

ATS-11-797

OCD-HOBBS

HOBBS OCD

SECRETARY'S POTASH

Form 3160-3
(April 2004)

DEC 20 2011

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER		5. Lease Serial No. 154 1402 BH NM-14794, NM-38181, State Minerals	
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Cimarex Energy Co. of Colorado <162683>		7. If Unit or CA Agreement, Name and No NM-70984-X Maduro Unit	
3a. Address 600 N. Marienfeld St., Ste. 600; Midland, TX 79701		8. Lease Name and Well No. Maduro Unit No. 93005317	
3b. Phone No. (include area code) 432-571-7800		9. API Well No. 30-025- 40437	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At Surface 29-19S-33E 330 FNL & 1060 FWL At proposed prod Zone 32-19S-33E 2310 FNL & 660 FWL Horizontal Bone Spring test		10. Field and Pool, or Exploratory Bone Spring, South <272207	
11. Sec., T. R. M. or Blk. and Survey or Area 29 & 32, 19S-33E		12. County or Parish Lea	
13. State NM		14. Distance in miles and direction from nearest town or post office*	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line if any) 330'	16. No of acres in lease NM-14794 - 400 acres NM-38181 - 120 acres	17. Spacing Unit dedicated to this well W2W2 29-19S-32E - 160 acres W2NW 32-19S-32E - 80 acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 2244'	19. Proposed Depth MD 17086 TVD 9900	20. BLM/BIA Bond No. on File NM-2575	
21. Elevations (Show whether DF, KDB, RT, GL, etc) 3598' GR	22. Approximate date work will start* 09.01.11	23. Estimated duration 25-30 days	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above) |
| 2. A Drilling Plan | 5. Operator Certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature Zeno Farris	Name (Printed/Typed) Zeno Farris	Date 06.22.11
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Title

Manager Operations Administration

Approved By (Signature) 151 Timothy M. Murphy	Name (Printed/Typed) 151 Timothy M. Murphy	Date DEC 13 2011
Title STATE DIRECTOR	Office NM STATE OFFICE	

Application approval 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

Conditions of approval, if any, are attached

APPROVAL FOR TWO YEARS

Title 18 U.S.S. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to 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)

Capitan Controlled Water Basin

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

KZ 02/14/2012 APPROVAL SUBJECT TO
GENERAL REQUIREMENTS
AND SPECIAL STIPULATIONS
ATTACHED

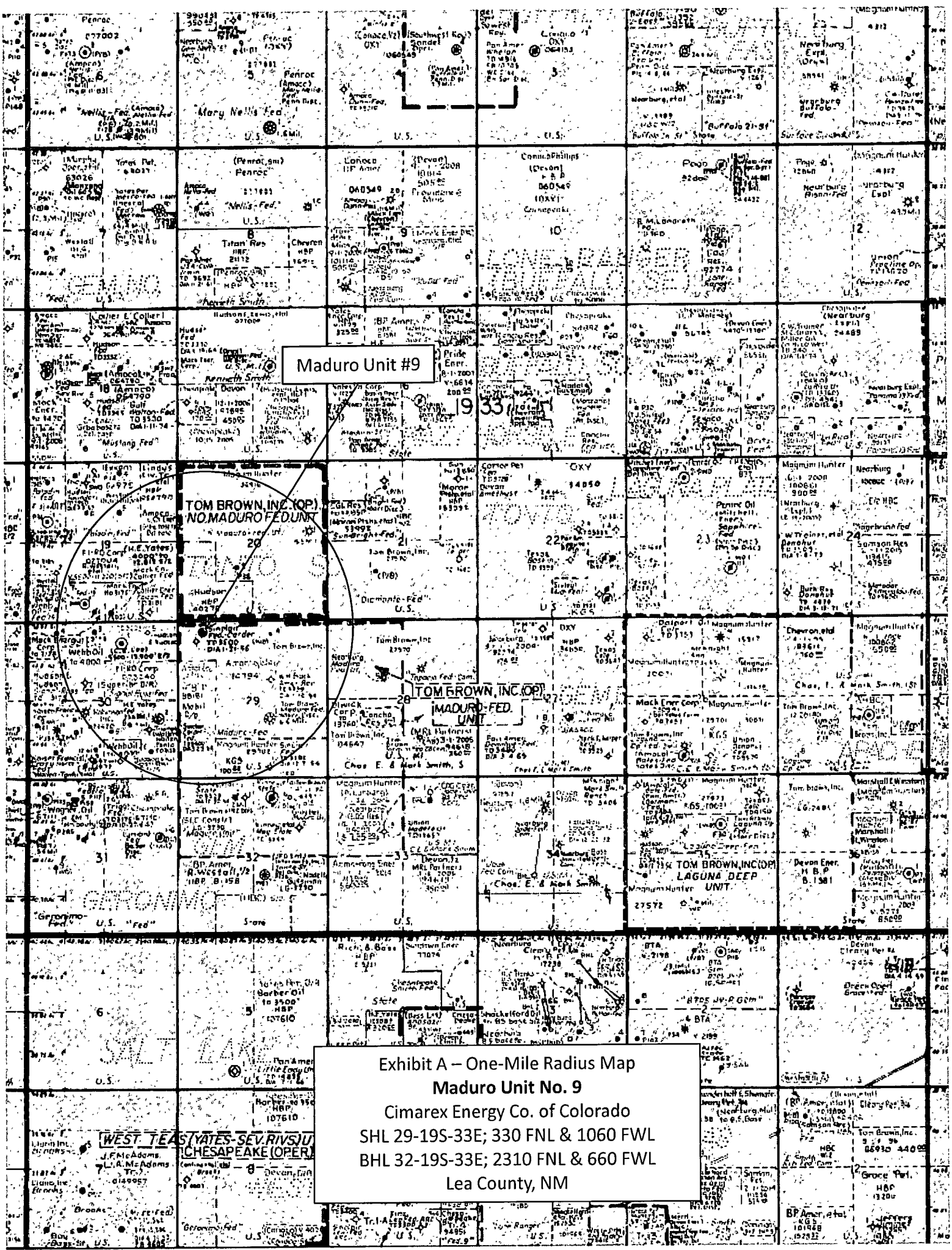
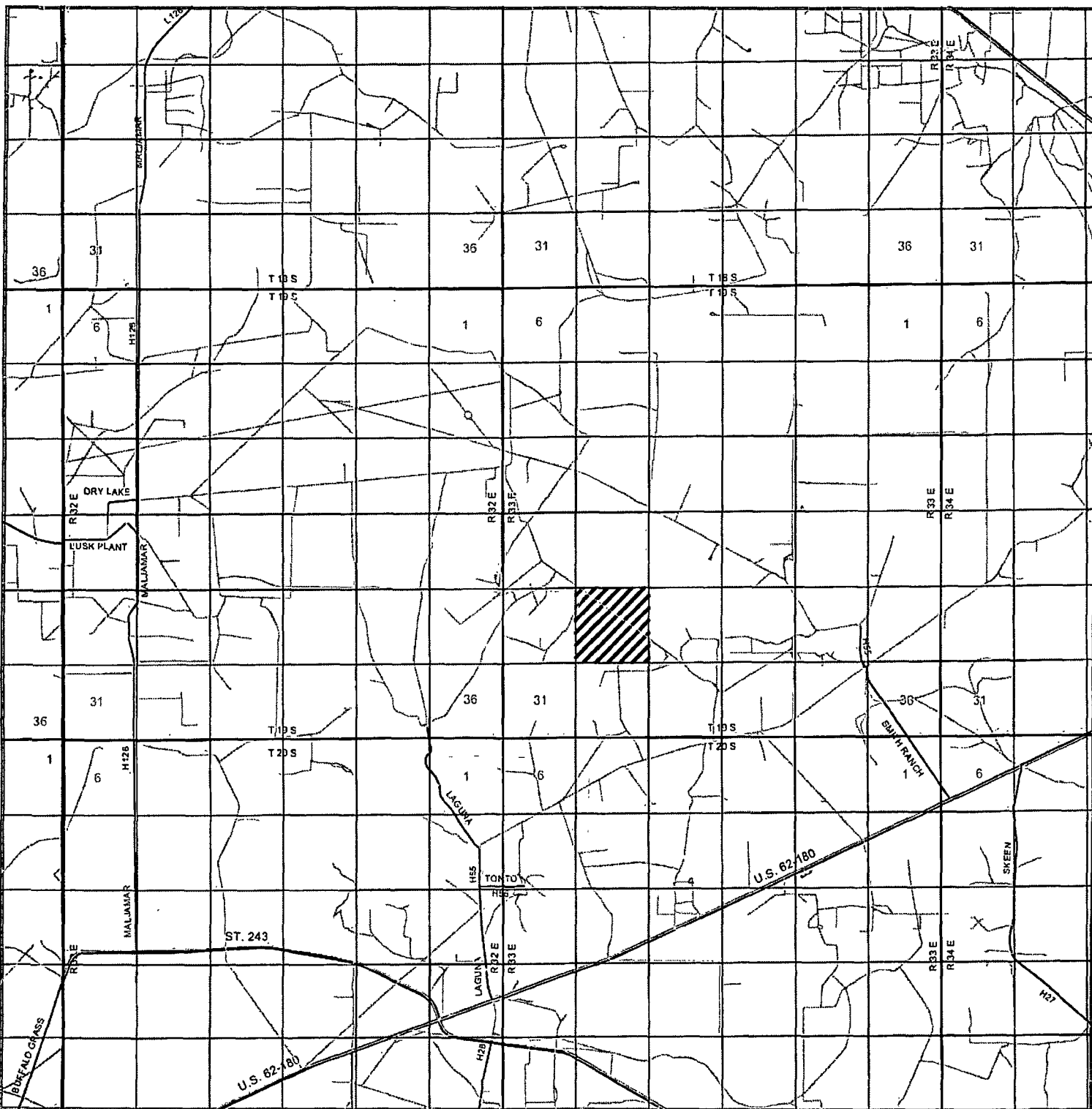


Exhibit A - One-Mile Radius Map

Maduro Unit No. 9

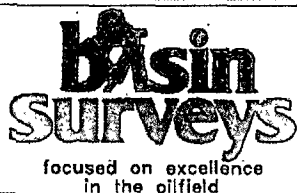
Cimarex Energy Co. of Colorado
SHL 29-19S-33E; 330 FNL & 1060 FWL
BHL 32-19S-33E; 2310 FNL & 660 FWL
Lea County, NM



MADURO UNIT #9

Located 330' FNL and 1060' FWL

Section 29, Township 19 South, Range 33 East,
N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(575) 393-7316 - Office
(575) 392-2206 - Fax
basinsurveys.com

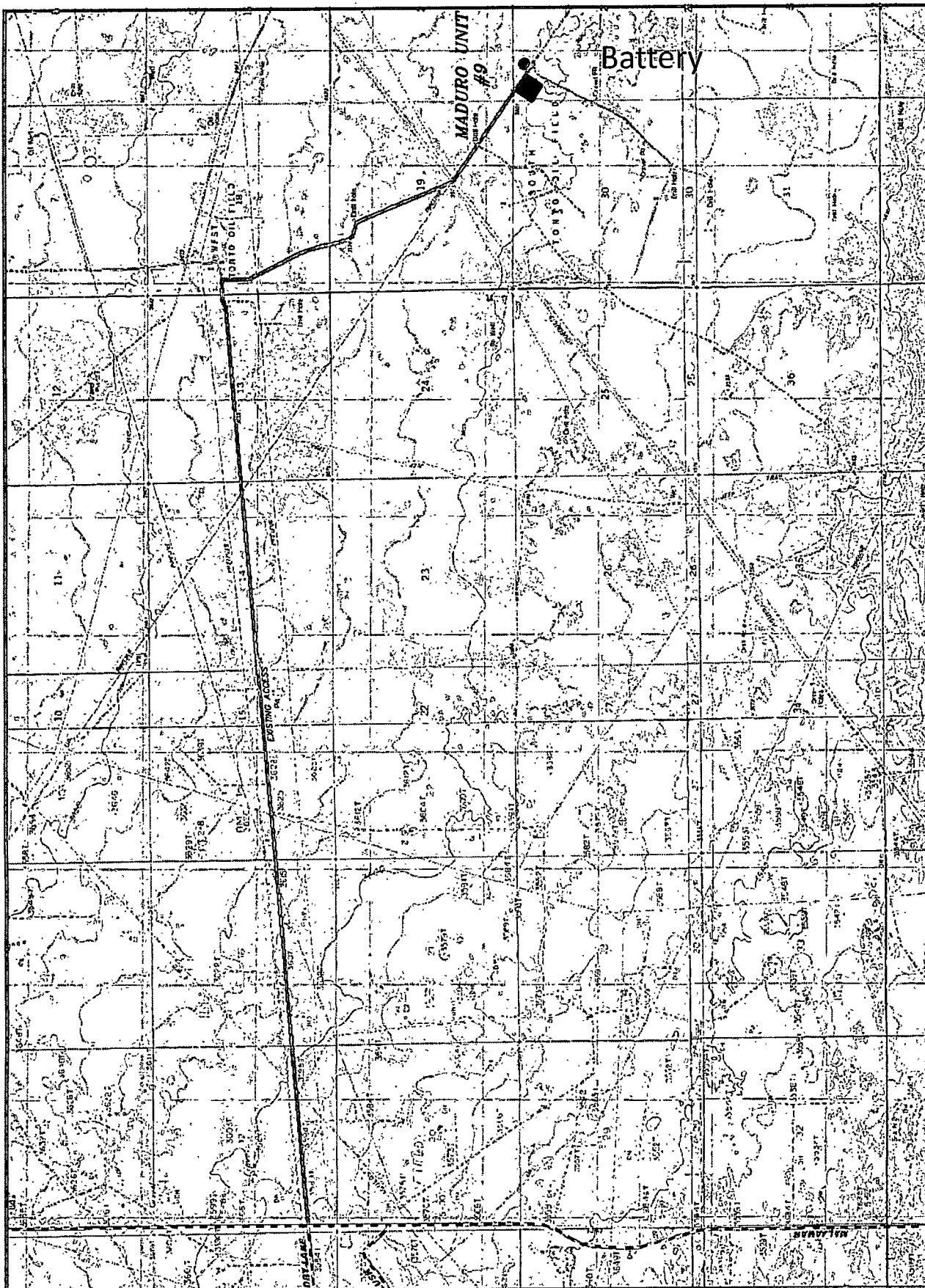
W.O. Number: JMS 22782

Survey Date: 05-24-2010

Scale: 1" = 2 Miles

Date: 05-27-2010

**CIMAREX
ENERGY CO.
OF COLORADO**



MADURO UNIT #9
 Located 330' FNL and 1060' FWL
 Section 29, Township 19 South, Range 33 East,
 N.M.P.M., Lea County, New Mexico.



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surveys
 focused on excellence
 in the oilfield

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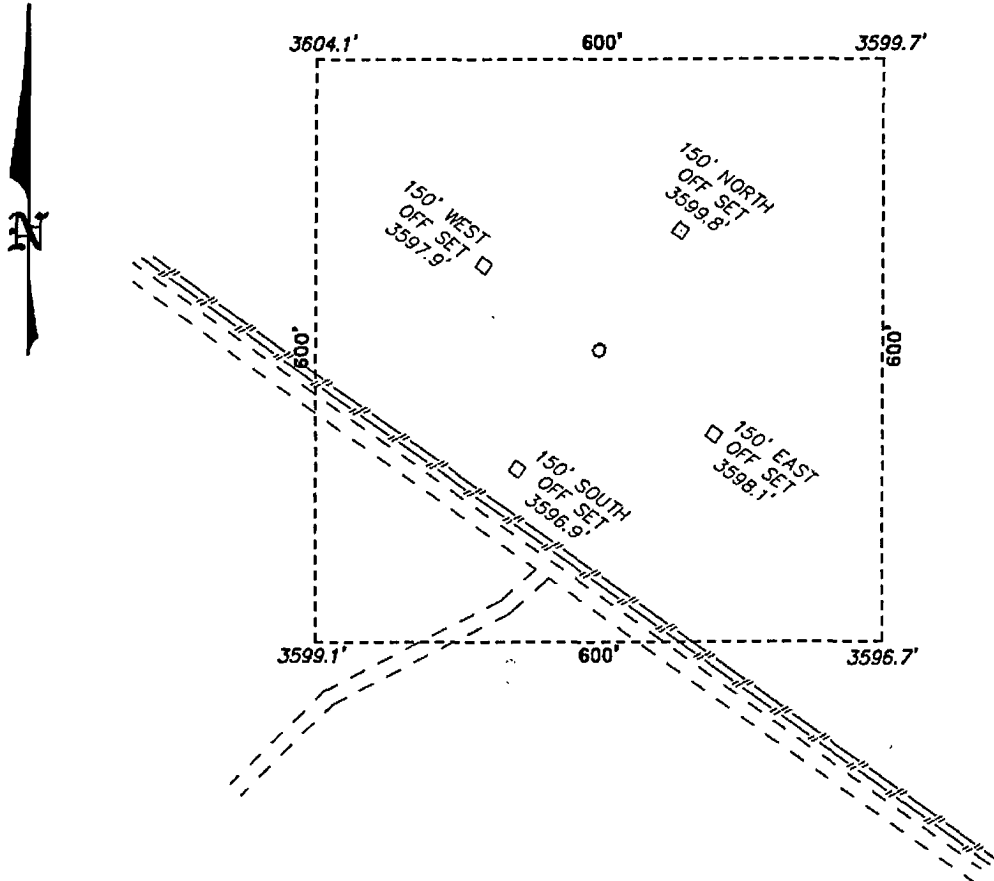
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Scale: 1" = 4000'

Date: 05-27-2010

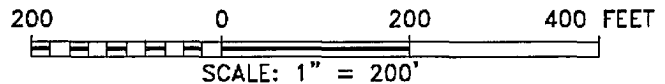
CIMAREX
ENERGY CO.
OF COLORADO

SECTION 29, TOWNSHIP 19 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY,
NEW MEXICO.



CIMAREX ENERGY CO. OF COLORADO
MADURO UNIT #9
ELEV. - 3598'

Lat - N 32°38'15.41"
Long - W 103°41'25.57"
NMSPCE- N 596293.8
E 739238.2
(NAD-83)



Directions to Location:

FROM THE JUNCTION OF DRY LAKE AND MALJAMAR,
GO EAST ON LEASE ROAD FOR 5.2 MILES TO LEASE
ROAD, ON LEASE ROAD GO SOUTHEASTERLY 2.2
MILES TO PROPOSED LOCATION.

CIMAREX ENERGY CO. OF COLORADO

REF: MADURO UNIT #9 / WELL PAD TOPO

THE MADURO UNIT #9 LOCATED 330'

FROM THE NORTH LINE AND 1060' FROM THE WEST LINE OF
SECTION 29, TOWNSHIP 19 SOUTH, RANGE 33 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 22782 Drawn By: J. SMALL

Date: 05-27-2010 Disk: JMS 22782

Survey Date: 05-24-2010

Sheet 1 of 1 Sheets