

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOC District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: Chevron USA			Telephone: 505-394-1237			e-mail address: lcwl@chevron.com		
Address: PO Box 1949 2401 Avenue O Bernalillo, New Mexico 88231								
Facility or well name: VM Henderson 23			API #: 30 025 37834		Unit Letter (UL): C		Qtr: NE 1/4 NW 1/4	
County: Lea			Latitude: N 32°27'22.10"		Longitude: W 103°12'06.80"		NAD: 1927 ☐ 1983 ☐ WGS 84 ☒	
Surface Owner: Federal ☐ State ☐ Private ☒ (Tom Kennam) Indian ☐			Camp 6.13.06					
Pit			Below-grade tank					
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐			Volume: bbl Type of fluid: <i>water</i>					
Lined ☒ Unlined ☐			Construction material: <i>UTR</i>					
Liner type: Synthetic ☒ Thickness 20 mil Clay ☐			Double-walled, with leak detection? Yes ☐ If not, explain why not.					
Pit Volume: ~3,000 bbl								
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) ~105' bgs			Less than 50 feet		(20 points)		☐	
			50 feet or more, but less than 100 feet		(10 points)		☐	
			100 feet or more		(0 points)		☒	
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)			Yes		(20 points)		☐	
			No		(0 points)		☒	
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)			Less than 200 feet		(20 points)		☐	
			200 feet or more, but less than 1,000 feet		(10 points)		☐	
			1,000 feet or more		(0 points)		☒	
Ranking Score (Total Points)			0					

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite ☒ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: It is proposed to close this pit consistent with the "Chevron-Texaco Drilling and Reserve Pit Closure General Plan, December 2004" and the NMOC District Pit and Below-Grade Tank Guidelines, November 1, 2004 as promulgated under NMOC Rule 50 (19.15.2.50 NMAC).

Pit Status: Liner intact ☒ Liner punctured or torn ☐

Method of Closure: In-Situ burial: (i.e. Pit fluids will be removed and the solid contents stiffened with interior berm material. The intact liner will be folded over the stiffened contents and then overlain with a 20 mil polyethylene liner. The pit will be brought to grade with clean soil, contoured and seeded.)

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank will be closed according to NMOC District guidelines ☒, a general permit ☐, or an (attached) alternative OGD-approved plan ☐.

Date: 7.20.06 Printed Name/Title: Larry Williams, HES Champion

Signature: *Larry Williams*

Your certification and NMOC District approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title: L. Johnson, Environmental

Signature: *L. Johnson*

Date: 10.20.06



ENVIRONMENTAL PLUS, INC.
CONSULTING AND REMEDIAL CONSTRUCTION

5 July 2006

Mr. Larry Johnson, Environmental Engineer
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division Environmental Bureau
1625 North French
Hobbs, New Mexico 88240

Re: Initial C-144
Chevron USA VM Henderson 23 (Ref. #200093)
UL-C, Section 30, Township 21 South, Range 37 East
Latitude: N 32°27'22.10" and Longitude: W 103°12'06.80"



Dear Mr. Johnson:

Environmental Plus, Inc., on behalf of Chevron USA (Chevron) submits the enclosed New Mexico Oil Conservation Division (NMOCD) form C-144 and supporting information. Chevron is proposing to close the drill pit at the above-referenced well site in accordance with the NMOCD Pit and Below-Grade Tank Guidelines, November 1, 2004 and the "ChevronTexaco Drilling and Reserve Pit Closure General Plan, December 2004." Please direct all official communications to:

Chevron USA
Larry Williams, HES Champion
PO Box 1949
Eunice, New Mexico 88231
Telephone: 505-394-1237
Email: lcwl@chevron.com

Should you have any questions or concerns, please call Iain Olness or myself at (505) 394-3481. Mr. Larry Williams can be contacted at (505) 394-1237 or via e-mail at lcwl@chevron.com.

Sincerely,

ENVIRONMENTAL PLUS, INC.

Pat McCasland
Senior Consultant

ENVIRONMENTAL PLUS, INC.

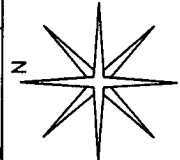
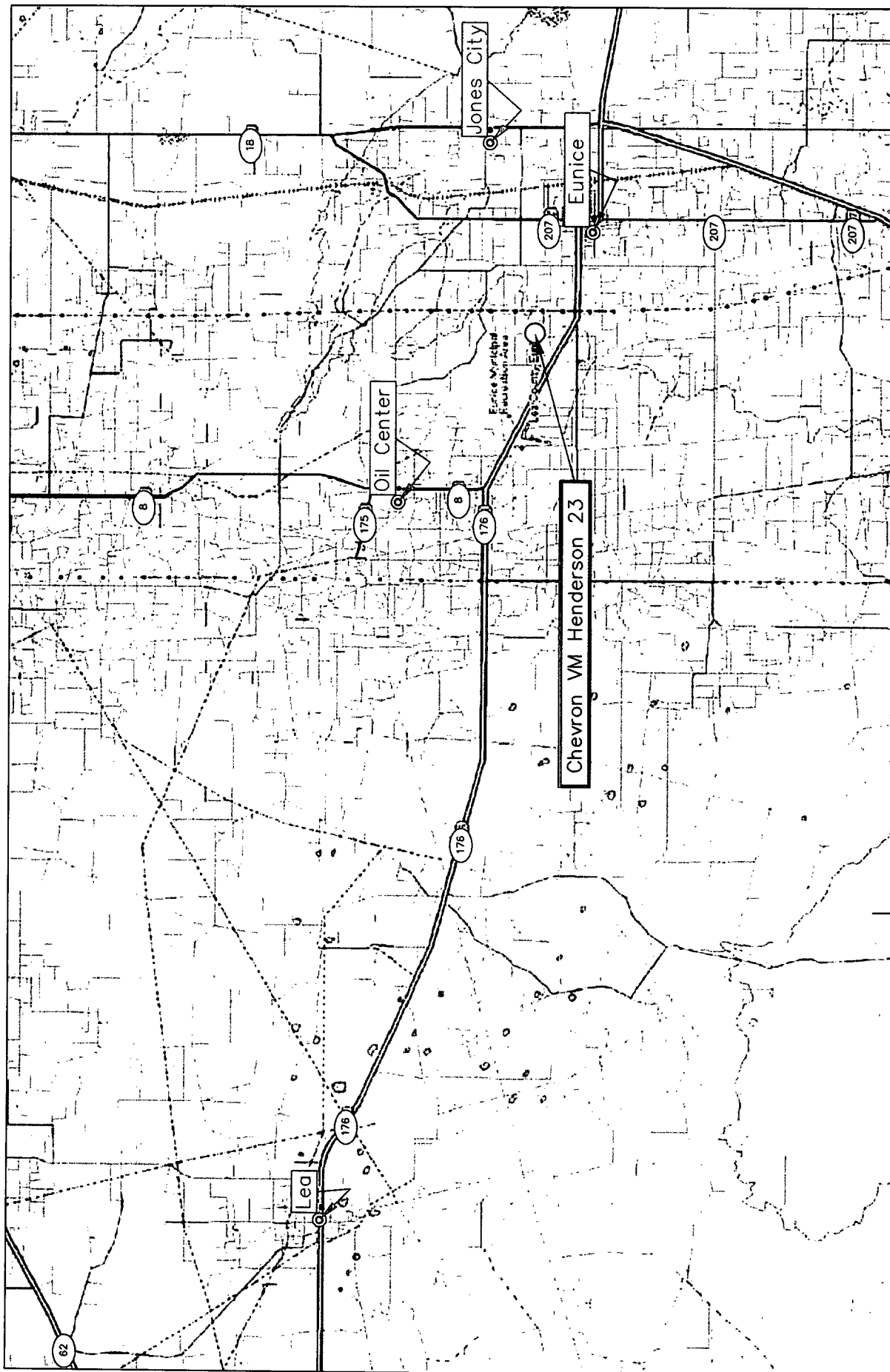


ENVIRONMENTAL PLUS, INC.
CONSULTING AND REMEDIAL CONSTRUCTION

cc: Larry Williams, Chevron USA
Nathan Mouser, Chevron USA
Tom Kennann, Landowner
File

Enclosures: Topographical Map
Site Location Map
Site Map
Groundwater Map
Well Data Table
Photographs
NMOCD Form C-144

ENVIRONMENTAL PLUS, INC.



DWG By: Daniel Dominguez
June 2006

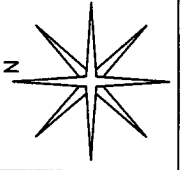
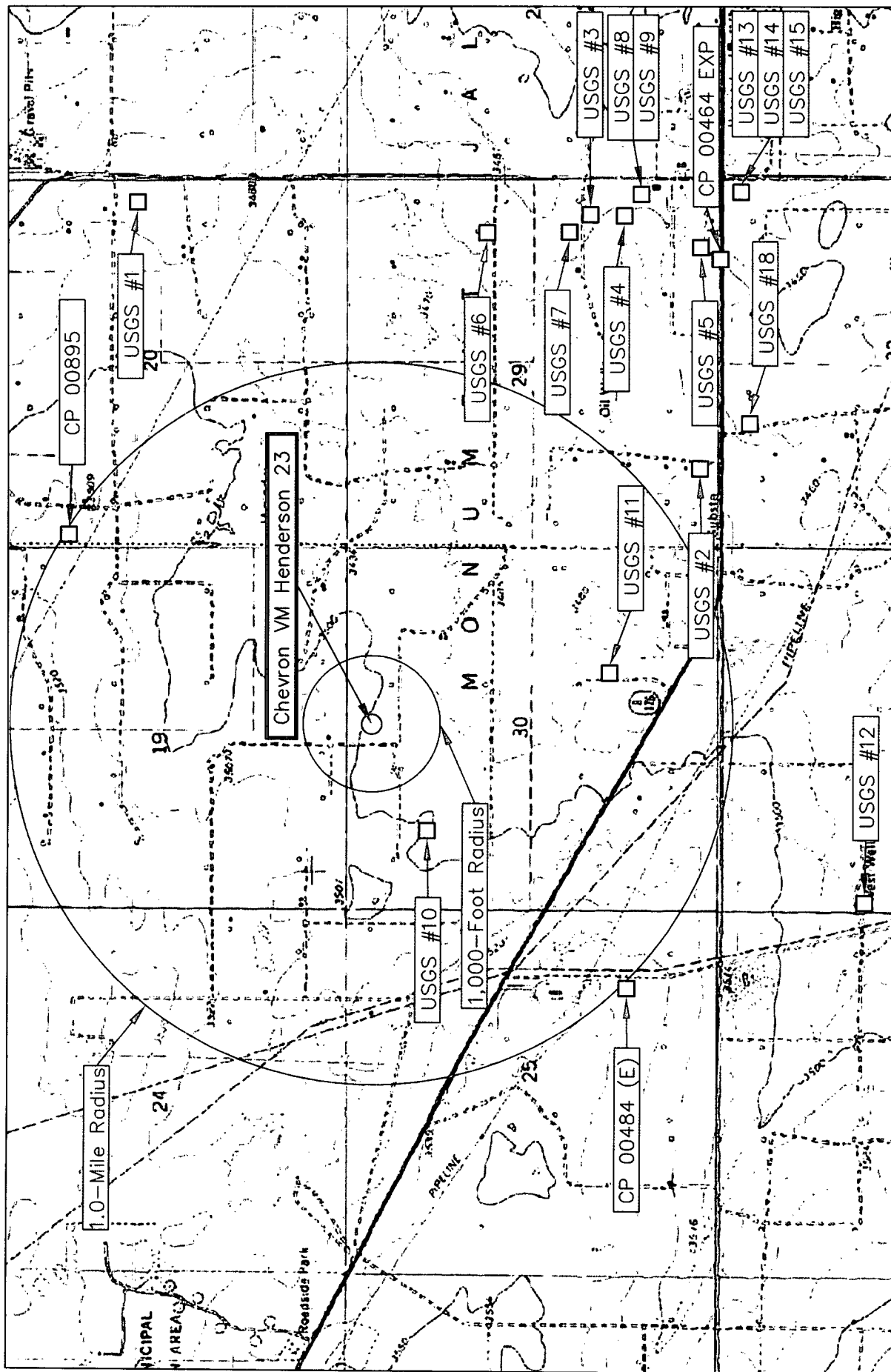
REVISED:



SHEET
1 of 1

Lea County, New Mexico
NE 1/4 of the NW 1/4, Sec. 30, T21S, R37E
N 32° 27' 22.10" W 103° 12' 06.80"
Elevation: 3,499 feet amsl

Figure 1
Area Map
Chevron Corporation
VM Henderson 23



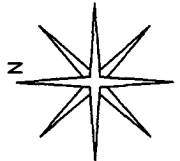
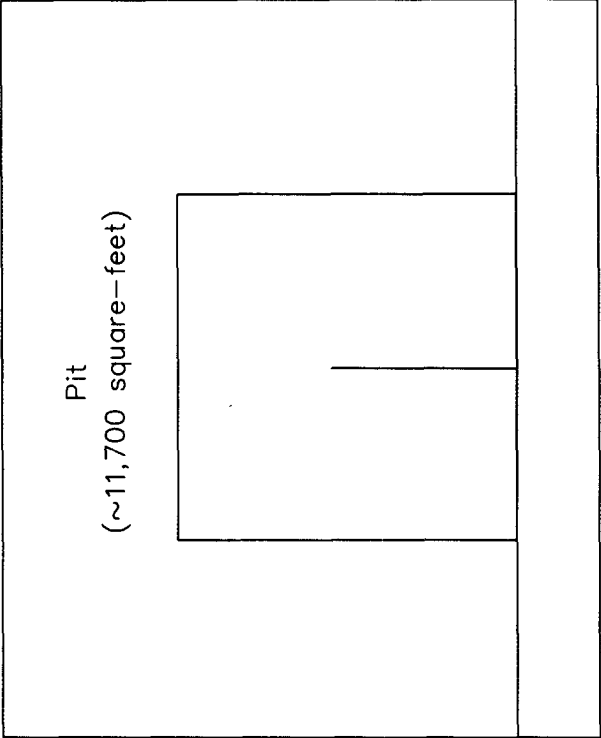
DWG By: Daniel Dominguez
June 2006

REVIS: 1 of 1

0 2000 4000 Feet

Lea County, New Mexico
NE 1/4 of the NW 1/4, Sec. 30, T21S, R37E
N 32° 27' 22.10" W 103° 12' 06.80"
Elevation: 3,499 feet amsl

Figure 2
Site Location Map
Chevron Corporation
VM Henderson 23



REVISID:
SHEET
1 of 1

DWG By: Daniel Dominguez
June 2006

0 30 60
Feet

Lea County, New Mexico
NE 1/4 of the NW 1/4, Sec. 30, T21S, R37E
N 32° 27' 22.10" W 103° 12' 06.80"
Elevation: 3,499 feet amsl

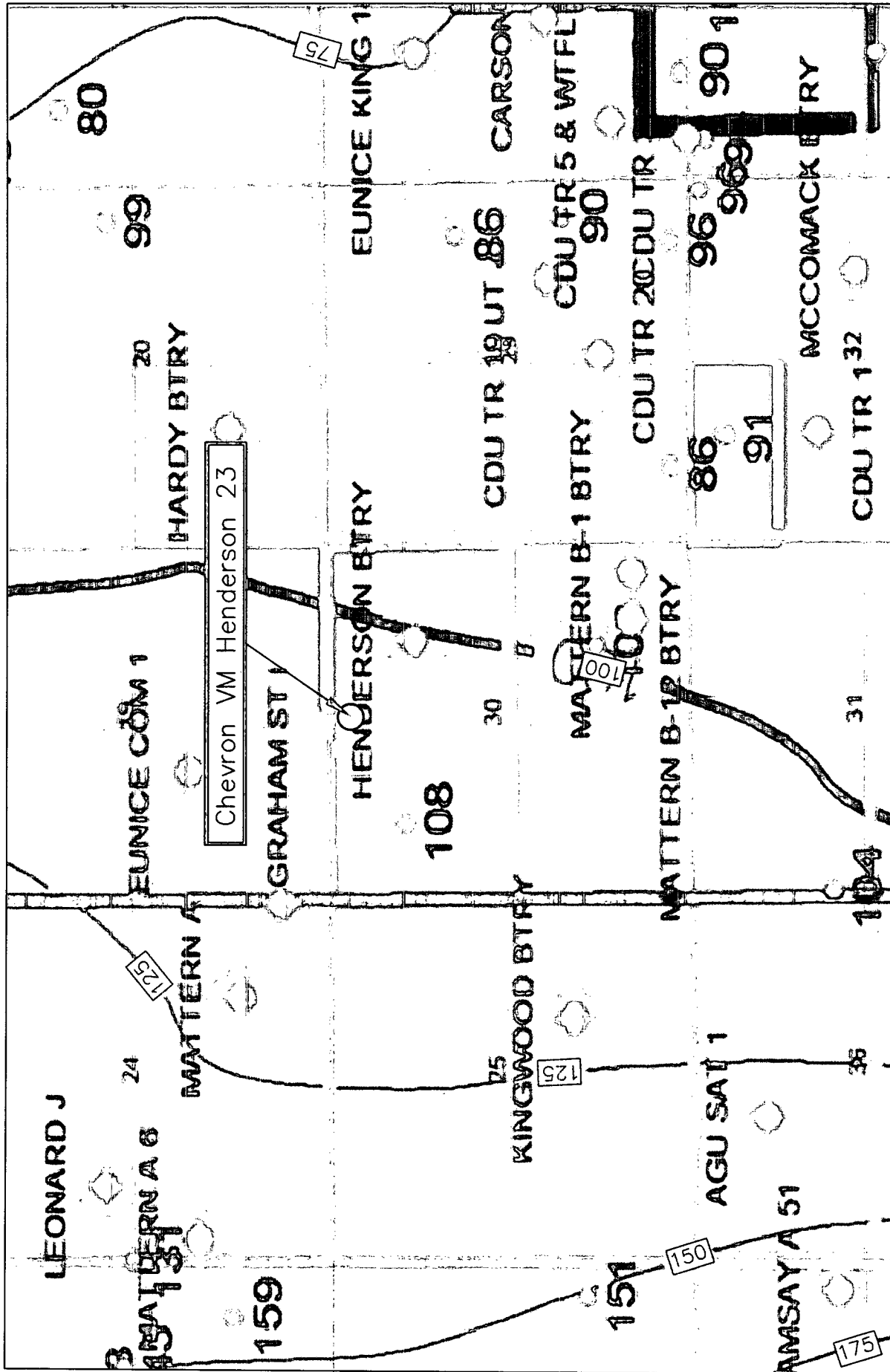


Figure 4 Groundwater Map Chevron Corporation VM Henderson 23	Lea County, New Mexico NE 1/4 of the NW 1/4, Sec. 30, T21S, R37E N 32° 27' 22.10" W 103° 12' 06.80" Elevation: 3,499 feet amsl	DWG By: Daniel Dominguez June 2006	REVISED: 0 2000 4000 Feet SHEET 1 of 1
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TABLE 1

WELL INFORMATION REPORT*

Chevron VM Henderson 23 - Ref #200093

Well Number	Diversion ^A	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation ^B	Depth to Water (ft bgs)
CP 00464 EXP	0	EUGENE WINKER	DOM	21S	37E	29 4 4 4	N32° 26' 32.94"	W103° 10' 49.08"		3,466	
CP 00895	3	JOE R. SIMS	DOM	21S	37E	20 1 1	N32° 28' 4.45"	W103° 11' 35.34"	17-Mar-00	3,517	
CP 00484 (E)	3	NORTHERN NATURAL GAS CO.	SAN	21S	36E	25 4 2	N32° 26' 46.43"	W103° 10' 41.80"	20-Jul-70	3,540	148
USGS #1				21S	37E	20 2 4 4			06-Mar-96		98.69
USGS #2				21S	37E	29 3 3 4			10/29/1965		85.86
USGS #3				21S	37E	29 4 2 4			11/30/1965		99.82
USGS #4				21S	37E	29 4 4 2			21-Jan-76		98.76
USGS #5				21S	37E	29 4 4 3			21-Jan-76		96.19
USGS #6				21S	37E	29 2 4 1			06-Mar-96		85.83
USGS #7				21S	37E	29 4 2 4			17-Apr-91		89.98
USGS #8				21S	37E	29 4 4 2			29-Oct-65		106.93
USGS #9				21S	37E	29 4 4 2			21-Jan-76		93.93
USGS #10				21S	37E	30 1 1 4			17-Apr-91		107.82
USGS #11				21S	37E	30 4 1 4			08-Feb-96		99.85
USGS #12				21S	37E	31 1 3 3			16-Apr-91		104.44
USGS #13				21S	37E	32 2 2 2			07-Mar-86		95.62
USGS #14				21S	37E	32 2 2 2			22-Jan-76		98.08
USGS #15				21S	37E	32 2 2 2			07-Mar-86		94.99
USGS #18				21S	37E	32 1 2 1			15-Jan-54		90.67
USGS #16				21S	37E	32 4 2 2			22-Jan-76		99.15
USGS #17				21S	37E	32 4 2 4			22-Jan-76		91.89
USGS #19				21S	37E	32 4 2 2			22-Jan-76		99.29

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet) and USGS Database.^A = in acre feet per annum^B = Interpolated from USGS Topographical Map

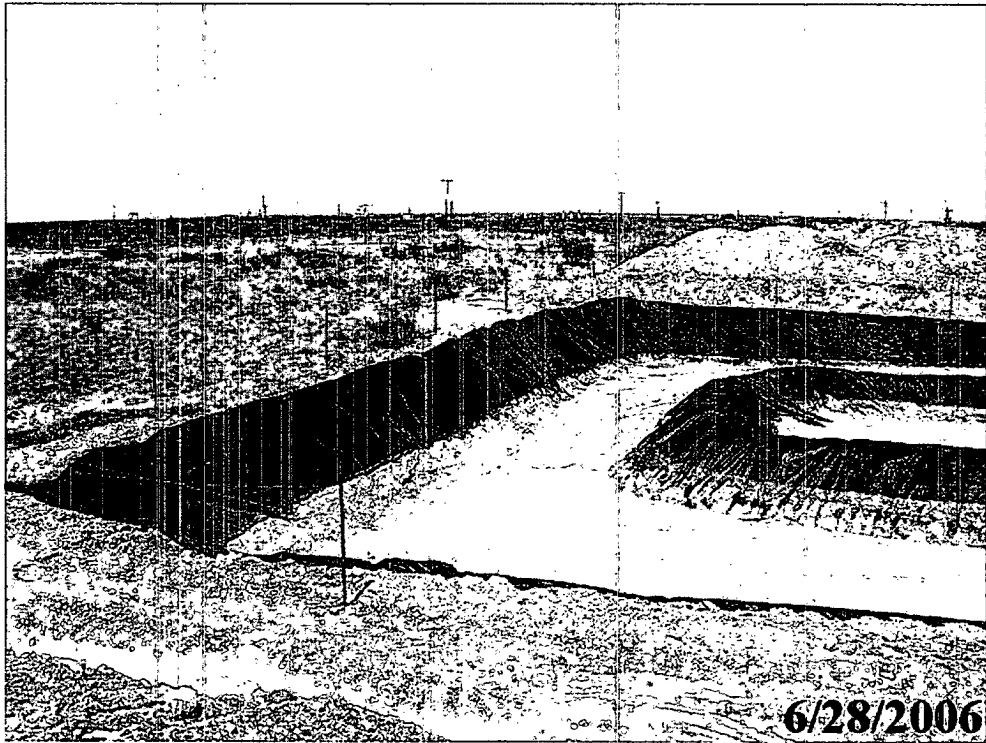
SAN = Sanitary in conjunction with commercial use

DOM = Domestic one household

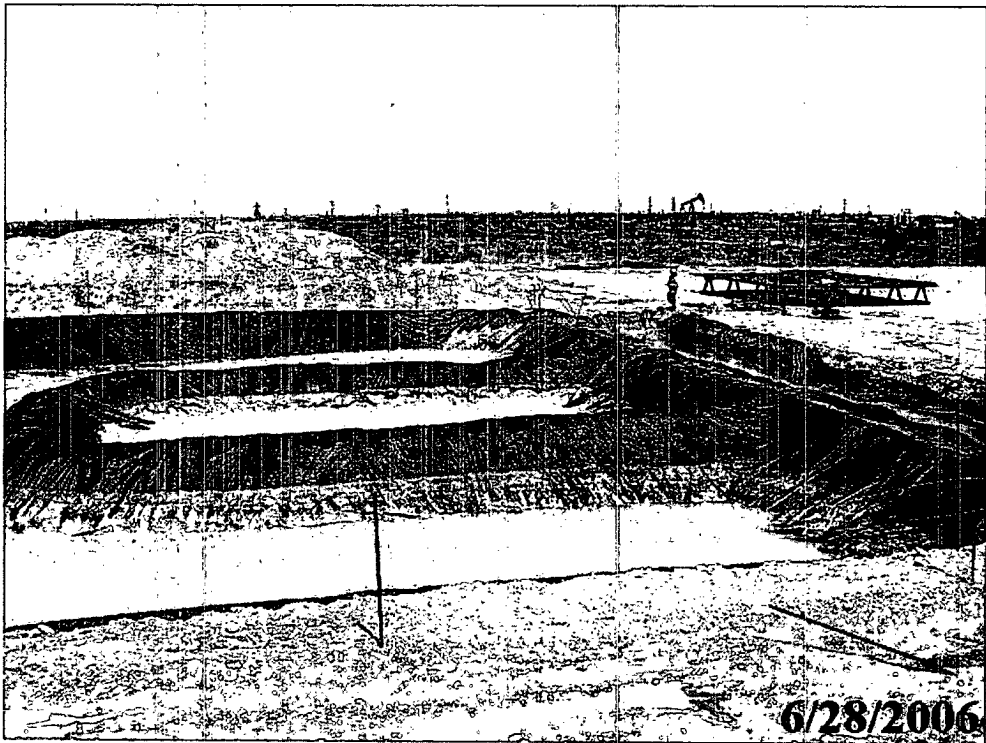
(quarters are 1=NW, 2=NE, 3=SW, 4=SE)

(quarters are biggest to smallest - X Y are in Feet - UTM are in Meters)

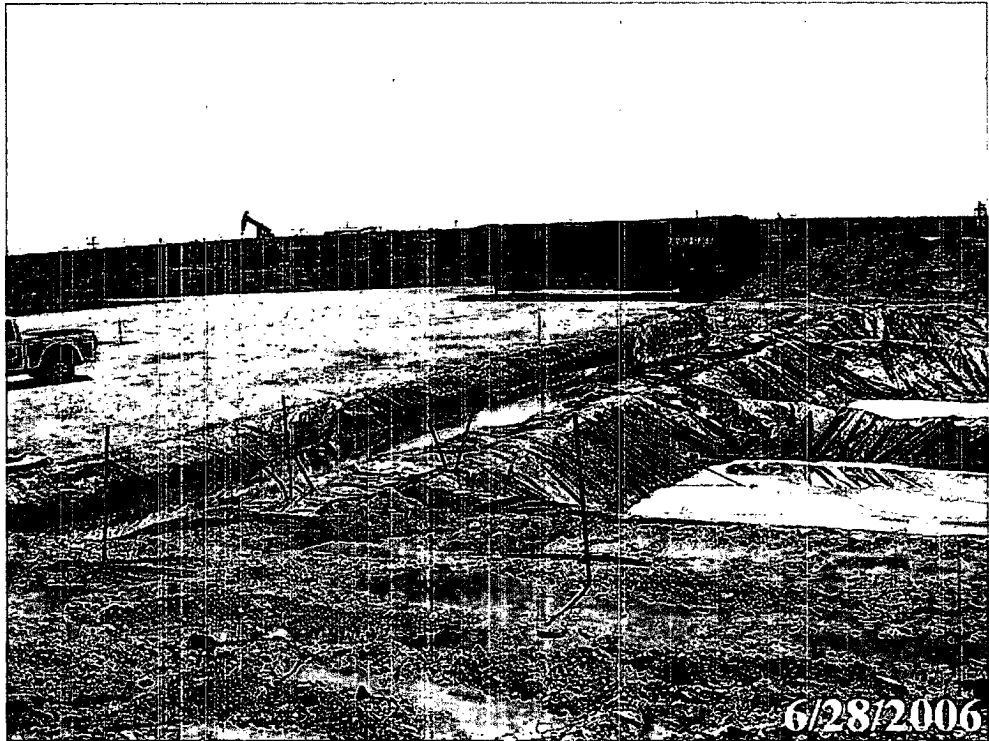
Shaded area indicates wells not shown on Figure 2



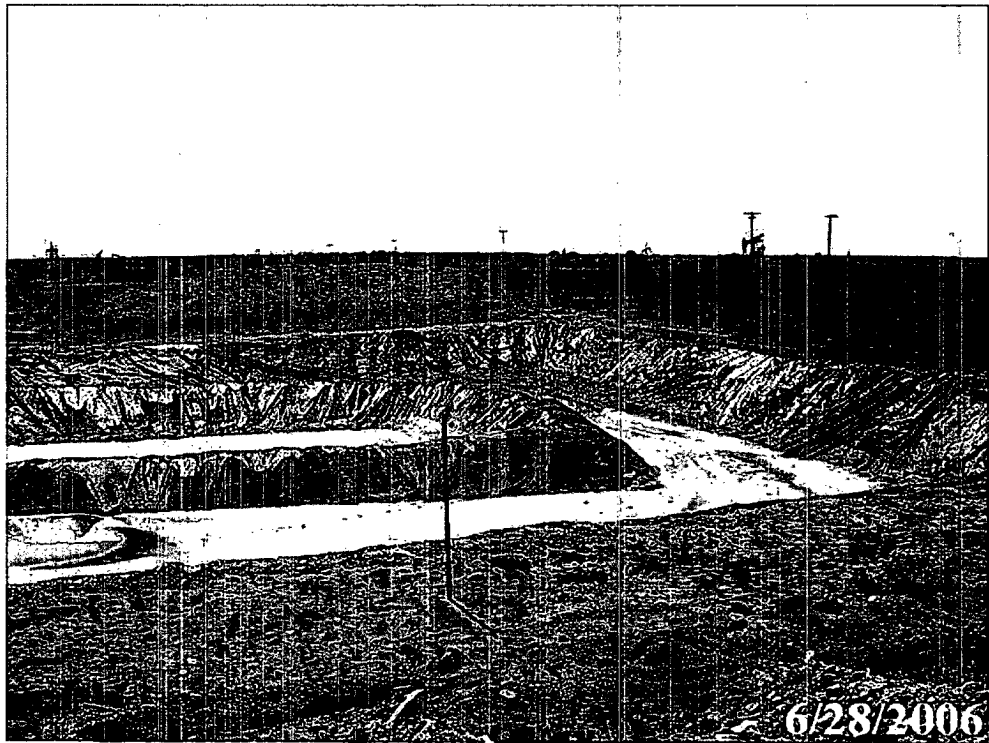
Photograph #1- Pit and berm, looking easterly.



Photograph #2 - Pit and berm, looking easterly.



Photograph #3 - Pit and berm, looking westerly.



Photograph #4 - Pit and berm, looking westerly.