

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		3. 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)

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

NMOCD'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  and/or 19.15.14.9 (B) NMAC , if applicable.

Signature: *Bryan Arrant*

Printed name: Bryan Arrant (Agent for Chevron)

Title: Regulatory Specialist II

E-mail Address: bryan.arrant@chk.com

Date: 11/20/2012 Phone: 405.935.3782

OIL CONSERVATION DIVISION

Approved By: *J. C. Shepard*

Title: *POOL ASSIST*

Approved Date: *11/21/2012* Expiration Date: *11/21/2014*

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

**District I**  
1623 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) 748-1253 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  
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**

<sup>1</sup> API Number <b>30-015-40842</b>		<sup>2</sup> Pool Code <b>(5200)</b>		<sup>3</sup> Pool Name <b>BENSON; BONE SPRING</b>	
<sup>4</sup> Property Code <b>39552</b>		<sup>5</sup> Property Name <b>WEST SHUGART 2 19 30 STATE</b>			<sup>6</sup> Well Number <b>3H</b>
<sup>7</sup> OGRID No. <b>4323</b>		<sup>8</sup> Operator Name <b>CHEVRON USA, INC.</b>			<sup>9</sup> Elevation <b>3473'</b>

<sup>10</sup> 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

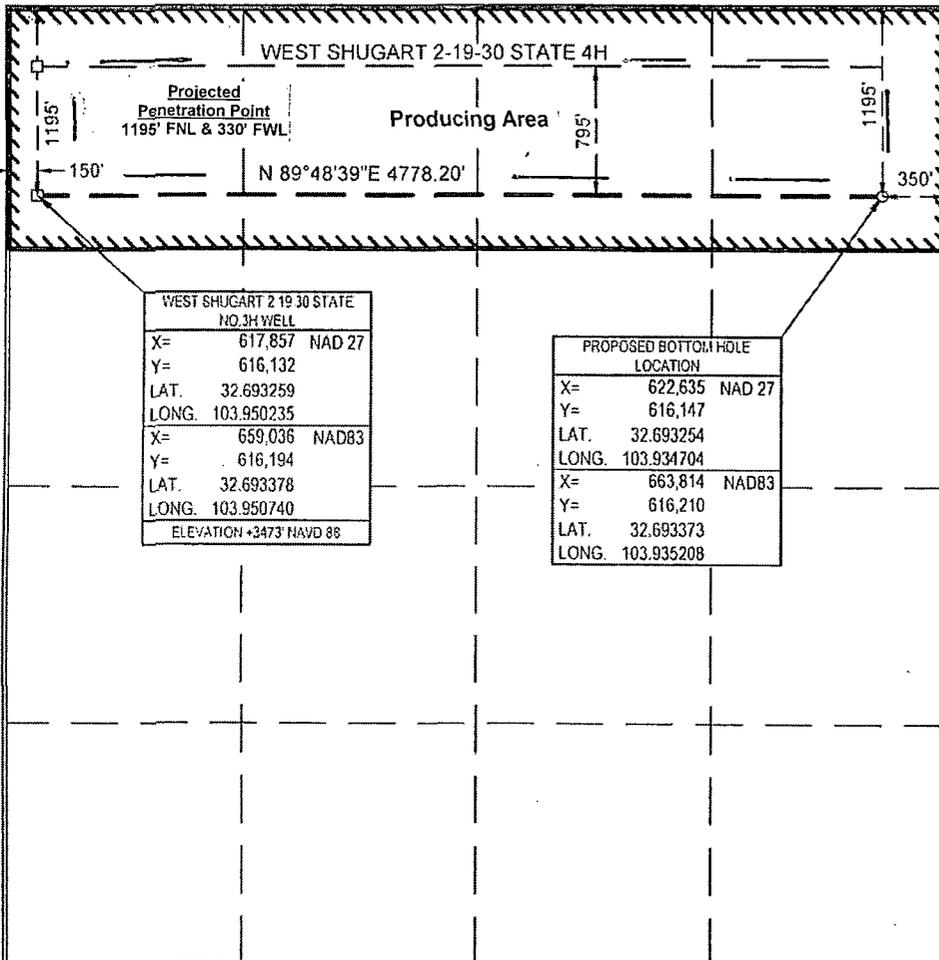
<sup>11</sup> Bottom Hole Location If Different From Surface

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

<sup>12</sup> Dedicated Acres <b>160</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
---	-------------------------------	----------------------------------	-------------------------

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**



**<sup>16</sup> 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.

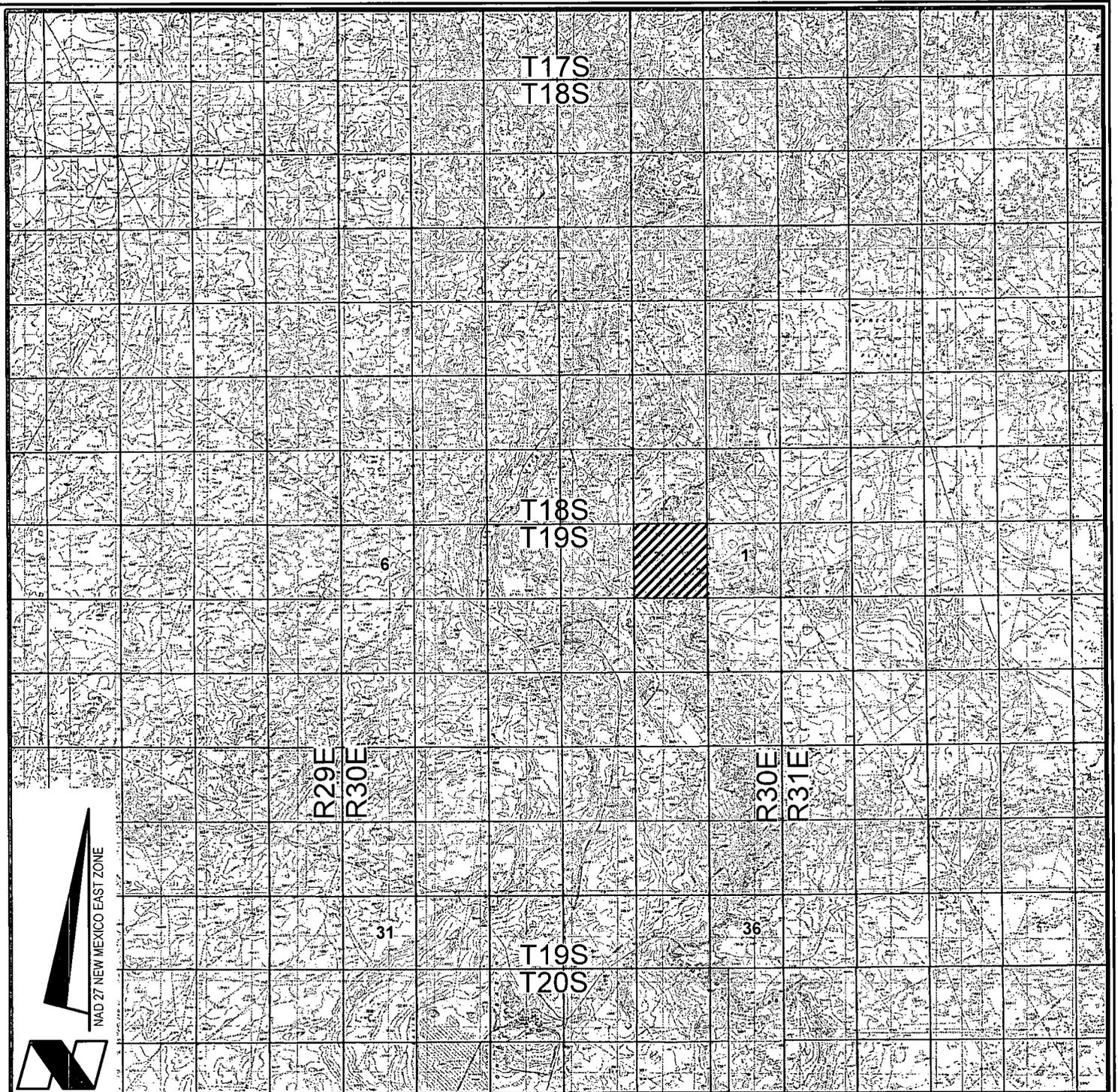
Signature: *Bryan Arrant* Date: **11/20/2012**  
Printed Name: **Bryan Arrant (Agent)**  
E-mail Address: **bryan.arrant@chk.com**

**<sup>17</sup> 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.

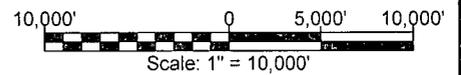
Date of Survey: **Nov 19, 2012**  
Signature and Seal of Registered Surveyor: *[Signature]*  
Certificate Number: **#15078**

W.M. DANIEL III  
NEW MEXICO  
REGISTERED PROFESSIONAL SURVEYOR  
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](http://www.fenstermaker.com)

DRAWN BY: BMO

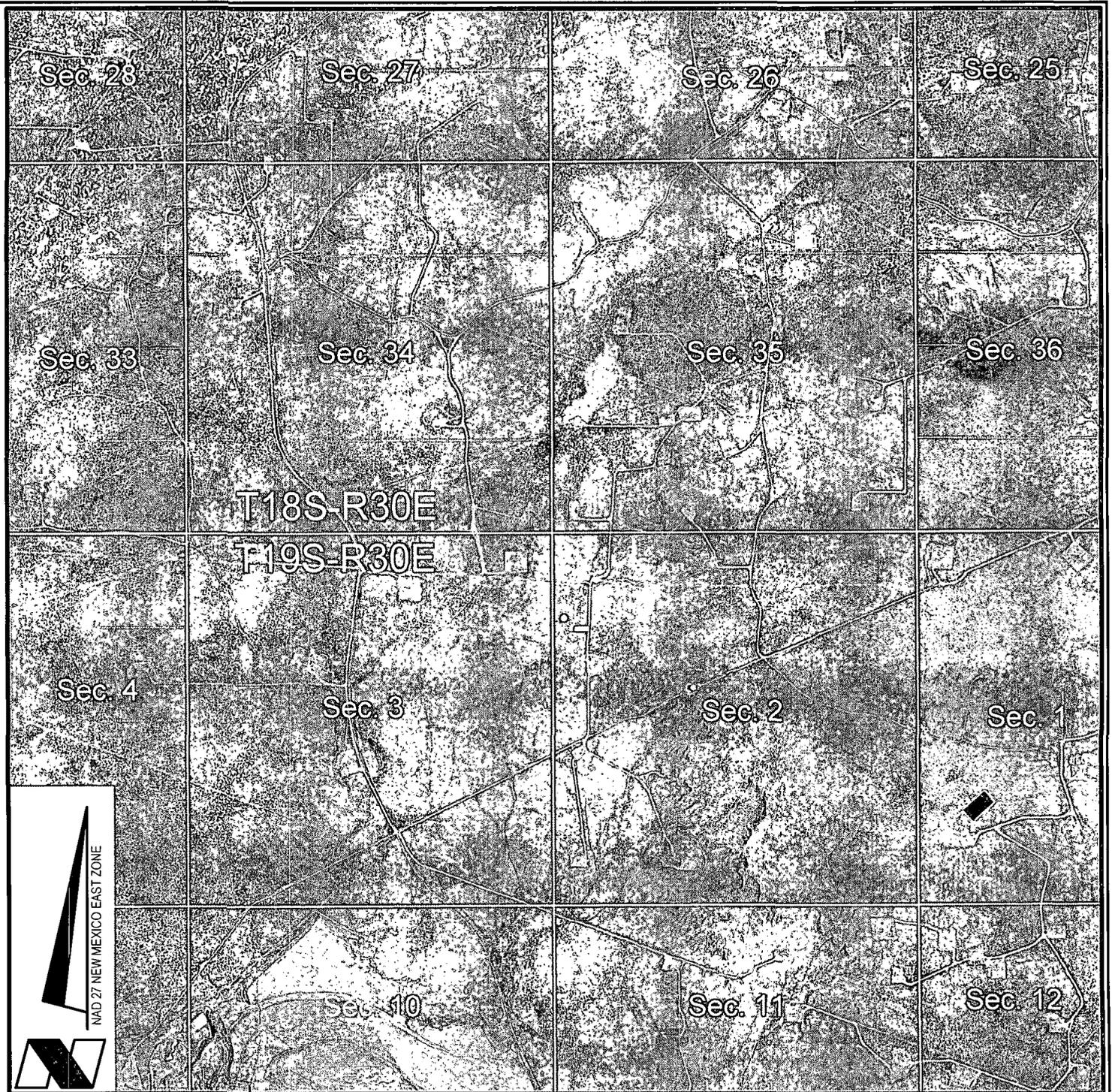
REVISED:

DATE: 11/08/2012

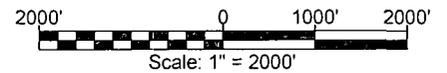
PROJ. MGR.: DBM

SHEET 2 OF 3 SHEETS

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



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



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: 11/08/2012

PROJ. MGR.: DBM

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.

NW ARCH. AREA CRN.	NE ARCH. AREA CRN.	SE ARCH. AREA CRN.	SW ARCH. AREA CRN.
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

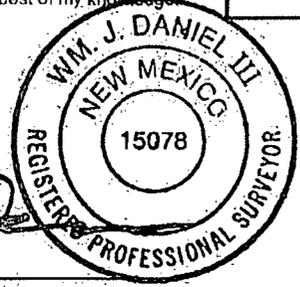
WEST SHUGART 2-19-30 STATE NO. 3H WELL	
X= 617,857 NAD 27	Y= 616,132
LAT. 32.693259	LONG. -103.950235
X= 659,036 NAD83	Y= 616,194
LAT. 32.693378	LONG. -103.950740
ELEVATION +3473' NAVD 88	

Bureau of Land Management  
Sec. 3

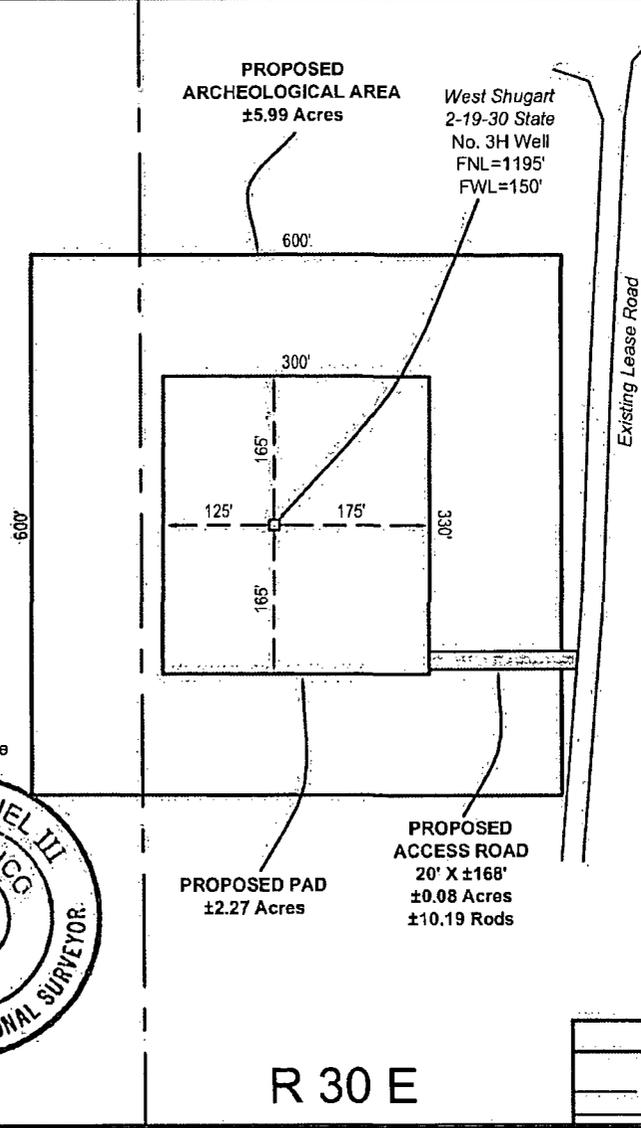
State of New Mexico  
Sec. 2

T  
19  
S

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.



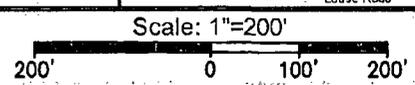
WM. J. Daniel III  
Registration No. 15078



LEGEND	
	Proposed Well
	Section Line
	Lease Road

R 30 E

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](http://www.fenstermaker.com)

DRAWN BY: BMO		REVISIONS	
PROJ. MGR.: DBM	No.	DATE:	REVISED BY:
DATE: 11/08/2012	No.	DATE:	REVISED BY:
FILENAME: T:\2012\2127841\DWG\West Shugart 2-19-30 State 3H SUP.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.

NW ARCH. AREA CRN.	NE ARCH. AREA CRN.	SE ARCH. AREA CRN.	SW ARCH. AREA CRN.
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

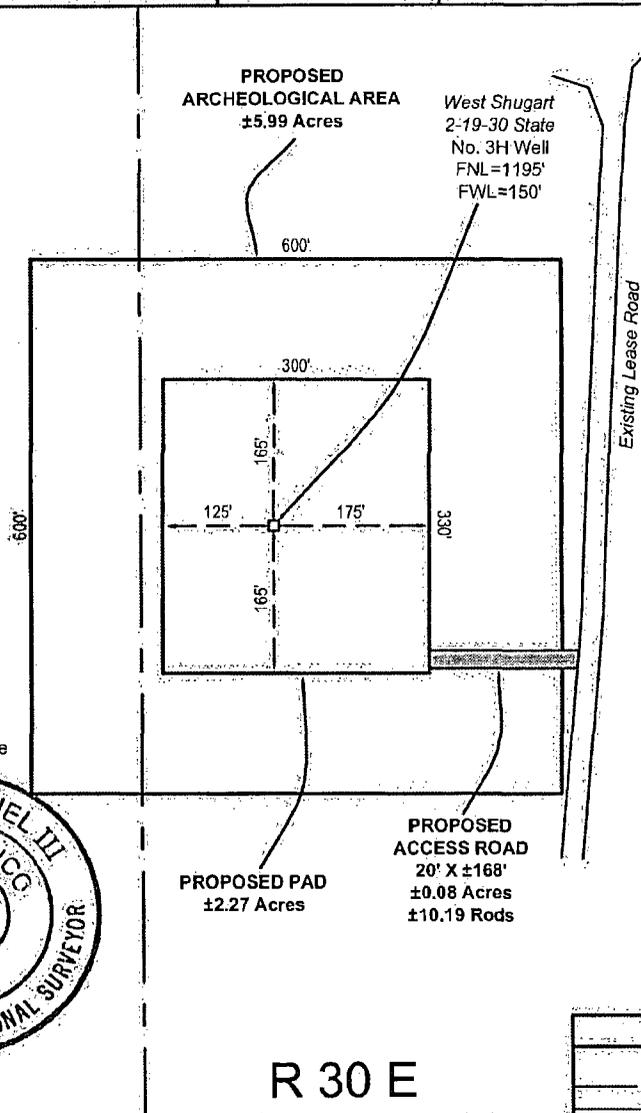
State of New Mexico  
Sec. 2

T  
19  
S

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.



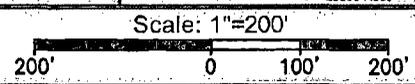
WM. J. Daniel III  
Registration No. 15078



LEGEND	
	Proposed Well
	Section Line
	Lease Road

R 30 E

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](http://www.fenstermaker.com)

DRAWN BY: BMO		REVISIONS	
PROJ. MGR.: DBM	No.	DATE:	REVISED BY:
DATE: 11/08/2012	No.	DATE:	REVISED BY:
FILENAME: T:\2012\127841\DWG\West Shugart 2-19-30 State 3H SUP.dwg			