

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 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

HOBBS OCE

JUL 10 2014

RECEIVED

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-024-41957		² Pool Code 96434		³ Pool Name Red Hills, Bone Spring, North	
⁴ Property Code 313474		⁵ Property Name PRODIGAL SUN 17 24 34			⁶ Well Number 1H
⁷ OGRID No. 4323		⁸ Operator Name CHEVRON U.S.A. INC.			⁹ Elevation 3564'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	17	24 SOUTH	34 EAST, N.M.P.M.		330'	NORTH	1660'	EAST	LEA

11 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
O	17	24 SOUTH	34 EAST, N.M.P.M.		330'	SOUTH	1660'	EAST	LEA

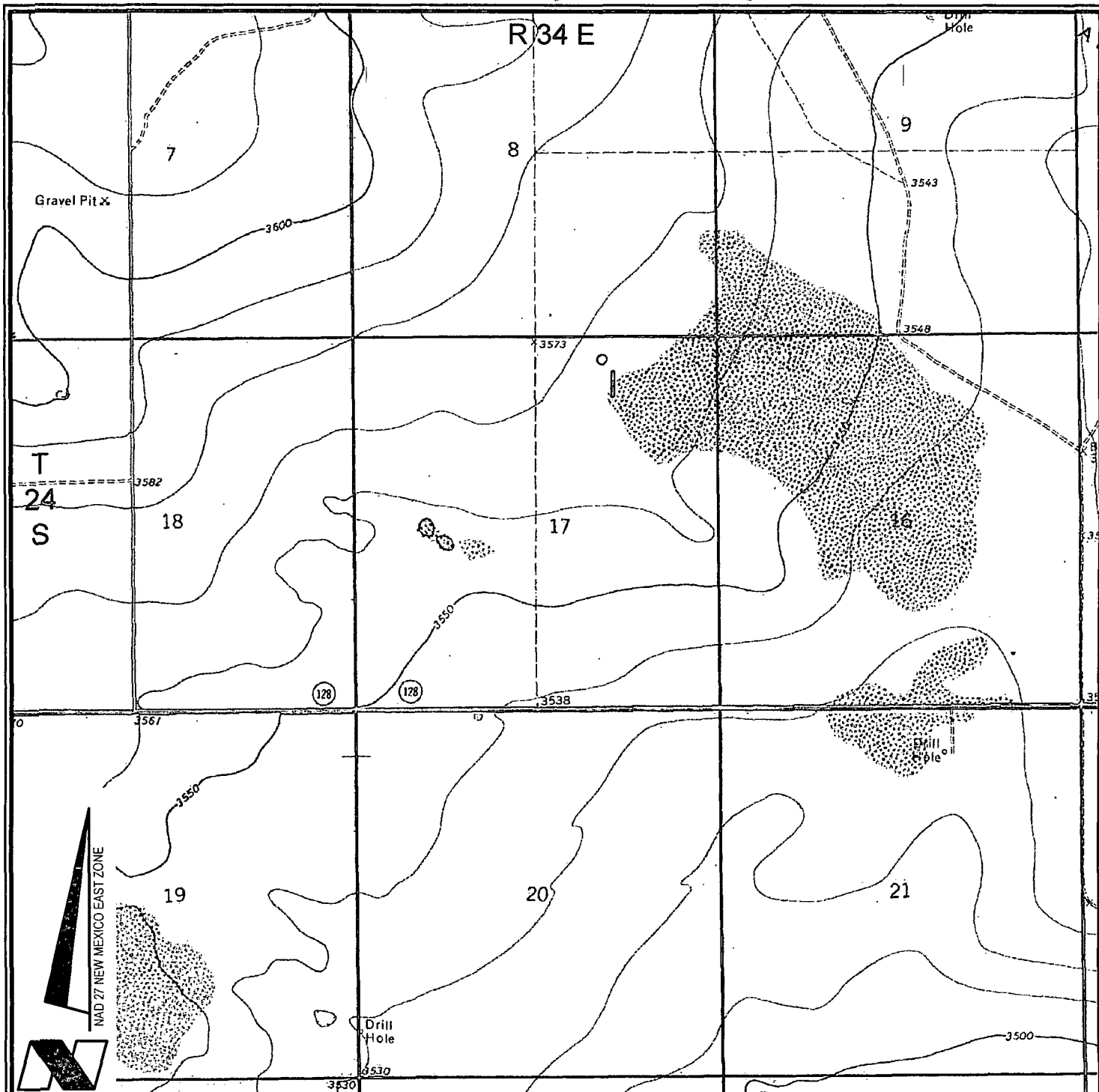
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

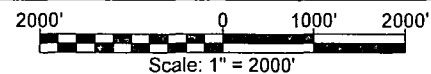
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center;">PRODIGAL SUN 17 24 34 1H</p> <p>X= 761.308 NAD 27 Y= 446.164 LAT. 32.223798 LONG. 103.488344</p> <p>X= 802.492 NAD 83 Y= 446.223 LAT. 32.223922 LONG. 103.488820</p> <p style="text-align: center;">ELEVATION 3564' NAVD 88</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">PROPOSED BOTTOM HOLE LOCATION</p> <p>X= 761.349 NAD 27 Y= 441.548 LAT. 32.211102 LONG. 103.488329</p> <p>X= 802.534 NAD 83 Y= 441.604 LAT. 32.211226 LONG. 103.488604</p> </div>	<div> <p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Denise Pinkerton</i> 01/23/14 Signature Date</p> <p>Denise Pinkerton Printed Name</p> <p><i>Leakid@chevron.com</i> E-mail Address</p> </div> <div> <p>18 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>JUL 2, 2013 Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <div style="border: 2px solid black; border-radius: 50%; padding: 10px; text-align: center; width: 100px; margin: 0 auto;"> <p>WM. J. DANIEL III NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 15078</p> </div> <p>Certificate Number #15078</p> </div>
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JUL 14 2014

Exhibit A-2



VICINITY MAP



CHEVRON U.S.A. INC.

PRODIGAL SUN 17 24 34 NO. 1H WELL

LOCATED 330' FNL AND 1660' FEL

SECTION 17, T24S-R34E

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

DRAWN BY: BMO

REVISED:

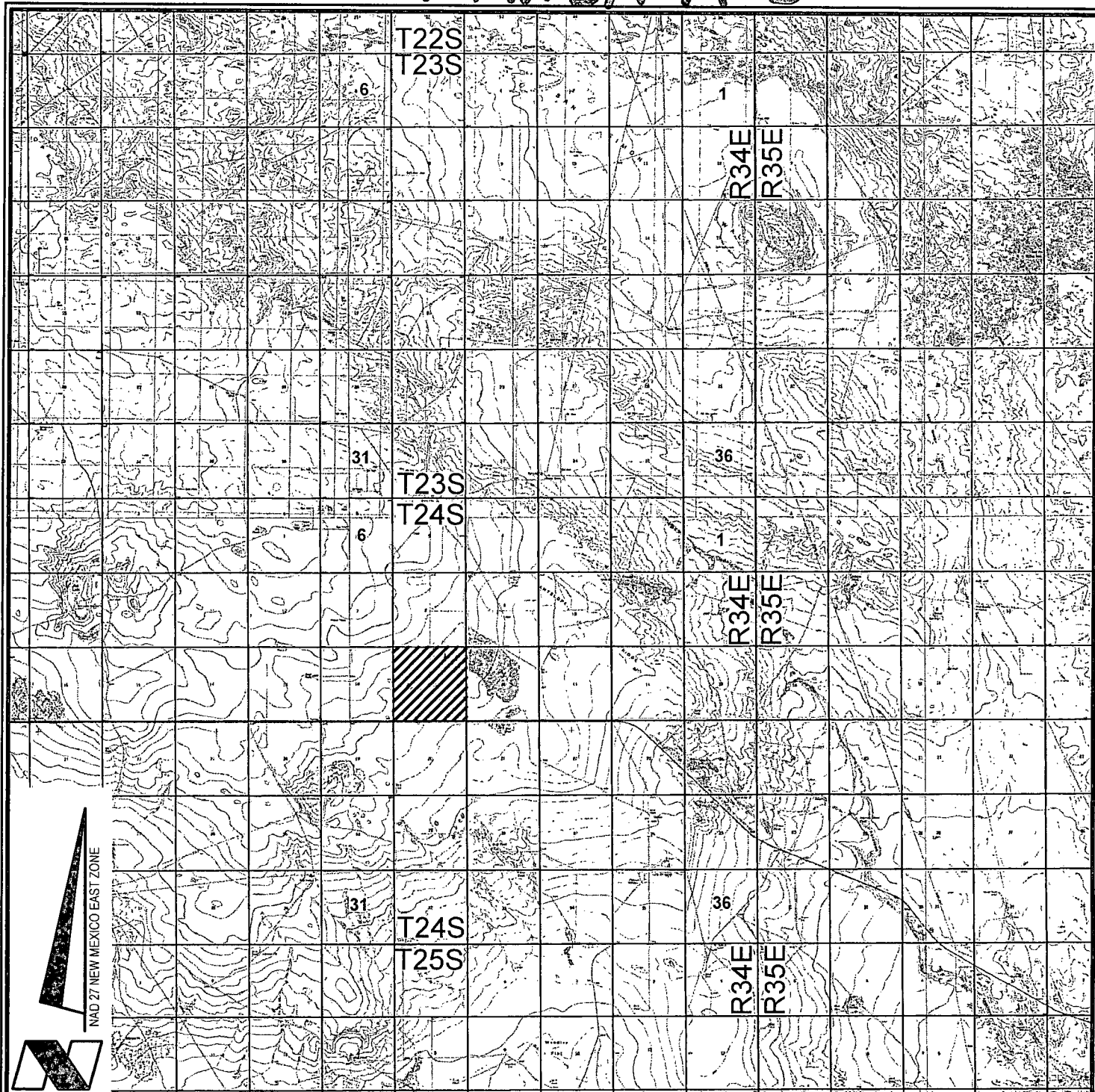
DATE: 09/25/2013

PROJ. MGR.: VHV

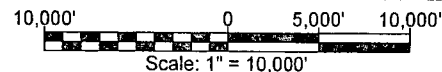
SHEET 1 OF 3 SHEETS

FILENAME: T:\2013\2132173\DWG\Prodigal Sun 17 24 34 1H_APD.dwg

Exhibit A-3



VICINITY MAP



CHEVRON U.S.A. INC.

PRODIGAL SUN 17 24 34 NO. 1H WELL

LOCATED 330' FNL AND 1660' FEL

SECTION 17, T24S-R34E

LEA COUNTY, NEW MEXICO



Lafayette New Orleans Houston
135 Regency Sq. Lafayette, LA 70508
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www.fenstermaker.com

DRAWN BY: BMO

REVISED:

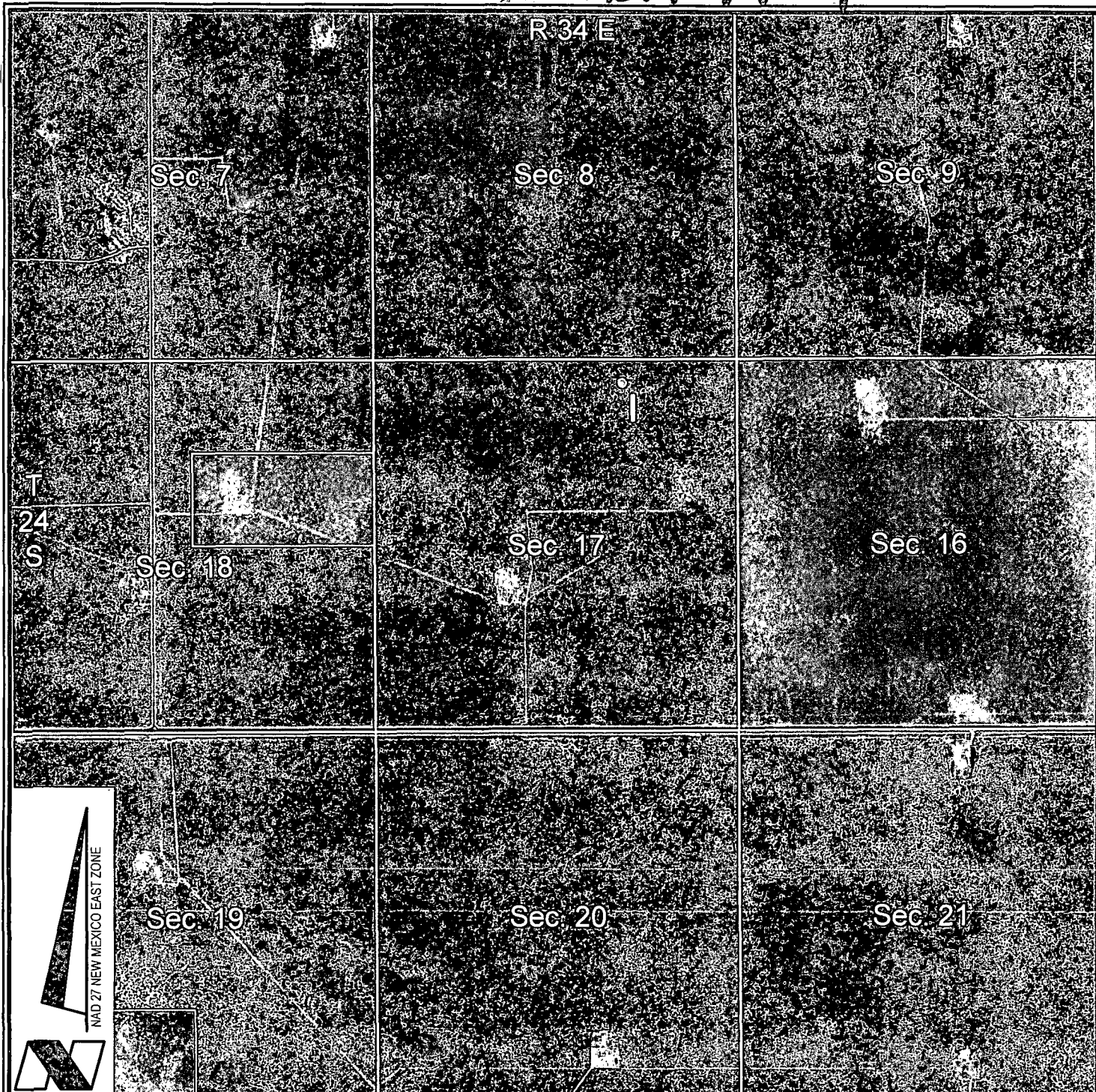
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PROJ. MGR.: VHV

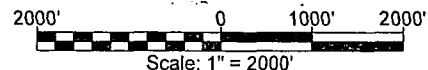
SHEET 2 OF 3 SHEETS

FILENAME: T:\2013\2132173\DWG\Prodigal Sun 17 24 34 1H_APD.dwg

Exhibit A-4



VICINITY MAP



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

CHEVRON U.S.A. INC.

PRODIGAL SUN 17 24 34 NO. 1H WELL

LOCATED 330' FNL AND 1660' FEL

SECTION 17, T24S-R34E

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DRAWN BY: BMO

REVISED:

DATE: 09/25/2013

PROJ. MGR.: VHV

SHEET 3 OF 3 SHEETS

FILENAME: T:\2013\2132173\DWG\Prodigal Sun 17 24 34 1H_APD.dwg

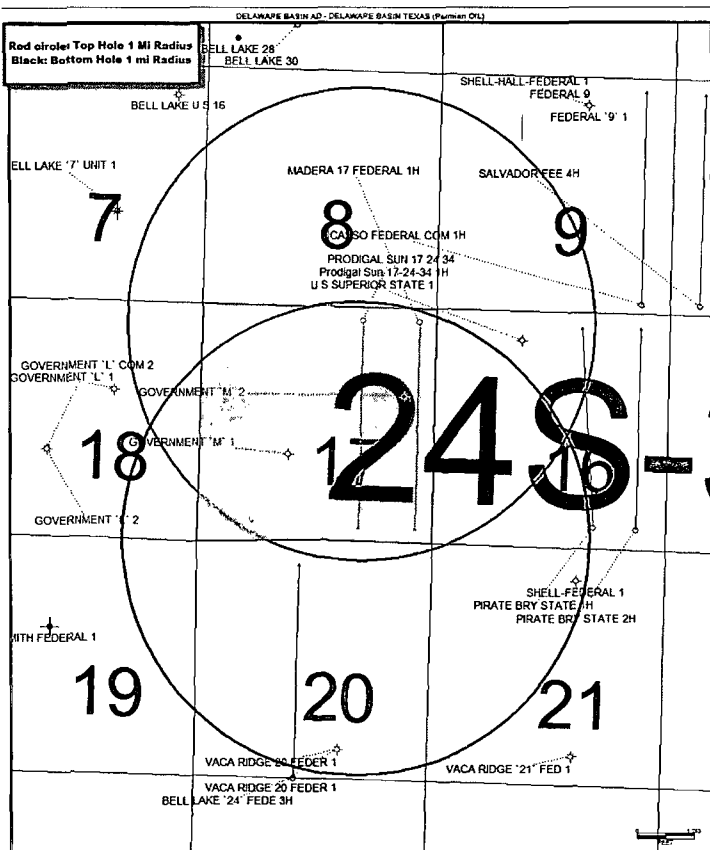
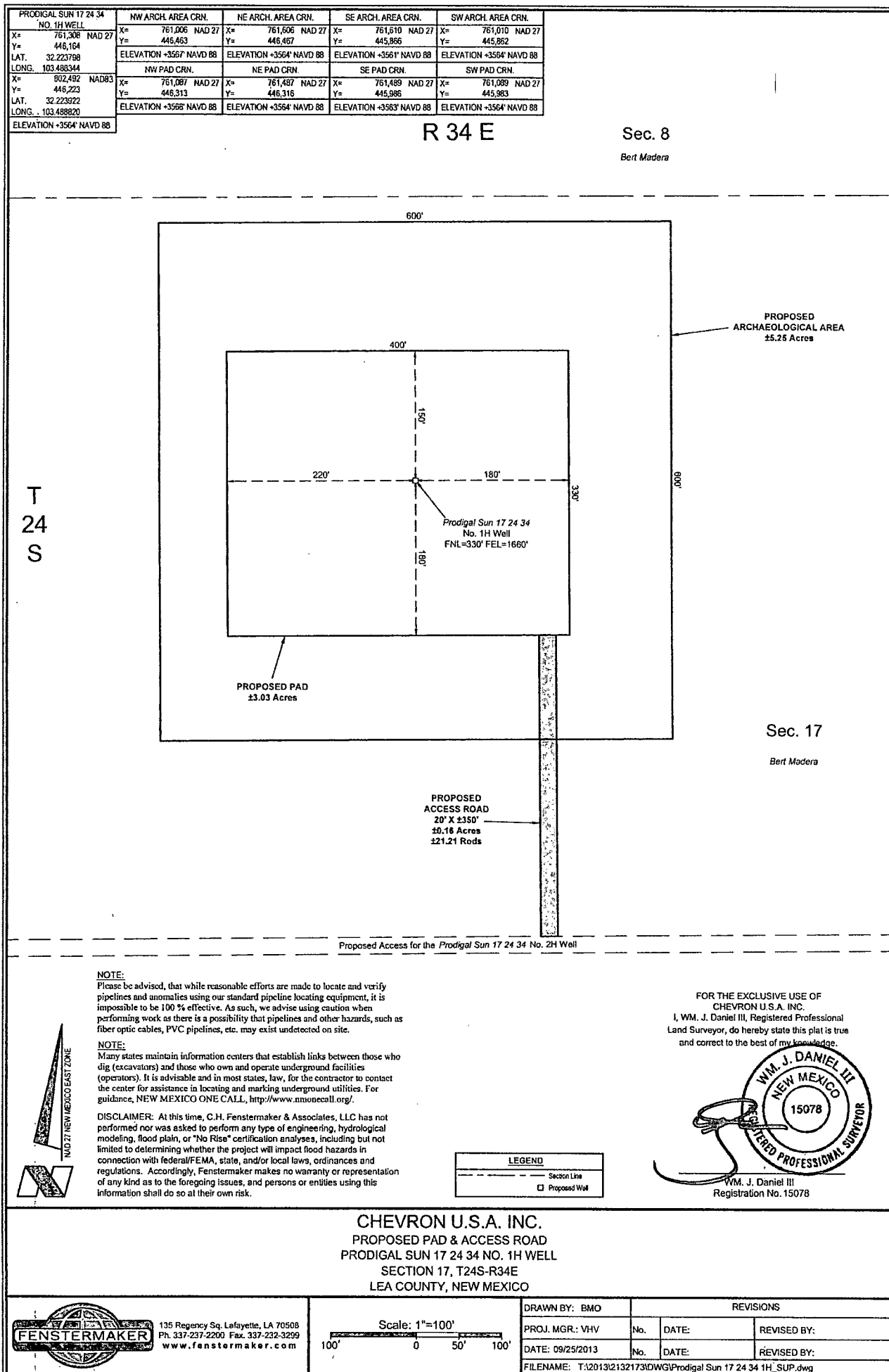


Exhibit B



METES AND BOUNDS DESCRIPTION OF A
PROPOSED FLOWLINE LOCATED IN
SECTION 17, T24S-R34E
LEA COUNTY, NEW MEXICO

PRODIGAL SUN 17 24 34 NO. 1H FLOWLINE

SURVEY OF A PROPOSED FLOWLINE 1,716.18 FEET OR 104.01 RODS IN LENGTH CROSSING PRIVATE LANDS IN SECTION 17 OF TOWNSHIP 24 SOUTH RANGE 34 EAST, LEA COUNTY, NEW MEXICO.

COMMENCING AT THE NORTHEAST CORNER OF SAID SECTION 17 TOWNSHIP 24 SOUTH RANGE 34 EAST AT A FOUND 1 ½" IRON PIPE WITH GLO CAP; **THENCE** SOUTH 71 DEGREES 01 MINUTES 26 SECONDS WEST 1,603.70 FEET TO THE **POINT OF BEGINNING**, SAID POINT OF BEGINNING HAVING THE FOLLOWIING COORDINATES: X=761,448.46, Y= 445,985.25 (NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 27).

THENCE SOUTH 00 DEGREES 28 MINUTES 41 SECONDS EAST 345.05 FEET;

THENCE SOUTH 89 DEGREES 29 MINUTES 38 SECONDS WEST 1,024.80 FEET;

THENCE NORTH 00 DEGREES 27 MINUTES 36 SECONDS WEST 346.34 FEET TO THE **POINT OF ENDING**, SAID POINT OF ENDING HAVING THE FOLLOWING COORDINATES; X=760,423.80, Y= 445,977.48 (NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 27).

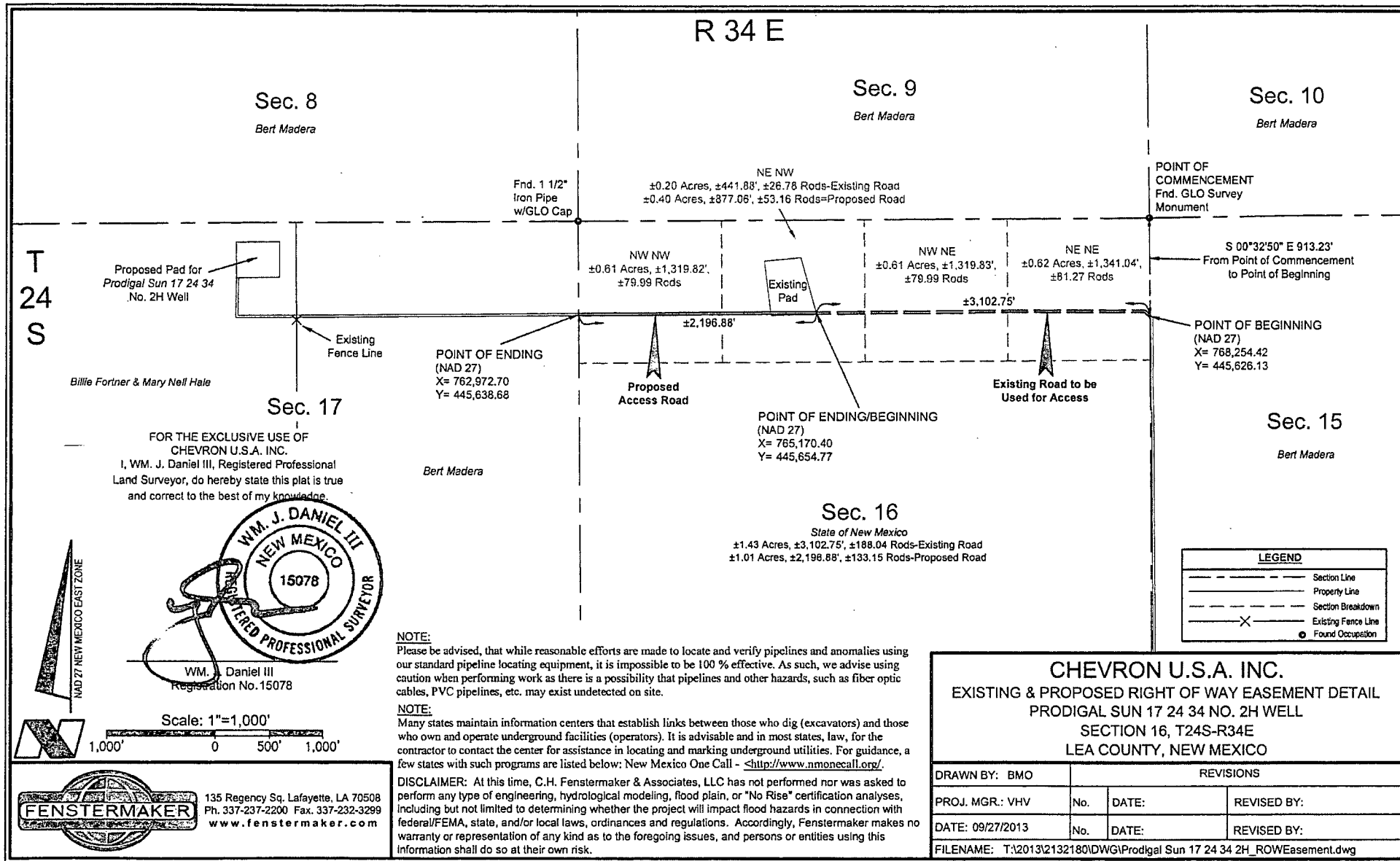
REFERENCE IS HEREBY MADE TO A SEPARATE PLAT OF THE SUBJECT PROPOSED FLOWLINE.

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 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





**METES AND BOUNDS DESCRIPTION OF
AN EXISTING & PROPOSED ROAD TO BE USED FOR ACCESS
SECTION 16, T24S-R34E
Lea County, New Mexico**

Survey of an existing and proposed road to be used for access crossing State of New Mexico lands in Section 16 of Township 24 South Range 34 East, N.M.P.M Lea County, New Mexico.

COMMENCING at the Northeast corner of said Section 16 of Township 24 South Range 34 East at a found GLO Survey Monument; **Thence** South 00 degrees 32 minutes 50 seconds East 913.23 feet along the east line of said Section 16 to the **POINT OF BEGINNING** of an existing road having the following coordinates: X= 768,254.42 and Y= 445,626.13 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

Thence North 46 degrees 15 minutes 39 seconds West 67.14 feet;

Thence North 89 degrees 58 minutes 34 seconds West 603.37 feet;

Thence North 89 degrees 59 minutes 10 seconds West 605.48 feet;

Thence South 89 degrees 18 minutes 03 seconds West 603.71 feet;

Thence South 89 degrees 18 minutes 50 seconds West 301.87 feet;

Thence South 89 degrees 39 minutes 21 seconds West 604.33 feet;

Thence South 89 degrees 21 minutes 17 seconds West 316.84 feet to the **POINT OF ENDING** of an existing road and the **POINT OF BEGINNING** of a proposed access road having the following coordinates: X= 765,170.40 and Y= 445,654.77 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

Thence South 89 degrees 29 minutes 39 seconds West 2,196.88 feet to the **POINT OF ENDING** of a proposed access road having the following coordinates: X= 762,972.70 and Y= 445,638.68 (New Mexico State Plane Coordinate System, East Zone, NAD 27);

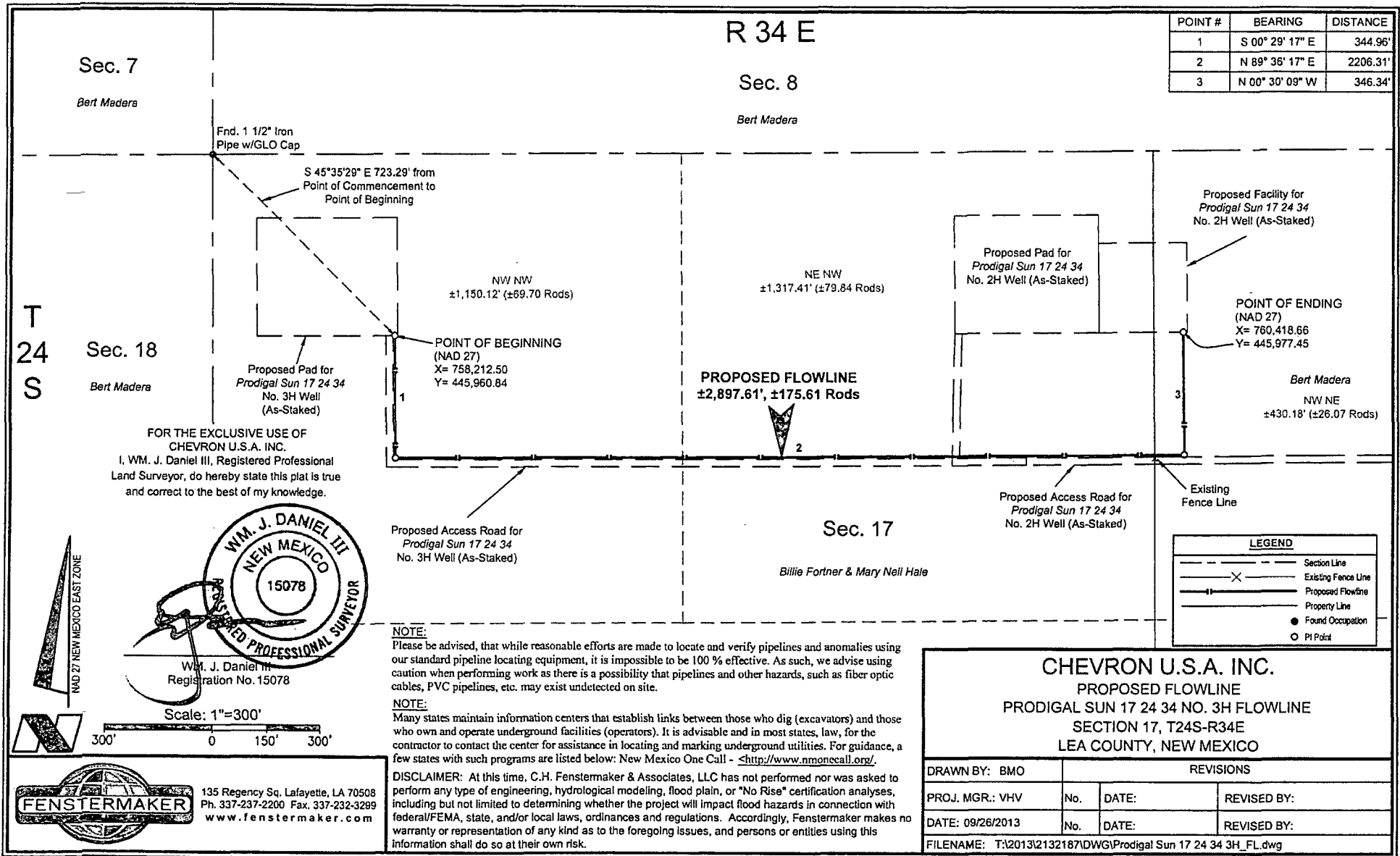
Reference is hereby made to a separate plat of the subject existing and proposed access roads.

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 and proposed road. 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 A
PROPOSED FLOWLINE LOCATED IN
SECTION 17, T24S-R34E
LEA COUNTY, NEW MEXICO

PRODIGAL SUN 17 24 34 NO. 3H FLOWLINE

SURVEY OF A PROPOSED FLOWLINE 2,897.61 FEET OR 175.61 RODS IN LENGTH CROSSING PRIVATE LANDS IN SECTION 17 OF TOWNSHIP 24 SOUTH RANGE 34 EAST, LEA COUNTY, NEW MEXICO.

COMMENCING AT THE NORTHWEST CORNER OF SAID SECTION 17 TOWNSHIP 24 SOUTH RANGE 34 EAST AT A FOUND 1 ½" IRON PIPE WITH GLO CAP; THENCE SOUTH 45 DEGREES 35 MINUTES 29 SECONDS EAST 723.29 FEET TO THE POINT OF BEGINNING, SAID POINT OF BEGINNING HAVING THE FOLLOWING COORDINATES: X=758,212.50, Y= 445,960.84 (NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 27).

THENCE SOUTH 00 DEGREES 29 MINUTES 17 SECONDS EAST 344.96 FEET;

THENCE NORTH 89 DEGREES 36 MINUTES 17 SECONDS EAST 2,206.31 FEET;

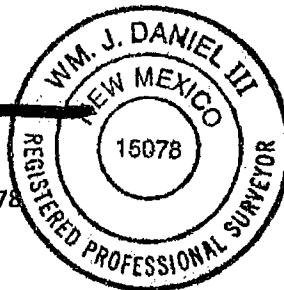
THENCE NORTH 00 DEGREES 30 MINUTES 09 SECONDS WEST 346.34 FEET TO THE POINT OF ENDING, SAID POINT OF ENDING HAVING THE FOLLOWING COORDINATES; X=760,418.66, Y= 445,977.45 (NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 27).

REFERENCE IS HEREBY MADE TO A SEPARATE PLAT OF THE SUBJECT PROPOSED FLOWLINE.

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 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



PRODIGAL SUN 17 24 34 NO. 1H WELL	NW ARCH. AREA CRN.	NE ARCH. AREA CRN.	SE ARCH. AREA CRN.	SW ARCH. AREA CRN.	NW FACILITY PAD CORNER	NE FACILITY PAD CORNER
X= 761,308 NAD 27 Y= 446,164 LAT. 32.223798 LONG. 103.488344	X= 761,006 NAD 27 Y= 446,463 ELEVATION +3567' NAVD 88	X= 761,606 NAD 27 Y= 446,467 ELEVATION +3564' NAVD 88	X= 761,610 NAD 27 Y= 445,866 ELEVATION +3561' NAVD 88	X= 761,010 NAD 27 Y= 445,862 ELEVATION +3564' NAVD 88	X= 761,512 NAD 27 Y= 446,291 ELEVATION +777' NAVD 88	X= 761,612 NAD 27 Y= 446,291 ELEVATION +777' NAVD 88
	NW PAD CRN.	NE PAD CRN.	SE PAD CRN.	SW PAD CRN.	SW FACILITY PAD CORNER	SE FACILITY PAD CORNER
X= 802,492 NAD83 Y= 446,223 LAT. 32.223922 LONG. 103.488820	X= 761,142 NAD 27 Y= 446,289 ELEVATION +777' NAVD 88	X= 761,512 NAD 27 Y= 446,291 ELEVATION +777' NAVD 88	X= 761,514 NAD 27 Y= 445,961 ELEVATION +777' NAVD 88	X= 761,145 NAD 27 Y= 445,958 ELEVATION +777' NAVD 88	X= 761,514 NAD 27 Y= 446,046 ELEVATION +777' NAVD 88	X= 761,614 NAD 27 Y= 446,046 ELEVATION +777' NAVD 88

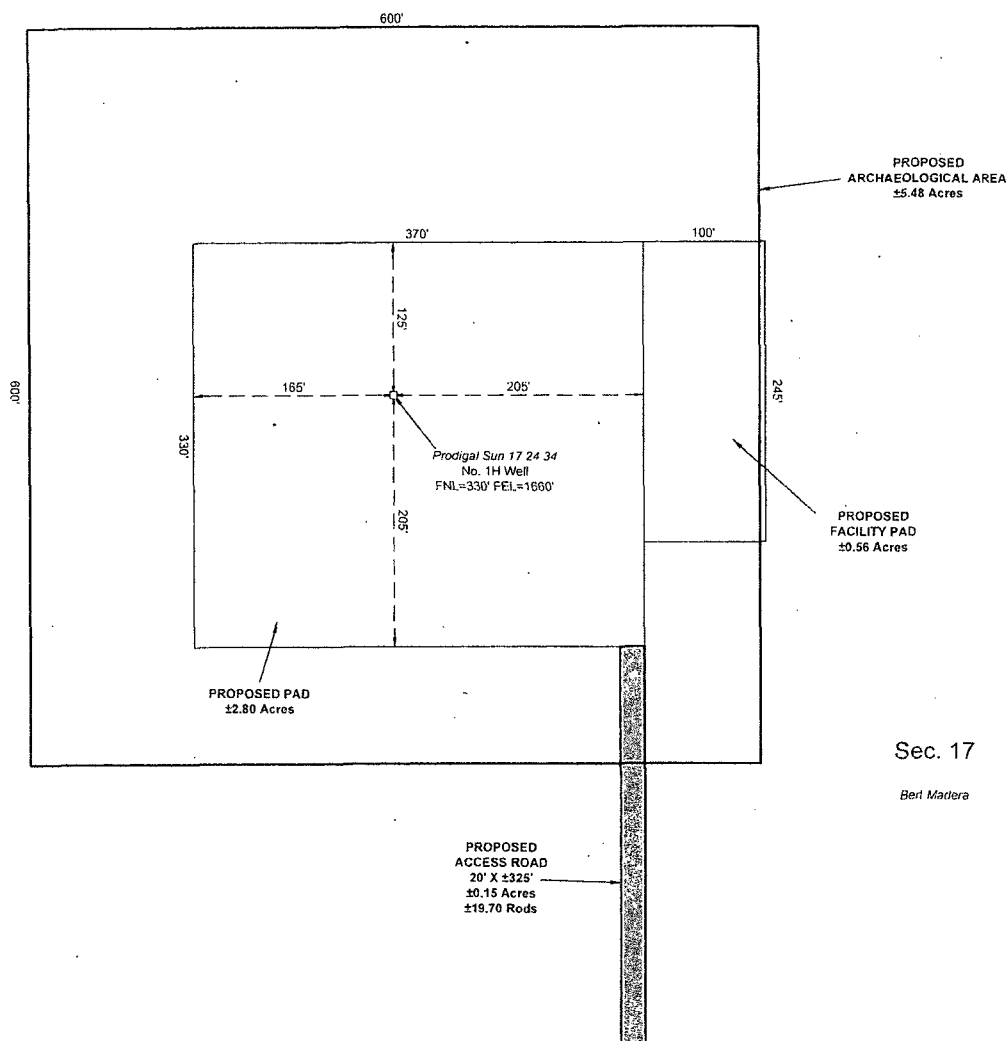
ELEVATION +3564' NAVD 88

R 34 E

Sec. 8

Bert Madera

T
24
S



Sec. 17

Bert Madera

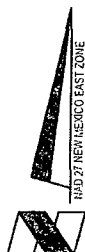
NOTE:

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.

NOTE:

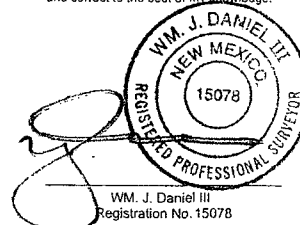
Many states maintain information centers that establish links between those who dig (excavators) and those who own and operate underground facilities (operators). It is advisable and in most states, law, for the contractor to contact the center for assistance in locating and marking underground utilities. For guidance, New Mexico One Call, www.nmonecall.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/FEMA, 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.



LEGEND	
Section Line	
Proposed Well	

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.



CHEVRON U.S.A. INC.
PROPOSED PAD & ACCESS ROAD
PRODIGAL SUN 17 24 34 NO. 1H WELL
SECTION 17, T24S-R34E
LEA COUNTY, NEW MEXICO



135 Regency Sq. Lafayette, LA 70508
Ph. 337-237-2200 Fax. 337-232-3295
www.fenstermaker.com

Scale: 1"=100'
100' 0 50' 100'

DRAWN BY: BMO		REVISIONS	
PROJ. MGR.: VHV	No. 1	DATE: 01/15/2014	REVISED BY: BMO
DATE: 09/25/2013	No.	DATE:	REVISED BY:
FILENAME: T:\2013\2132173\DWG\Prodigal Sun 17 24 34 1H_SUP.dwg			