

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S First St., Artesia, NM 88210
Phone (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax (505) 476-3462

State of New Mexico
HOBBS OCD Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

JUN 26 2013

Form C-101
Revised November 14, 2012

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address COG Operating LLC 2208 West Main Street Artesia, NM 88210	² OGRID Number 229137 ³ API Number 30-025-34258
⁴ Property Code 39999	⁵ Property Name Gettysburg 16 State SWD
	⁶ Well No 1

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
J	16	23S	34E		1980	South	1980	East	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

9. Pool Information

⁹ Pool Name SWD; Delaware	¹⁰ Pool Code 96100
---	----------------------------------

Additional Well Information

¹¹ Work Type Reentry	¹² Well Type SWD	¹³ Cable/Rotary	¹⁴ Lease Type State	¹⁵ Ground Level Elevation 3423.8'
¹⁶ Multiple N	¹⁷ Proposed Depth 6550'	¹⁸ Formation Delaware	¹⁹ Contractor	²⁰ Spud Date 7/10/2013
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC

Permit Expires 2 Years From Approval Date Unless Drilling Underway

Casing/Cement Program: Additional Comments

See original completion for installed casing strings.
 PU 8 1/2' bit, drill out cement plugs and clean out to 6750'. Spot 100 sx Class C neat cement plug from 6750' to 6550'. Tag plug to verify @ 6550' and re spot plug if necessary. Pick up nickel plated injection packer and set at approximately 4975'. Circulate annulus with packer fluid. Install injection tree. Test tubing x casing annulus to 500 psi for 30 minutes and put well in service as a Delaware open hole SWD 5025' - 6550'.

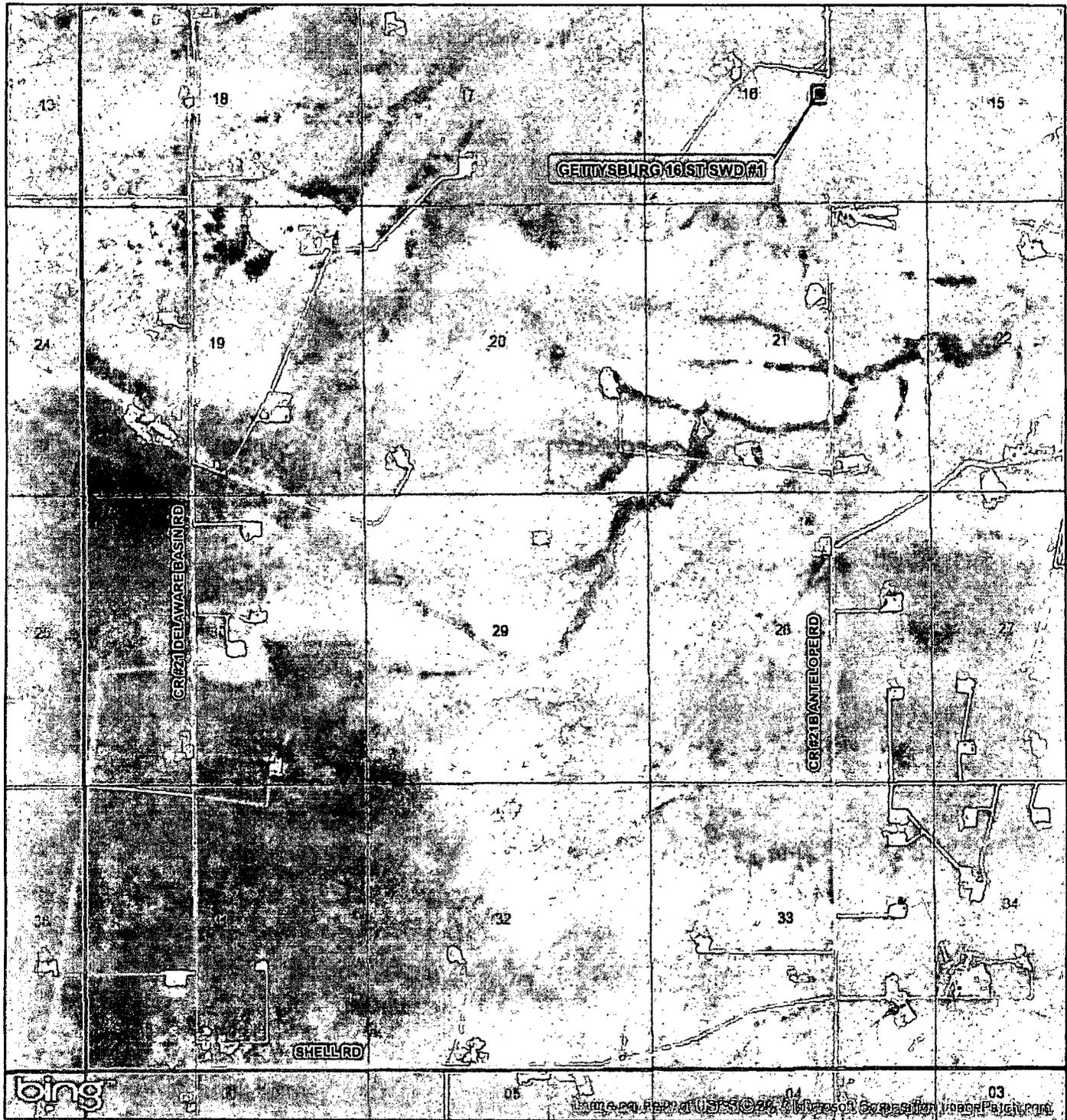
22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydraulic Double Ram	3000	3000	

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature: <i>Mayte Reyes</i>	SWD-1416 OIL CONSERVATION DIVISION
Printed name: Mayte Reyes	Approved By: <i>[Signature]</i> Title: Petroleum Engineer
Title: Regulatory Analyst	Approved Date: _____ Expiration Date: _____
E-mail Address: mreys1@concho.com	Conditions of Approval Attached
Date: 6/25/2013	Phone: 575-748-6945

JUN 26 2013

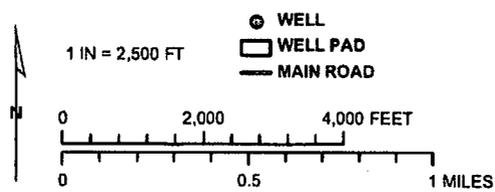
LOCATION VERIFICATION MAP



SEC. 16, TWP. 23 S, RGE. 34 E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: GETTYSBURG 16 ST SWD #1
 ELEVATION: 3423.8

OPERATOR: COG OPERATING LLC
 LEASE: GETTYSBURG 16 ST

W.O. # 13-312

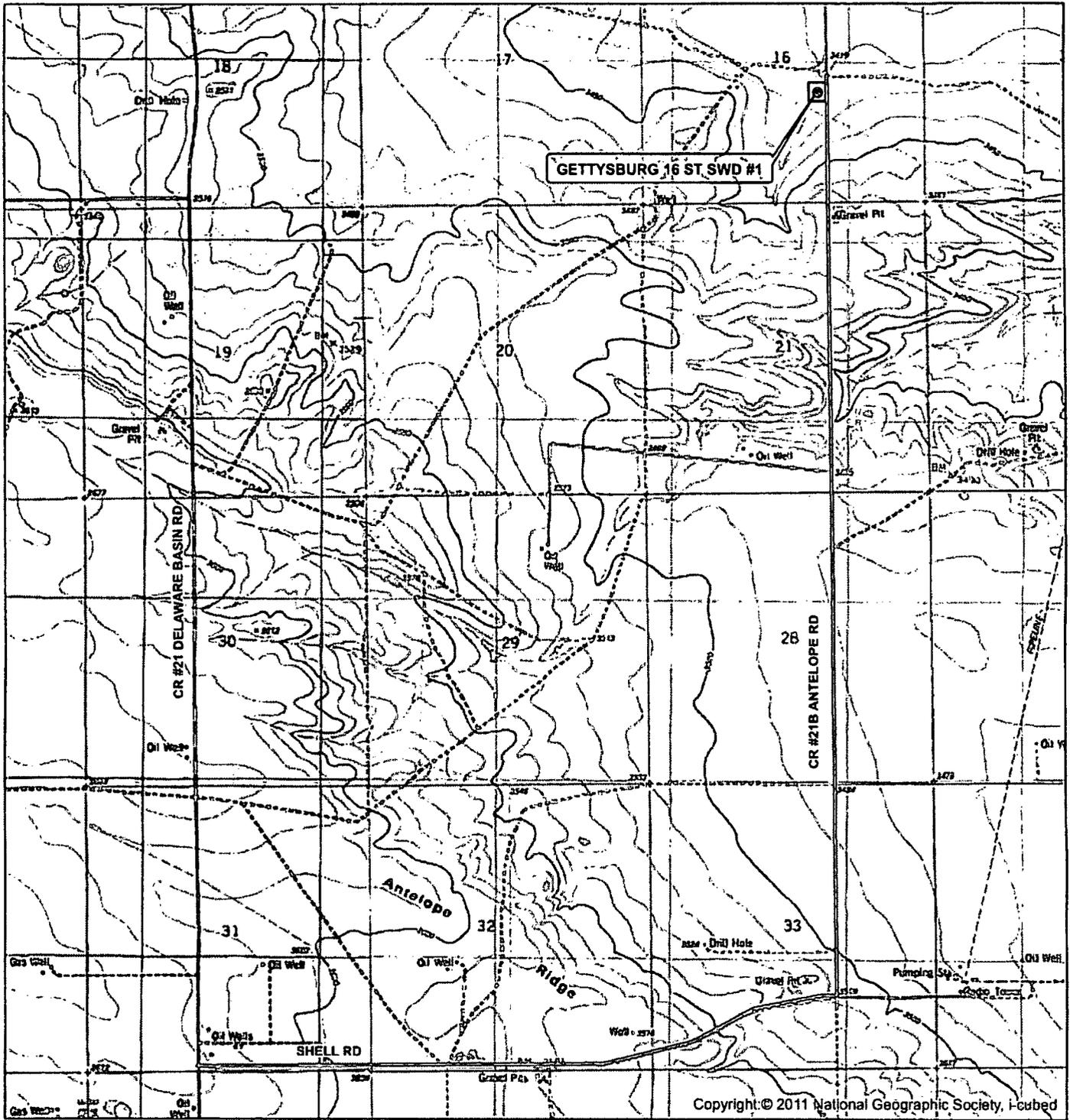


HARCROW SURVEYING, LLC
 1107 WATSON, ARTESIA N.M. 88210
 PH: (575) 513-2570 FAX: (575) 746-2158
 chad_harcrow77@yahoo.com



MAP DATE: 5/30/2013

LOCATION VERIFICATION MAP



Copyright © 2011 National Geographic Society, i-cubed

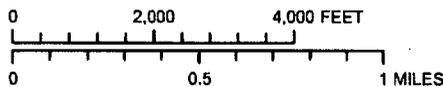
SEC. 16, TWP. 23 S, RGE. 34 E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: GETTYSBURG 16 ST SWD #1
 ELEVATION: 3423.8

OPERATOR: COG OPERATING LLC
 LEASE: GETTYSBURG 16 ST

W.O. # 13-312

- WELL
- WELL PAD
- EXISTING ROAD
- MAIN ROAD

1 IN = 2,500 FT

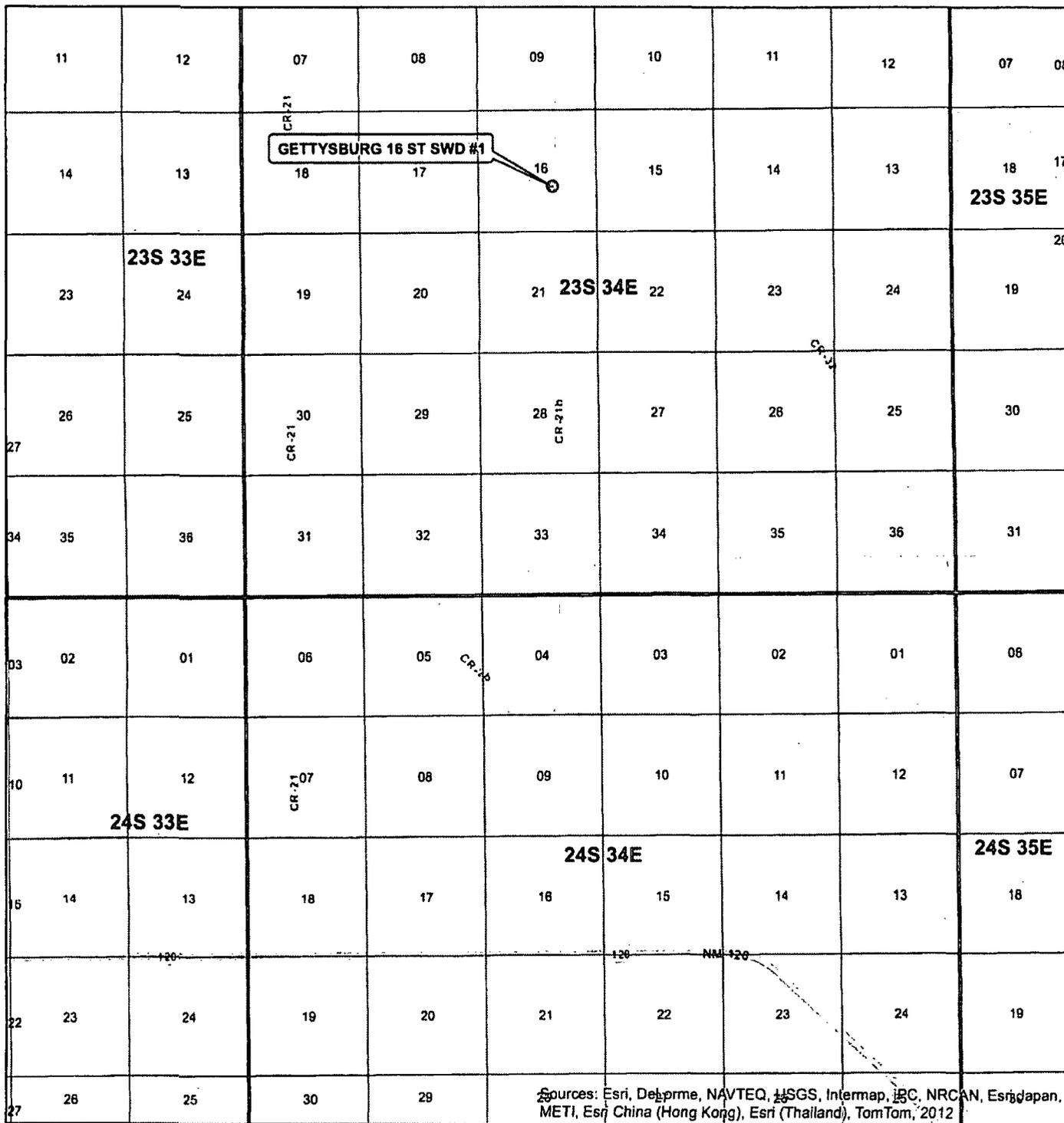


HARCROW SURVEYING, LLC
 1107 WATSON, ARTESIA N.M. 88210
 PH: (575) 513-2570 FAX: (575) 746-2158
 chad_harcrow77@yahoo.com



MAP DATE: 5/30/2013

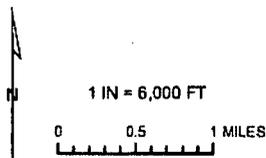
VICINITY MAP



SEC. 16, TWP. 23 S. RGE. 34 E
 SURVEY: N.M.P.M
 COUNTY: LEA STATE: NEW MEXICO
 DESCRIPTION: GETTYSBURG 16 ST SWD #1
 ELEVATION: 3423.8

OPERATOR: COG OPERATING LLC
 LEASE: GETTYSBURG 16 ST

W.O. # 13-312



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



MAP DATE: 6/4/2013