

**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 November 14, 2012

Energy Minerals and Natural Resources

Oil Conservation Division

AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

**HOBBS OCD**  
**JAN 31 2013**

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

<sup>1</sup> Operator Name and Address Chevron USA, Inc. 15 Smith Road Midland, TX 79705		<sup>2</sup> OGRID Number 4323
		<sup>5</sup> API Number 30-025-40971
<sup>4</sup> Property Code 391077	<sup>3</sup> Property Name MCCLOY RANCH 29 24 33 ST	<sup>6</sup> Well No. 3H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
B	29	24S	33E		100'	S	2020'	E	LEA

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
O	29	24S	33E		300'	S	2020'	E	LEA

**9. Pool Information**

TRISTE DRAW; BONE SPRING <i>East</i>	<sup>7</sup> Pool Name	<sup>8</sup> Pool Code 9660382
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**Additional Well Information**

<sup>11</sup> Work Type N	<sup>12</sup> Well Type O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type S	<sup>15</sup> Ground Level Elevation 3531'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 15,726'	<sup>18</sup> Formation Bone Spring	<sup>19</sup> Contractor TBD	<sup>20</sup> Spud Date
Depth to Ground water NO RECORDS		Distance from nearest fresh water well NO RECORDS		Distance to nearest surface water 16 MILES

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17 1/2"	13 3/8"	48#	1300'	1800	0'
Intermediate	12 1/4"	9 5/8"	40#	5000'	1800	0'
Production	8 3/4"	5 1/2"	17#	15,726'	1400	4500'

**Casing/Cement Program: Additional Comments**

DETAILED INFORMATION IS ATTACHED.

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

**Permit Expires 2 Years From Approval Date Unless Drilling Underway**

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. <b>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.</b> Signature: <i>Bryan Arrant</i> Printed name: Bryan Arrant-Agent for Chevron USA, Inc. Title: Regulatory Specialist II E-mail Address: bryan.arrant@chk.com Date: 01/30/2013	OIL CONSERVATION DIVISION Approved By: <i>[Signature]</i> Title: <b>Petroleum Engineer</b> Approved Date: <b>FEB 01 2013</b> Expiration Date:
	Conditions of Approval Attached

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Phone: (505) 476-3460 Fax: (505) 476-3462

**HOBBS OGD**

**JAN 31 2013**

**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**

<sup>1</sup> API Number <b>30-025-40971</b>	<sup>2</sup> Pool Code <b>(96683) 82</b>	<sup>3</sup> Pool Name <b>TRISTE DRAW; BONE SPRING East</b>
<sup>4</sup> Property Code <b>39677</b>	<sup>5</sup> Property Name <b>MCCLOY RANCH 29 24 33 ST</b>	
<sup>7</sup> OGRID No. <b>4323</b>	<sup>8</sup> Operator Name <b>CHEVRON U.S.A. INC.</b>	<sup>6</sup> Well Number <b>3H</b>
<sup>9</sup> Elevation <b>3531'</b>		

**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	29	24 SOUTH	33 EAST, N.M.P.M.		100'	NORTH	2020'	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	29	24 SOUTH	33 EAST, N.M.P.M.		300'	SOUTH	2020'	EAST	LEA

<sup>12</sup> Dedicated Acres <b>160</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

**16 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 impleased 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 an mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order hereinafter entered by the division.

*Bryan Arrant* 01/29/2013  
Signature Date

**Bryan Arrant (Agent for Chevron)**  
Printed Name  
[bryan.arrant@chk.com](mailto:bryan.arrant@chk.com)  
E-mail Address

**17 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 belief.

*[Signature]* 01/29/2013  
Date of Survey  
Signature and Seal of Registered Professional Surveyor  
**J. DANIEL III**  
**REGISTERED PROFESSIONAL SURVEYOR**  
15078

Certificate Number  
**#15078**

### **McCloy Ranch 29-24-33 ST 3H**

NMOCD's forms C-102, C-144(CLEZ) pit permit, directional planning report, and depth to ground water reports are enclosed. There are no known high levels of H<sub>2</sub>S in this area. However, monitoring of H<sub>2</sub>S and well readiness will be utilized in the drilling of this well. This well will not require a NSL as operator will comply with NMOCD's horizontal rules. The first perf will be +/- 40' behind the float shoe (TD of well). Surface hole will be drilled with fresh water mud, intermediate-brine and production hole with cut-brine.

**McCloy Ranch 29-24-33 ST 3H**

Type	Hole Size (")	Casing Size (in)	Casing Weight (#'s)	Setting Depth (ft)	Estimated TOC (ft)	Bottom of Cemented Interval (ft)	Sacks of Cement (sx)
Surface	17.5	13.375	48	1,300	0	1,300	1,800
Intermediate	12.25	9.625	40	5,000	0	5,000	1,800
Production	8.75	5.5	17	15,726	4,500	11,322	1,400
		** Lateral will be an OH Packer Completion (no cement) from 15,726' (TD) to 11,322' (End of Curve). There will be a stage tool at the End of Curve to cement back up to 500' inside Intermediate csg thru.					

JAN 31 2013

RECEIVED

MCCLOY RANCH 29 24 33 ST NO. 3H WELL X= 729,376 NAD 27 Y= 435,635 LAT. 32.195503 LONG. 103.591829	NW ARCH. AREA CRN. X= 729,073 NAD 27 Y= 435,935 ELEVATION +3533' NAVD 88	NE ARCH. AREA CRN. X= 729,673 NAD 27 Y= 435,938 ELEVATION +3532' NAVD 88	SE ARCH. AREA CRN. X= 729,676 NAD 27 Y= 435,338 ELEVATION +3530' NAVD 88	SW ARCH. AREA CRN. X= 729,076 NAD 27 Y= 435,335 ELEVATION +3536' NAVD 88
X= 770,561 NAD83 Y= 435,693 LAT. 32.195628 LONG. 103.592306	NW PAD CRN. X= 729,210 NAD 27 Y= 435,759 ELEVATION +3532' NAVD 88	NE PAD CRN. X= 729,541 NAD 27 Y= 435,761 ELEVATION +3531' NAVD 88	SE PAD CRN. X= 729,542 NAD 27 Y= 435,461 ELEVATION +3529' NAVD 88	SW PAD CRN. X= 729,212 NAD 27 Y= 435,459 ELEVATION +3533' NAVD 88

R 33 E

PROPOSED  
ARCHAEOLOGICAL AREA  
±5.99 Acres

Sec. 20  
State of New Mexico

600'

PROPOSED PAD  
±2.27 Acres

330'

125'

165'

165'

300'

175'

Existing Pipelines

Existing Road

T  
24  
S

Proposed  
Access for  
McCloy Ranch  
29-24-33 St  
No. 1H Well

PROPOSED  
ACCESS ROAD  
14' X ±794'  
±0.26 Acres  
±48.12 Rods

McCloy Ranch  
29-24-33 St  
No. 3H Well  
FNL=100'  
FEL=2020'

Proposed Access for  
McCloy Ranch 29-24-33 St  
No. 4H 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.

LEGEND	
	Proposed Well
	Section Line
	Existing Pipeline
	Existing Road

Sec. 29

State of New Mexico

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.

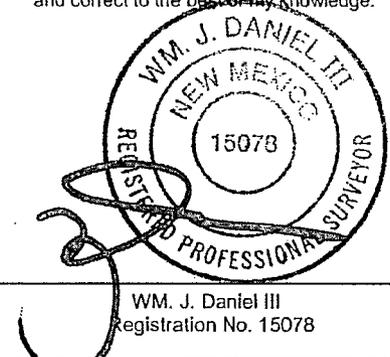


Scale: 1"=200'



SURFACE USE PLAT

CHEVRON U.S.A. INC.  
PROPOSED PAD & ACCESS ROAD  
MCCLOY RANCH 29 24 33 ST NO. 3H WELL  
SECTIONS 20 & 29, T24S-R33E  
LEA COUNTY, NEW MEXICO

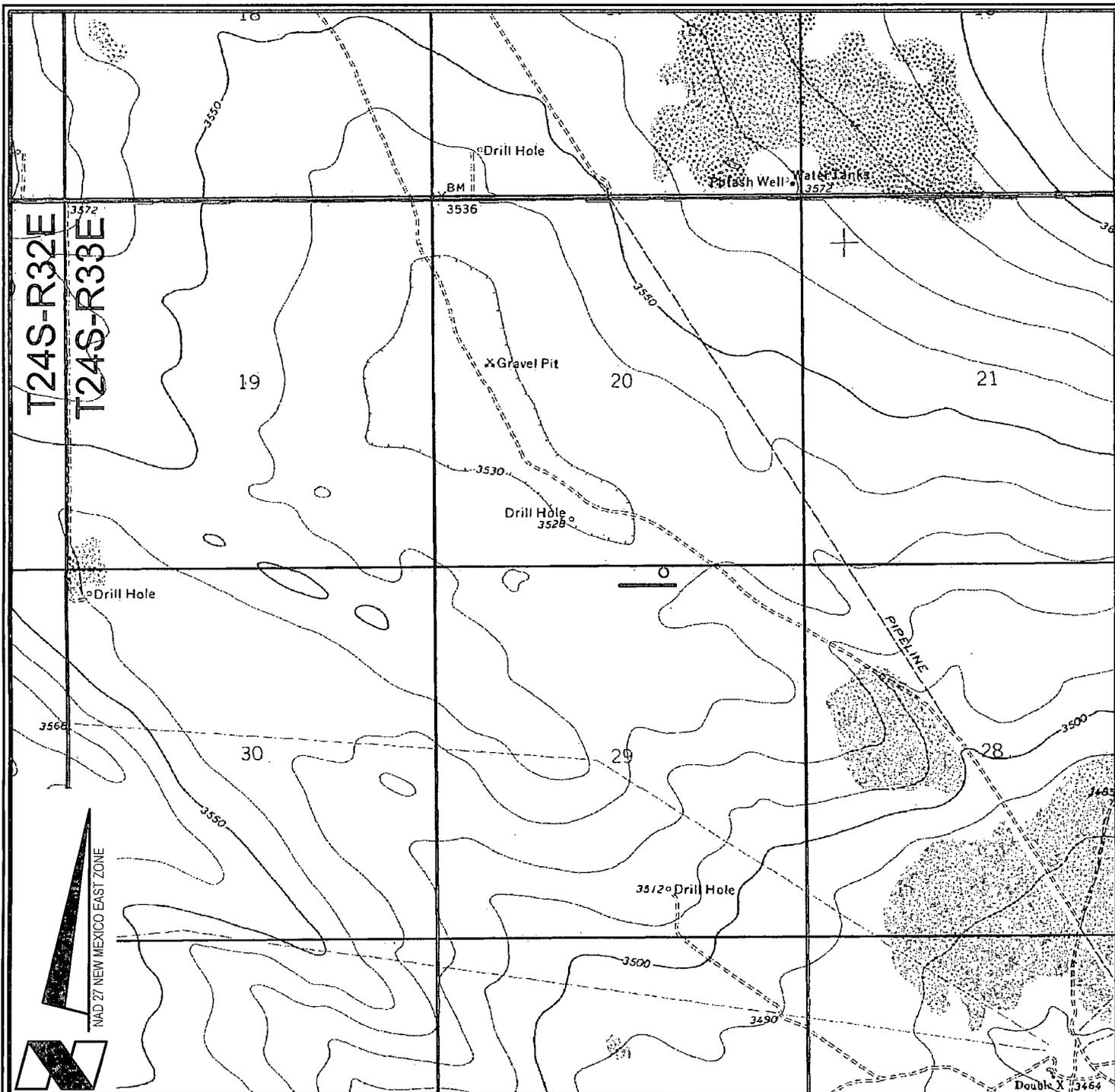


WM. J. Daniel III  
Registration No. 15078

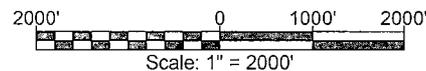


135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

DRAWN BY: BMO		REVISIONS	
PROJ. MGR.: DBM	No.	DATE:	REVISED BY:
DATE: 01/18/2013	No.	DATE:	REVISED BY:
FILENAME: T:\2012\2128716\DWG\CUI_McCloy Ranch 29 24 33 St 3H_SUP.dwg			



VICINITY MAP



**CHEVRON U.S.A. INC.**  
 MCCLOY RANCH 29 24 33 ST NO. 3H WELL  
 LOCATED 100' FNL AND 2020' FEL  
 SECTION 29, T24S-R33E  
 LEA COUNTY, NEW MEXICO



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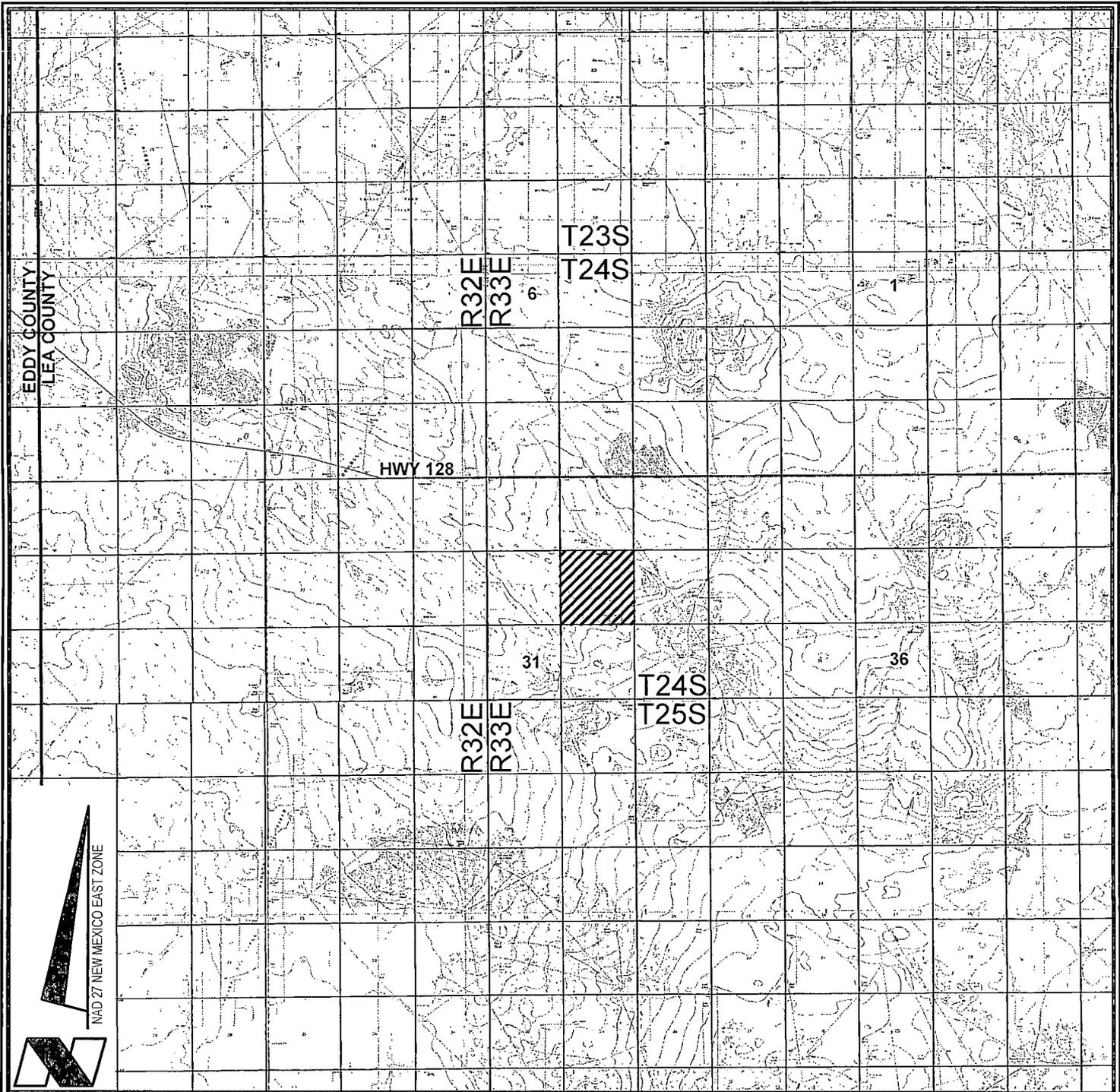
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DATE: 01/18/2013

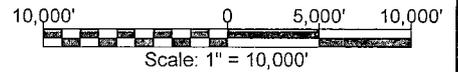
PROJ. MGR.: DBM

SHEET 1 OF 3 SHEETS

FILENAME: T:\2012\2128716\DWG\CUI\_McCloy Ranch 29 24 33 St 3H\_APD.dwg



VICINITY MAP



**CHEVRON U.S.A. INC.**

MCCLOY RANCH 29 24 33 ST NO. 3H WELL

LOCATED 100' FNL AND 2020' FEL

SECTION 29, T24S-R33E

LEA COUNTY, NEW MEXICO



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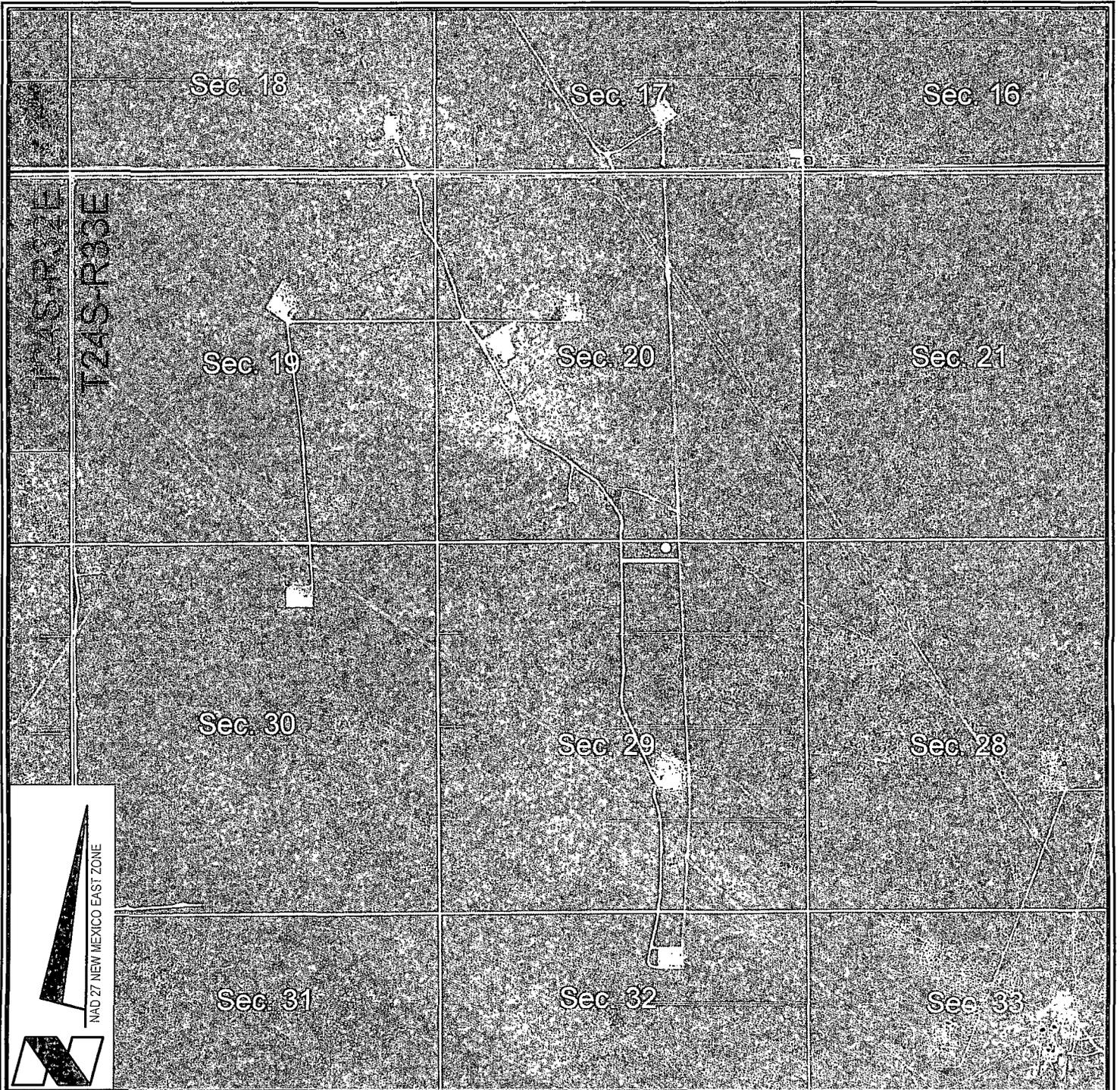
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DATE: 01/18/2013

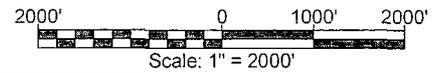
PROJ. MGR.: DBM

SHEET 2 OF 3 SHEETS

FILENAME: T:\2012\2128716\DWG\CUI\_McCloy Ranch 29 24 33 St 3H\_APD.dwg



VICINITY MAP



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

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 MCCLOY RANCH 29 24 33 ST NO. 3H WELL  
 LOCATED 100' FNL AND 2020' FEL  
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SHEET 3 OF 3 SHEETS

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