

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

Form C-101
Revised October 25, 2012

Energy Minerals and Natural Resources**Oil Conservation Division**
☐ AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

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

1. Operator Name and Address Chevron USA Inc. 15 Smith Road Midland, TX 79705		2. OGRID Number 4323
3. Property Name WEST SHUGART 2 19 30 STATE		5. API Number 30-015-40842
4. Property Code 39552	4. Well No. 3H	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	2	19 S	30 E	4	1195'	N	150'	W	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	2	19 S	30 E		1195'	N	350'	E	EDDY

9. Pool Information

BENSON; BONE SPRING (5200)	
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Additional Well Information

11. Work Type N	12. Well Type O	13. Cable/Rotary C	14. Lease Type S	15. Ground Level Elevation 3473'
16. Multiple N	17. Proposed Depth 13095'	18. Formation BONE SPRING	19. Contractor TBD	20. Spud Date ASAP
Depth to Ground water NO RECORDS FOUND		Distance from nearest fresh water well NO RECORDS FOUND		Distance to nearest surface water 1.662 Miles SSW

21. Proposed Casing and Cement Program (See attached casing program)

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

Casing/Cement Program: Additional Comments

NMOC D's forms C-102, C-144(CLEZ) pit permit, proposed casing, directional planning report is attached. There are no known high levels of H₂S in this area. However, monitoring of H₂S and well readiness will be utilized in the drilling of this well. NSL required. Drill Only.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DOUBLE RAM	5000	5000	

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>Bryan Arrant</i>		OIL CONSERVATION DIVISION	
Printed name: Bryan Arrant (Agent for Chevron)		Approved By: <i>F. C. Shepard</i>	
Title: Regulatory Specialist II		Title: <i>Regulatory Specialist</i>	
E-mail Address: bryan.arrant@chk.com		Approved Date: <i>11/21/2012</i>	Expiration Date: <i>11/21/2014</i>
Date: 11/20/2012	Phone: 405.935.3782	Conditions of Approval Attached	

West Shugart
3H

Type	Hole Size	Casing Size	Casing Weight	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17.5	13.375	48	650	685	0
Intermediate	12.25	9.625	40	1900	420	0
Intermediate	8.75	7	29	8793	380	0
Production Liner	6.125	4.5	13.5	13095	Packers (no cement)	N/A

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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 30-015-40842	² Pool Code (5200)	³ Pool Name BENSON; BONE SPRING
⁴ Property Code 39552	⁵ Property Name WEST SHUGART 2 19 30 STATE	
⁷ OGRID No. 4323	⁸ Operator Name CHEVRON USA, INC.	⁶ Well Number 3H
		⁹ Elevation 3473'

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
D	2	19S	30E		1195'	NORTH	150'	WEST	EDDY

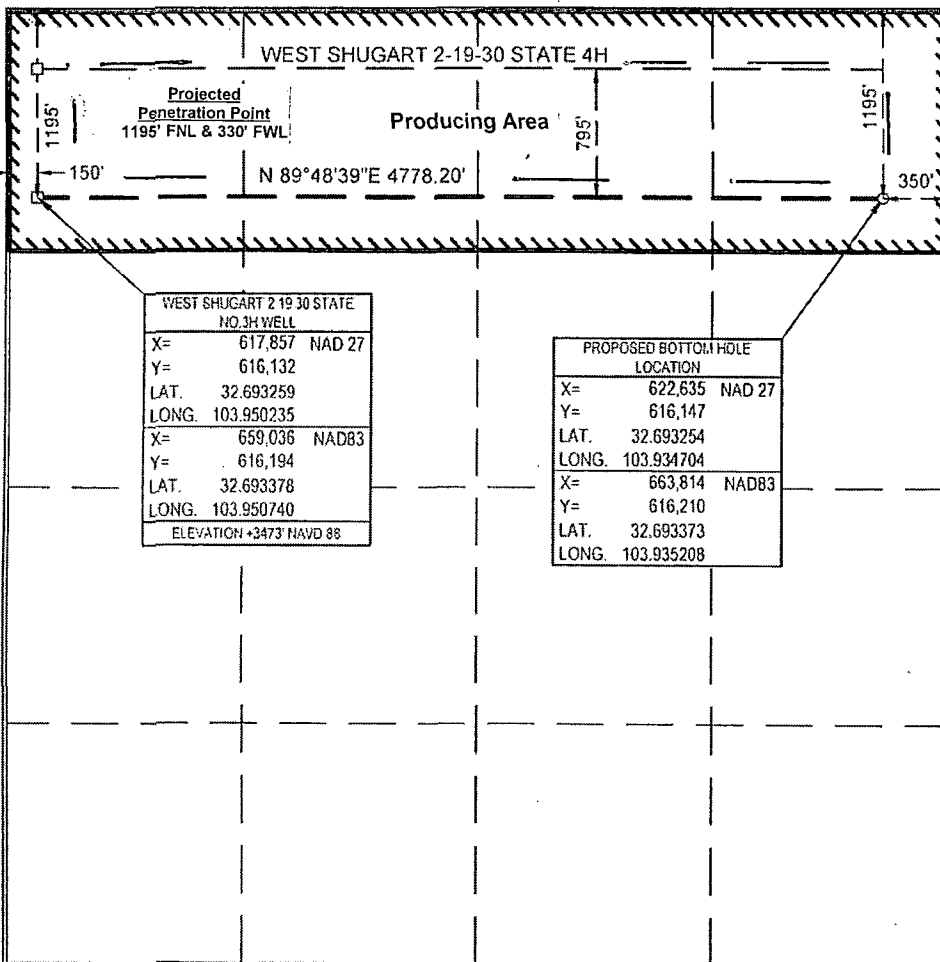
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	2	19S	30E		1195'	NORTH	350'	EAST	EDDY

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.

Project Area



¹³ OPERATOR CERTIFICATION

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 released 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.

Signature: *Bryan Arrant* Date: **11/20/2012**

Bryan Arrant (Agent)

Printed Name

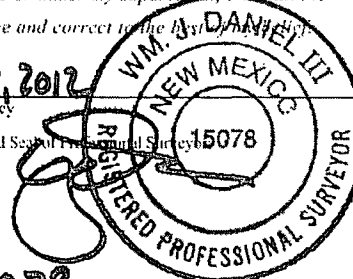
bryan.arrant@chk.com

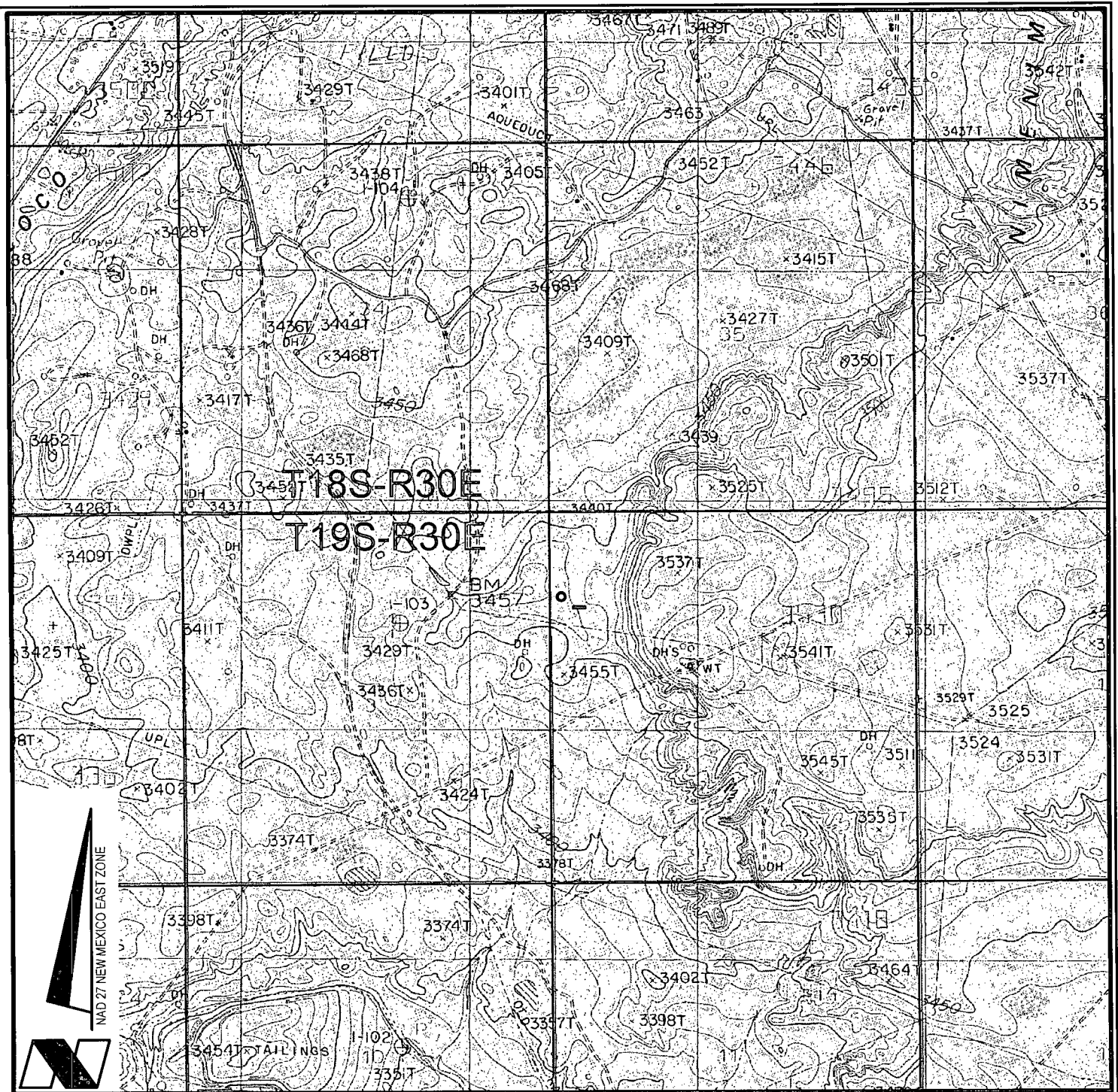
E-mail Address

¹⁴ SURVEYOR CERTIFICATION

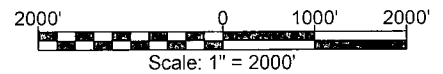
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge.

Date of Survey: **Nov 19, 2012**
Signature and Seal of Professional Surveyor: *[Signature]*
Certificate Number: **15078**





VICINITY MAP



CHEVRON USA, INC.

WEST SHUGART 2-19-30 STATE NO. 3H WELL
 LOCATED 1195' FNL AND 150' FWL
 SECTION 2, T19S-R30E
 EDDY 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

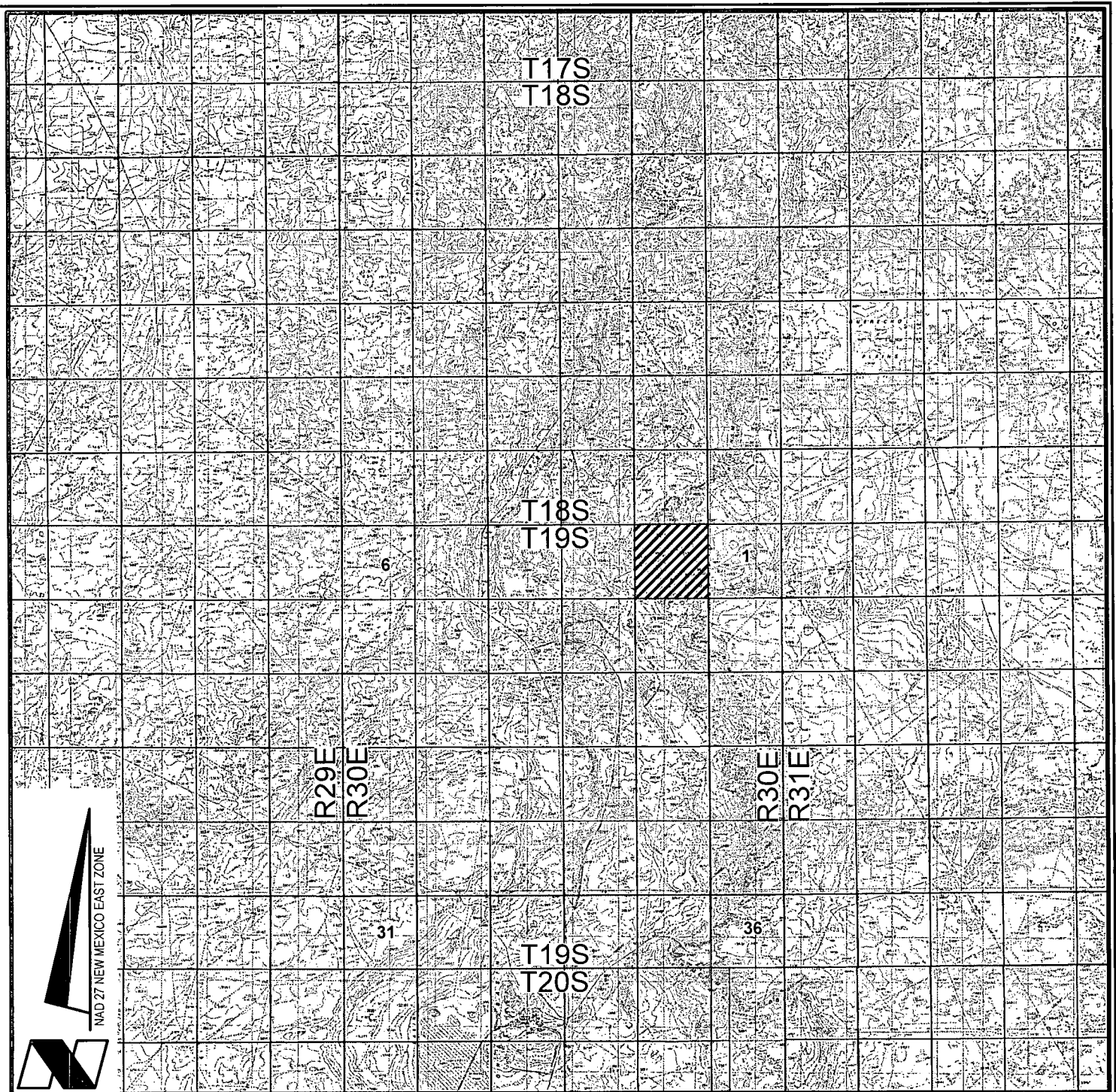
REVISED:

DATE: 11/08/2012

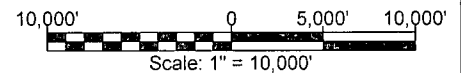
PROJ. MGR.: DBM

SHEET 1 OF 3 SHEETS

FILENAME: T:\2012\2127841\DWG\West Shugart 2-19-30 STATE 3H APD.dwg



VICINITY MAP



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 WEST SHUGART 2-19-30 STATE NO. 3H WELL
 LOCATED 1195' FNL AND 150' FWL
 SECTION 2, T19S-R30E
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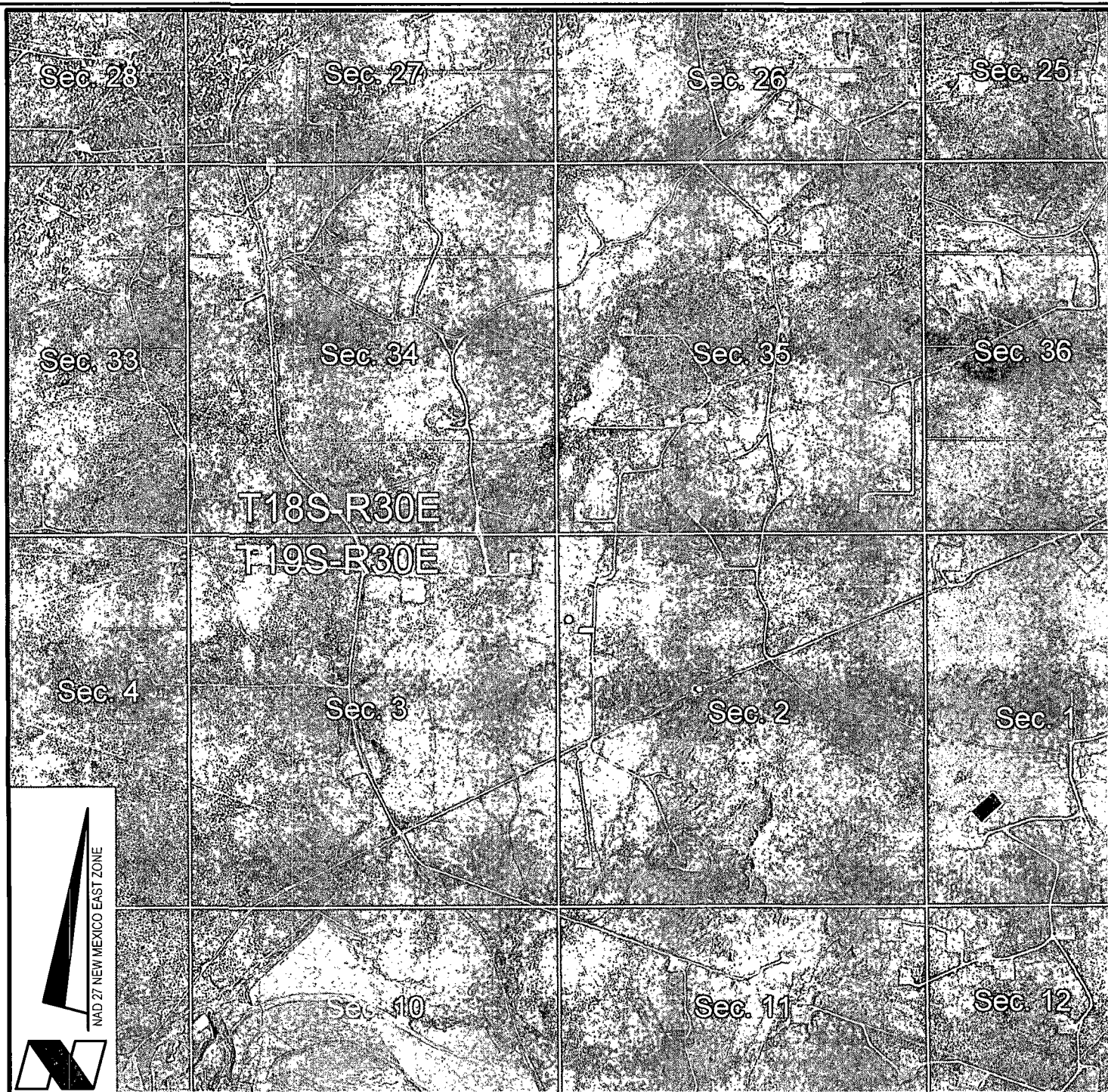
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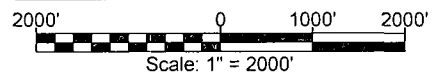
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
SHEET 2 OF 3 SHEETS

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VICINITY MAP



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

CHEVRON USA, INC.
WEST SHUGART 2-19-30 STATE NO. 3H WELL
LOCATED 1195' FNL AND 150' FWL
SECTION 2, T19S-R30E
EDDY COUNTY, NEW MEXICO



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REVISED:

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SHEET 3 OF 3 SHEETS

FILENAME: T:\2012\2127841\DWG\West Shugart 2-19-30 STATE 3H APD.dwg

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, <http://www.nmonecall.org/>.

DISCLAIMER: AT THIS TIME, FENSTERMAKER & ASSOCIATES, INC. 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.

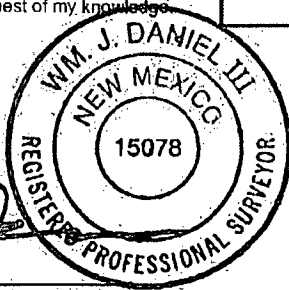
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X= 617,583 NAD 27 Y= 616,432	X= 618,183 NAD 27 Y= 616,431	X= 618,181 NAD 27 Y= 615,831	X= 617,583 NAD 27 Y= 615,832
ELEVATION +3481' NAVD 88	ELEVATION +3466' NAVD 88	ELEVATION +3463' NAVD 88	ELEVATION +3466' NAVD 88
NW PAD CRN.	NE PAD CRN.	SE PAD CRN.	SW PAD CRN.
X= 617,732 NAD 27 Y= 616,297	X= 618,032 NAD 27 Y= 616,296	X= 618,031 NAD 27 Y= 615,966	X= 617,731 NAD 27 Y= 615,967
ELEVATION +3476' NAVD 88	ELEVATION +3467' NAVD 88	ELEVATION +3470' NAVD 88	ELEVATION +3471' NAVD 88

WEST SHUGART 2-19-30 STATE NO. 3H WELL	
X= 617,857 NAD 27 Y= 616,132	
LAT. 32.693259 LONG. -103.950235	
X= 659,036 NAD83 Y= 616,194	
LAT. 32.693378 LONG. -103.950740	
ELEVATION +3473' NAVD 88	

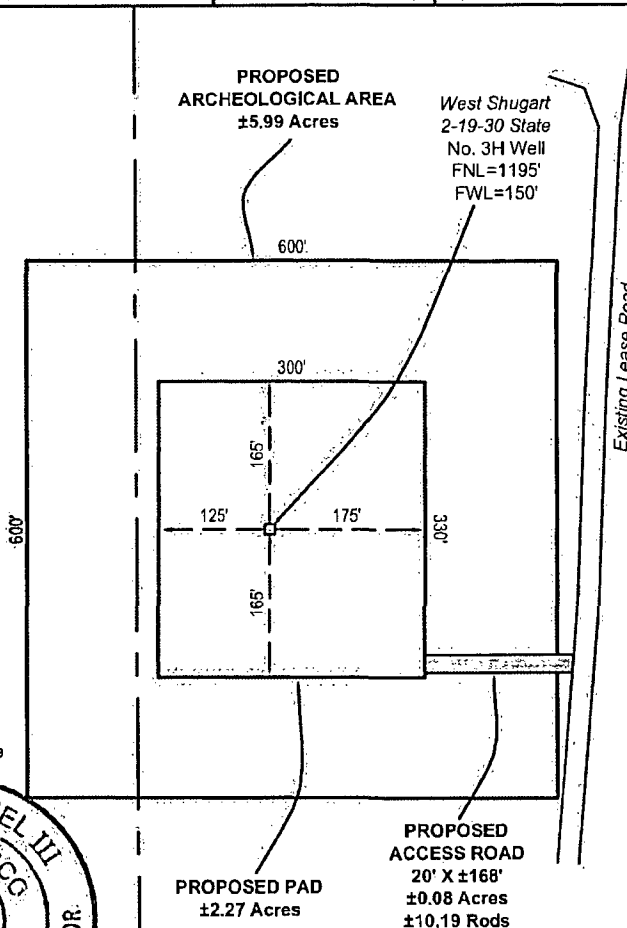
Bureau of Land Management

Sec. 3

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



State of New Mexico

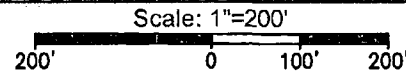
Sec. 2

T
19
S

R 30 E

LEGEND	
	Proposed Well
	Section Line
	Lease Road

SURFACE USE PLAT



CHEVRON USA, INC.
PROPOSED PAD & ACCESS ROAD
WEST SHUGART 2-19-30 STATE NO. 3H WELL
SECTION 2, T19S-R30E
EDDY COUNTY, NEW MEXICO



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

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PROJ. MGR.: DBM	No.	DATE:	REVISED BY:
DATE: 11/08/2012	No.	DATE:	REVISED BY:
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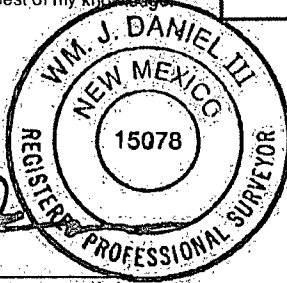
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Sec. 2

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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

**PROPOSED
ARCHEOLOGICAL AREA**
±5.99 Acres

West Shugart
2-19-30 State
No. 3H Well
FNL=1195'
FWL=150'

Existing Lease Road

PROPOSED PAD
±2.27 Acres

**PROPOSED
ACCESS ROAD**
20' X ±168'
±0.08 Acres
±10.19 Rods

R 30 E

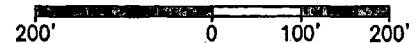
**T
19
S**

LEGEND

- ☐ Proposed Well
- Section Line
- Lease Road

SURFACE USE PLAT

Scale: 1"=200'



CHEVRON USA, INC.
PROPOSED PAD & ACCESS ROAD
WEST SHUGART 2-19-30 STATE NO. 3H WELL
SECTION 2, T19S-R30E
EDDY COUNTY, NEW MEXICO



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