

30-025-41360

ONSHORE ORDER NO. 1  
Chesapeake Agent for Chevron

CONFIDENTIAL – TIGHT HOLE  
SURFACE USE PLAN

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal and Indian Oil and Gas Leases

HOBBS OCD

AUG 22 2013

1. **EXISTING ROADS/LEASE ROADS**

RECEIVED

Driving directions are from Jal NM. West on HWY 128 21 miles to CR 21, Turn North and go approximately 7 miles to an existing caliche road on the west side that will have Chevron signs on it, turn west and go 2 ½ miles to an existing caliche lease road, turn North and go 1 mile and you will be within Section 11. The location is 31.5 miles from the nearest town, which is Jal, NM.

The proposed lease road 4' in length and 14' in travel way width with a maximum disturbance area of 30' will be used, and in accordance with guidelines set forth in the BLM Onshore Orders. No turnouts are expected.

Existing county and lease roads will be used to enter proposed access road.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Location, access, and vicinity plats attached hereto. **See Exhibits A-1 to A-4.**

2. **NEW OR RECONSTRUCTED ACCESS ROADS**

There will be Very little of new access to be constructed.

The new access road will be upgraded to a crowned and ditched road and will be graveled as needed for drilling. If requested by the surface owner, upgrading of this portion of the road will be kept to a minimum.

All existing roads (previously improved) will be used "as is" with the exception of minor blading as needed.

Surface disturbance and vehicular travel will be limited to the approved access route. Any additional area will be approved in advance.

Road Width: 14 – 20 feet traveling surface.

Maximum Grade: Road gradient less than 8%

Crown Design: 2%

AUG 26 2013

Turnouts will be installed along the access route as needed.

Ditch design: Drainage, interception and outlet.

Erosion Control: 6" rock under road.

Re-vegetation of Disturbed Area: All disturbed areas will be seeded by Broadcast or Drill and Crimp. Ground conditions will determine the method used.

Cattle guard(s) will be installed as needed.

Major Cuts and Fills: 2:1 Slope.

Surfacing material (road base derived from caliche or river rock) will be placed on the access road during construction. All surface disturbing activities will be discussed with and agreed to with the surface owner.

### 3. LOCATION OF EXISTING WELLS

All wells located within a 1-mile radius of the proposed location. **See Exhibit B.**

### 4. LOCATION OF PRODUCTION FACILITIES

It is anticipated that production facilities will be located on the East side of the Limestone 11-23-33 FED 1H well pad and oil to be sold at that tank battery.

The production line will be buried 3 1/2" Fiberglass Pipe with a working pressure greater than 100 psi ran along existing disturbances.

Oil and gas measurement will be installed on this well location. **See Exhibits C.**

### 5. LOCATION AND TYPES OF WATER SUPPLY

Water will be obtained from a private water source.

Chesapeake will utilize the frac pond in section 2-23-33 for fresh water.

Water to be hauled into section 2.

A temporary 10" aluminum transfer line will run approx. 1.00 mile from the pond in section 2 to the location. All transfer lines will be laid on a disturbed area.

**6. CONSTRUCTION MATERIALS**

All construction materials will be used from the nearest Private, BLM, or State pit. All material (i.e. shale) will be acquired from private or commercial sources.

No construction material will be needed for well pad construction; subsurface spoil material will be utilized.

Surfacing material (caliche) will be purchased from a supplier having a permitted source of materials.

The entire location will be fenced with barb/woven wire and bermed with spoil dirt or gravel.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

A closed system will be utilized consisting of above ground steel tanks.

All wastes accumulated during drilling operations will be contained in a portable trash cage and removed from location and deposited in a state approved facility.

Disposal of cuttings:

**8. ANCILLARY FACILITIES**

None

**9. WELLSITE LAYOUT**

The proposed site layout plat is attached showing the Patterson Rig #62 orientation and equipment location. **See Exhibit D.**

In order to level the location, cut and fill will be required. Please see attached Well Location and Acreage Dedication Plat – Exhibits A-1 to A-4.

A locking gate will be installed at the site entrance.

Any fences cut will be repaired. Cattle guards will be installed, if needed.

**10. PLANS FOR RECLAMATION OF THE SURFACE**

**In the Event of Production**

Interim reclamation will consist of reclaiming the pad to 50 feet outside the anchors or approximately 200 x 200 feet.

**In the Event of a Dry Hole/Final Reclamation**

Upon final abandonment of the well, caliche material from the well pad and access road will be removed and utilized to re-contour to a final contour that blends with the surrounding topography as much as possible. Any caliche material not used will be utilized to repair roads within the lease. Topsoil will be distributed over the reclamation area and cross ripped to control erosion; the site will be seeded with an approved BLM mixture.

The location will be restored to as near as original condition as possible. Reclamation of the surface shall be done in strict compliance with the existing New Mexico Oil Conservation Division regulations and BLM regulations.

**11. SURFACE TENANT**

Limestone Livestock, LLC  
P.O. Box 190  
Lovington, NM 88260

**ROAD OWNERSHIP**

All access roads are located on State lands.

**12. ADDITIONAL INFORMATION**

Class III cultural resource inventory report was prepared by Boone Archaeological Services, Carlsbad, New Mexico for the proposed location. A copy of the report has been sent to the BLM office under separate cover and is also attached for reference.

### **13. CHESAPEAKE REPRESENTATIVES**

#### **Drilling and Completion Operations**

##### **District Manager**

Jay Stratton  
P.O. Box 18496  
Oklahoma City, OK 73154  
405-935-6164 (Office)  
405-831-3994 (Cell)  
[jay.stratton@chk.com](mailto:jay.stratton@chk.com)

##### **Drilling Engineer**

Chris Gray  
P.O. Box 18496  
Oklahoma City, OK 73154  
405-935-4346 (Office)  
405-301-6515 (Cell)  
[chris.gray@chk.com](mailto:chris.gray@chk.com)

##### **Field Representative**

Stephen Tarr  
1616 W. Bender  
Hobbs, NM 88241  
575-391-1462, x 86413 (Office)  
432-238-6316 (Cell)  
[Starr@chevron.com](mailto:Starr@chevron.com)

##### **Asset Manager**

Shannon Glancy  
P.O. Box 18496  
Oklahoma City, OK 73154  
405-935-8109 (Office)  
405-415-5229 (Cell)  
[shannon.glancy@chk.com](mailto:shannon.glancy@chk.com)

##### **Geologist**

Corey Dimond  
P.O. Box 18496  
Oklahoma City, OK 73154  
405-935-3527 (Office)  
405-628-9346 (Cell)  
[corey.dimond@chk.com](mailto:corey.dimond@chk.com)

##### **District Land Coordinator**

**Craig Barnard**  
P.O. Box 18496  
Oklahoma City, OK 73154  
405-879-8401 (Office)  
405-397-8404 (Cell)  
[craig.barnard@chk.com](mailto:craig.barnard@chk.com)

##### **Regulatory Compliance Technician**

Carol Adler  
P.O. Box 18496  
Oklahoma City, OK 73154  
405-935-2896 (Office)  
405-849-2896 (Fax)  
[carol.adler@chk.com](mailto:carol.adler@chk.com)

CERTIFICATION

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Executed this 5<sup>th</sup> day of March, 2013

Name:   
Stephen Tarr – Surface Landman

Address: 1616 W Bender Blvd Hobbs, NM 88240

Telephone: 432-687-7956

E-mail: starr@chevron.com

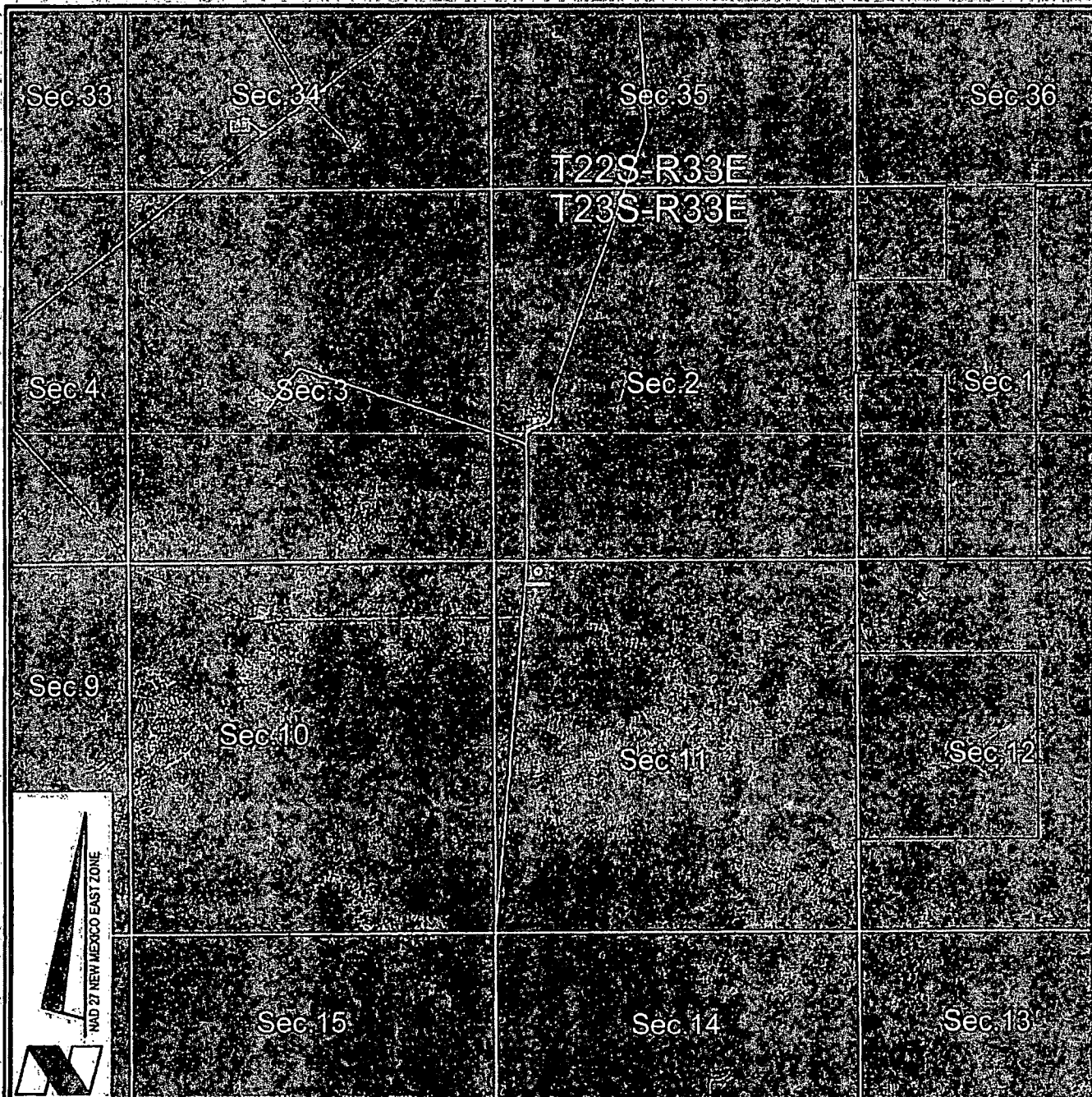
Chevron respectfully requests permission to drill a well to 15,601'. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and New Mexico Oil Conservation Division requirements.

Please find the Surface Use Plan and Drilling Plan as required by Onshore Order No. 1.

Attached are the Exhibit A-1 to A-4 Survey plats, Exhibit B 1 mile radius plat, Exhibit C Production facility, Exhibit D Trinidad Rig layout, Exhibit F-1 to F-2 BOP & Choke Manifold, Exhibit G Standard Planning Report, Wellbore Schematic and Form C-144 Closed Loop System Permit.

Archeological Survey will be delivered to the BLM when completed.

Chevron has an agreement with the grazing lessee.



VICINITY MAP



- = FEDERAL LAND
- = FEE LAND
- = STATE LAND

**CHEVRON U.S.A. INC.**  
**LIMESTONE 11 23 33 FED NO. 1H WELL**  
**LOCATED 150' FNL AND 650' FWL**  
**SECTION 11, T23S-R33E**  
**LEA COUNTY, NEW MEXICO**



Lafayette New Orleans Houston  
 135 Regency Sq. Lafayette, LA 70508  
 Ph. 337-237-2200, Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

DRAWN BY: BMO

REVISED:

DATE: 01/23/2013

PROJ. MGR.: DBM

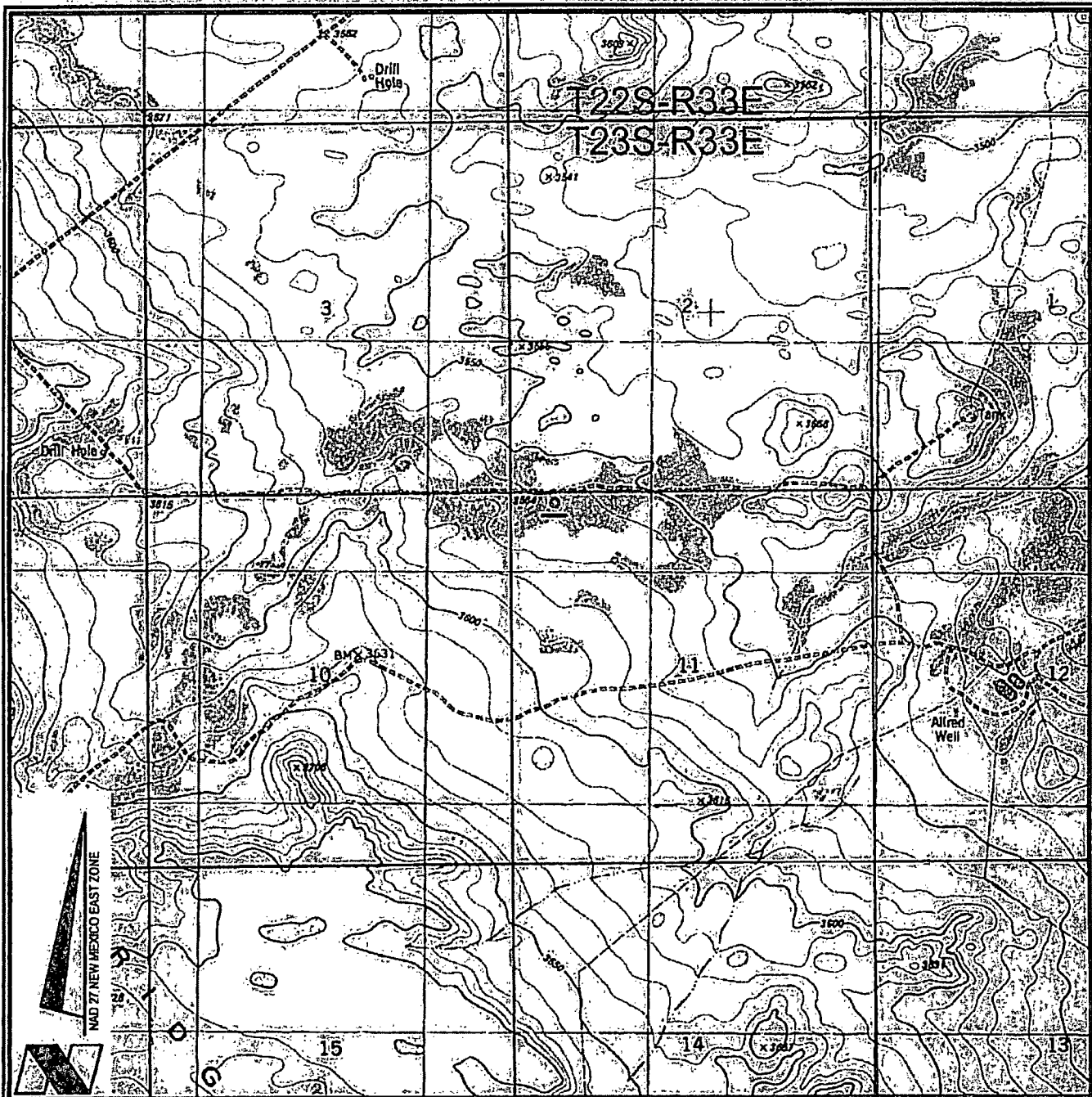
SHEET 3 OF 3 SHEETS

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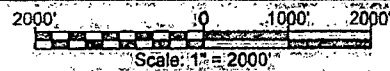
0052







VICINITY MAP



**CHEVRON U.S.A. INC.**  
**LIMESTONE 11 23 33 FED NO. 1H WELL**  
**LOCATED 150' FNL AND 650' FWL**  
**SECTION 11, T23S-R33E**  
**LEA COUNTY, NEW MEXICO**



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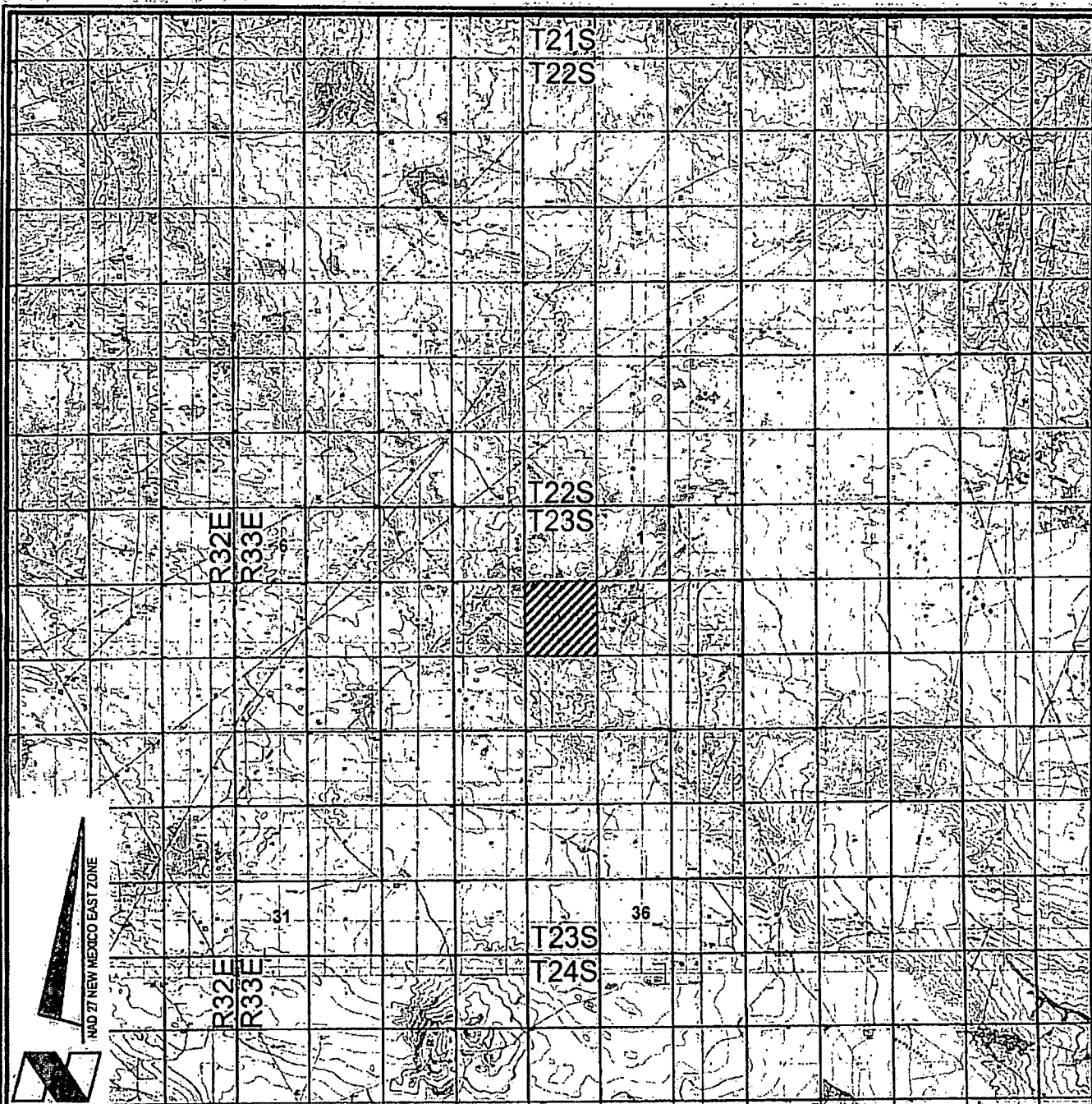
REVISED:

DATE: 01/23/2013

PROJ. MGR: DBM

SHEET 1 OF 3 SHEETS

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VICINITY MAP



# CHEVRON U.S.A. INC.

LIMESTONE 11 23 33 FED NO. 1H WELL

LOCATED 150' FNL AND 650' FWL

SECTION 11, T23S-R33E

LEA COUNTY, NEW MEXICO



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DRAWN BY: BMO

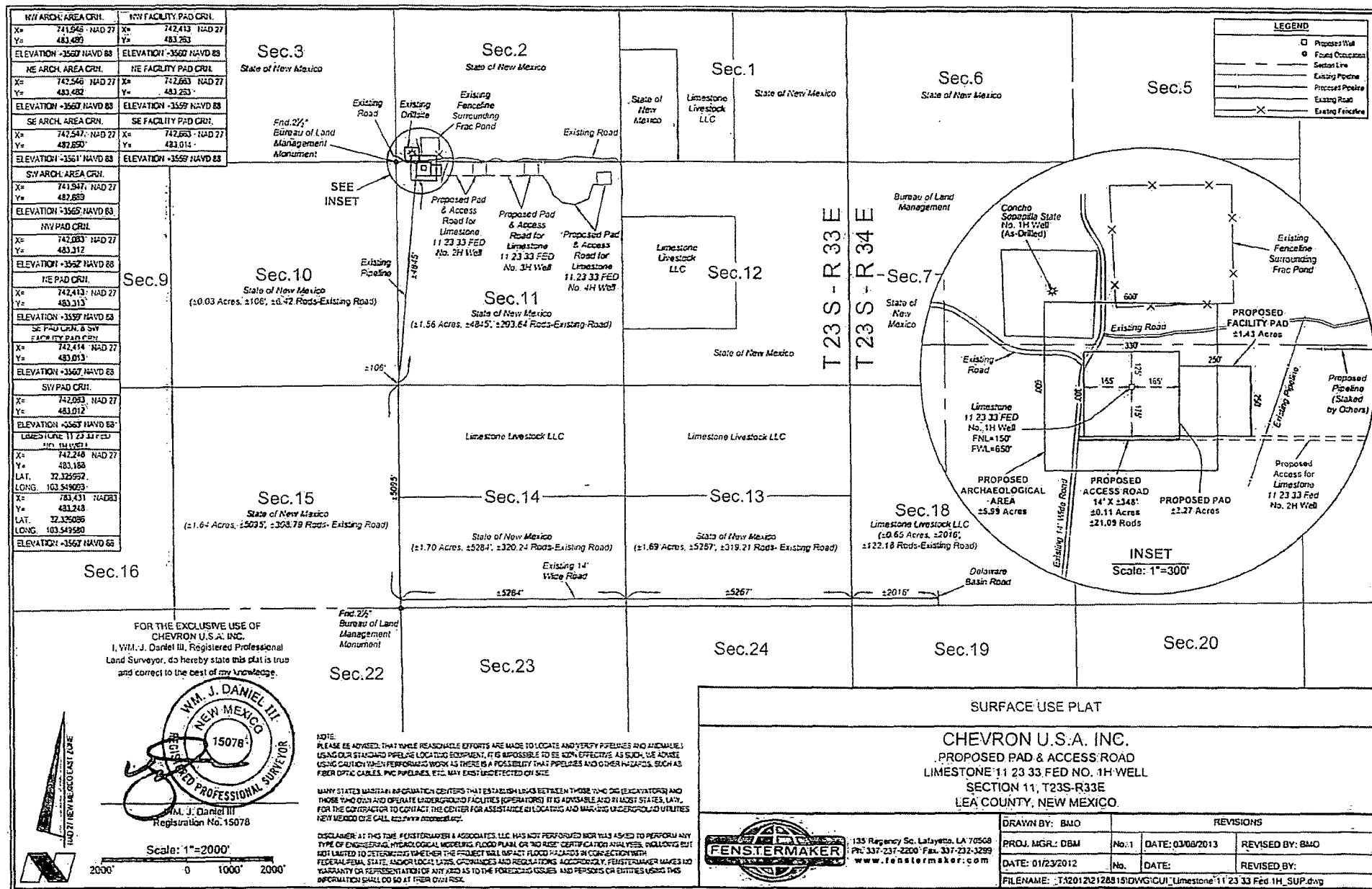
REVISED:

DATE: 01/23/2013

PROJ. MGR.: DBM

SHEET 2 OF 3 SHEETS

FILENAME: T:\2012\2128815\DWG\CUI\_Limestone\_11 23 33 Fed 1H\_APD.dwg



R 33 E

Sec.2

State of New Mexico

NW FACILITY PAD CRN.	NE FACILITY PAD CRN.	SE FACILITY PAD CRN.	SW FACILITY PAD CRN.
X= 742,413 NAD 27 Y= 483,263 LAT. 32.326166 LONG. 103.548563 ELEVATION +3560' NAVD 88	X= 742,663 NAD 27 Y= 483,263 LAT. 32.326161 LONG. 103.547754 ELEVATION +3559' NAVD 88	X= 742,663 NAD 27 Y= 483,014 LAT. 32.325475 LONG. 103.547757 ELEVATION +3559' NAVD 88	X= 742,414 NAD 27 Y= 483,013 LAT. 32.325479 LONG. 103.548566 ELEVATION +3560' NAVD 88

Sec.3

State of New Mexico

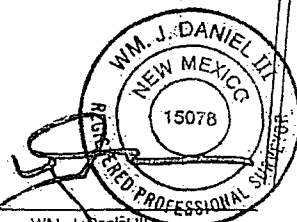
P.O.C.-Fnd 2 1/2"  
Bureau of Land  
Management  
Monument for  
Northwest Corner  
of Section 11

Sec.10

State of New Mexico

LEGEND	
	Section Line
	Existing Pipeline
	Proposed Pipeline
	Existing Road
	Point of Commencement P.O.C.

FOR THE EXCLUSIVE USE OF  
CHEVRON U.S.A. INC.  
I, WM. J. DANIEL III, Registered Professional  
Land Surveyor, do hereby state this plat is true  
and correct to the best of my knowledge.



WM. J. DANIEL III  
Registration No. 15078

Scale: 1"=200'

200' 0 100' 200'



135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax: 337-232-3299  
www.fenstermaker.com

## NOTE:

PLEASE BE ADVISED, THAT WHILE REASONABLE EFFORTS ARE MADE TO LOCATE AND VERIFY PIPELINES AND ANOMALIES USING OUR STANDARD PIPELINE LOCATING EQUIPMENT, IT IS IMPOSSIBLE TO BE 100% EFFECTIVE. AS SUCH, WE ADVISE USING CAUTION WHEN PERFORMING WORK AS THERE IS A POSSIBILITY THAT PIPELINES AND OTHER HAZARDS, SUCH AS FIBER OPTIC CABLES, PVC PIPELINES, ETC. MAY EXIST UNDETECTED ON SITE.

MANY STATES MAINTAIN INFORMATION CENTERS THAT ESTABLISH LINKS BETWEEN THOSE WHO DIG (EXCAVATORS) AND THOSE WHO OWN AND OPERATE UNDERGROUND FACILITIES (OPERATORS). IT IS ADVISABLE AND IN MOST STATES, LAW, FOR THE CONTRACTOR TO CONTACT THE CENTER FOR ASSISTANCE IN LOCATING AND MARKING UNDERGROUND UTILITIES. NEW MEXICO ONE CALL: [www.onecall.org](http://www.onecall.org).

DISCLAIMER: AT THIS TIME, FENSTERMAKER & ASSOCIATES, LLC, HAS NOT PERFORMED NOR WAS ASKED TO PERFORM ANY TYPE OF ENGINEERING, HYDROLOGICAL MODELING, FLOOD PLAIN, OR "NO FISE" CERTIFICATION ANALYSES, INCLUDING BUT NOT LIMITED TO DETERMINING WHETHER THE PROJECT WILL IMPACT FLOOD HAZARDS IN CONNECTION WITH FEDERAL, STATE, AND/OR LOCAL LAWS, ORDINANCES AND REGULATIONS. ACCORDINGLY, FENSTERMAKER MAKES NO WARRANTY OR REPRESENTATION OF ANY KIND AS TO THE FOREGOING ISSUES, AND PERSONS OR ENTITIES USING THIS INFORMATION SHALL DO SO AT THEIR OWN RISK.

PROPOSED  
FACILITY PAD  
±1.43 Acres

Proposed  
Pipeline  
(Staked  
by Others)

Proposed Pad for  
Limestone  
11 23 33 FED  
No. 2H Well (As-Staked)

Proposed Pad & Access Road for  
Limestone 11 23 33 Fed  
No. 1H Well (As-Staked)

Proposed Access Road for  
Limestone  
11 23 33 FED  
No. 2H Well (As-Staked)

Sec.11  
NW/NW

State of New Mexico

CHEVRON U.S.A. INC.

PROPOSED FACILITY PAD  
FOR LIMESTONE 11 23 33 FED NO. 1H WELL  
SECTION 11, T23S-R33E  
LEA COUNTY, NEW MEXICO

DRAWN BY: BMO		REVISIONS	
PROJ. MGR.: DBM	No. 1	DATE: 03/06/2013	REVISED BY: BMO
DATE: 02/20/2013	No.	DATE:	REVISED BY:
FILENAME: T:\2012\2128815\DWG\CUI_Limestone 11 23 33 FED 1H Facility.dwg			

**METES AND BOUNDS DESCRIPTION OF  
A CALLED 1.43 ACRE FACILITY SITE  
SECTION 11, T23S-R33E  
LEA COUNTY, NEW MEXICO**

**LIMESTONE 11 23 33 FED NO. 1H WELL FACILITY SITE**

SURVEY OF A PROPOSED FACILITY SITE ON STATE OF NEW MEXICO LANDS IN THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 11 OF TOWNSHIP 23 SOUTH RANGE 33 EAST, N.M.P.M. LEA COUNTY, NEW MEXICO.

COMMENCING AT A FOUND 2 1/2" BUREAU OF LAND MANAGEMENT MONUMENT, LOCATED AT THE NORTHWEST CORNER OF SAID SECTION 11 TOWNSHIP 23 SOUTH RANGE 33 EAST; THENCE SOUTH 84 DEGREES 52 MINUTES 30 SECONDS EAST 819.17 FEET TO THE POINT OF BEGINNING. SAID POINT OF BEGINNING HAVING THE FOLLOWING COORDINATES: X=742,413, Y=483,263.

THENCE NORTH 89 DEGREES 56 MINUTES 23 SECONDS EAST 249.94 FEET TO A POINT;

THENCE SOUTH 00 DEGREES 09 MINUTES 22 SECONDS EAST 249.81 FEET TO A POINT;

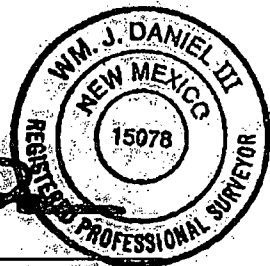
THENCE SOUTH 89 DEGREES 56 MINUTES 24 SECONDS WEST 249.76 FEET TO A POINT;

THENCE NORTH 00 DEGREES 11 MINUTES 44 SECONDS WEST 249.81 FEET TO THE POINT OF BEGINNING, and being called a 1.43 acre facility site.

REFERENCE IS HEREBY MADE TO A SEPARATE PLAT OF THE SUBJECT FACILITY SITE.

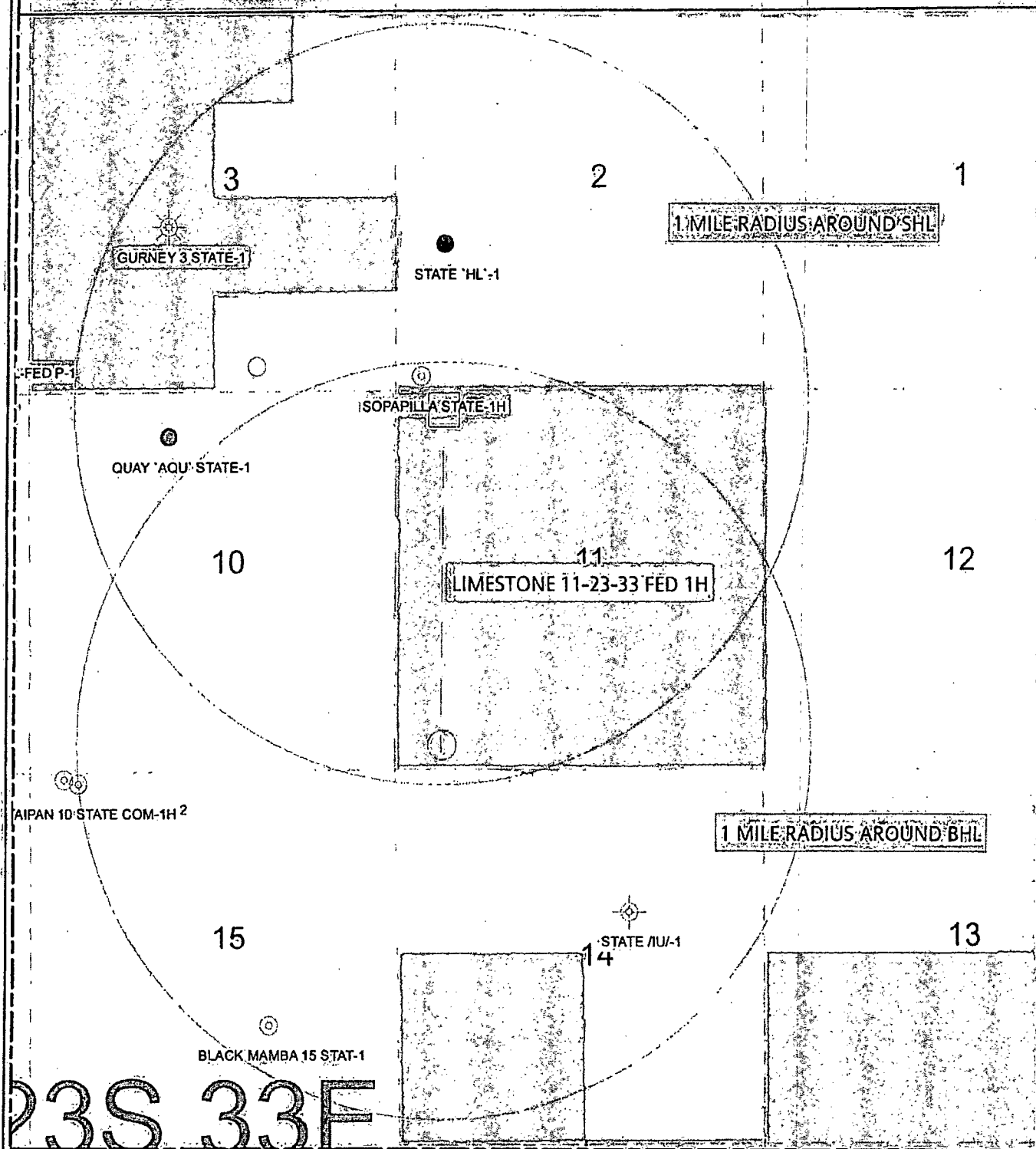
THE BEARINGS RECITED HEREON ARE ORIENTED TO NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 27.

THIS DESCRIPTION REPRESENTS A SURVEY MADE ON THE GROUND FOR A SURFACE EASEMENT AND INTENDED SOLELY FOR THAT PURPOSE. TITLE INFORMATION WAS FURNISHED BY CHEVRON U.S.A. INC. AND/OR THEIR AGENT(S). THIS DESCRIPTION DOES NOT REPRESENT A BOUNDARY SURVEY.



Wm. J. Daniel III  
Registered Professional Land Surveyor #15078  
C. H. Fenstermaker & Associates, LLC  
135 Regency Square  
Lafayette, LA 70508  
337-237-2200

DIAMOND 34 STATE-2 HUMBLE STATE-1



0.3000 0 0.3000 0.6000 0.9000 mi

CHEVRON

PERMIAN DISTRICT  
LIMESTONE 11-23-33 FED 1H  
LEA COUNTY, NM

11-23-33

LIMESTONE 11-23-33 FED 1H 1 Mile Radius map

Date: 26 February, 2013 : MAP BY: SARAH LYNCH

**METES AND BOUNDS DESCRIPTION OF  
A PROPOSED RIGHT OF WAY EASEMENT TO BE USED FOR ACCESS  
SECTION 13, T23S-R33E  
Lea County, New Mexico**

Survey of a proposed right of way easement crossing State of New Mexico lands in Section 13 of Township 23 South Range 33 East, N.M.P.M Lea County, New Mexico.

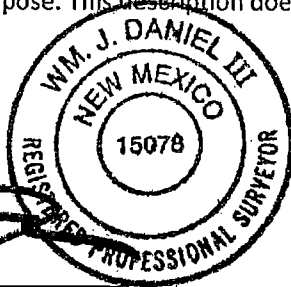
**COMMENCING** at the Southeast corner of said Section 13 of Township 23 South Range 33 East at a found 4" Iron Pipe with Brass Cap; thence North 67 degrees 45 minutes 33 seconds West 481.05 feet to the **POINT OF BEGINNING** of a proposed right of way easement having the following coordinates:  
X= 751,786.9 and Y= 472,999.7 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

Thence South 00 degrees 14 minutes 01 seconds East 184.74 feet to the **POINT OF ENDING** having the following coordinates: X= 751,787.6 and Y= 472,815.0 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

Reference is hereby made to a separate plat of the subject proposed right of way easement.

The bearings recited hereon are oriented to NAD 27 New Mexico East Zone.

This description represents a survey made on the ground for a right of way easement and intended solely for that purpose. This description does not represent a boundary survey.



WM. J. Daniel III  
Registered Professional Land Surveyor #15078  
C.H. Fenstermaker & Associates, LLC  
135 Regency Square  
Lafayette, LA 70508  
337-237-2200



LEGEND	
	Section Line
	Existing Fence line
	Existing Road
	Found Occupation

Sec. 13  
State of New Mexico

SE/SE  
±185', ±11.2 Rods, ±0.06 Acres

Point of Beginning

Sec. 18  
Limestone  
Livestock LLC

Existing 14' Wide Gravel  
Road To Be Used  
For Access

Proposed  
Right-of-Way Easement  
14' x ±185'  
±0.06 Acres, ±11.2 Rods

N 67° 45' 33" W 481.05'

Point of  
Ending

Proposed Well, Pad & Access  
Road for Brininstool 24 23 33 USA  
No. 4H Well

Point of  
Commencement  
Prod. 4" Iron  
Pipe w/Brass Cap

T23S-R33E

T23S-R34E

Sec. 24  
Brininstool XL Ranch LLC

Sec. 19  
State of New Mexico

FOR THE EXCLUSIVE USE OF  
CHEVRON USA, INC.  
I, WM. J. DANIEL III, Registered Professional  
Land Surveyor, do hereby state this plat is true  
and correct to the best of my knowledge.



WM. J. Daniel III  
Registration No. 15078

SCALE: 1"=100'

100' 0 50' 100'

NOTE:  
PLEASE BE ADVISED, THAT WHILE REASONABLE EFFORTS ARE MADE TO LOCATE AND  
VERIFY PIPELINES AND ANOMALIES USING OUR STANDARD PIPELINE LOCATING  
EQUIPMENT, IT IS IMPOSSIBLE TO BE 100% EFFECTIVE. AS SUCH, WE ADVISE USING  
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OTHER HAZARDS, SUCH AS FIBER OPTIC CABLES, PVC PIPELINES, ETC. MAY EXIST  
UNDETECTED ON SITE.

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THOSE WHO DIG (EXCAVATORS) AND THOSE WHO OWN AND OPERATE UNDERGROUND  
FACILITIES (OPERATORS). IT IS ADVISABLE AND IN MOST STATES, LAW, FOR THE  
CONTRACTOR TO CONTACT THE CENTER FOR ASSISTANCE IN LOCATING AND MARKING  
UNDERGROUND UTILITIES. NEW MEXICO ONE CALL, <http://www.newmexicocall.org/>.

DISCLAIMER: AT THIS TIME, C.H. FENSTERMAKER & ASSOCIATES, LLC HAS NOT  
PERFORMED NOR WAS ASKED TO PERFORM ANY TYPE OF ENGINEERING,  
HYDROLOGICAL MODELING, FLOOD PLAIN, OR "NO RISE" CERTIFICATION ANALYSES,  
INCLUDING BUT NOT LIMITED TO DETERMINING WHETHER THE PROJECT WILL IMPACT  
FLOOD HAZARDS IN CONNECTION WITH FEDERAL, STATE, AND/OR LOCAL LAWS,  
ORDINANCES AND REGULATIONS. ACCORDINGLY, FENSTERMAKER MAKES NO  
WARRANTY OR REPRESENTATION OF ANY KIND AS TO THE FOREGOING ISSUES, AND  
PERSONS OR ENTITIES USING THIS INFORMATION SHALL DO SO AT THEIR OWN RISK.

EXHIBIT "B"

CHEVRON U.S.A. INC.  
PROPOSED RIGHT OF WAY EASEMENT DETAIL  
BRININSTOOL 24 23 33 USA NO. 4H WELL  
SECTION 13, T23S-R33E  
LEA COUNTY, NEW MEXICO



136 Rogency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

DRAWN BY: KJD		REVISIONS	
PROJ. MGR.: DBM	No. #	DATE:	REVISED BY:
DATE: 06/24/2013	No. #	DATE:	REVISED BY:
FILENAME: T:\2013\2139633\DWG\COL_Brininstool 24 23 33 USA 4H_ROW Easement Detail.dwg			

**METES AND BOUNDS DESCRIPTION OF  
A PROPOSED ELECTRIC LINE  
SECTIONS 10, 11, 13, 14 & 15, T23S-R33E  
Lea County, New Mexico**

Survey of a proposed electric line crossing State of New Mexico lands in Sections 10, 11, 13, 14 and 15 of Township 23 South Range 33 East, N.M.P.M Lea County, New Mexico.

**COMMENCING** at the Southeast corner of said Section 13 of Township 23 South Range 33 East at a found 4" Iron Pipe with Brass Cap; thence North 00 degrees 47 minutes 32 seconds West 74.32 feet along the east line of said Section 13 to the **POINT OF BEGINNING** of a proposed electric line having the following coordinates: X= 752,231.1 and Y= 472,891.9 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

**Thence** South 89 degrees 45 minutes 34 seconds West 5,282.79 feet to a common section line of said Sections 13 and 14 Township 23 South Range 33 East;

**Thence** South 89 degrees 45 minutes 34 seconds West 5,272.22 feet to a common section line of said Sections 14 and 15 Township 23 South Range 33 East;

**Thence** South 89 degrees 45 minutes 10 seconds West 8.22 feet;

**Thence** North 00 degrees 21 minutes 37 seconds West 5,214.96 feet;

**Thence** North 05 degrees 52 minutes 13 seconds East 11.77 feet to a common section line of said Sections 15 and 10 Township 23 South Range 33 East;

**Thence** North 05 degrees 52 minutes 13 seconds East 31.67 feet to a common section line of said Sections 10 and 11 Township 23 South Range 33 East;

**Thence** North 05 degrees 52 minutes 13 seconds East 325.53 feet;

**Thence** North 05 degrees 52 minutes 32 seconds East 399.90 feet;

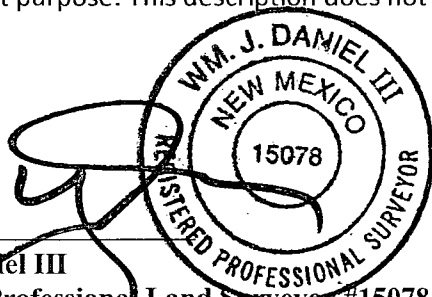
**Thence** North 05 degrees 30 minutes 30 seconds East 599.93 feet;

**Thence** North 04 degrees 45 minutes 21 seconds East 3,599.68 feet to the **POINT OF ENDING** having the following coordinates: X= 742,069.9 and Y= 483,011.8 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

Reference is hereby made to a separate plat of the subject proposed electric line.

The bearings recited hereon are oriented to NAD 27 New Mexico East Zone.

This description represents a survey made on the ground of a proposed electric line and is intended solely for that purpose. This description does not represent a boundary survey.



WM. J. Daniel III  
Registered Professional Land Surveyor #15078  
C.H. Fenstermaker & Associates, LLC  
135 Regency Square  
Lafayette, LA 70508  
337-237-2200

**METES AND BOUNDS DESCRIPTION OF  
AN EXISTING GRAVEL ROAD TO BE USED FOR ACCESS  
SECTION 18, T23S-R34E  
Lea County, New Mexico**

Survey of an existing gravel road to be used for access crossing Private lands in Section 18 of Township 23 South Range 34 East, N.M.P.M Lea County, New Mexico.

**COMMENCING** at the Southwest corner of said Section 18 of Township 23 South Range 34 East at a found 4" Iron Pipe with Brass Cap; thence North 84 degrees 32 minutes 34 seconds East 2015.33 feet to the **POINT OF BEGINNING** of an existing gravel road having the following coordinates: X= 754,238.3 and Y= 473,009.3 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

Thence North 88 degrees 31 minutes 06 seconds West 56.99 feet;

Thence North 89 degrees 03 minutes 31 seconds West 202.40 feet;

Thence North 89 degrees 30 minutes 23 seconds West 205.02 feet;

Thence South 89 degrees 57 minutes 51 seconds West 203.00 feet;

Thence South 89 degrees 51 minutes 11 seconds West 206.77 feet;

Thence South 89 degrees 45 minutes 06 seconds West 202.53 feet;

Thence South 89 degrees 32 minutes 15 seconds West 201.33 feet;

Thence South 89 degrees 58 minutes 01 seconds West 324.75 feet;

Thence South 89 degrees 31 minutes 55 seconds West 403.44 feet;

Thence South 88 degrees 17 minutes 09 seconds West 1.73 feet to the **POINT OF ENDING** on existing gravel road having the following coordinates: X= 752,230.5 and Y= 473,009.2 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

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Reference is hereby made to a separate plat of the subject existing gravel road.

The bearings recited hereon are oriented to NAD 27 New Mexico East Zone.

This description represents a survey made on the ground of an existing gravel road. This description does not represent a boundary survey.



WM. J. Daniel III  
Registered Professional Land Surveyor #15078  
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337-237-2200

2010/01/10 10:10 AM  
2010/01/10 10:10 AM

LEGEND	
	Section Line
	Existing Fenceline
	Existing Road
	Found Occupation

Sec. 13  
State of New Mexico

Limestone Livestock LLC  
(±0.65 Acres, ±2008', ±121.7 Rods)

Sec. 18

SE/SW ±703',  
±42.6 Rods, ±0.23 Acres

SW/SW ±1305',  
±79.1 Rods, ±0.42 Acres

T23S-R33E

T23S-R34E

Existing 14' Wide Gravel  
Road To Be Used For  
Access

Point of  
Ending

Point of  
Beginning

Delaware  
Basin Road

±2008'

N 84° 32' 34" E 2,015.33'

Proposed Well, Pad & Access  
Road for Brininstool 24 23 33 USA  
No. 4H Well

Point of  
Commencement  
Fnd. 4" Iron  
Pipe w/Brass Cap

Sec. 24

Brininstool XL Ranch LLC

FOR THE EXCLUSIVE USE OF  
CHEVRON USA, INC.  
I, WM. J. DANIEL III, Registered Professional  
Land Surveyor, do hereby state this plat is true  
and correct to the best of my knowledge.

Sec. 19

State of New Mexico

NOTE:  
PLEASE BE ADVISED, THAT WHILE REASONABLE EFFORTS ARE MADE TO LOCATE AND  
VERIFY PIPELINES AND ANNUALIES USING OUR STANDARD PIPELINE LOCATING  
EQUIPMENT, IT IS IMPOSSIBLE TO BE 100% EFFECTIVE. AS SUCH, WE ADVISE USING  
CAUTION WHEN PERFORMING WORK AS THERE IS A POSSIBILITY THAT PIPELINES AND  
OTHER HAZARDS, SUCH AS FIBER OPTIC CABLES, PVC PIPELINES, ETC. MAY EXIST  
UNDETECTED ON SITE.

MANY STATES MAINTAIN INFORMATION CENTERS THAT ESTABLISH LINKS BETWEEN  
THOSE WHO DIG (EXCAVATORS) AND THOSE WHO OWN AND OPERATE UNDERGROUND  
FACILITIES (OPERATORS). IT IS ADVISABLE AND IN MOST STATES, LAW, FOR THE  
CONTRACTOR TO CONTACT THE CENTER FOR ASSISTANCE IN LOCATING AND MARKING  
UNDERGROUND UTILITIES: NEW MEXICO ONE CALL, <http://www.nmonecall.org/>.

DISCLAIMER: AT THIS TIME, C.H. FEINSTERMAKER & ASSOCIATES, LLC HAS NOT  
PERFORMED WORK ASKED TO PERFORM ANY TYPE OF ENGINEERING,  
HYDROLOGICAL MODELING, FLOOD PLAIN, OR "NO RISE" CERTIFICATION ANALYSES,  
INCLUDING BUT NOT LIMITED TO DETERMINING WHETHER THE PROJECT WILL IMPACT  
FLOOD HAZARDS IN CONNECTION WITH FEDERAL, STATE, AND/OR LOCAL LAWS,  
ORDINANCES AND REGULATIONS. ACCORDINGLY, FEINSTERMAKER MAKES NO  
WARRANTY OR REPRESENTATION OF ANY KIND AS TO THE FOREGOING ISSUES, AND  
PERSONS OR ENTITIES USING THIS INFORMATION SHALL DO SO AT THEIR OWN RISK.

EXHIBIT "A"

CHEVRON U.S.A. INC.

EXISTING RIGHT OF WAY EASEMENT DETAIL  
BRININSTOOL 24 23 33 USA NO. 4H & LIMESTONE 11 23 33 FED NO. 1H WELLS  
SECTION 18, T23S-R34E  
LEA COUNTY, NEW MEXICO



135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3289  
[www.fenstermaker.com](http://www.fenstermaker.com)

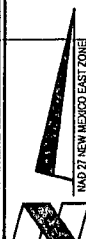
DRAWN BY: KJD		REVISIONS	
PROJ. MGR.: DBM	No. #	DATE:	REVISED BY:
DATE: 06/24/2013	No. #	DATE:	REVISED BY:
FILENAME: T:\2013\2139833\DWG\COI_Brininstool 24 23 33 USA 4H_ROW Easement Detail.dwg			



WM. J. DANIEL III  
Registration No. 15078

SCALE: 1"=300'

300' 0 150' 300'



**METES AND BOUNDS DESCRIPTION OF  
AN EXISTING GRAVEL ROAD TO BE USED FOR ACCESS  
SECTIONS 10, 11, 13, 14 & 15, T23S-R33E  
Lea County, New Mexico**

Survey of an existing gravel road to be used for access crossing State of New Mexico lands in Sections 10, 11, 13, 14 and 15 of Township 23 South Range 33 East, N.M.P.M Lea County, New Mexico.

**COMMENCING** at the Southeast corner of said Section 13 of Township 23 South Range 33 East at a found 4" Iron Pipe with Brass Cap; thence North 00 degrees 30 minutes 17 seconds West 191.54 feet along the east line of said Section 13 to the **POINT OF BEGINNING** of an existing gravel road having the following coordinates: X= 752,230.5 and Y= 473,009.2 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

Thence South 88 degrees 17 minutes 09 seconds West 5.72 feet;

Thence South 89 degrees 50 minutes 23 seconds West 133.74 feet;

Thence South 89 degrees 38 minutes 21 seconds West 404.89 feet;

Thence South 89 degrees 59 minutes 03 seconds West 402.15 feet;

Thence South 89 degrees 35 minutes 28 seconds West 400.12 feet;

Thence South 89 degrees 50 minutes 55 seconds West 402.57 feet;

Thence South 89 degrees 53 minutes 31 seconds West 401.35 feet;

Thence South 89 degrees 39 minutes 28 seconds West 402.24 feet;

Thence South 89 degrees 48 minutes 51 seconds West 401.87 feet;

Thence South 89 degrees 29 minutes 17 seconds West 445.18 feet;

Thence South 89 degrees 20 minutes 24 seconds West 401.86 feet;

Thence South 89 degrees 43 minutes 48 seconds West 402.24 feet;

Thence South 89 degrees 56 minutes 55 seconds West 401.92 feet;

Thence South 89 degrees 46 minutes 21 seconds West 402.57 feet;

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Thence South 89 degrees 40 minutes 57 seconds West 274.63 feet to a common section line of said Sections 13 and 14 Township 23 South Range 33 East;

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Thence South 89 degrees 40 minutes 57 seconds West 128.07 feet;

Thence South 89 degrees 57 minutes 20 seconds West 401.59 feet;

Thence South 89 degrees 40 minutes 04 seconds West 407.17 feet;  
Thence South 89 degrees 48 minutes 22 seconds West 401.34 feet;  
Thence South 89 degrees 53 minutes 07 seconds West 403.33 feet;  
Thence North 89 degrees 29 minutes 10 seconds West 405.62 feet;  
Thence South 89 degrees 42 minutes 39 seconds West 406.35 feet;  
Thence South 89 degrees 29 minutes 57 seconds West 402.41 feet;  
Thence South 89 degrees 42 minutes 24 seconds West 403.07 feet;  
Thence South 89 degrees 57 minutes 52 seconds West 402.48 feet;  
Thence North 89 degrees 30 minutes 01 seconds West 403.09 feet;  
Thence South 89 degrees 36 minutes 02 seconds West 216.73 feet;  
Thence South 89 degrees 20 minutes 55 seconds West 406.51 feet;  
Thence South 89 degrees 32 minutes 17 seconds West 404.66 feet;  
Thence North 88 degrees 06 minutes 40 seconds West 27.20 feet;  
Thence North 84 degrees 35 minutes 52 seconds West 26.86 feet;  
Thence North 65 degrees 36 minutes 08 seconds West 26.33 feet;  
Thence North 36 degrees 32 minutes 44 seconds West 3.40 feet to a common section line of said  
Sections 14 and 15 Township 23 South Range 33 East;  
Thence North 36 degrees 32 minutes 44 seconds West 22.69 feet;  
Thence North 14 degrees 55 minutes 50 seconds West 26.70 feet;  
Thence North 02 degrees 34 minutes 24 seconds West 25.69 feet;  
Thence North 01 degrees 34 minutes 46 seconds West 30.09 feet;  
Thence North 00 degrees 35 minutes 51 seconds West 200.20 feet;  

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Thence North 00 degrees 01 minutes 14 seconds West 201.08 feet;  

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Thence North 00 degrees 25 minutes 03 seconds West 206.61 feet;  
Thence North 00 degrees 04 minutes 07 seconds West 202.31 feet;  
Thence North 01 degrees 07 minutes 32 seconds West 201.71 feet;



Thence North 00 degrees 15 minutes 25 seconds West 200.05 feet;

Thence North 00 degrees 55 minutes 13 seconds West 201.69 feet;

Thence North 00 degrees 25 minutes 20 seconds West 205.71 feet;

Thence North 00 degrees 42 minutes 15 seconds West 204.35 feet;

Thence North 00 degrees 20 minutes 03 seconds West 207.79 feet;

Thence North 00 degrees 58 minutes 45 seconds West 206.71 feet;

Thence North 00 degrees 30 minutes 32 seconds West 201.76 feet;

Thence North 00 degrees 14 minutes 17 seconds East 204.90 feet;

Thence North 00 degrees 19 minutes 24 seconds East 200.44 feet;

Thence North 00 degrees 06 minutes 41 seconds West 200.77 feet;

Thence North 00 degrees 06 minutes 01 seconds East 202.75 feet;

Thence North 00 degrees 05 minutes 08 seconds West 200.46 feet;

Thence North 01 degrees 02 minutes 29 seconds West 204.79 feet;

Thence North 01 degrees 59 minutes 26 seconds West 201.06 feet;

Thence North 00 degrees 43 minutes 50 seconds East 201.30 feet;

Thence North 00 degrees 51 minutes 54 seconds East 204.00 feet;

Thence North 00 degrees 30 minutes 20 seconds West 201.53 feet;

Thence North 01 degrees 27 minutes 03 seconds West 21.07 feet;

Thence North 01 degrees 56 minutes 54 seconds West 21.04 feet;

Thence North 03 degrees 06 minutes 18 seconds West 20.70 feet;

Thence North 01 degrees 58 minutes 46 seconds West 46.49 feet;

~~Thence North 00 degrees 52 minutes 52 seconds West 100.37 feet;~~

~~Thence North 00 degrees 10 minutes 15 seconds West 101.79 feet;~~

Thence North 00 degrees 38 minutes 38 seconds East 103.20 feet;

Thence North 01 degrees 31 minutes 21 seconds East 102.43 feet;

Thence North 07 degrees 51 minutes 30 seconds East 10.86 feet to a common section line of said Sections 15 and 10 Township 23 South Range 33 East;

Thence North 07 degrees 51 minutes 30 seconds East 92.05 feet;

Thence North 07 degrees 21 minutes 48 seconds East 13.90 feet to a common section line of said Sections 10 and 11 Township 23 South Range 33 East;

Thence North 07 degrees 21 minutes 48 seconds East 86.21 feet;

Thence North 06 degrees 42 minutes 22 seconds East 105.32 feet;

Thence North 05 degrees 12 minutes 36 seconds East 203.23 feet;

Thence North 05 degrees 22 minutes 47 seconds East 205.72 feet;

Thence North 04 degrees 44 minutes 39 seconds East 203.05 feet;

Thence North 05 degrees 13 minutes 11 seconds East 203.20 feet;

Thence North 04 degrees 03 minutes 56 seconds East 206.05 feet;

Thence North 04 degrees 02 minutes 31 seconds East 200.81 feet;

Thence North 04 degrees 29 minutes 31 seconds East 200.77 feet;

Thence North 04 degrees 48 minutes 06 seconds East 204.66 feet;

Thence North 05 degrees 32 minutes 34 seconds East 202.09 feet;

Thence North 05 degrees 13 minutes 04 seconds East 201.22 feet;

Thence North 04 degrees 42 minutes 00 seconds East 403.40 feet;

Thence North 04 degrees 38 minutes 48 seconds East 405.15 feet;

Thence North 04 degrees 58 minutes 53 seconds East 403.04 feet;

Thence North 04 degrees 55 minutes 45 seconds East 403.19 feet;

Thence North 05 degrees 05 minutes 27 seconds East 404.52 feet;

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Thence North 05 degrees 24 minutes 12 seconds East 206.64 feet;

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Thence North 05 degrees 33 minutes 33 seconds East 53.29 feet;

Thence North 04 degrees 02 minutes 32 seconds East 103.11 feet;

Thence North 04 degrees 54 minutes 27 seconds East 100.54 feet;

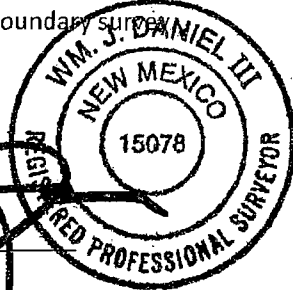
Thence North 04 degrees 14 minutes 20 seconds East 102.04 feet;

Thence North 04 degrees 39 minutes 49 seconds East 34.05 feet to the **POINT OF ENDING** on existing gravel road having the following coordinates: X= 742,057.04 and Y= 483,001.98 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

Reference is hereby made to a separate plat of the subject existing gravel road.

The bearings recited hereon are oriented to NAD 27 New Mexico East Zone.

This description represents a survey made on the ground of an existing gravel road. This description does not represent a boundary survey.



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**METES AND BOUNDS DESCRIPTION OF  
A CALLED 0.52 ACRE FACILITY SITE  
SECTION 11, T23S-R33E  
LEA COUNTY, NEW MEXICO**

**LIMESTONE 11 23 33 FED NO. 1H WELL FACILITY SITE**

SURVEY OF A PROPOSED FACILITY SITE ON STATE OF NEW MEXICO LANDS IN THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 11 OF TOWNSHIP 23 SOUTH RANGE 33 EAST, N.M.P.M. LEA COUNTY, NEW MEXICO.

**COMMENCING AT A FOUND 2 ½" BUREAU OF LAND MANAGEMENT MONUMENT , LOCATED AT THE NORTHWEST CORNER OF SAID SECTION 11 TOWNSHIP 23 SOUTH RANGE 33 EAST; THENCE SOUTH 78 DEGREES 34 MINUTES 06 SECONDS EAST 873.54 FEET TO THE POINT OF BEGINNING. SAID POINT OF BEGINNING HAVING THE FOLLOWING COORDINATES: X=742,453.2, Y=483,163.1.**

**THENCE SOUTH 89 DEGREES 59 MINUTES 47 SECONDS EAST 150.02 FEET TO A POINT;**

**THENCE SOUTH 00 DEGREES 13 MINUTES 13 SECONDS EAST 149.81 FEET TO A POINT;**

**THENCE NORTH 89 DEGREES 59 MINUTES 45 SECONDS WEST 149.85 FEET TO A POINT;**

**THENCE NORTH 00 DEGREES 17 MINUTES 09 SECONDS WEST 149.81 FEET TO THE POINT OF BEGINNING, AND BEING CALLED A 0.52 ACRE FACILITY SITE.**

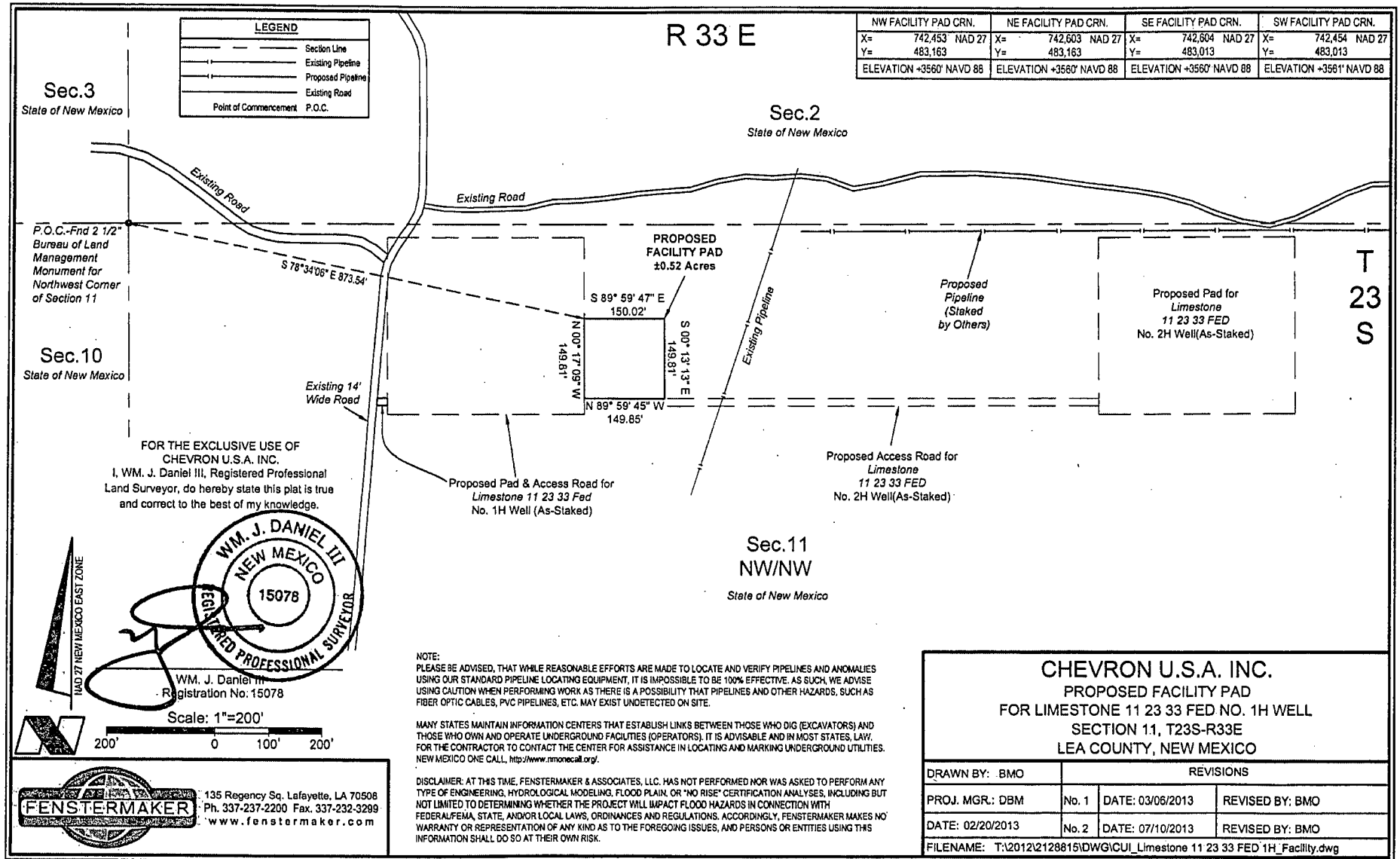
REFERENCE IS HEREBY MADE TO A SEPARATE PLAT OF THE SUBJECT FACILITY SITE.

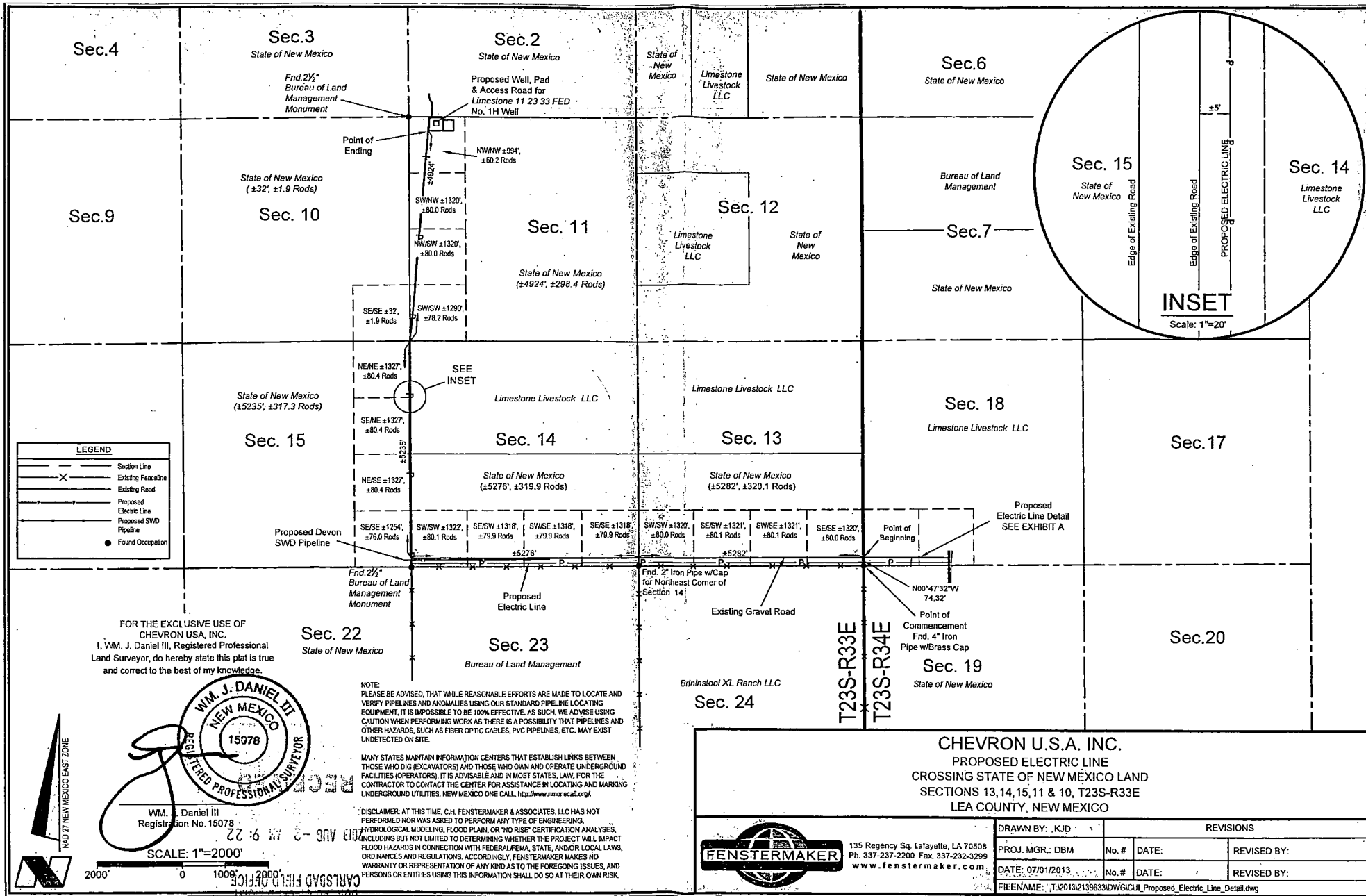
THE BEARINGS RECITED HEREON ARE ORIENTED TO NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 27.

THIS DESCRIPTION REPRESENTS A SURVEY MADE ON THE GROUND FOR A SURFACE EASEMENT AND INTENDED SOLELY FOR THAT PURPOSE. TITLE INFORMATION WAS FURNISHED BY CHEVRON U.S.A. INC. AND/OR THEIR AGENT(S). THIS DESCRIPTION DOES NOT REPRESENT A BOUNDARY SURVEY.



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METES AND BOUNDS DESCRIPTION OF  
A CALLED 0.52 ACRE FACILITY SITE  
SECTION 11, T23S-R33E  
LEA COUNTY, NEW MEXICO

LIMESTONE 11 23 33 FED NO. 1H WELL FACILITY SITE

SURVEY OF A PROPOSED FACILITY SITE ON STATE OF NEW MEXICO LANDS IN THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 11 OF TOWNSHIP 23 SOUTH RANGE 33 EAST, N.M.P.M. LEA COUNTY, NEW MEXICO.

**COMMENCING** AT A FOUND 2 ½" BUREAU OF LAND MANAGEMENT MONUMENT, LOCATED AT THE NORTHWEST CORNER OF SAID SECTION 11 TOWNSHIP 23 SOUTH RANGE 33 EAST; THENCE SOUTH 78 DEGREES 34 MINUTES 06 SECONDS EAST 873.54 FEET TO THE **POINT OF BEGINNING**. SAID **POINT OF BEGINNING** HAVING THE FOLLOWING COORDINATES: X=742,453.2, Y=483,163.1.

THENCE SOUTH 89 DEGREES 59 MINUTES 47 SECONDS EAST 150.02 FEET TO A POINT;

THENCE SOUTH 00 DEGREES 13 MINUTES 13 SECONDS EAST 149.81 FEET TO A POINT;

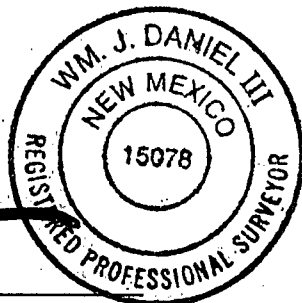
THENCE NORTH 89 DEGREES 59 MINUTES 45 SECONDS WEST 149.85 FEET TO A POINT;

THENCE NORTH 00 DEGREES 17 MINUTES 09 SECONDS WEST 149.81 FEET TO THE **POINT OF BEGINNING**, AND BEING CALLED A 0.52 ACRE FACILITY SITE.

REFERENCE IS HEREBY MADE TO A SEPARATE PLAT OF THE SUBJECT FACILITY SITE.

THE BEARINGS RECITED HEREON ARE ORIENTED TO NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 27.

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