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: billyanderson@chevron.com

Address: PO Box 1949 2401 Avenue O Eunice, New Mexico 88231

Facility or well name: CDU #112 API #: 30025068[illegible] Unit Letter (UL): H Qtr/Qtr: SE¼ NE¼ Section: 28, T21S, R37E

County: Lea Latitude: N 32° 27' 7.60" Longitude: W 103° 09' 45.8" NAD: 1927 ☐ 1983 ☐ WGS 84 ☒

Surface Owner: Federal ☐ State ☐ Private ☒(Tom Kennann) Indian ☐

Pit	**Below-grade tank**	
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐	Volume: bbl Type of fluid:	
Lined ☒ Unlined ☐	Construction material:	
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.) ~55' bgs	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) ☐ (10 points) ☒ (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 No	(20 points) ☒ (0 points) ☐
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1,000 feet 1,000 feet or more	(20 points) ☐ (10 points) ☐ (0 points) ☒
	Ranking Score (Total Points)	**10+20+0=30**

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 Sundance. (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: Disposal (the pit contents were stiffened and hauled to disposal facility, excavation was tested and found to be less than NMOCD standards

(i.e. TPH <1,000 mg/kg, Chloride <250 mg/kg; reference *Table 2* and Laboratory Analytical data), the pit was then backfilled with local soil.)

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: 12-5-06 Printed Name/Title Bill Anderson, HES Champion Signature Bill Anderson

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.

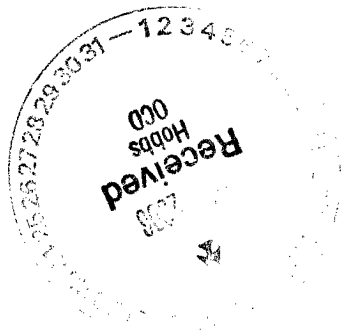
Approval:

Printed Name/Title L JOHNSON · ENVIRO ENGR Signature L Johnson Date: 12.18.06

ENVIRONMENTAL PLUS, INC.
CONSULTING AND REMEDIAL CONSTRUCTION

5 December 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 #112 (Ref. #200103)
UL-H, Section 28, 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
Bill Anderson, HES Champion
P.O. Box 1949
Eunice, New Mexico 88231
Telephone: 505-394-1237
Email: billyanderson@chevron.com

Should you have any questions or concerns, please call me at (505) 394-3481. Mr. Bill Anderson can be contacted at (505) 394-1237 or via e-mail at billyanderson@chevron.com.

Sincerely,

ENVIRONMENTAL PLUS, INC.

Pat McCasland
Senior Consultant

P.O. BOX 1558 ••• 2100 AVENUE O ••• EUNICE, NEW MEXICO 88231
TELEPHONE 505•394•3481 FAX 505•394•2601

ENVIRONMENTAL PLUS, INC.

cc: Bill Anderson, Chevron USA
Nathan Mouser, Chevron USA
Tom Kennann, Landowner
File

Enclosures: Topographical Map
Site Location Map
Site Map
Sample Location Map
Groundwater Map
Well Data - Table 1
Analytical Results – Table 2
Photographs
NMOCD Form C-144

ENVIRONMENTAL PLUS, INC.

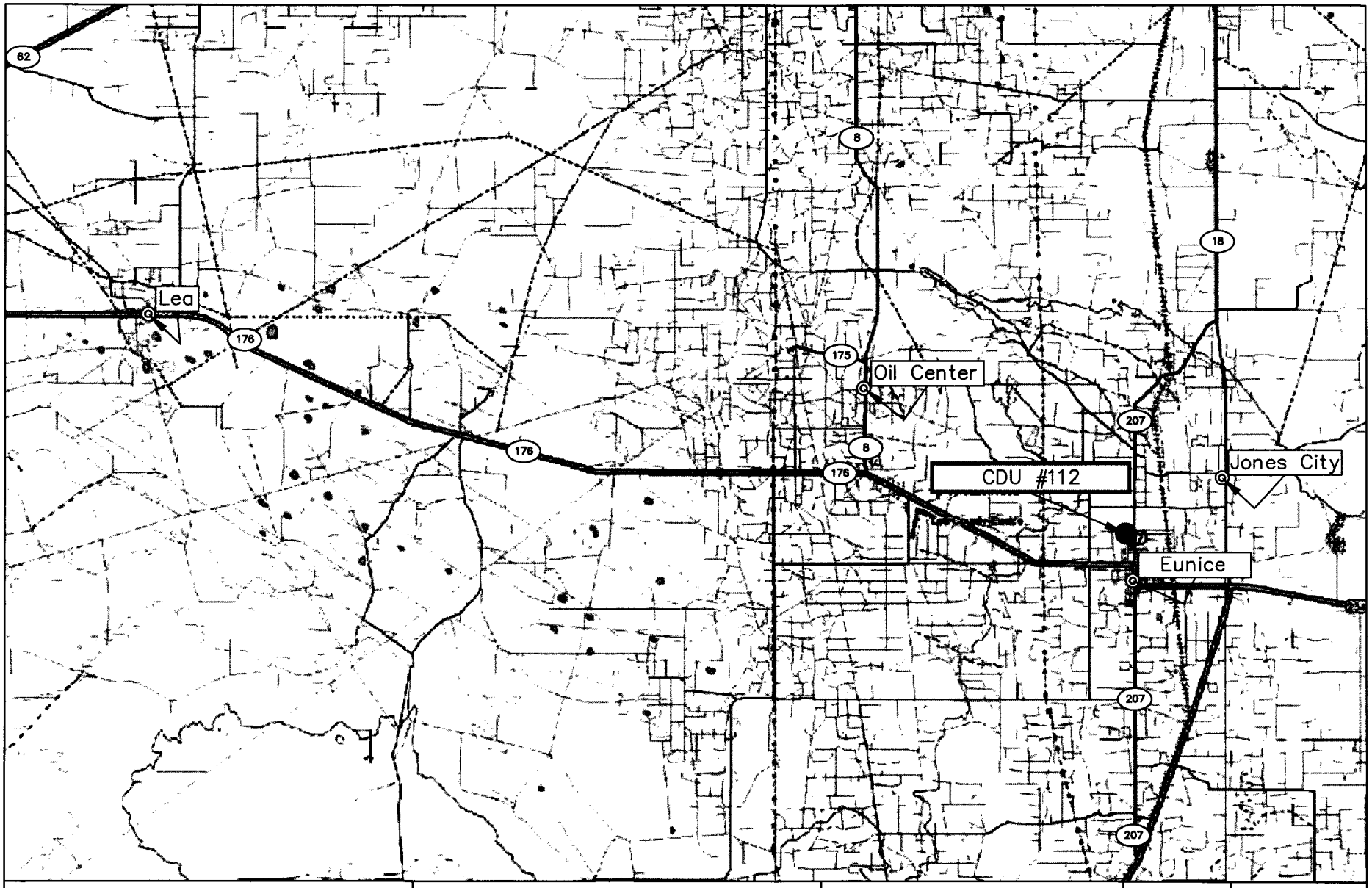


Figure 1 Area Map Chevron Corporation CDU #112	Lea County, New Mexico SE 1/4 of the NE 1/4, Sec. 28, T21S, R37E N 32° 27' 7.60" W 103° 09' 45.8" Elevation: 3,429 feet amsl	DWG By: Daniel Dominguez October 2006 0 3 6 Miles	REVISED: SHEET 1 of 1

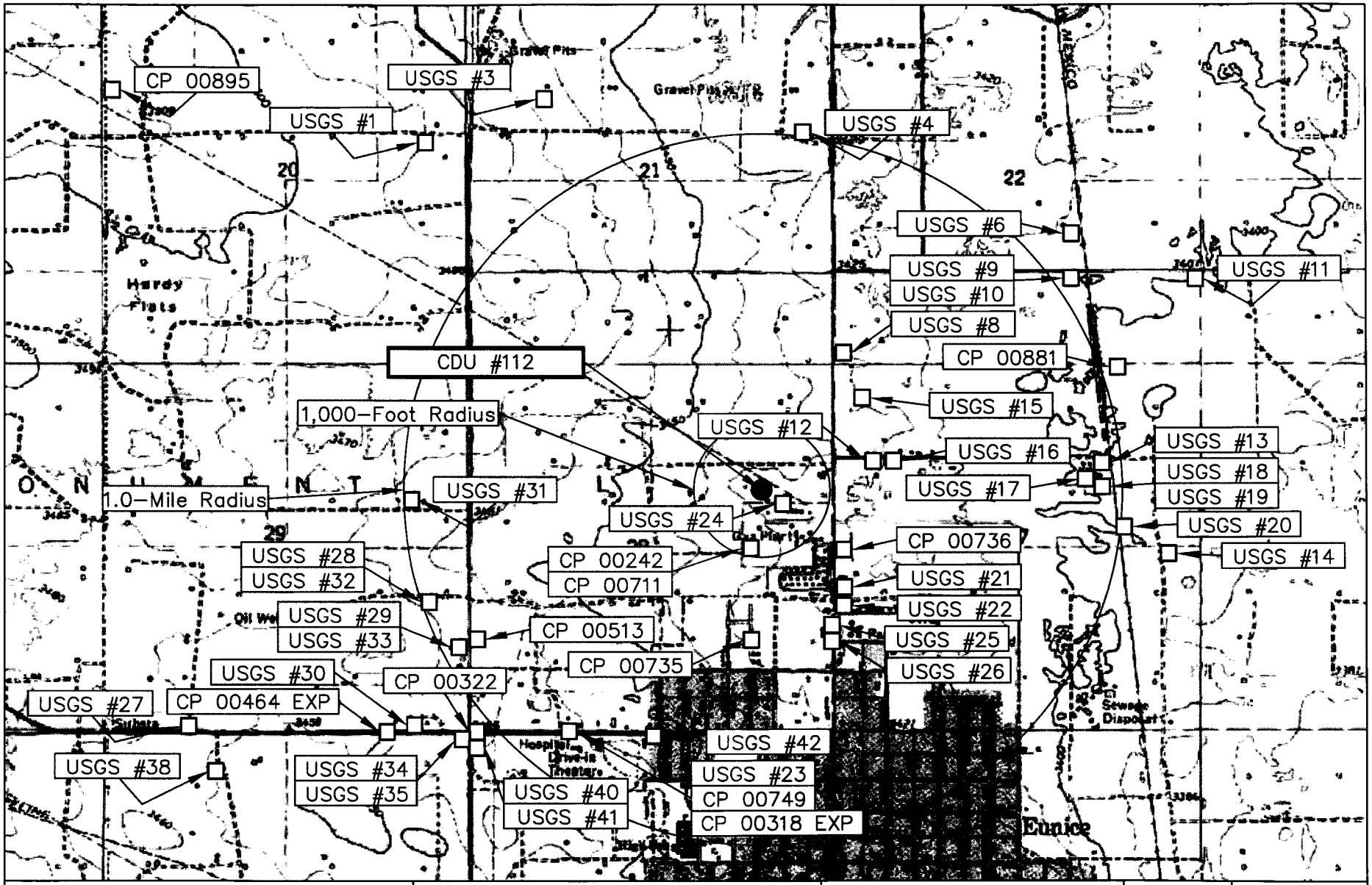


Figure 2
Site Location Map
Chevron Corporation
CDU #112

Lea County, New Mexico
SE 1/4 of the NE 1/4, Sec. 28, T21S, R37E
N 32° 27' 7.60" W 103° 09' 45.8"
Elevation: 3,429 feet amsl

DWG By: Daniel Dominguez
October 2006

REVISED:

0 2,000 4,000
Feet

SHEET
1 of 1

N

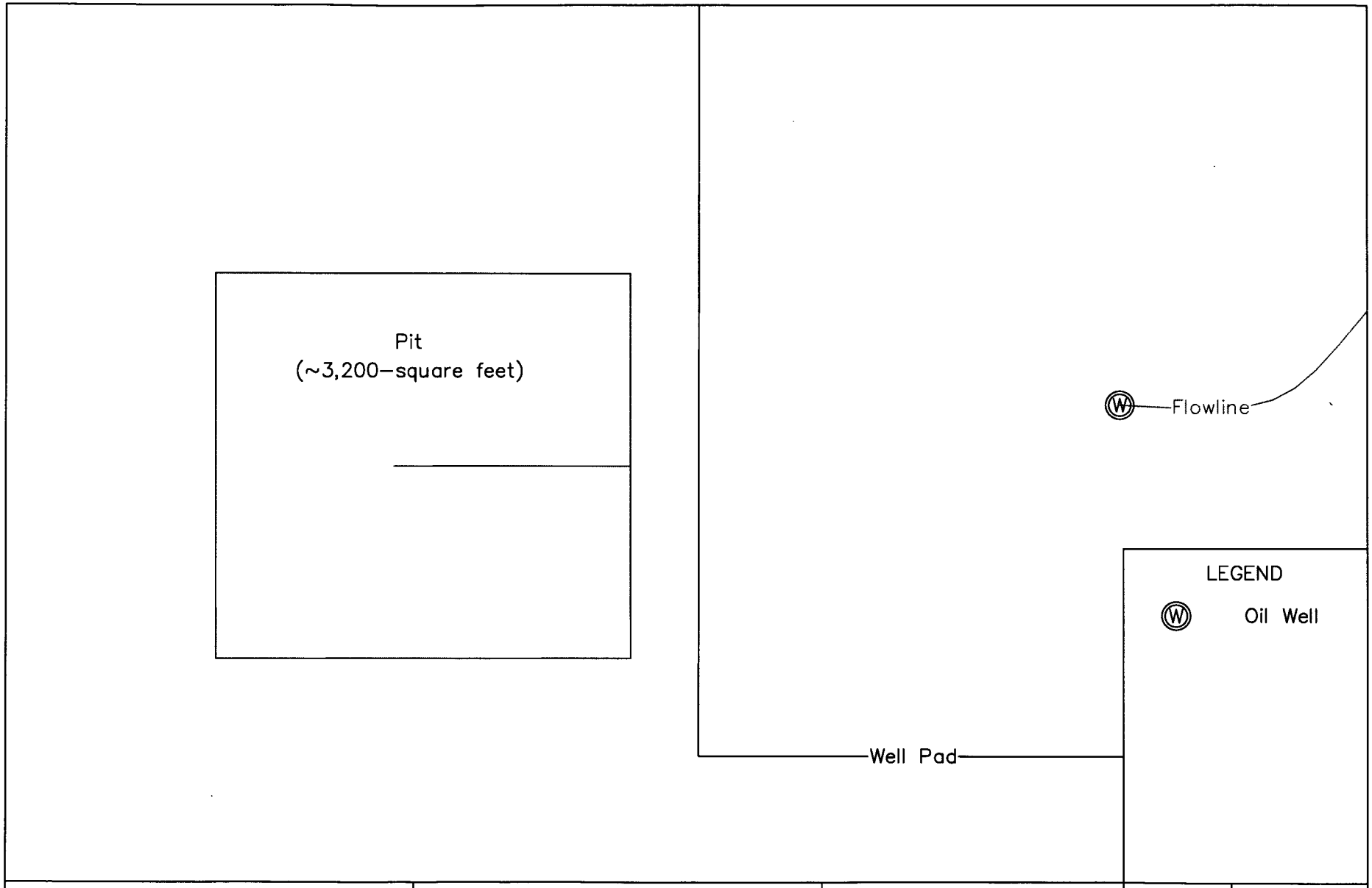


Figure 3 Site Map Chevron Corporation CDU #112	Lea County, New Mexico SE 1/4 of the NE 1/4, Sec. 28, T21S, R37E N 32° 27' 7.60" W 103° 09' 45.8" Elevation: 3,429 feet amsl	DWG By: Daniel Dominguez October 2006 0 20 40 Feet	REVISED: SHEET 1 of 1	N

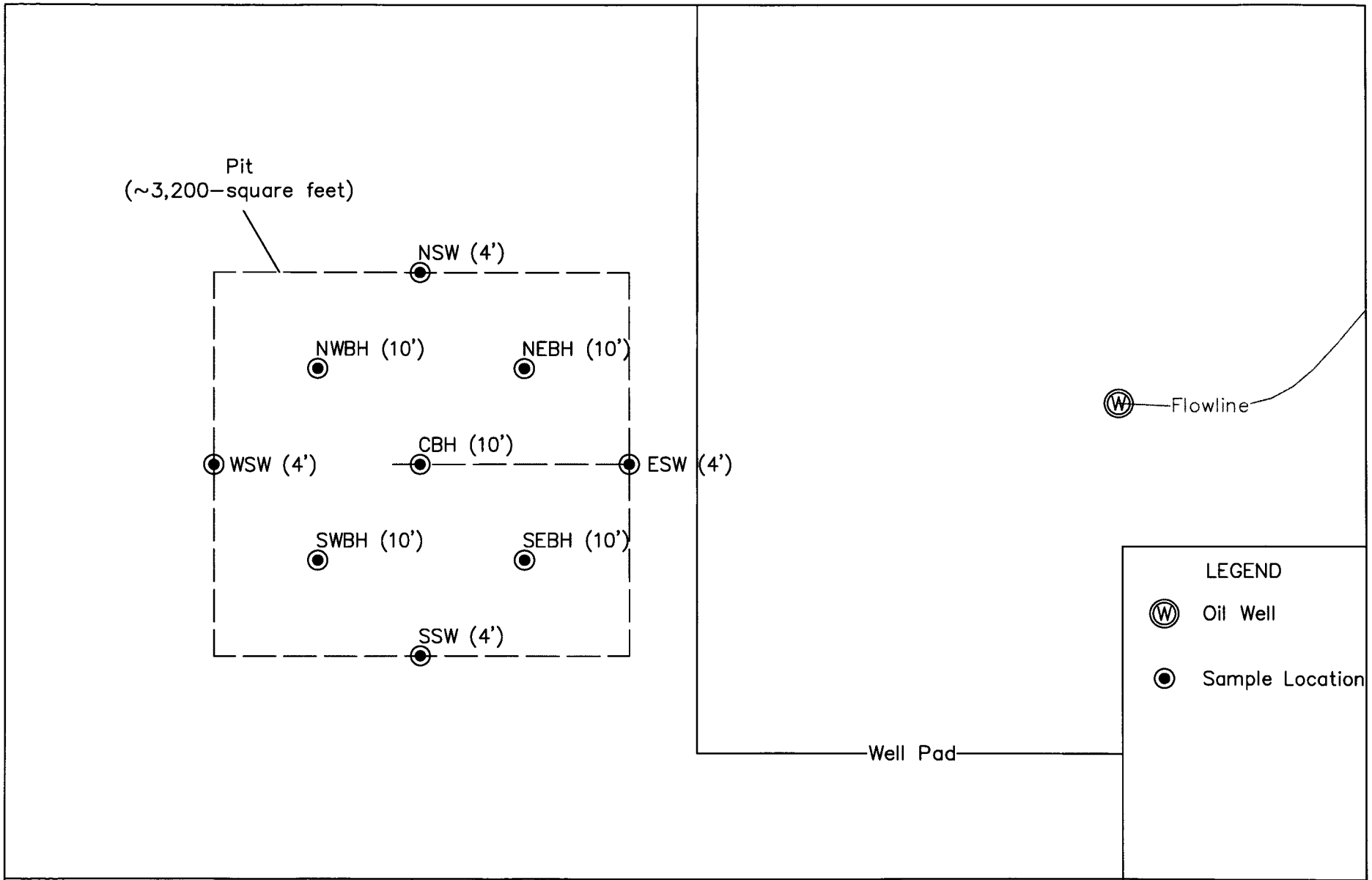


Figure 3a Sample Location Map Chevron Corporation CDU #112	Lea County, New Mexico SE 1/4 of the NE 1/4, Sec. 28, T21S, R37E N 32° 27' 7.60" W 103° 09' 45.8" Elevation: 3,429 feet amsl	DWG By: Daniel Dominguez October 2006	REVISED: Dec 2006	N
		0 20 40 Feet	SHEET 1 of 1	

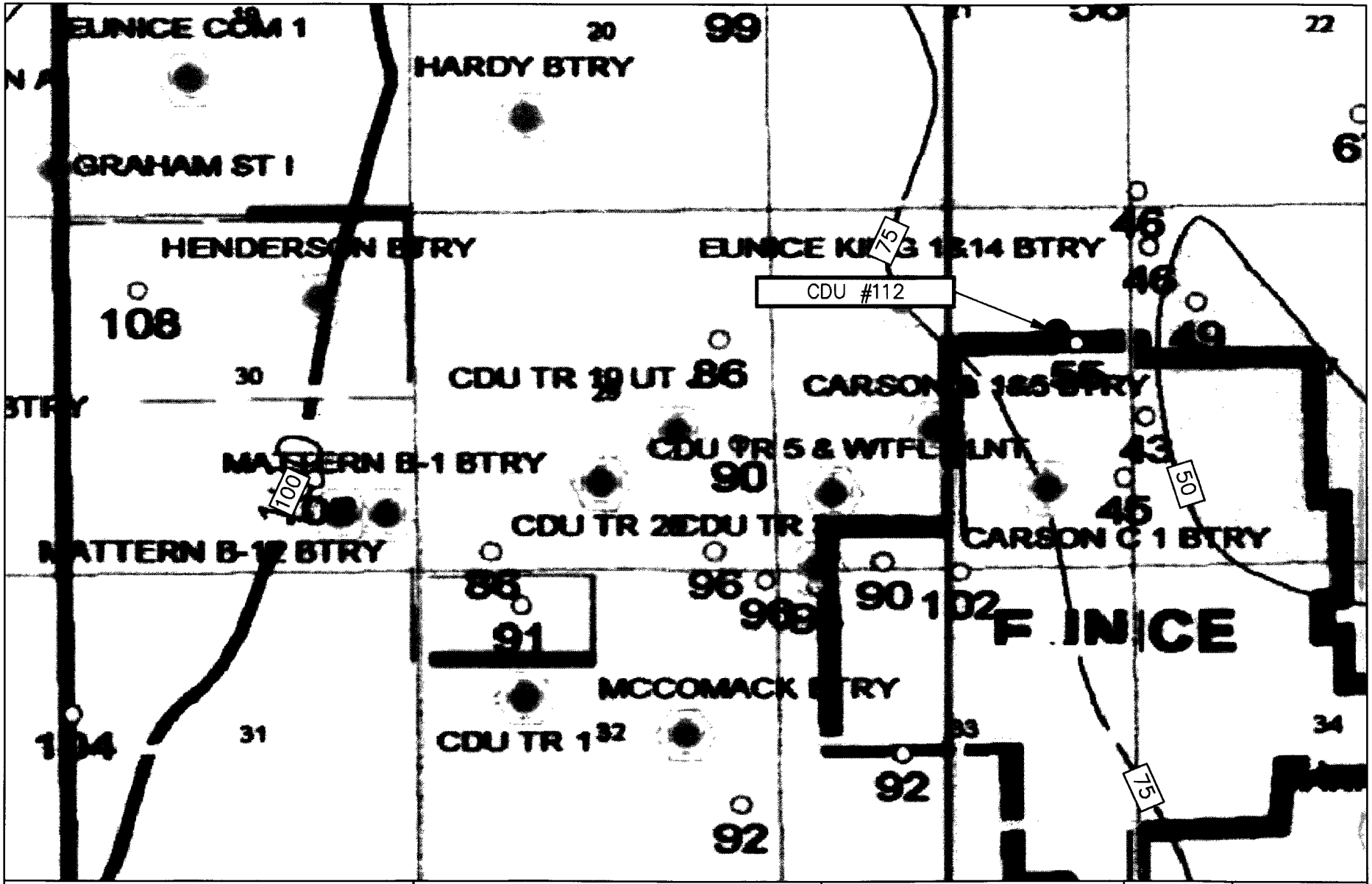


Figure 4 Groundwater Map Chevron Corporation CDU #112	Lea County, New Mexico SE 1/4 of the NE 1/4, Sec. 28, T21S, R37E N 32° 27' 7.60" W 103° 09' 45.8" Elevation: 3,429 feet amsl	DWG By: Daniel Dominguez October 2006 0 2,000 4,000 Feet	REVISED: SHEET 1 of 1 N

TABLE 1

WELL INFORMATION REPORT*

Chevron USA - CDU #112 (Ref #200103)

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 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
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 00881	3	RICHARD DON JONES	DOM	21S	37E	22 4 4 3	N32° 27' 25.16"	W103° 08' 45.99"	07-Sep-99	3,399	53
CP 00736	3	RONALD K. WORDEN	DOM	21S	37E	27 1 3	N32° 26' 59.02"	W103° 09' 32.12"	10-Sep-88	3,421	76
CP 00464 EXP	0	EUGENE WINKER	DOM	21S	37E	29 4 4 4	N32° 26' 32.94"	W103° 10' 49.08"		3,466	
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 #6				21S	37E	22 4 1 4			27-Jan-76		68.83
USGS #8				21S	37E	22 3 3 3			17-Apr-91		46.1
USGS #9				21S	37E	22 4 3 2			19-Apr-77		66.62
USGS #10				21S	37E	22 4 3 2			27-Jan-76		66.73
USGS #11				21S	37E	22 4 4 2			17-Apr-91		58.61
USGS #12				21S	37E	27 1 3 1			20-Jan-76		46.93
USGS #13				21S	37E	27 2 3 2			08-Feb-96		49.81
USGS #14				21S	37E	27 4 2 2			20-Jan-76		57.21
USGS #15				21S	37E	27 1 1 1			21-Jan-76		46.18
USGS #16				21S	37E	27 1 3 2			01-Jul-77		49.27
USGS #17				21S	37E	27 2 3 2			01-Aug-52		69
USGS #18				21S	37E	27 2 3 2			20-Jan-76		61.49
USGS #19				21S	37E	27 2 4 1			20-Jan-76		60.87
USGS #20				21S	37E	27 2 4 3			20-Jan-76		60.63
USGS #21				21S	37E	27 3 1 1			21-Jan-76		42.51
USGS #22				21S	37E	27 3 1 3			17-Nov-65		54
USGS #23				21S	37E	28 3 4 3			21-Jan-76		89.75
USGS #24				21S	37E	28 2 4 3			05-Mar-86		54.99
USGS #25				21S	37E	28 4 2 4			21-Jan-76		45.14

TABLE 1

WELL INFORMATION REPORT*

Chevron USA - CDU #112 (Ref #200103)

Well Number	Diversion[A]	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation[B]	Depth to Water (ft bgs)
USGS #26				21S	37E	28 4 4 2			21-Jan-76		45.13
USGS #27				21S	37E	29 3 3 4			29-Oct-65		85.86
USGS #28				21S	37E	29 4 2 4			30-Nov-65		99.82
USGS #29				21S	37E	29 4 4 2			21-Jan-76		98.76
USGS #30				21S	37E	29 4 4 3			21-Jan-76		96.19
USGS #31				21S	37E	29 2 4 1			06-Mar-96		85.83
USGS #32				21S	37E	29 4 2 4			17-Apr-91		89.98
USGS #33				21S	37E	29 4 4 2			29-Oct-65		106.93
USGS #34				21S	37E	32 2 2 2			22-Jan-76		98.08
USGS #35				21S	37E	32 2 2 2			07-Mar-86		94.99
USGS #38				21S	37E	32 1 2 1			15-Jan-54		90.67
USGS #40				21S	37E	33 1 1 1			22-Jan-76		97.8
USGS #41				21S	37E	33 1 1 1			22-Jan-76		93.95
USGS #42				21S	37E	33 2 1 1			06-Jun-55		101.92
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1) and USGS Database.

[A] = in acre feet per annum

[B] = 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

TABLE 2
Chevron USA
CDU #112 Pit Analytical Results Summary

SAMPLE ID#	Sampling Interval (FT. BGS[1])	Date	Status	GRO[3] mg/Kg	DRO[4] mg/Kg	TPH[5] mg/Kg	BTEX mg/Kg	Benzene mg/Kg	Toluene mg/Kg	Ehtylbenzene mg/Kg	m,p-o Xylene mg/Kg	Chloride mg/Kg
NSW-4	4	10/10/2006	in-situ	--	--	--	--	--	--	--	--	64
ESW-4	4	10/10/2006	in-situ	--	--	--	--	--	--	--	--	48
SSW-4	4	10/10/2006	in-situ	--	--	--	--	--	--	--	--	96
WSW-4	4	10/10/2006	in-situ	<10.0	48.3	48.3	<0.015	<0.005	<0.005	<0.005	<0.015	80
NWBH-10	10	10/10/2006	in-situ	--	--	--	--	--	--	--	--	16
NEBH-10	10	10/10/2006	in-situ	--	--	--	--	--	--	--	--	96
SWBH-10	10	10/10/2006	in-situ	--	--	--	--	--	--	--	--	80
SEBH-10	10	10/10/2006	in-situ	--	--	--	--	--	--	--	--	64
CBH-10	10	10/10/2006	in-situ	<10.0	24.6	24.6	<0.015	<0.005	<0.005	<0.005	<0.015	32
New Mexico Oil Conservation Division Remedial Goals						1,000	50	*10*				**WQCC**

[2]VOC–Volatile Organic Contaminants/Constituents

[3]GRO-Gasoline Range Organics C_6-C_{10}

[4]DRO-Diesel Range Organics C_{10}-C_{28}

[5]TPH-Total Petroleum Hydrocarbon = GRO+DRO.

[6]Bolded values are in excess of the New Mexico Oil Conservation Division guideline threshold for the parameter

[7]Italicized values are < the instrument detection limit.

-- indicates the sample was not collected.

Reported detection limits are considered "de minimus" values and are included in the GRO/DRO and BTEX summations.

WQCC - (New Mexico Water Quality Control Commission) Chloride residuals cannot be capable of impacting local groundwater in excess of the 250 mg/L WQCC standard.

CARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: PAT McCASLAND
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

Receiving Date: 10/10/06
Reporting Date: 10/13/06
Project Owner: CHEVRON USA (#200103)
Project Name: CDU #112
Project Location: NOT GIVEN

Sampling Date: 10/10/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: BC

LAB NO. SAMPLE ID	GRO (C_6-C_{10}) (mg/Kg)	DRO (>C_{10}-C_{28}) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:	10/12/06	10/12/06	10/11/06	10/11/06	10/11/06	10/11/06
H11640-4 WSW-4'	<10.0	48.3	<0.005	<0.005	<0.005	<0.015
H11640-9 CBH-10'	<10.0	24.6	<0.005	<0.005	<0.005	<0.015
Quality Control	780	742	0.103	0.094	0.099	0.285
True Value QC	800	800	0.100	0.100	0.100	0.300
% Recovery	97.5	93.0	103	94.0	98.9	95.1
Relative Percent Difference	3.9	7.6	1.0	5.1	2.7	4.9

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

Burgess J.A. Cooke

Burgess J.A. Cooke, Ph. D.

10/13/06
Date

H11640A

CARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: PAT McCASLAND
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

Receiving Date: 10/10/06
Reporting Date: 10/13/06
Project Owner: CHEVRON USA (#200103)
Project Name: CDU #112
Project Location: NOT GIVEN

Analysis Date: 10/11/06
Sampling Date: 10/10/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: HM

LAB NO.	SAMPLE ID	Cl^- (mg/Kg)
H11640-1	NSW-4'	64
H11640-2	ESW-4'	48
H11640-3	SSW-4'	96
H11640-4	WSW-4'	80
H11640-5	NWBH-10'	16
H11640-6	NEBH-10'	96
H11640-7	SWBH-10'	80
H11640-8	SEBH-10'	64
H11640-9	CBH-10'	32
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		2.0

METHOD: Standard Methods	4500-Cl^-B

NOTE: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

10-13-06
Date

H11640

Cardinal Laboratories Inc.

101 East Marland, Hobbs, NM 88240
505-393-2326 Fax 505-393-2476

2111 Beechwood, Abilene, TX 79603
915-673-7001 Fax 915-673-7020

Company Name	Environmental Plus, Inc.
EPI Project Manager	Pat McCasland
Billing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	505-394-3481 / 505-394-2601
Client Company	Chevron USA
Facility Name	CDU #112
Project Reference	#200103
EPI Sampler Name	Jacob Melancon

Bill To

Chevron USA
P. O. Box 1949
Eunice, NM 88231
Attention: Mr. Larry Williams

ANALYSIS REQUEST

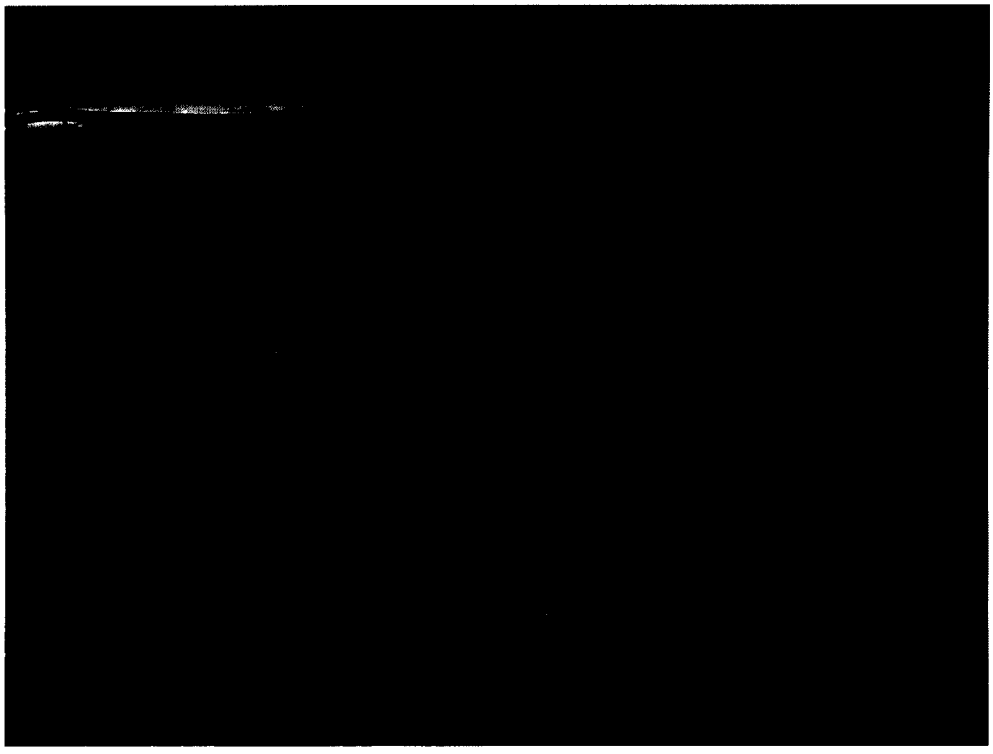
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	MATRIX: WASTEWATER	MATRIX: SOIL	MATRIX: CRUDE OIL	MATRIX: SLUDGE	MATRIX: OTHER:	PRESERV.: ACID/BASE	PRESERV.: ICE/COOL	PRESERV.: OTHER	SAMPLING: DATE	SAMPLING: TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>
H11640-1	1 NSW-4'	X	1			X					X		10/10/06	8:30			X				
	2 ESW-4'	X	1			X					X		10/10/06	8:35			X				
	3 SSW-4'	X	1			X					X		10/10/06	8:40			X				
	4 WSW-4'	X	1			X					X		10/10/06	8:50	X	X	X				
	5 NWBH-10'	X	1			X					X		10/10/06	8:57			X				
	6 NEBH-10'	X	1			X					X		10/10/06	9:02			X				
	7 SWBH-10'	X	1			X					X		10/10/06	9:08			X				
	8 SEBH-10'	X	1			X					X		10/10/06	9:14			X				
	9 CBH-10'	X	1			X					X		10/10/06	9:20	X	X	X				
	10																				

Sampler Relinquished: Date: 10-10-06 Time
Received By:

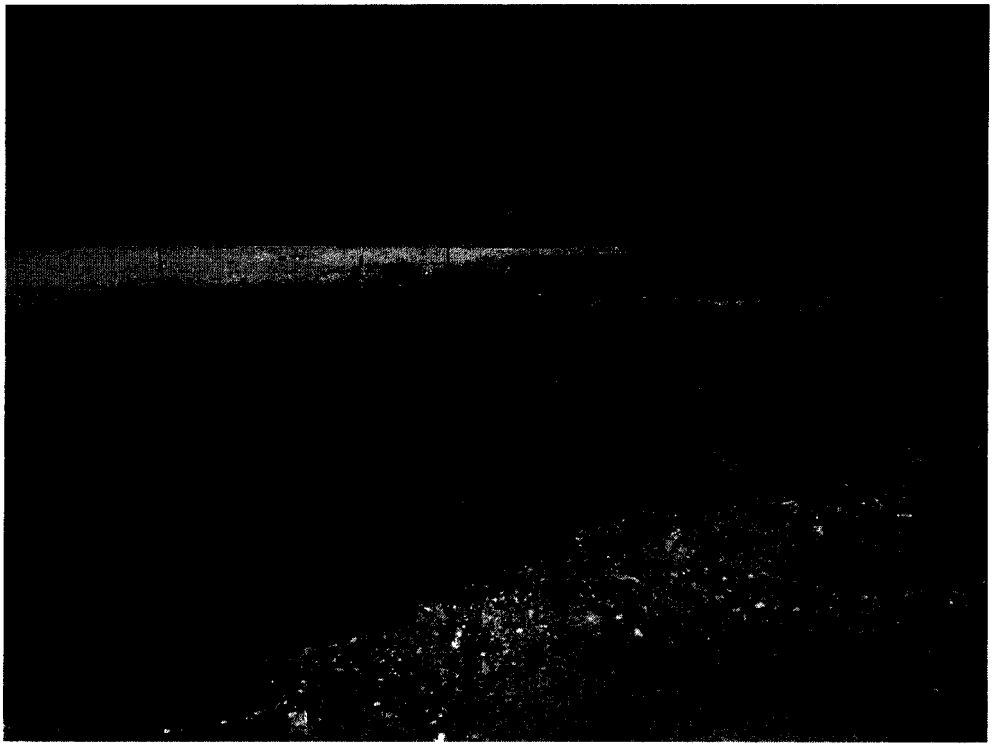
Relinquished by: Date 10-10-06 Time 1:40
Received By: (lab staff) Hope L Moreno

Delivered by:
Sample Cool & Intact: (Yes) No
Checked By:

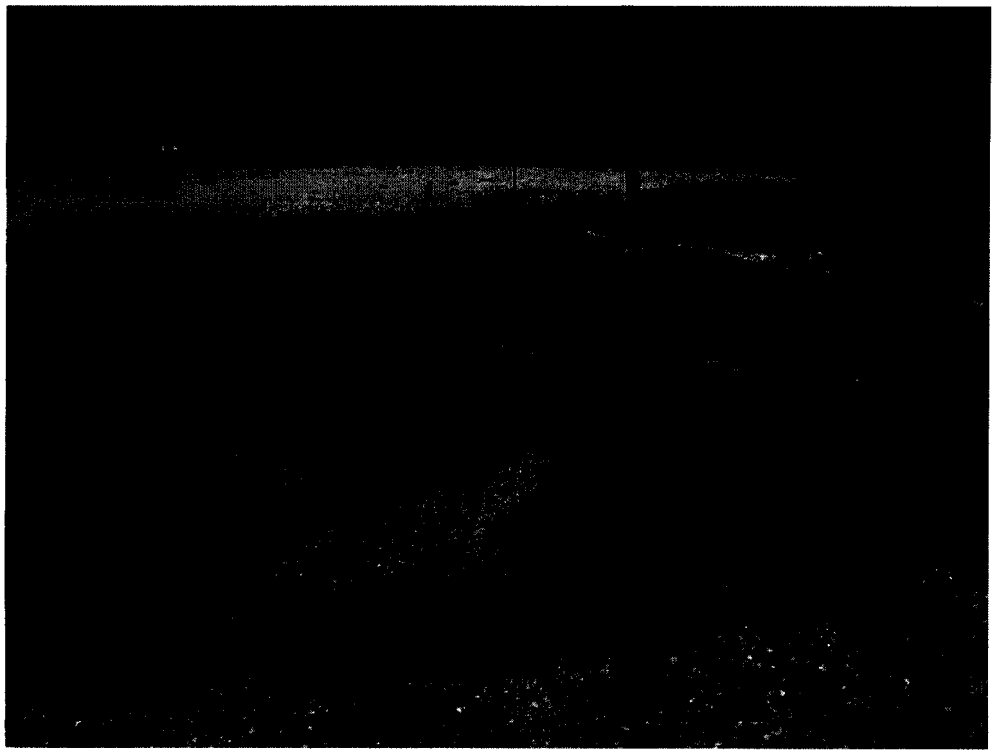
Fax Results To Pat McCasland - EPI @ 505-394-2601
REMARKS: Chain of custody requested. Send original reports to Pat McCasland - EPI.



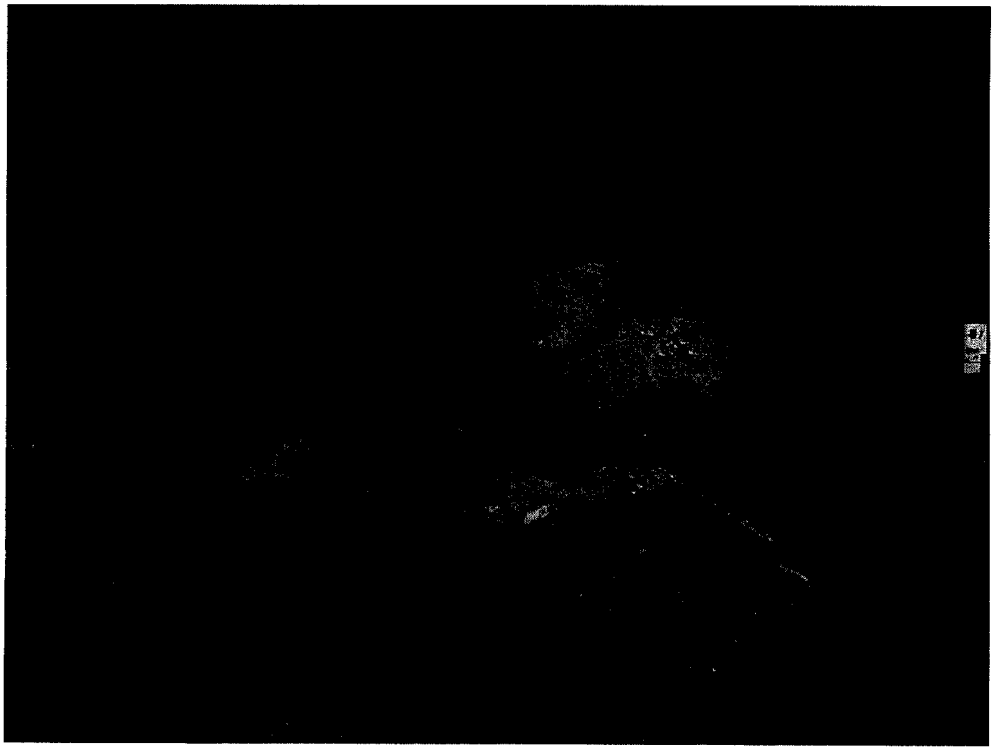
Photograph #1- Lease sign.



Photograph #2 - Pit with berms, looking westerly.

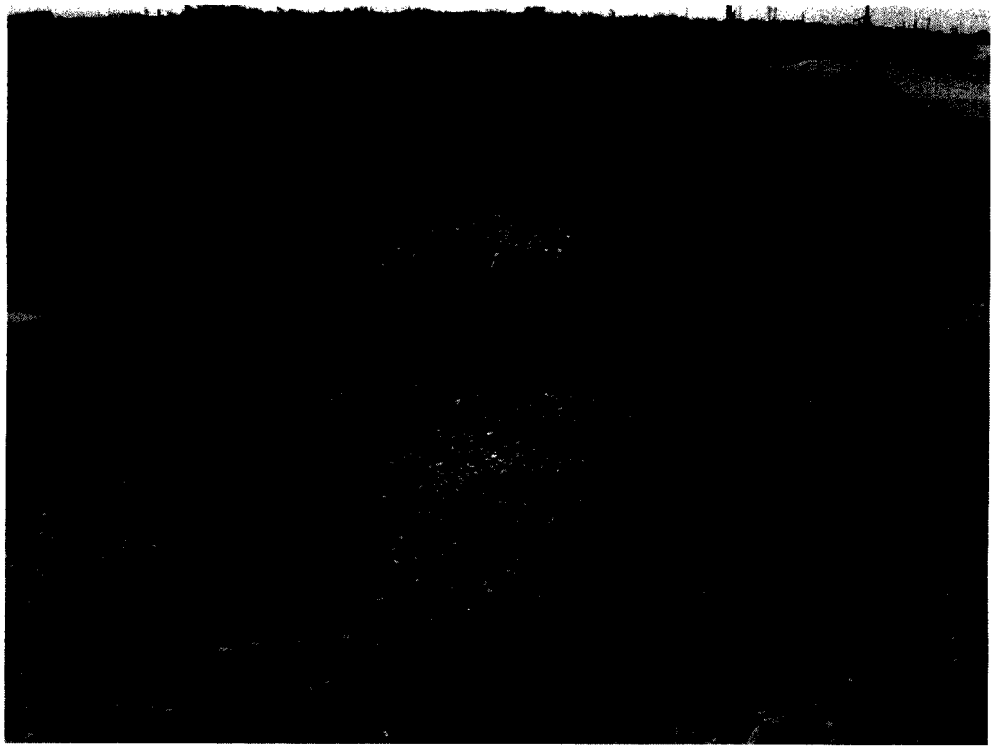


Photograph #3 – Pit with berms, looking northwesterly.



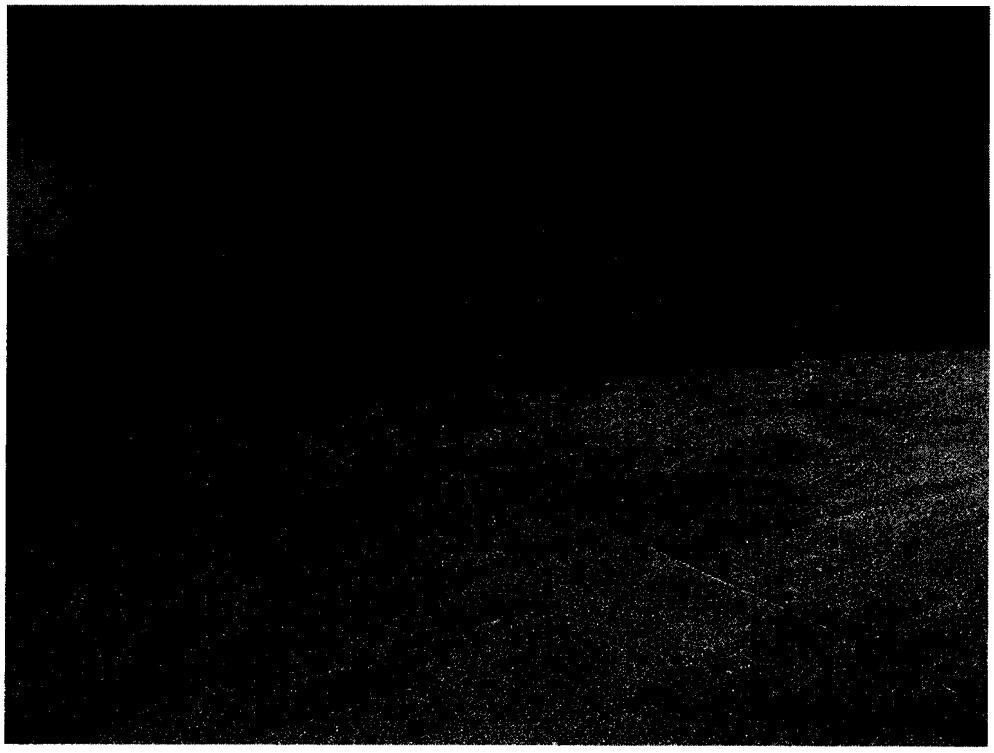
Photograph #4 – Pit with berms, looking northwesterly.

Photograph #5 – Pit contents stiffened and hauled.



Photograph #6 – Pit contents stiffened and hauled.

Photograph #7 – Closed pit, backfilled and contoured.



Photograph #8 – Closed pit, backfilled and contoured.