: 05/22/2013	PAGE: 1 OF 1	
DRAFTING DATE: 05/29/2013		
APPROVED BY: CH	DRAWN BY: VD	FILE: 13-324

EXHIBIT 2

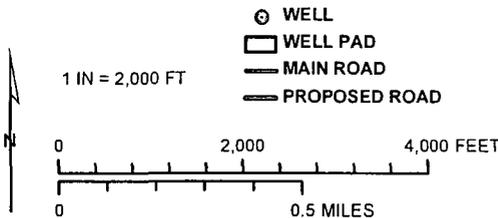
LOCATION VERIFICATION MAP



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

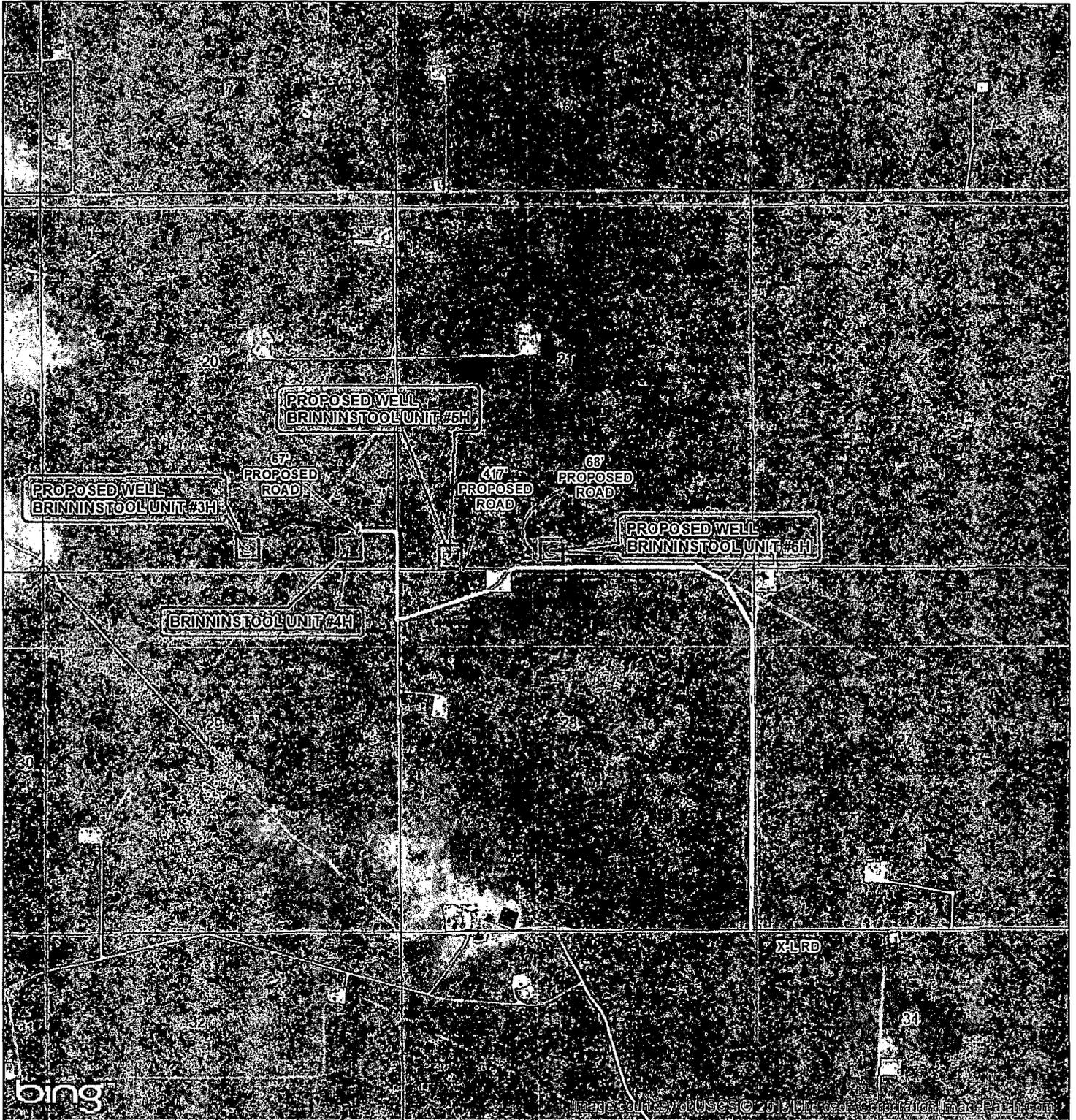


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MAP DATE: 5/30/2013

LOCATION VERIFICATION MAP



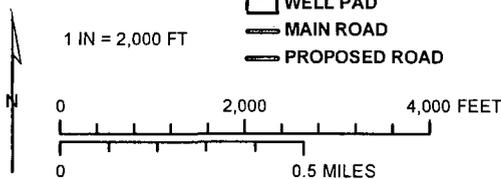
SEC. 20, TWP. 23 S, RGE. 33 E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: BRINNINSTOOL UNIT #4H
 ELEVATION: 3687.2

OPERATOR: COG OPERATING LLC
 LEASE: BRINNINSTOOL UNIT

W.O. # 13-324

- WELL
- WELL PAD
- MAIN ROAD
- PROPOSED ROAD

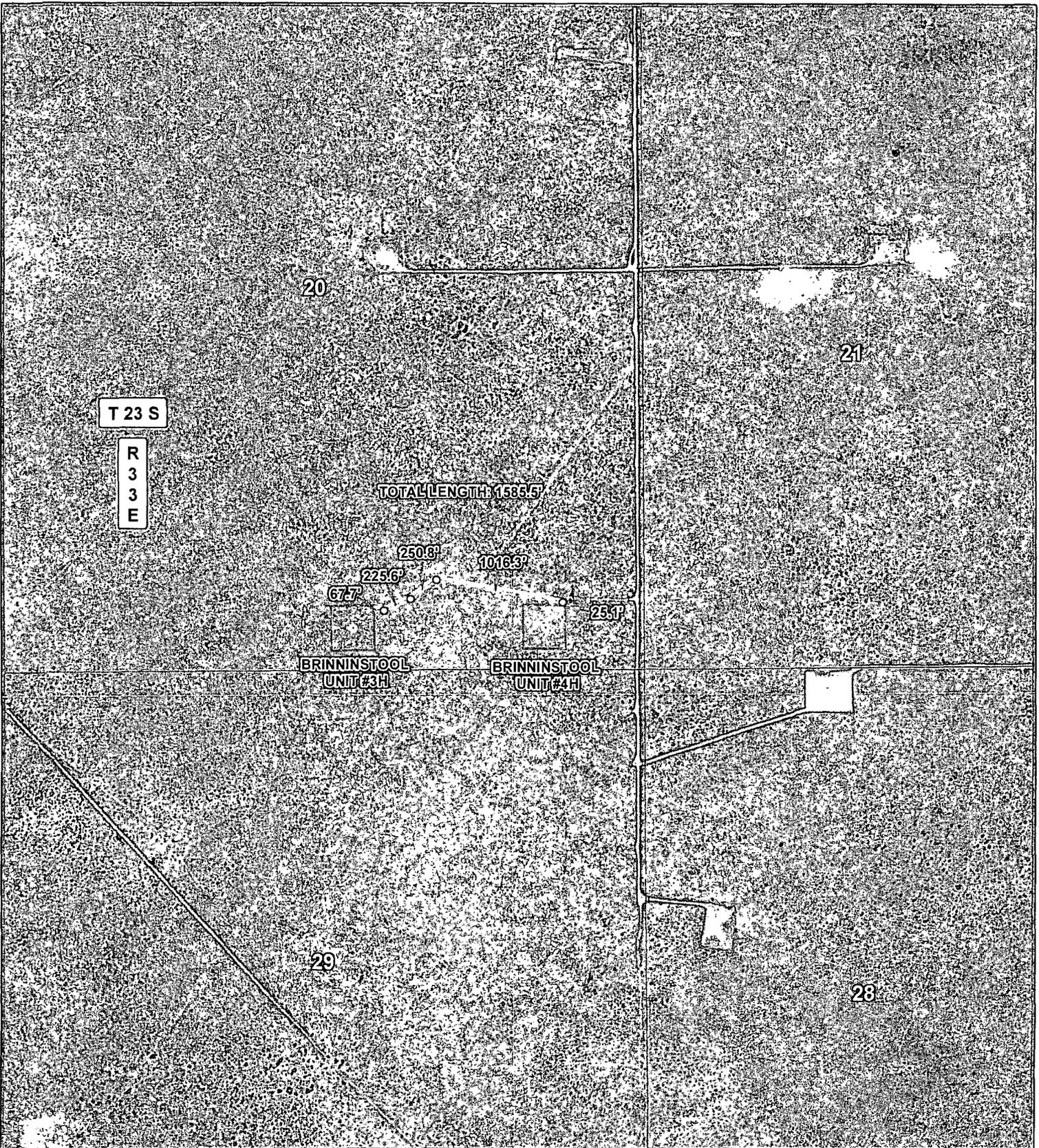
1 IN = 2,000 FT



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MAP DATE: 5/30/2013



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.

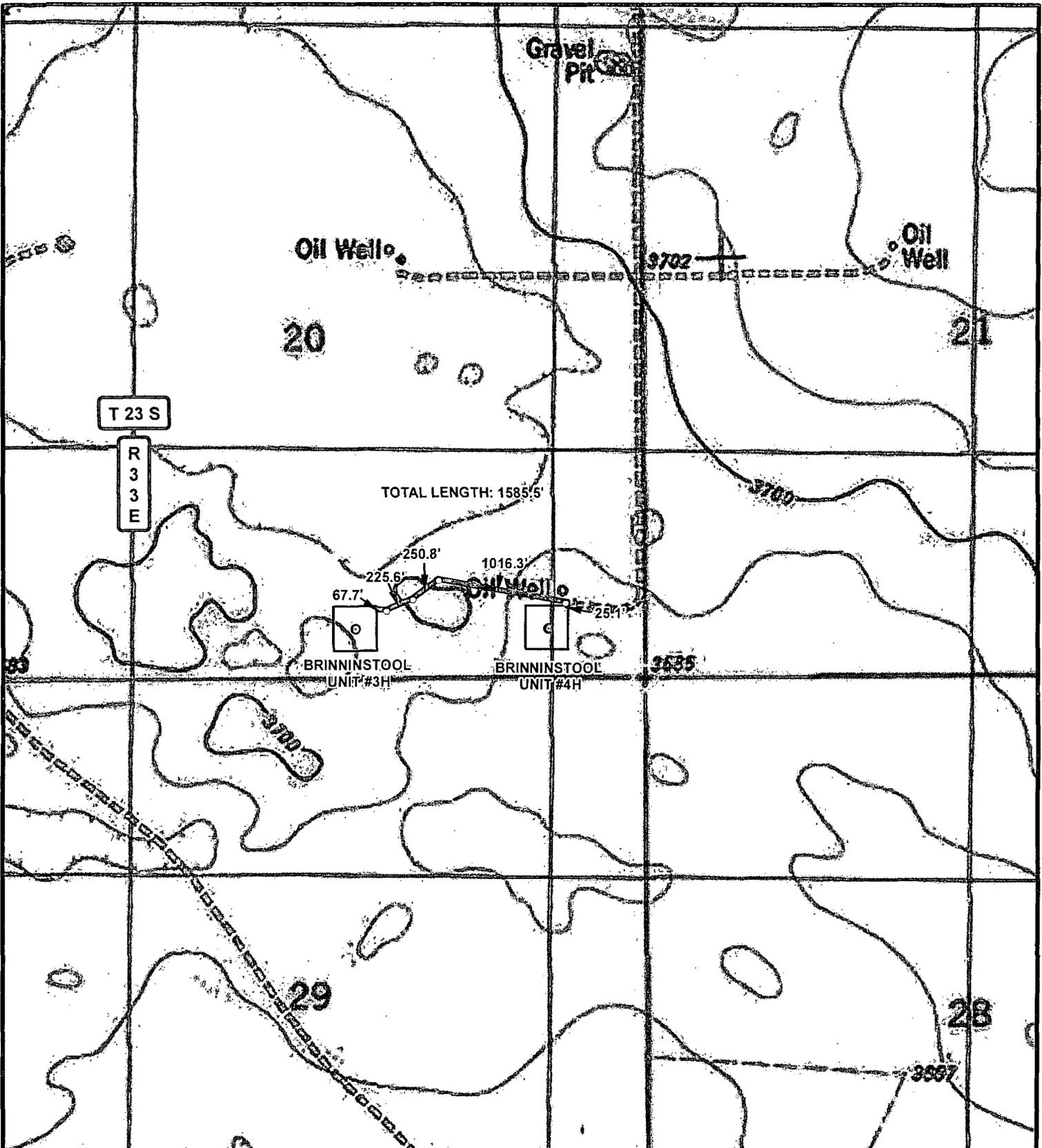
0 2,500 FEET

0 0.075 0.15 0.3 Miles 1 IN = 1,000 FT

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

CONCHO
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LEGEND

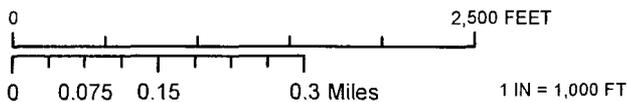
- Well
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FLOWLINE FROM BRINNINSTOOL UNIT #3H TO #4H

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 TOPO 12/2/2013 S.P.

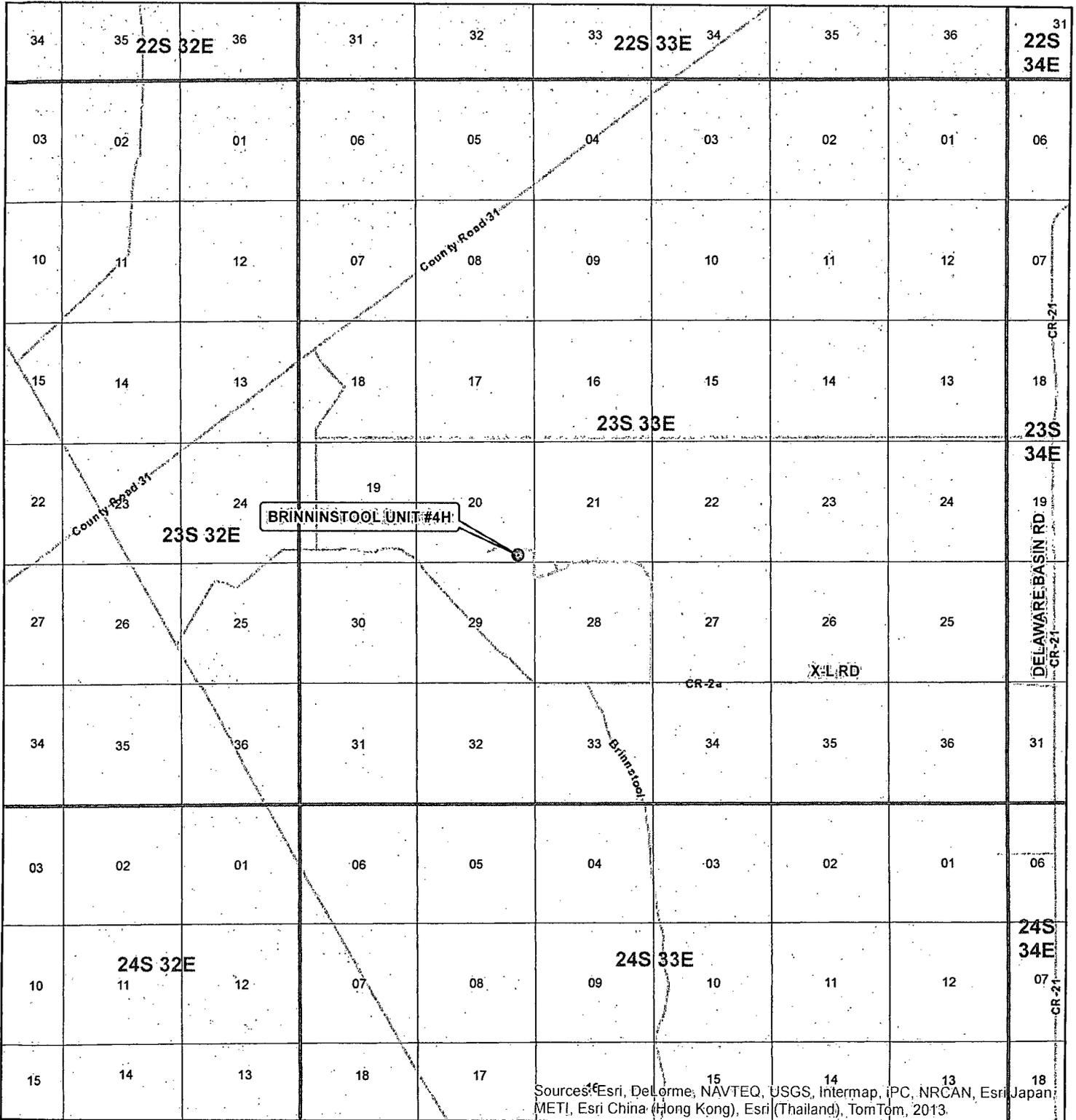


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VICINITY MAP



Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2013.

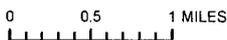
SEC. 20, TWP. 23 S, RGE. 33 E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: BRINNINSTOOL UNIT #4H
 ELEVATION: 3687.2

OPERATOR: COG OPERATING LLC
 LEASE: BRINNINSTOOL UNIT

W.O. # 13-324



1 IN = 6,000 FT



- WELL
- TOWNSHIP
- SECTION

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MAP DATE: 5/31/2013

