

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

HOBBS OCD
FEB 14 2013
RECEIVED

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
 Revised November 14, 2012

AMENDED REPORT

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 Report Code 39077		⁴ API Number 30-025-41001
⁵ Property Name MCCLOY RANCH 29 24 33 ST		⁶ Well No. 4H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	29	24 S	33 E		100'	N	400'	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
P	29	24 S	33 E		330'	S	400'	E	LEA

9. Pool Information

⁹ Pool Name TRISTE DRAW; BONE SPRING, EAST	¹⁰ Pool Code 96682
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Additional Well Information

¹¹ Work Type N	¹² Well Type O	¹³ Cable/Rotary R	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 353' GR
¹⁶ Multiple N	¹⁷ Proposed Depth 15,702'	¹⁸ Formation Bone Spring	¹⁹ Contractor TBD	²⁰ Spud Date
²¹ Depth to Ground water No Records		²² Distance from nearest fresh water well No Records		²³ Distance to nearest surface water 16 > MILES

21. Proposed Casing and Cement Program

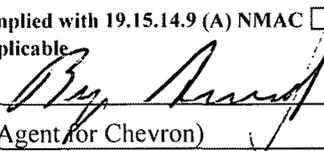
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17 1/2"	13 3/8"	48#	1300'	1800	0
Intermediate	12 1/4"	9 5/8"	40#	5000'	1800	0'
Production	8 3/4"	5 1/2"	17#	15,702'	1400	4500'

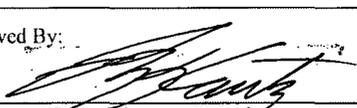
Casing/Cement Program: Additional Comments

SEE ATTACHMENTS FOR DETAILED INFORMATION.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	Shaffer

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: 
 Printed name: Bryan Arrant (Agent for Chevron)
 Title: Regulatory Specialist II
 E-mail Address: bryan.arrant@chk.com
 Date: 02/13/2013 Phone: (405)935-3782

OIL CONSERVATION DIVISION	
Approved By: 	
Title: Petroleum Engineer	
Approved Date: 2/15/13	Expiration Date:
Conditions of Approval Attached	

FEB 19 2013

McCloy Ranch 29-24-33 ST 4H

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	15,702	4,500	11,328	1,400
		** Lateral will be an OH Packer Completion (no cement) from 15,702' (TD) to 11,328' (End of Curve). There will be a stage tool at the End of Curve to cement back up to 500' inside Intermediate csg thru.					

MCCLOY RANCH 29 24 33 ST 4H

NMOCD's forms C-102, C-144(CLEZ) pit permit, casing program, directional planning report, depth to ground water reports, and other information is enclosed. 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. This well will not require a NSL as operator will comply with NMOCD's horizontal rules. Surface hole will be drilled with fresh water mud, intermediate-brine and production hole with cut-brine.

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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 30-025-41001		² Pool Code (96682)		³ Pool Name TRISTE DRAW; BONE SPRING, EAST	
⁴ Property Code 391677		⁵ Property Name MCCLOY RANCH 29 24 33 ST			⁶ Well Number 4H
⁷ OGRID No. 4323		⁸ Operator Name CHEVRON U.S.A. INC.			⁹ Elevation 3531'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	29	24 SOUTH	33 EAST, N.M.P.M.		100'	NORTH	400'	EAST	LEA

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
P	29	24 SOUTH	33 EAST, N.M.P.M.		330'	SOUTH	400'	EAST	LEA

¹⁰ Dedicated Acres 160	¹¹ Joint or Infill	¹² Consolidation Code	¹³ 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.

MCCLOY RANCH 29 24 33 ST 4H	
X=	730,996 NAD 27
Y=	435,643
LAT.	32.195494
LONG.	103.586592
ELEVATION +3531' NAVD 83	

PROPOSED BOTTOMHOLE LOCATION	
X=	731,031 NAD 27
Y=	430,790
LAT.	32.182153
LONG.	103.586588
X=	772,216 NAD 83
Y=	430,848
LAT.	32.182278
LONG.	103.587064

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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill it, well at this location pursuant to a contract with a mineral owner of such an interest or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Bryan Arrant 2/18/2013
Signature Date

Bryan Arrant (Agent for Chevron)
Printed Name
bryan.arrant@chevron.com
E-mail Address

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.

FEB 18 2013
Date of Survey
Wm. J. Daniel III
Signature and Seal of Professional Surveyor
45078
REGISTERED PROFESSIONAL SURVEYOR

Certificate Number
15078



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

Basin/County Search:

Basin: Carlsbad

County: Eddy

PLSS Search:

Section(s): 19, 20, 21, 28,
29, 30, 31, 23,
33

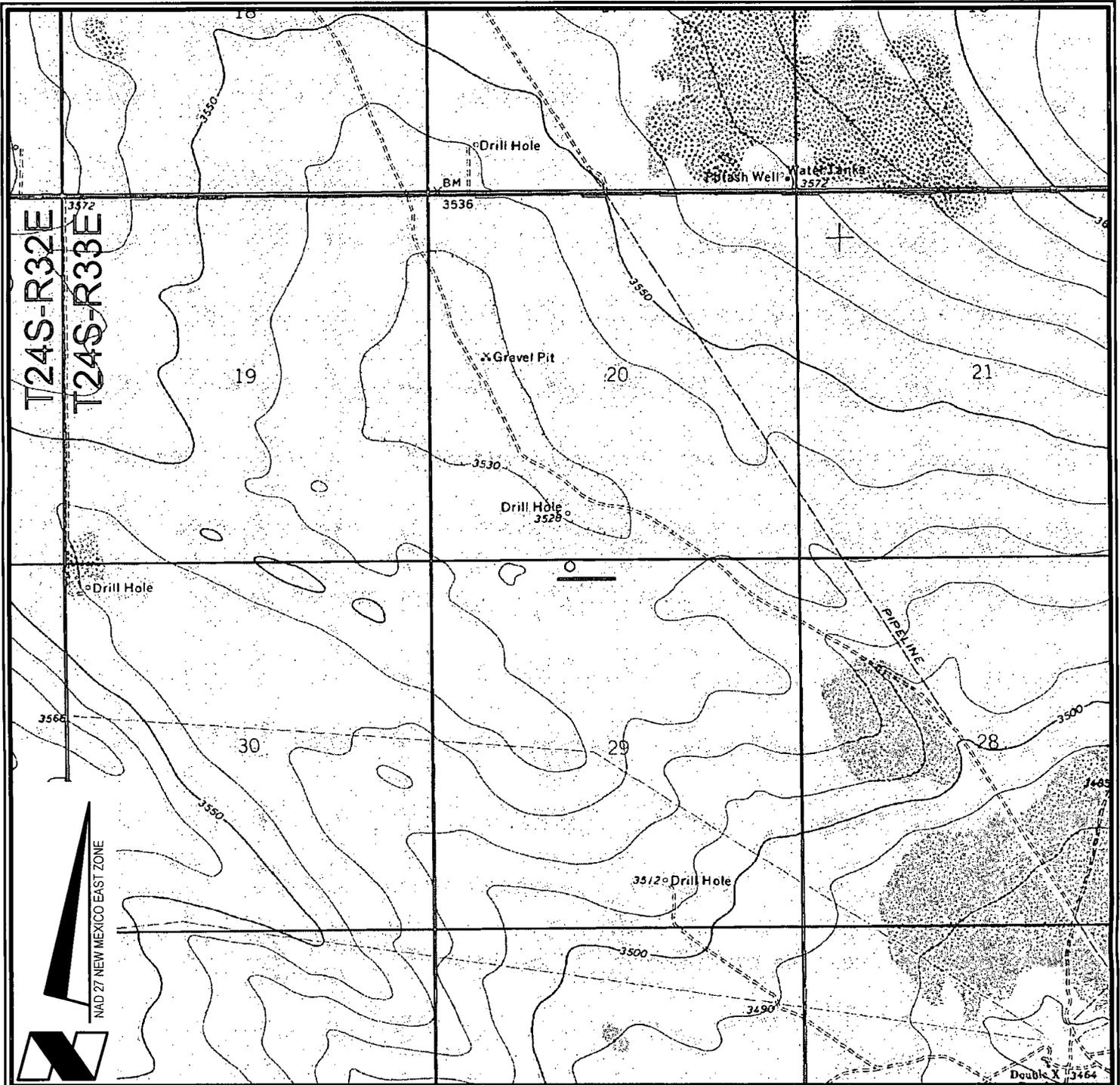
Township: 24S

Range: 33E

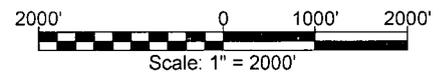
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

2/13/13 6:18 AM

WATER COLUMN/ AVERAGE
DEPTH TO WATER



VICINITY MAP



CHEVRON U.S.A. INC.
 MCCLOY RANCH 29 24 33 ST NO. 1H WELL
 LOCATED 100' FNL AND 1980' FWL
 SECTION 29, T24S-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

DRAWN BY: BMO

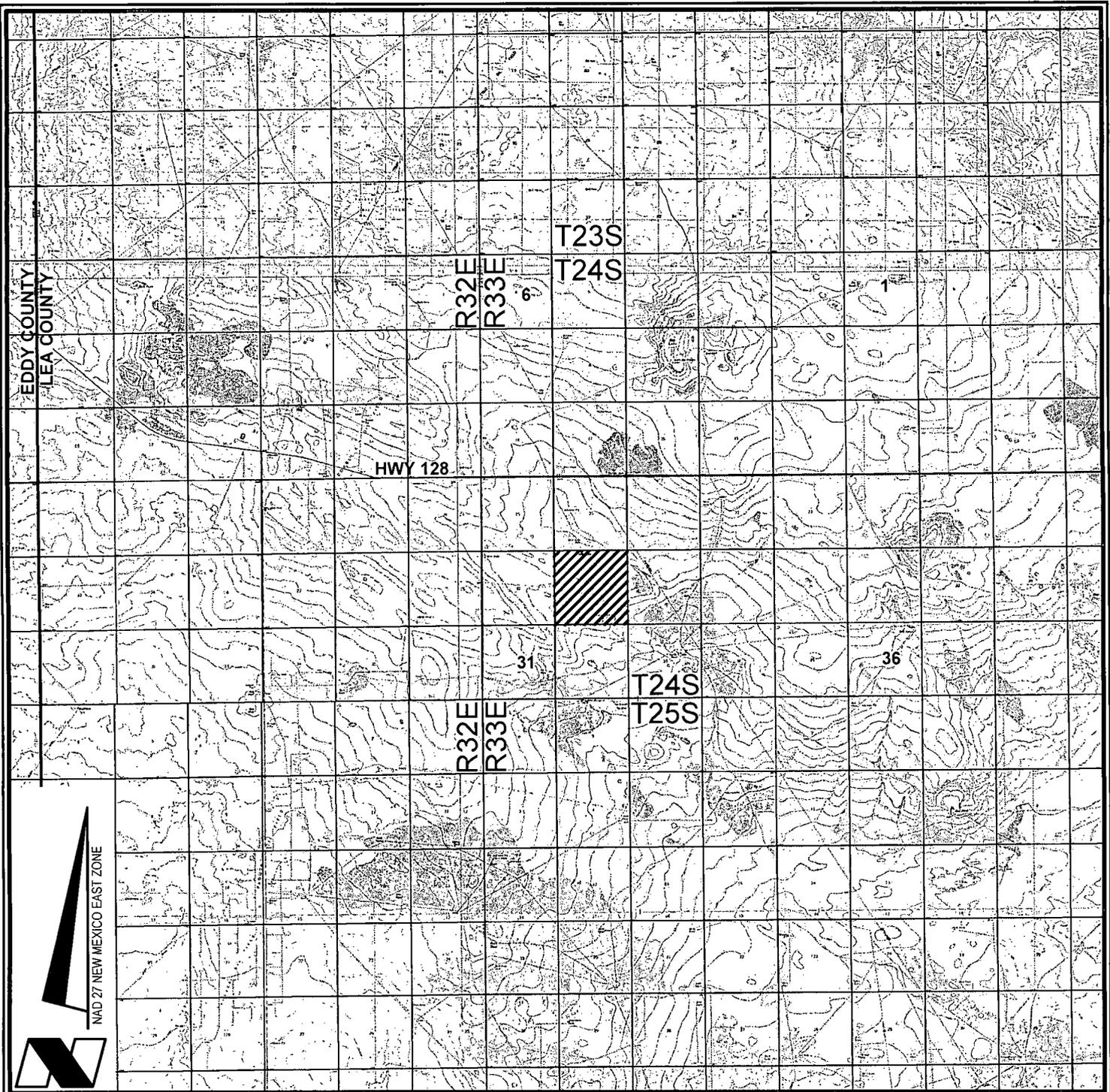
REVISED:

DATE: 01/16/2013

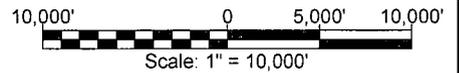
PROJ. MGR.: DBM

SHEET 1 OF 3 SHEETS

FILENAME: T:\2012\2128714\DWG\CUJ_McCloy Ranch 29 24 33 St 1H_APD.dwg



VICINITY MAP



CHEVRON U.S.A. INC.
 MCCLOY RANCH 29 24 33 ST NO. 1H WELL
 LOCATED 100' FNL AND 1980' FWL
 SECTION 29, T24S-R33E
 LEA COUNTY, NEW MEXICO



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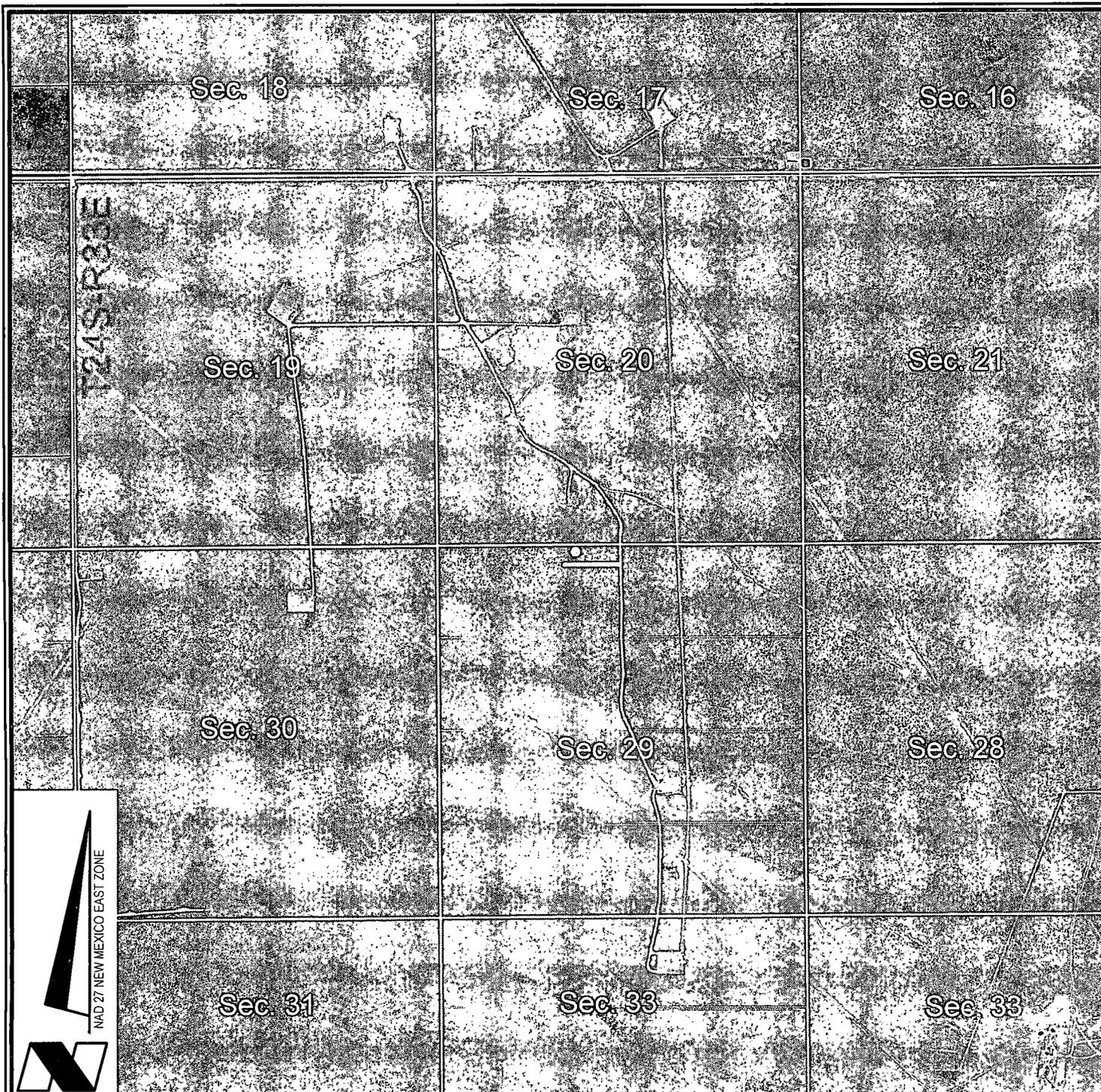
REVISED:

DATE: 01/16/2013

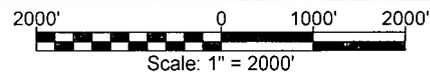
PROJ. MGR.: DBM

SHEET 2 OF 3 SHEETS

FILENAME: T:\2012\2128714\DWG\CUI_McCloy Ranch 29 24 33 St 1H_APD.dwg



VICINITY MAP



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

CHEVRON U.S.A. INC.
 MCCLOY RANCH 29 24 33 ST NO. 1H WELL
 LOCATED 100' FNL AND 1980' FWL
 SECTION 29, T24S-R33E
 LEA COUNTY, NEW MEXICO



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REVISED:

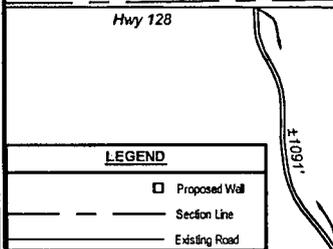
DATE: 01/16/2013

PROJ. MGR.: DBM

SHEET 3 OF 3 SHEETS

FILENAME: T:\2012\128714\DWG\CUI_McCloy Ranch 29 24 33 St 1H_APD.dwg

Sec. 18 State of New Mexico R 33 E Sec. 17 State of New Mexico



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.

Not to be used for construction, bidding, recordation, conveyance, sales, or as the basis for the issuance of a permit.

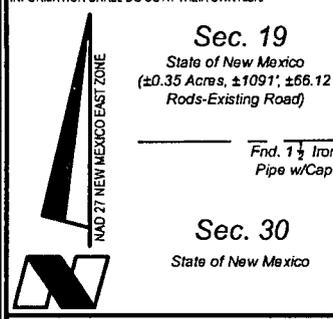
PRELIMINARY

WM. J. Daniel III
Registration No. 15078

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.

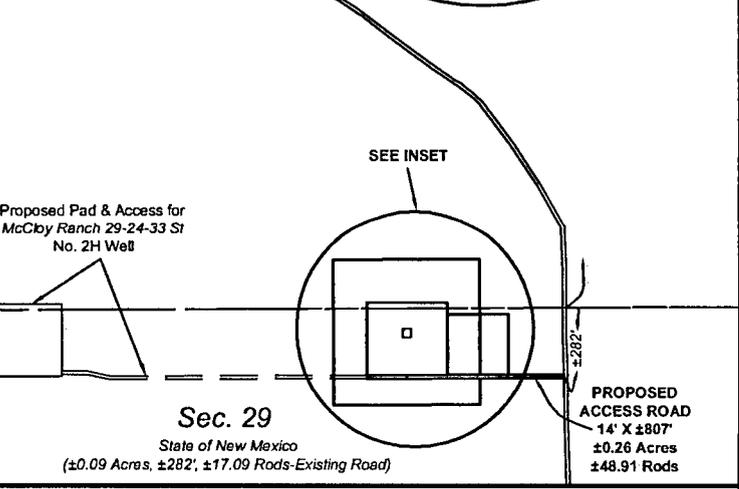
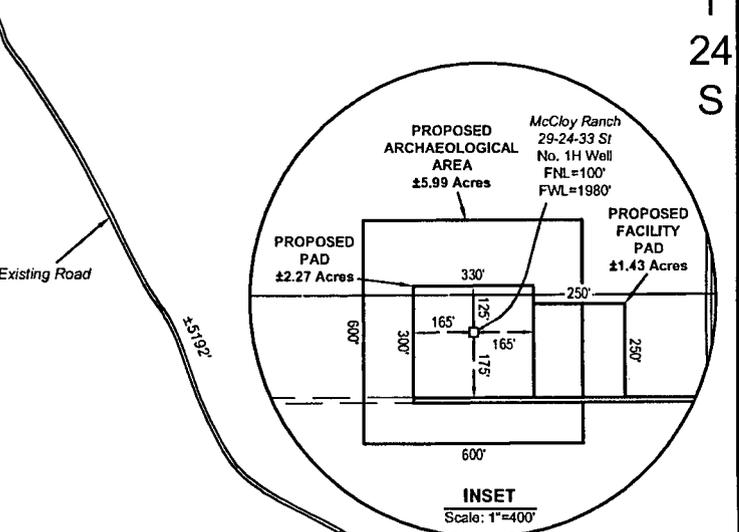
MANY STATES MAINTAIN INFORMATION CENTERS THAT ESTABLISH LINKS BETWEEN THOSE WHO DIG (EXCAVATORS) AND THOSE WHO OWN AND OPERATE UNDERGROUND FACILITIES (OPERATORS). IT IS ADVISABLE AND IN MOST STATES, LAW, FOR THE CONTRACTOR TO CONTACT THE CENTER FOR ASSISTANCE IN LOCATING AND MARKING UNDERGROUND UTILITIES. NEW MEXICO ONE CALL, <http://www.smonecall.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= 727,789 NAD 27 Y= 435,929	X= 728,389 NAD 27 Y= 435,932	X= 728,392 NAD 27 Y= 435,332	X= 727,792 NAD 27 Y= 435,329
ELEVATION +3533' NAVD 88	ELEVATION +3533' NAVD 88	ELEVATION +3537' NAVD 88	ELEVATION +3536' NAVD 88
NW PAD CRN.	NE PAD CRN.	SE PAD CRN. & SW FAC. PAD CRN.	SW PAD CRN.
X= 727,926 NAD 27 Y= 435,753	X= 728,256 NAD 27 Y= 435,755	X= 728,257 NAD 27 Y= 435,455	X= 727,927 NAD 27 Y= 435,453
ELEVATION +3535' NAVD 88	ELEVATION +3533' NAVD 88	ELEVATION +3537' NAVD 88	ELEVATION +3538' NAVD 88
NW FAC. PAD CRN.	NE FAC. PAD CRN.	SE FAC. PAD CRN.	MCCLOY RANCH 29 24 33 ST NO. 1H WELL
X= 728,256 NAD 27 Y= 435,704	X= 728,506 NAD 27 Y= 435,706	X= 728,507 NAD 27 Y= 435,456	X= 728,092 NAD 27 Y= 435,629
ELEVATION +3534' NAVD 88	ELEVATION +3532' NAVD 88	ELEVATION +3535' NAVD 88	LAT. 32.195511 LONG. 103.595982
			X= 769,276 NAD83 Y= 435,687 LAT. 32.195635 LONG. 103.596459 ELEVATION +3536' NAVD 88

Sec. 20 State of New Mexico (±1.67 Acres, ±5192', ±314.67 Rods-Existing Road)



SURFACE USE PLAT Scale: 1"=600'

CHEVRON U.S.A. INC.
PROPOSED PAD & ACCESS ROAD
MCCLOY RANCH 29 24 33 ST NO. 1H WELL
SECTIONS 20 & 29, T24S-R33E
LEA COUNTY, NEW MEXICO

<p>135 Regency Sq. Lafayette, LA 70508 Ph. 337-237-2200 Fax. 337-232-3299 www.fenstermaker.com</p>	DRAWN BY: BMO				REVISIONS			
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	DATE: 01/16/2013	No.	DATE:		REVISED BY:			
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