

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 NMOCD 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 (O-Grid #4323)			Telephone: 505-394-1237			e-mail address: lcwl@chevron.com				
Address: PO Box 1949 2401 Avenue O Eunice, New Mexico 88231										
Facility or well name: CDU #106			API #: 30-025-06899		Unit Letter (UL): B		Qtr/Qtr: NW¼ NE¼		Section: 29T15S, R37E 17 15	
County: Lea			Latitude: N 32° 27' 19.0"		Longitude: W 103° 10' 59.2"		NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/> WGS 84 <input checked="" type="checkbox"/>			
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> (Tom Kennann) Indian <input type="checkbox"/>										
<b>Pit</b>					<b>Below-grade tank</b>					
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/>					Volume: bbl Type of fluid:					
Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/>					Construction material:					
Liner type: Synthetic <input checked="" type="checkbox"/> Thickness 20 mil Clay <input type="checkbox"/>					Double-walled, with leak detection? Yes <input type="checkbox"/> 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.) ~85' bgs					Less than 50 feet		(20 points)		<input type="checkbox"/>	
					50 feet or more, but less than 100 feet		(10 points)		<input checked="" type="checkbox"/>	
					100 feet or more		(0 points)		<input type="checkbox"/>	
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)		<input type="checkbox"/>	
					No		(0 points)		<input checked="" type="checkbox"/>	
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)					Less than 200 feet		(20 points)		<input type="checkbox"/>	
					200 feet or more, but less than 1,000 feet		(10 points)		<input type="checkbox"/>	
					1,000 feet or more		(0 points)		<input checked="" type="checkbox"/>	
<b>Ranking Score (Total Points)</b>					<b>10</b>					

**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 you 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: The pit has been closed consistent with the "ChevronTexaco Drilling and Reserve Pit Closure General Plan, December 2004" and the NMOCD Pit and Below-Grade Tank Guidelines, November 1, 2004 as promulgated under NMOCD Rule 50 (19.15.2.50 NMAC).

Pit Status: Liner intact ☒ Liner punctured or torn ☐

Method of Closure: The pit has been closed via encapsulation, which consisted of mixing earthen materials with the pit contents, as necessary to stiffen the pit contents sufficiently to provide physical stability and support a pit cover. Upon the pit contents being stiffened as required, the edges of the liner were folded over the edges of the stiffened mud and cuttings and the pit covered with a 20-mil thick impervious, reinforced synthetic polyethylene liner meeting ASTM standards designed to be resistant to the material encapsulated. The liner was then covered with a minimum of three feet of clean soil or like material capable of supporting native plant growth.

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 NMOCD guidelines ☒, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Date: 8.28.06 Printed Name/Title: Larry Williams, HES Champion Signature: [Signature]

Your certification and NMOCD 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:

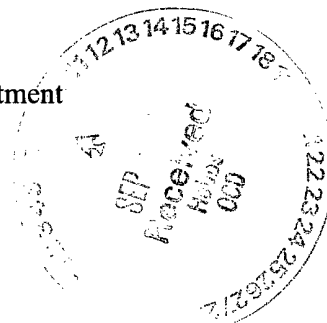
Printed Name/Title: Williamson Enviro Engr Signature: [Signature] Date: 9.12.06



**ENVIRONMENTAL PLUS, INC.**  
CONSULTING AND REMEDIAL CONSTRUCTION

15 August 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: Final C-144  
Chevron USA (O-Grid #4323)  
CDU #106 (Ref. #200097)  
UL-B, Section 29, Township 21 South, Range 37 East

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 has closed 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  
P.O. Box 1949  
Eunice, New Mexico 88231  
Telephone: 505-394-1237  
Email: [lcwl@chevron.com](mailto:lcwl@chevron.com)

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

Sincerely,

ENVIRONMENTAL PLUS, INC.

Pat McCasland  
Senior Consultant

ENVIRONMENTAL PLUS, INC.



**ENVIRONMENTAL PLUS, INC.**  
CONSULTING AND REMEDIAL CONSTRUCTION

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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.

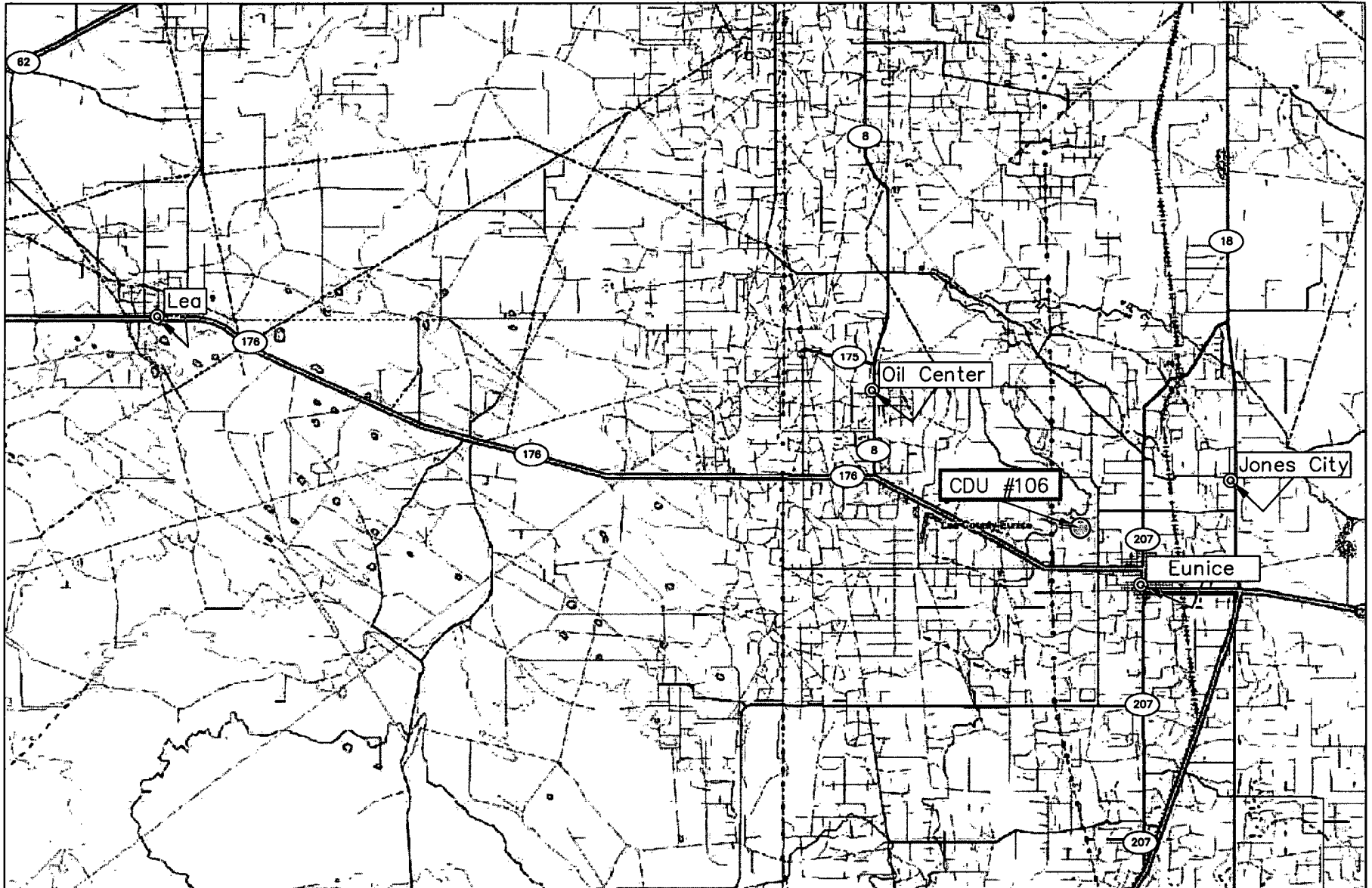
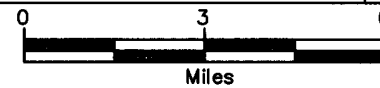


Figure 1  
Area Map  
Chevron Corporation  
CDU #106

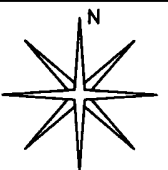
Lea County, New Mexico  
NW 1/4 of the NE 1/4, Sec. 29, T21S, R37E  
N 32° 27' 19.0" W 103° 10' 59.5"  
Elevation: 3,470 feet amsl

DWG By: Daniel Dominguez  
August 2006

REVISED:



SHEET  
1 of 1



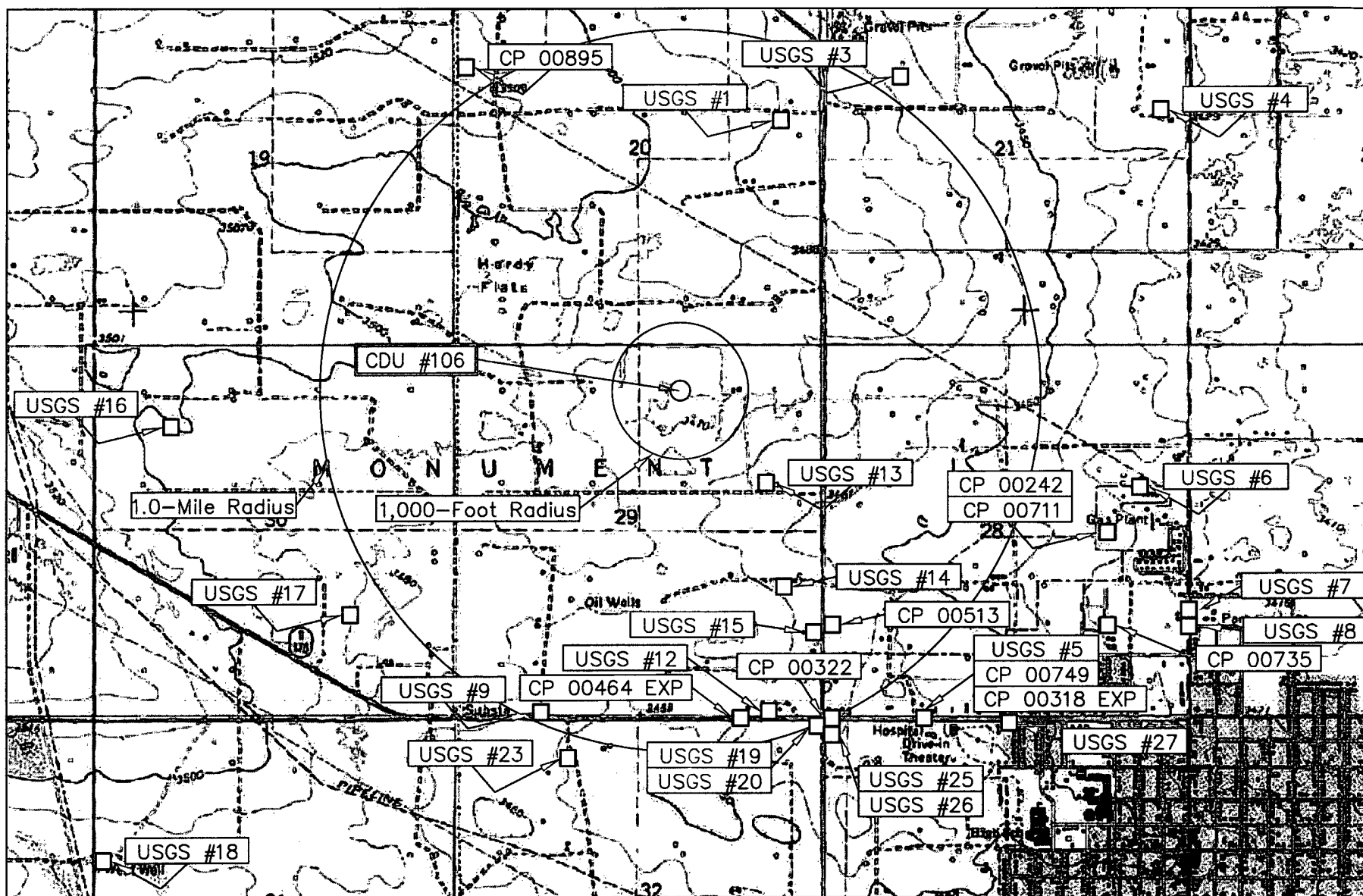
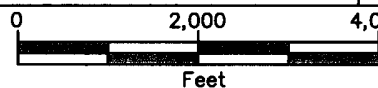


Figure 2  
Site Location Map  
Chevron Corporation  
CDU #106

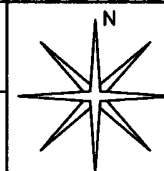
Lea County, New Mexico  
NW 1/4 of the NE 1/4, Sec. 29, T21S, R37E  
N 32° 27' 19.0" W 103° 10' 59.5"  
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1 of 1



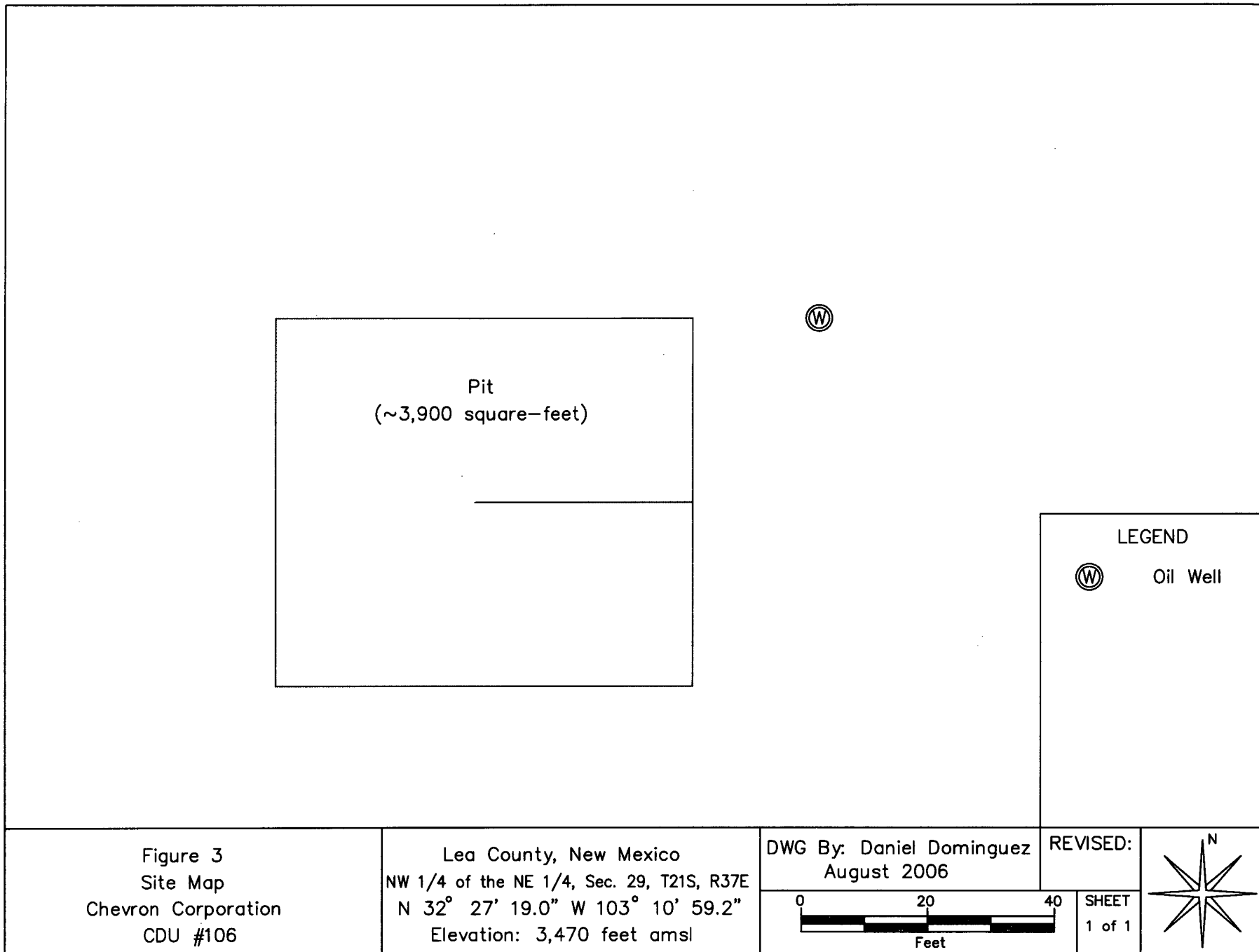
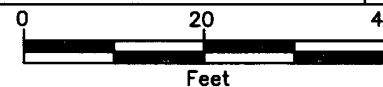


Figure 3  
Site Map  
Chevron Corporation  
CDU #106

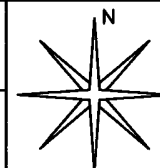
Lea County, New Mexico  
NW 1/4 of the NE 1/4, Sec. 29, T21S, R37E  
N 32° 27' 19.0" W 103° 10' 59.2"  
Elevation: 3,470 feet amsl

DWG By: Daniel Dominguez  
August 2006

REVISED:



SHEET  
1 of 1





**TABLE 1**  
**WELL INFORMATION REPORT\***  
**Chevron USA CDU #106 - Ref #200097**

Well Number	Diversion <sup>A</sup>	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation <sup>B</sup>	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 00242	96	VERSADO GAS PROCESSORS LLC	IND	21S	37E	28 2 4 3	N32° 26' 59.02"	W103° 09' 47.52"	31-Dec-64	3,439	
CP 00318 EXP	0	MCCASLAND HOT OIL SERVICE INC	SAN	21S	37E	28 3 4	N32° 26' 32.92"	W103° 10' 18.29"		3,465	
CP 00322	3	MILLARD DECK	DOM	21S	37E	28 3	N32° 26' 32.92"	W103° 10' 33.69"	10-Jun-66	3,475	73
CP 00513	0	CORPORATION GULF OIL	SRO	21S	37E	28 3 1 3	N32° 26' 45.98"	W103° 10' 33.70"		3,471	
CP 00711	3	FLOYD G. BLOCK	DOM	21S	37E	28 2 4	N32° 26' 59.02"	W103° 09' 47.52"	02-Oct-87	3,439	65
CP 00735	3	CHARLES W. JENNINGS	DOM	21S	37E	28 4 2	N32° 26' 45.97"	W103° 09' 47.51"	27-Jul-88	3,435	
CP 00749	3	D.M. CRISWELL	DOM	21S	37E	28 3 4 2	N32° 26' 32.92"	W103° 10' 33.69"	22-Jun-90	3,475	75
USGS #1				21S	37E	20 2 4 4			06-Mar-96		98.69
USGS #3				21S	37E	21 1 3 2			10-Dec-70		80.12
USGS #4				21S	37E	21 2 4 2			25-Apr-91		56.11
USGS #5				21S	37E	28 3 4 3			21-Jan-76		89.75
USGS #6				21S	37E	28 2 4 3			05-Mar-86		54.99
USGS #7				21S	37E	28 4 2 4			21-Jan-76		45.14
USGS #8				21S	37E	28 4 4 2			21-Jan-76		45.13
USGS #9				21S	37E	29 3 3 4			29-Oct-65		85.86
USGS #10				21S	37E	29 4 2 4			30-Nov-65		99.82
USGS #11				21S	37E	29 4 4 2			21-Jan-76		98.76
USGS #12				21S	37E	29 4 4 3			21-Jan-76		96.19
USGS #13				21S	37E	29 2 4 1			06-Mar-96		85.83
USGS #14				21S	37E	29 4 2 4			17-Apr-91		89.98



**TABLE 1**  
**WELL INFORMATION REPORT\***  
**Chevron USA CDU #106 - Ref #200097**

Well Number	Diversion <sup>A</sup>	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation <sup>B</sup>	Depth to Water (ft bgs)
USGS #15				21S	37E	29 4 4 2			29-Oct-65		106.93
USGS #16				21S	37E	30 1 1 4			17-Apr-91		107.82
USGS #17				21S	37E	30 4 1 4			08-Feb-96		99.85
USGS #18				21S	37E	31 1 3 3			16-Apr-91		104.44
USGS #19				21S	37E	32 2 2 2			22-Jan-76		98.08
USGS #20				21S	37E	32 2 2 2			07-Mar-86		94.99
USGS #23				21S	37E	32 1 2 1			15-Jan-54		90.67
USGS #25				21S	37E	33 1 1 1			22-Jan-76		97.8
USGS #26				21S	37E	33 1 1 1			22-Jan-76		93.95
USGS #27				21S	37E	33 2 1 1			06-Jun-55		101.92
CP 00726	3	CLAYTON L. WOOLLEN	DOM	21S	37E	33 4 2	N32°25'53"76"	W103°09'47"50"	23-Feb-88	3,445	100
USGS #2				21S	37E	21 1 1 1			10-Jan-54		73.07
USGS #21				21S	37E	32 4 2 2			22-Jan-76		99.15
USGS #22				21S	37E	32 4 2 4			22-Jan-76		91.89
USGS #24				21S	37E	32 4 2 2			22-Jan-76		99.29
USGS #28				21S	37E	33 3 2 1			17-Dec-70		92.12

\* = Data obtained from the New Mexico Office of the State Engineer Website ([http://iwaters.ose.state.nm.us:7001/iWATERS/wr\\_RegisServlet](http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet)) and USGS Database.

<sup>A</sup> = in acre feet per annum

<sup>B</sup> = Interpolated from USGS Topographical Map

SAN = 72-12-1 Sanitary in conjunction with commercial use

DOM = Domestic one household

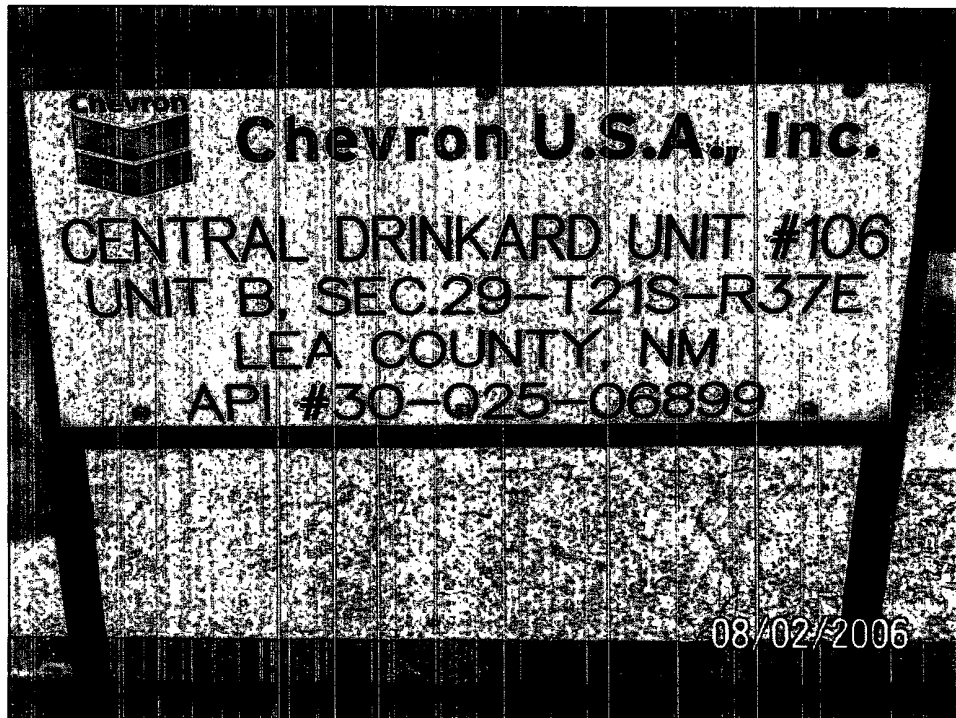
SRO = Secondary recovery of oil

IND = Industrial

(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 - Lease sign.



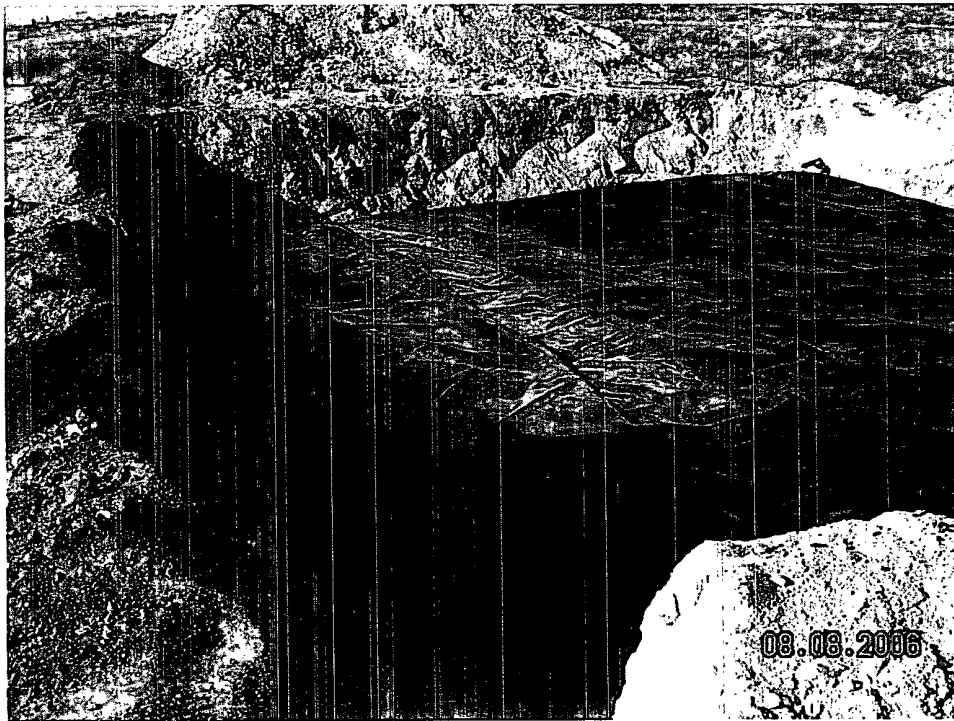
Photograph #2 - Pit with berms, looking southwesterly.



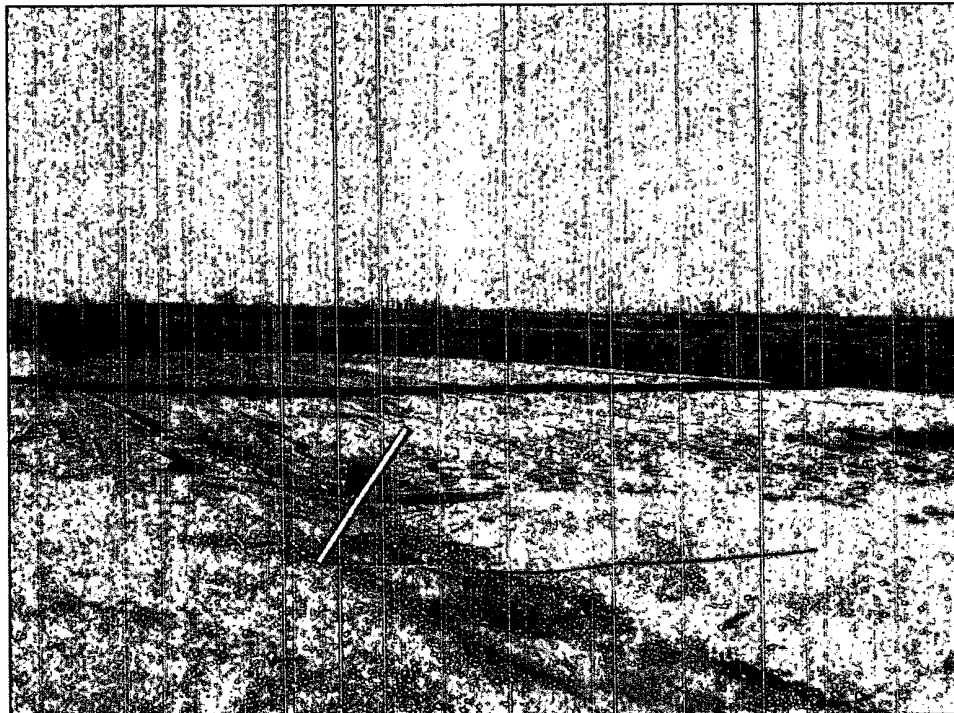
Photograph #3 – Pit with berms, looking southwesterly.



Photograph #4 – Pit with berms, looking westerly.



Photograph #5 – Liner covering stiffened pit contents.



Photograph #6 – Closed pit.