

GW - 014

HYDROSTATIC TESTING



REFINING COMPANY, LLC

RECEIVED
FAX

(575) 746-5283 DIV. ORDERS

(575) 746-5441 TRUCKING A/D 1-

(575) 746-5458 PERSONNEL

501 EAST MAIN STREET • P. O. BOX 159

ARTESIA, NEW MEXICO 88211-0159

TELEPHONE (575) 748-3311

FAX

(575) 746-5419 ACCOUNTING

(575) 746-5451 ENV/PURCH/MKTG

(575) 746-5421 ENGINEERING

August 5, 2011

Certified Mail- Return Receipt Requested

7002 2030 0001 8349 1406

Carl Chavez

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division

1220 South St. Francis Drive

Santa Fe, NM 87505

**RE: Navajo Refining Company, LLC, Lovington Refinery (GW-014)
Underground Pipe Testing**

Dear Carl:

In the course of surveying the underground lines at its Lovington Refinery, Navajo assigned Refinery Inspection personnel to conduct a review to determine if any lines should be included in our underground process/wastewater line testing program specified in Paragraph 13 of Discharge Permit GW-014.

As a result of that review, Navajo has identified 7 underground process/wastewater pipe segments that have been added to the testing program. Based on Navajo's review it appears Navajo did not complete at least 20 percent testing of these process/wastewater lines as required under the permit. However, Navajo has initiated an aggressive program to test these process/wastewater lines and has completed testing of all these segments as we discussed in our meeting on March 22, 2011. Navajo will ensure that at least 20 percent of the lines are tested each year in accordance with Paragraph 13.A of the Permit.

Attached is an updated spreadsheet listing the lines now subject to the testing requirements. Navajo has documented the location of these underground process/wastewater pipe segments, including isometric sketches, is developing a test schedule, and has assigned responsibility for ensuring that subsequent testing is completed as required by the Discharge Permit. Navajo will conduct regular meetings with responsible personnel to ensure testing and reporting is completed as required in the permit.

If you have any questions, please contact me at 575-746-5490

Sincerely,

Johnny Lackey

Environmental Manager

Attachments

Cc (w/attachments): Navajo Refining: MGM, MGW

OCD: Glenn VonGonten, 1220 South St. Francis Dr., Santa Fe, NM 87505

Electronic cc (w/attachments): DGM, Dave Lamp, Denise McWatters, David Jelmini

Environmental Files: REF.LOV 08-4.E.03 (Lovington Discharge Permit)

**Navajo Refining Company
Lovington Refinery
Master List Of Underground Process Lines**

1

LOVINGTON

	Description	Equipment	Service	Priority	Sketch Number	Test Date	Pass/Fail	Comments
1	Underground Line Integrity Testing	Pipeline	Crude	1	100	6/24/2010	Pass	
2	Underground Line Integrity Testing	Pipeline	Crude	1	101	6/24/2010	Pass	
3	Underground Line Integrity Testing	Pipeline	Crude	1	102	7/12/2010	Pass	
4	Underground Line Integrity Testing	Pipeline	Crude	1	105	10/22/2010	Pass	
5	Underground Line Integrity Testing	Pipeline	Crude	1	106	10/22/2010	Pass	
6	Underground Line Integrity Testing	Pipeline	Crude	1	107	10/22/2010	Pass	
7	Underground Line Integrity Testing	Pipeline	Crude	1	108	10/22/2010	Pass	
8	Underground Line Integrity Testing	Pipeline	Crude	1	110	6/22/2010	Pass	
9	Underground Line Integrity Testing	Pipeline	Waste Water	2	111	7/6/2010	Pass	
10	Underground Line Integrity Testing	Pipeline	Waste Water	2	112	7/6/2010	Pass	
11	Underground Line Integrity Testing	Pipeline	Waste Water	2	113	6/25/2010	Pass	
12	Underground Line Integrity Testing	Pipeline	Waste Water	2	114	6/29/2010	Pass	
13	Underground Line Integrity Testing	Pipeline	Waste Water	2	115	6/29/2010	Pass	
14	Underground Line Integrity Testing	Pipeline	R.O. Water	2	116	6/29/2010	Pass	
15	Underground Line Integrity Testing	Pipeline	Waste Water	2	117	10/29/2010	Pass	
16	Underground Line Integrity Testing	Pipeline	Waste Water	2	118	10/29/2010	Pass	
17	Underground Line Integrity Testing	Pipeline	Naphtha	1	120	6/23/2010	Pass	
22	Underground Line Integrity Testing	Pipeline	Crude	1	129	7/7/2010	Pass	
27	Underground Line Integrity Testing	Pipeline	Casinghead	1	150	8/9/2010	Pass	
38	Underground Line Integrity Testing	Pipeline	Crude	1	198	7/9/2010	Pass	
39	Underground Line Integrity Testing	Pipeline	Crude	1	205	7/8/2010	Pass	
40	Underground Line Integrity Testing	Pipeline	Crude	1	206	7/8/2010	Pass	

SK 101

TEST
BLIND

ROAD
SLEEVED

NORTH

10HC-1504-A-A2-1 SK125
CROUCH CRUDE

MOV 12028

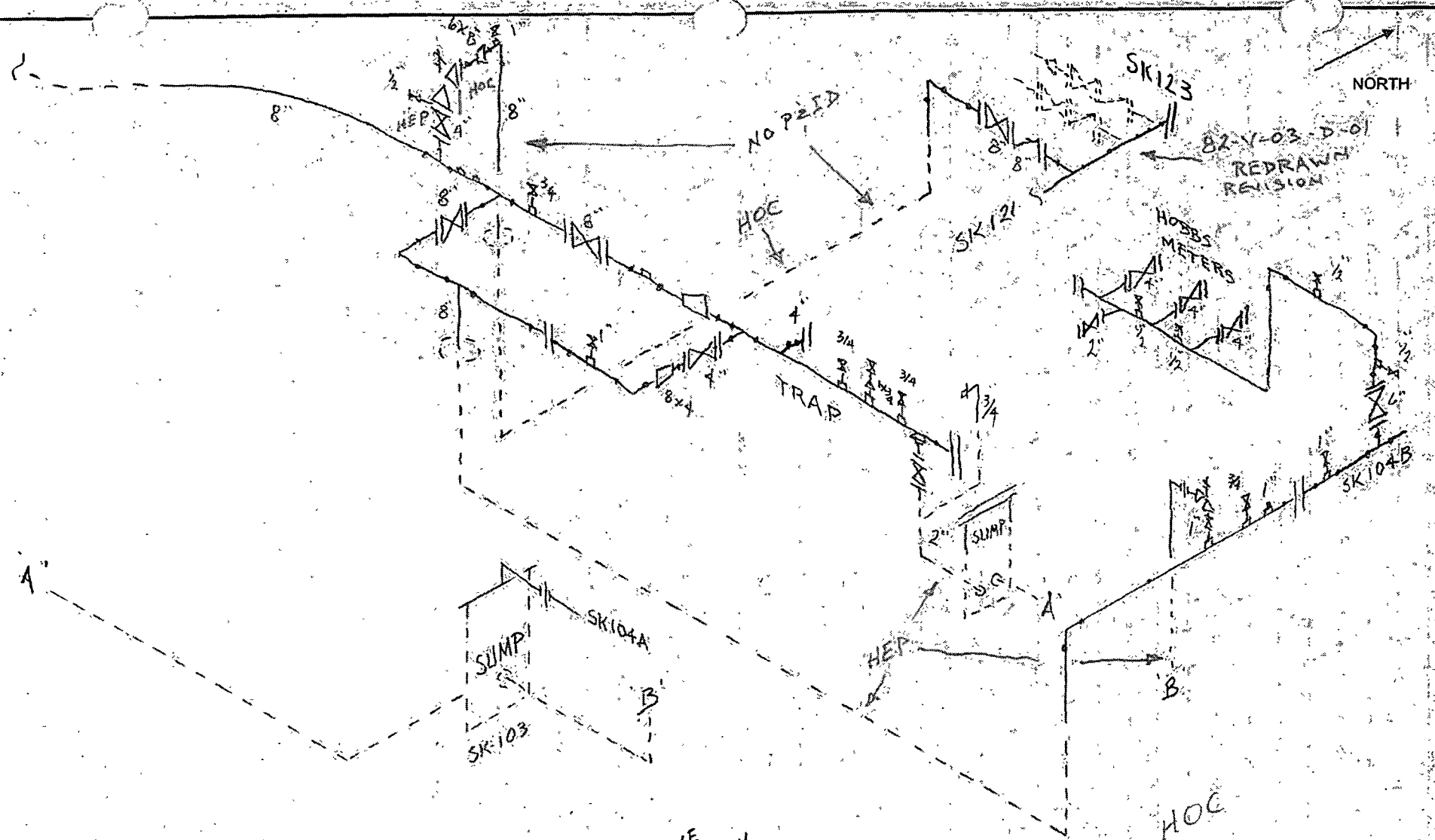
82-V-03-D-01

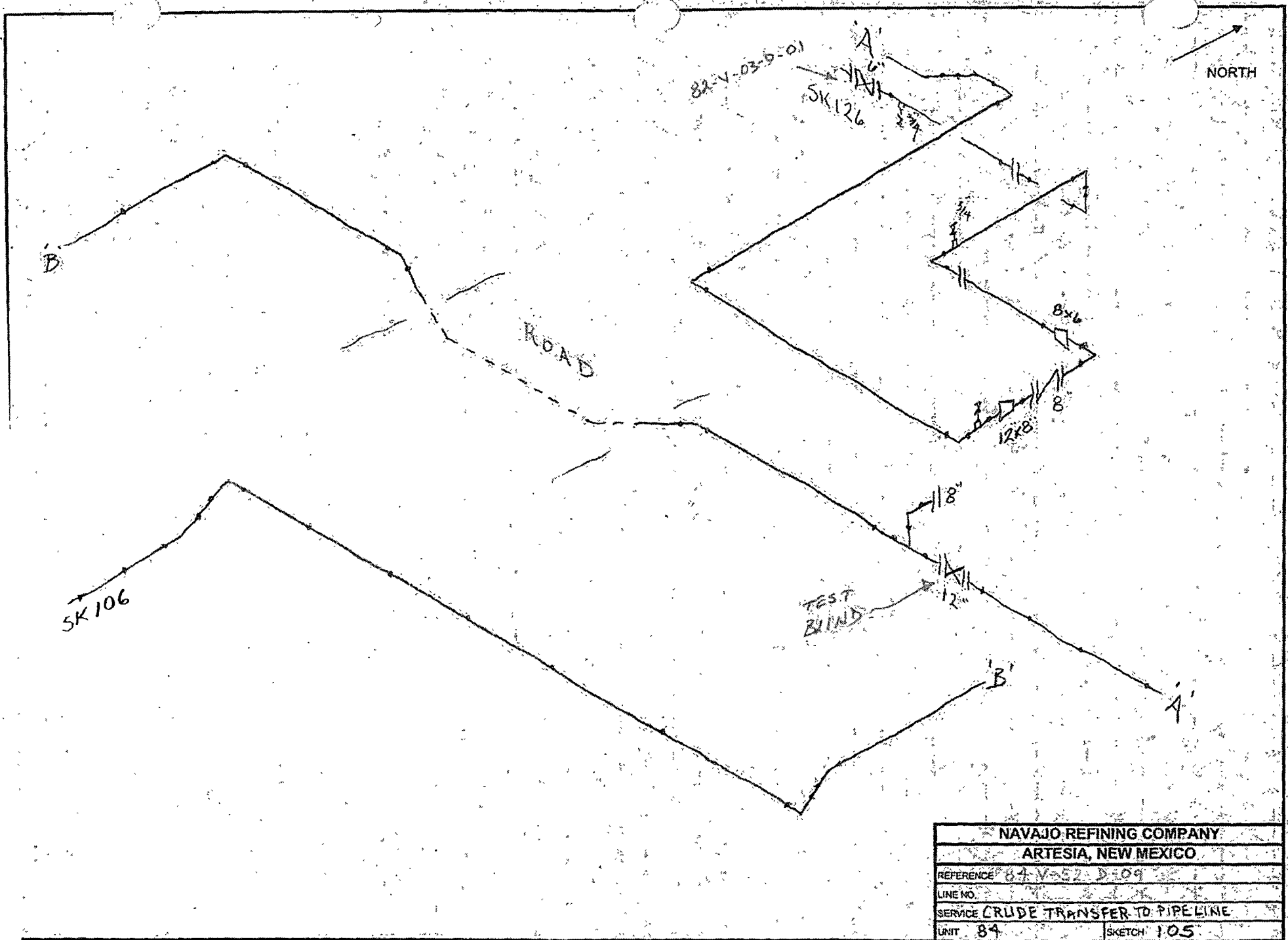
NETTING

NAVAJO REFINING COMPANY	
ARTESIA, NEW MEXICO	
REFERENCE 82-V-03-D-01	
LINE NO.	
SERVICE CRUDE TRANSFER	
UNIT 84	SKETCH 100

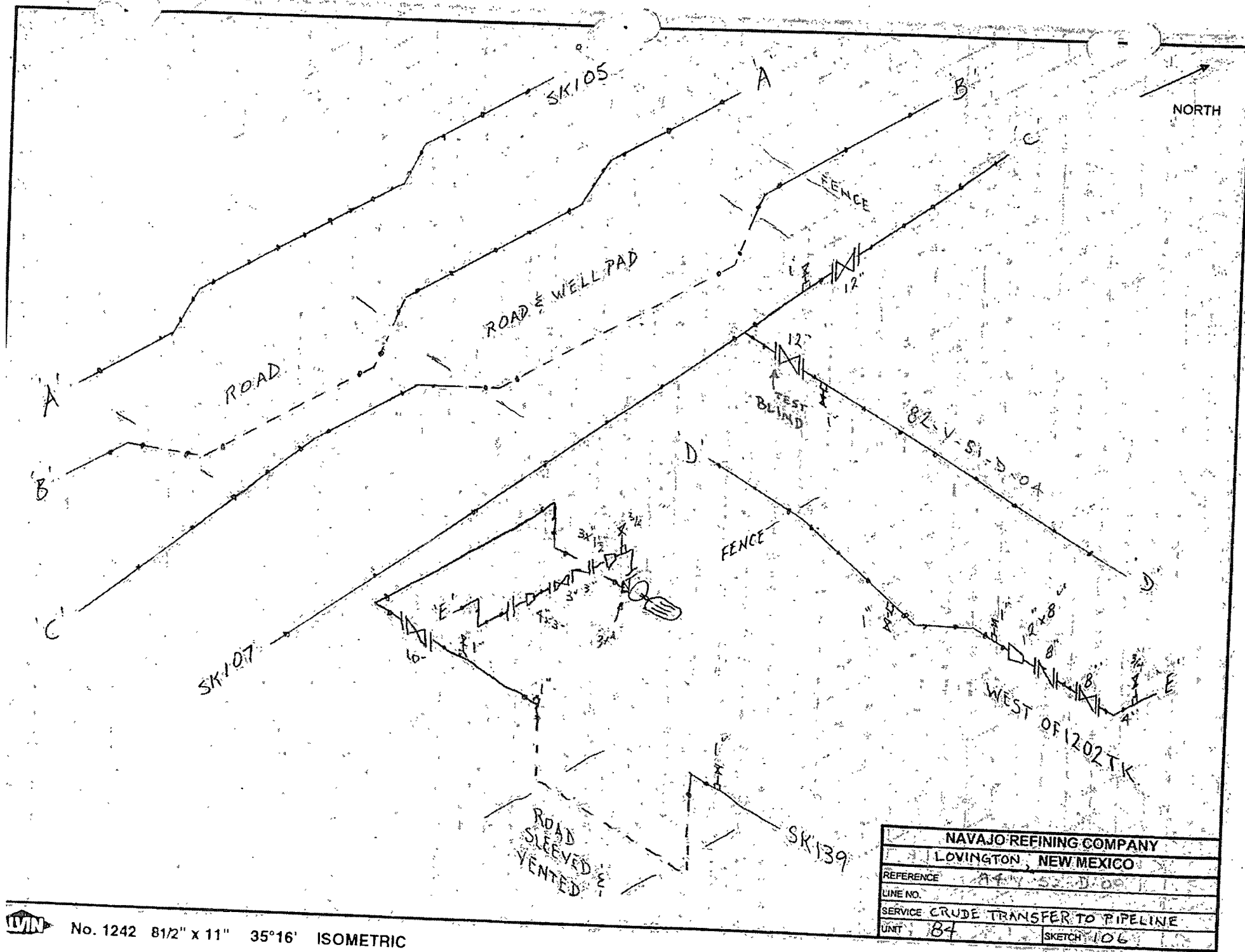
UNDERGROUND LINE
ROUTES ARE SPECULATION

NAVAJO REFINING COMPANY	
ARTESIA, NEW MEXICO	
REFERENCE	
LINE NO.	
SERVICE HOBBS CRUDE PIG TRAP	
UNIT 84	SKETCH SK 102





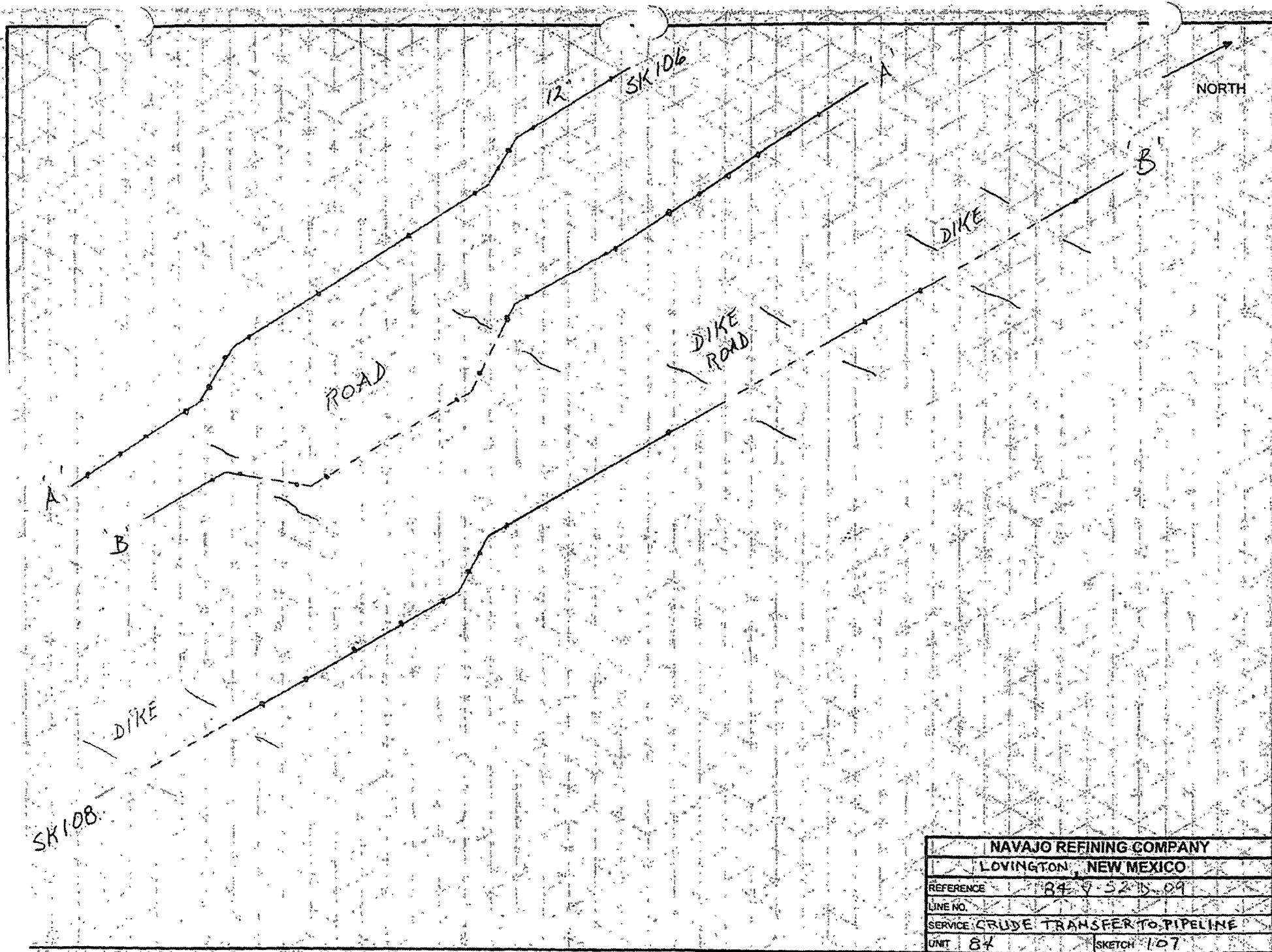
NAVAJO REFINING COMPANY	
ARTESIA, NEW MEXICO	
REFERENCE	84-V-52-D-109
LINE NO.	
SERVICE	CRUDE TRANSFER TO PIPE LINE
UNIT	84
SKETCH	105

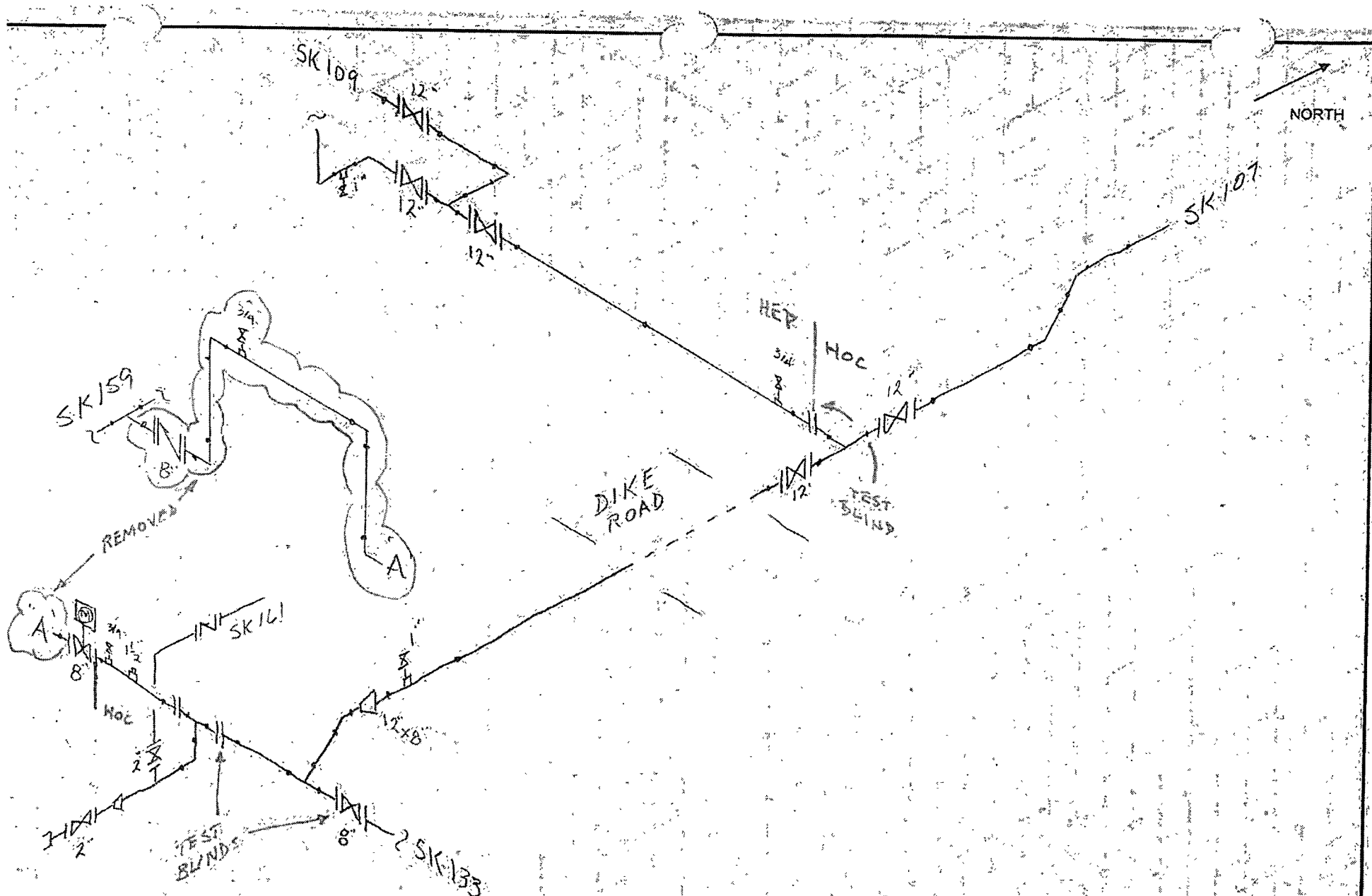


NAVAJO REFINING COMPANY	
LOVINGTON, NEW MEXICO	
REFERENCE	144-V-S-D-001
LINE NO.	1
SERVICE CRUDE TRANSFER TO PIPELINE	
UNIT	184
SKETCH 106	



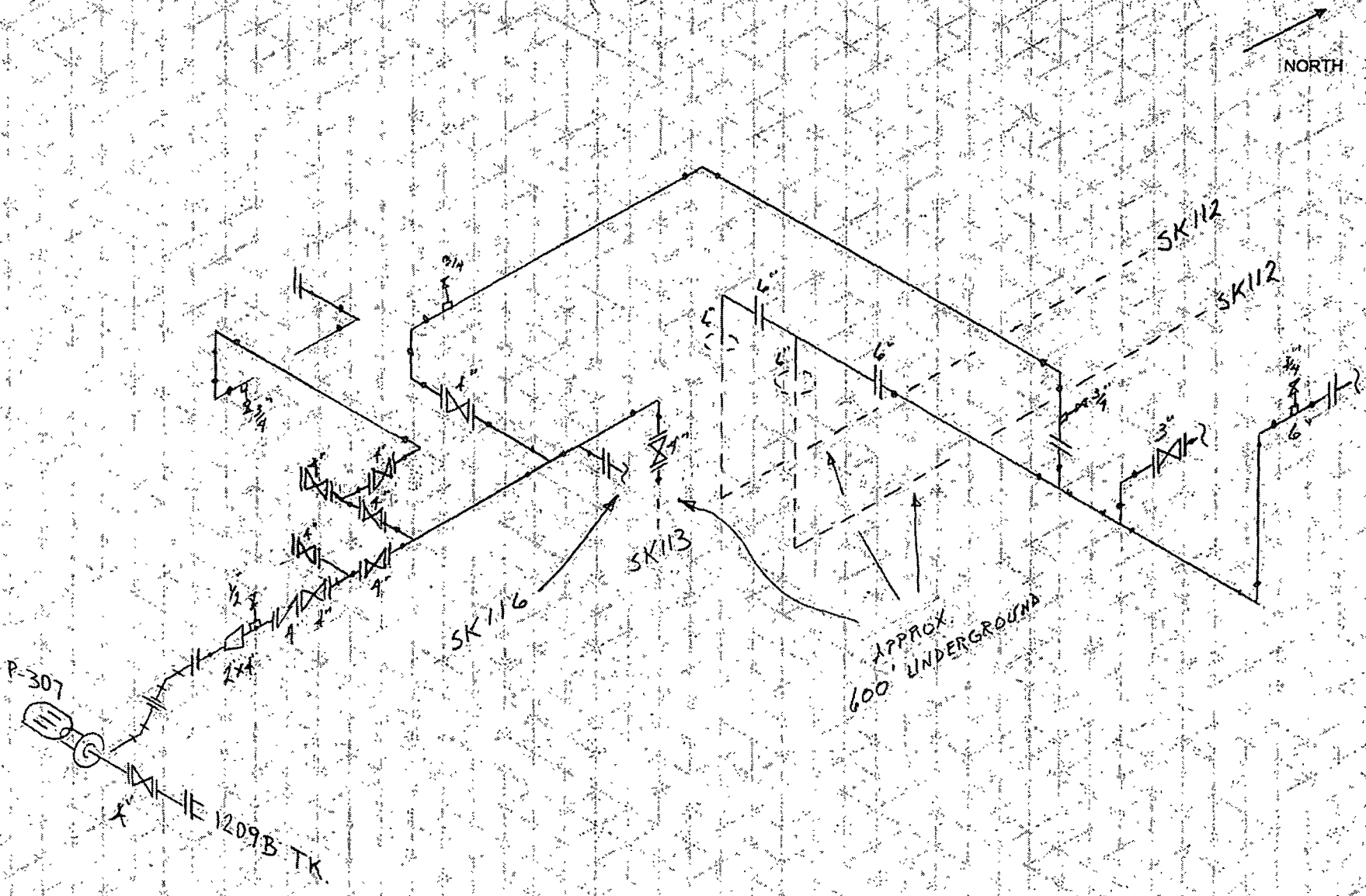
No. 1242 8 1/2" x 11" 35°16' ISOMETRIC





NAVAJO REFINING COMPANY	
LOVINGTON, NEW MEXICO	
REFERENCE 82-V-02-D-01 84-V-02-D-09	
LINE NO.	
SERVICE CRUDE TRANSFER TO PIPELINE	
UNIT 84	SKETCH 108

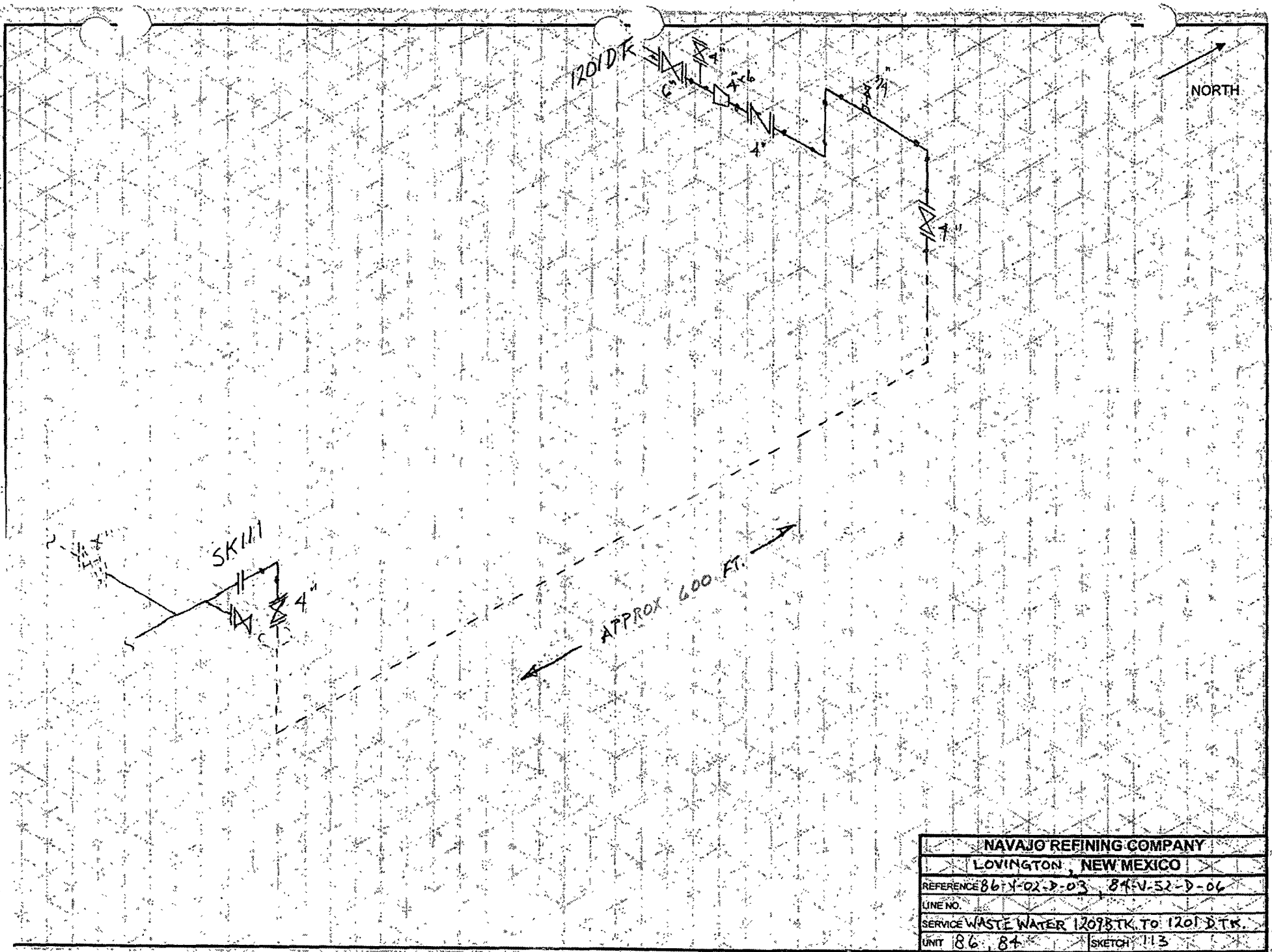




NAVAJO REFINING COMPANY	
LOVINGTON, NEW MEXICO	
REFERENCE 86-V-02-S-03	
LINE NO.	
SERVICE WASTE WATER API TO 1201C TK	
UNIT 86	SKETCH 111

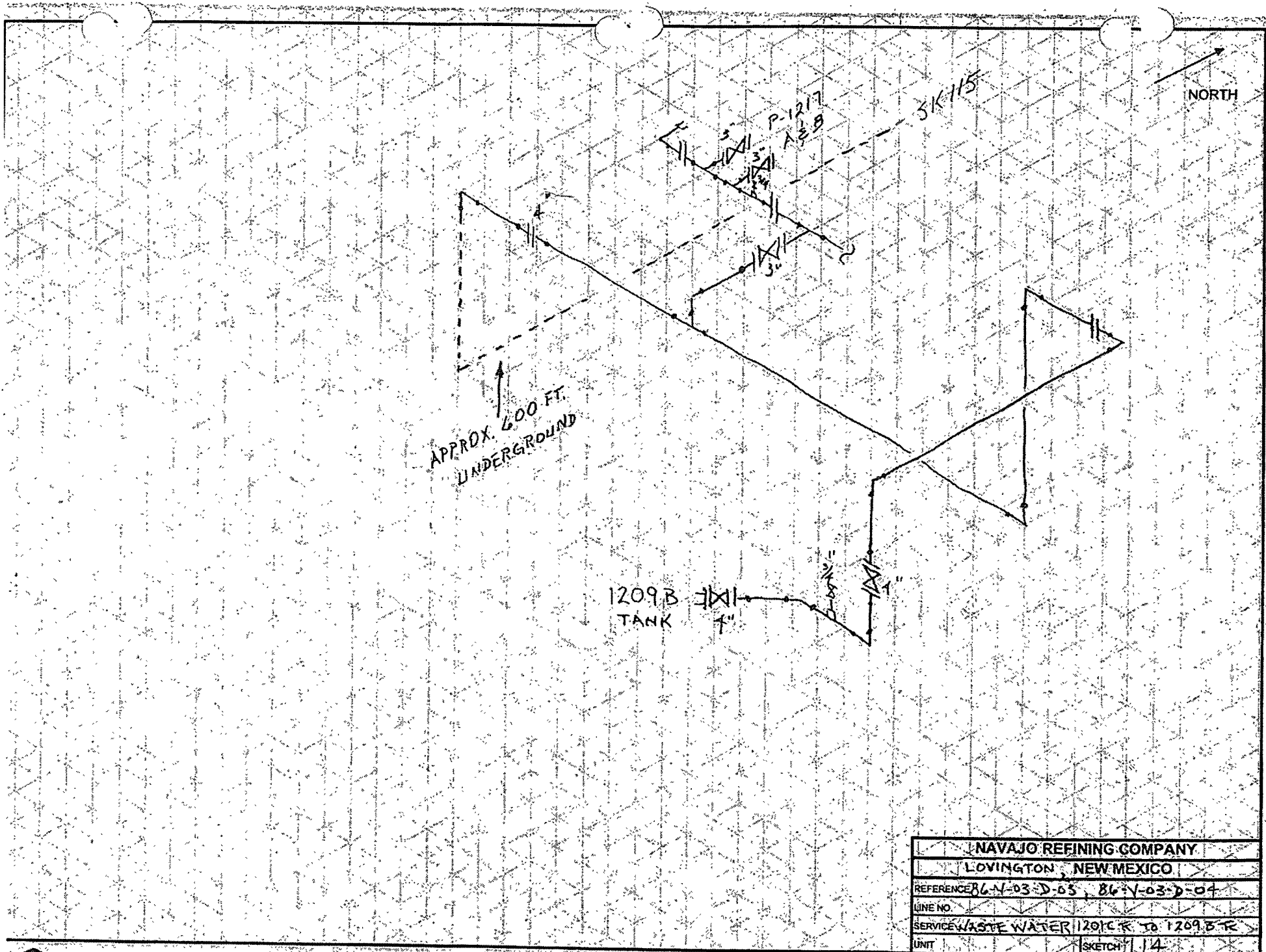


No. 1242 8 1/2" x 11" 35°16' ISOMETRIC

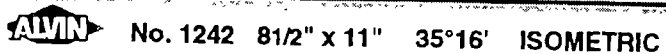


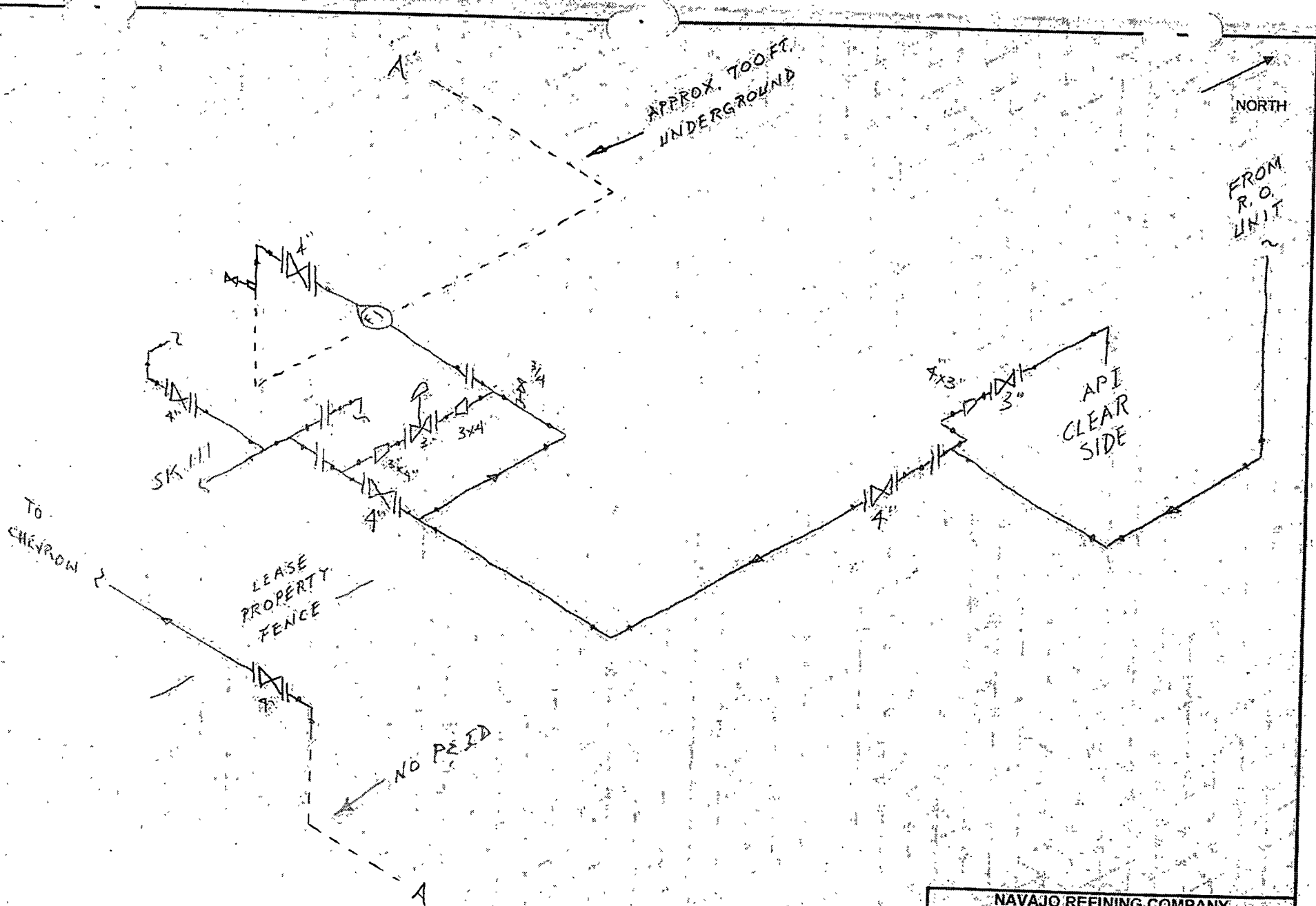
NAVAJO REFINING COMPANY	
LOVINGTON, NEW MEXICO	
REFERENCE 86-V-02-D-03	84-V-52-D-06
LINE NO.	
SERVICE WASTE WATER 1209 BTK. TO 1201 DTK.	
UNIT 86, 84	SKETCH 113



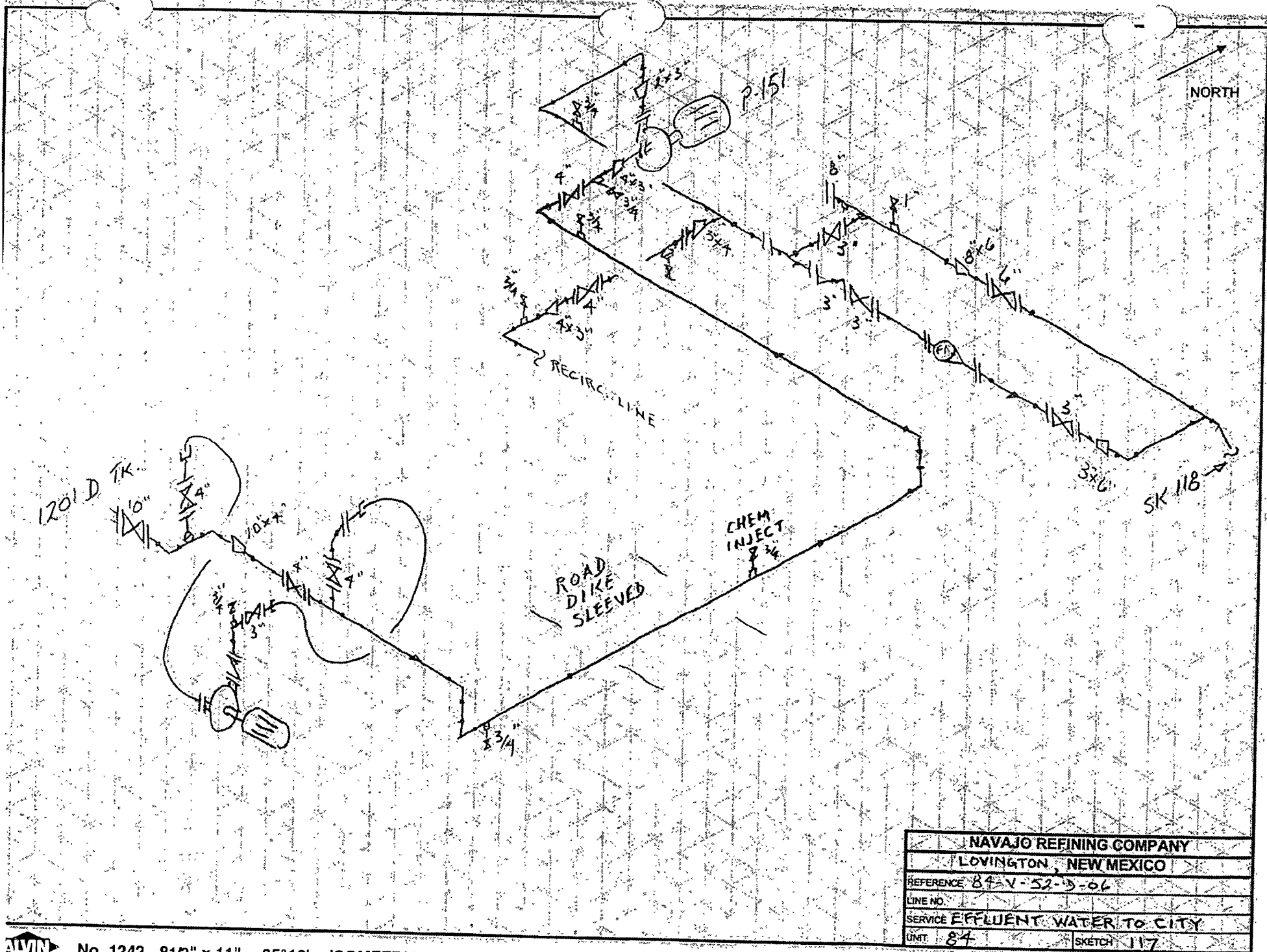


NAVAJO REFINING COMPANY	
LOVINGTON, NEW MEXICO	
REFERENCE 86-N-03-D-05, 86-V-03-D-04	
LINE NO.	
SERVICE WASTE WATER 1209B TANK TO 1209B TANK	
UNIT	SKETCH 114

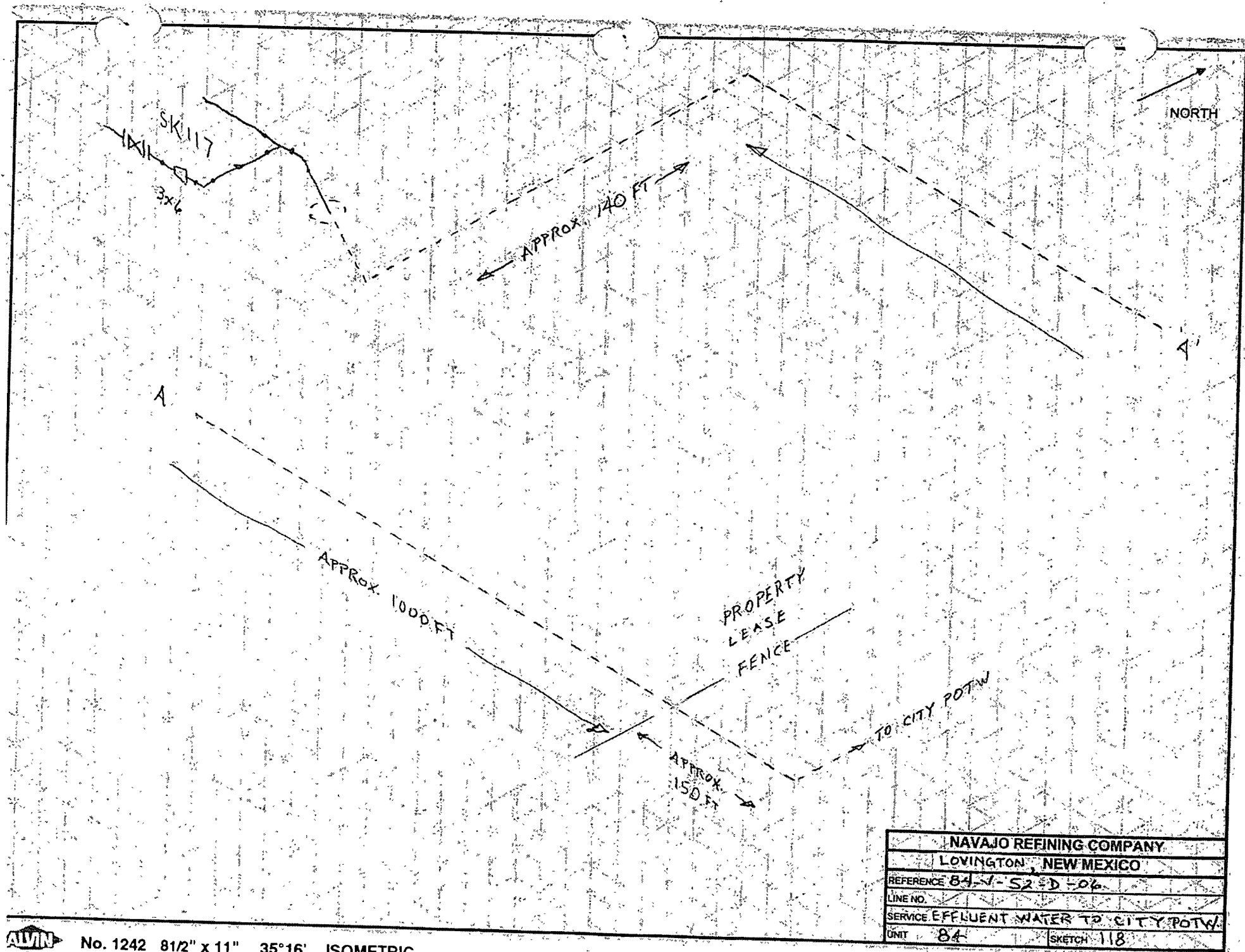


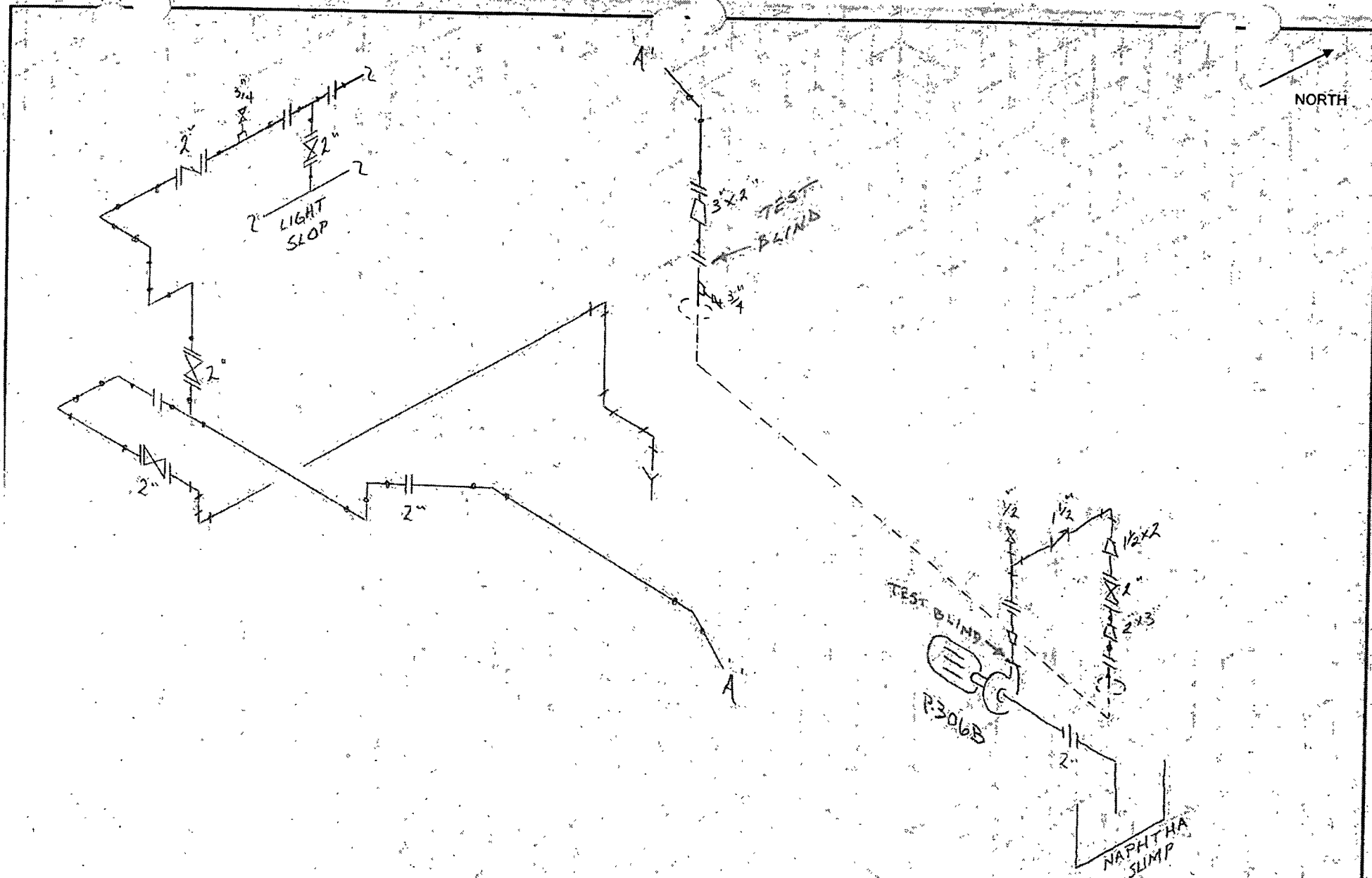


NAVAJO REFINING COMPANY	
LOVINGTON, NEW MEXICO	
REFERENCE	
LINE NO.	
SERVICE	R.O. CONCENTRATE TO PURE
UNIT	86
SKETCH	116

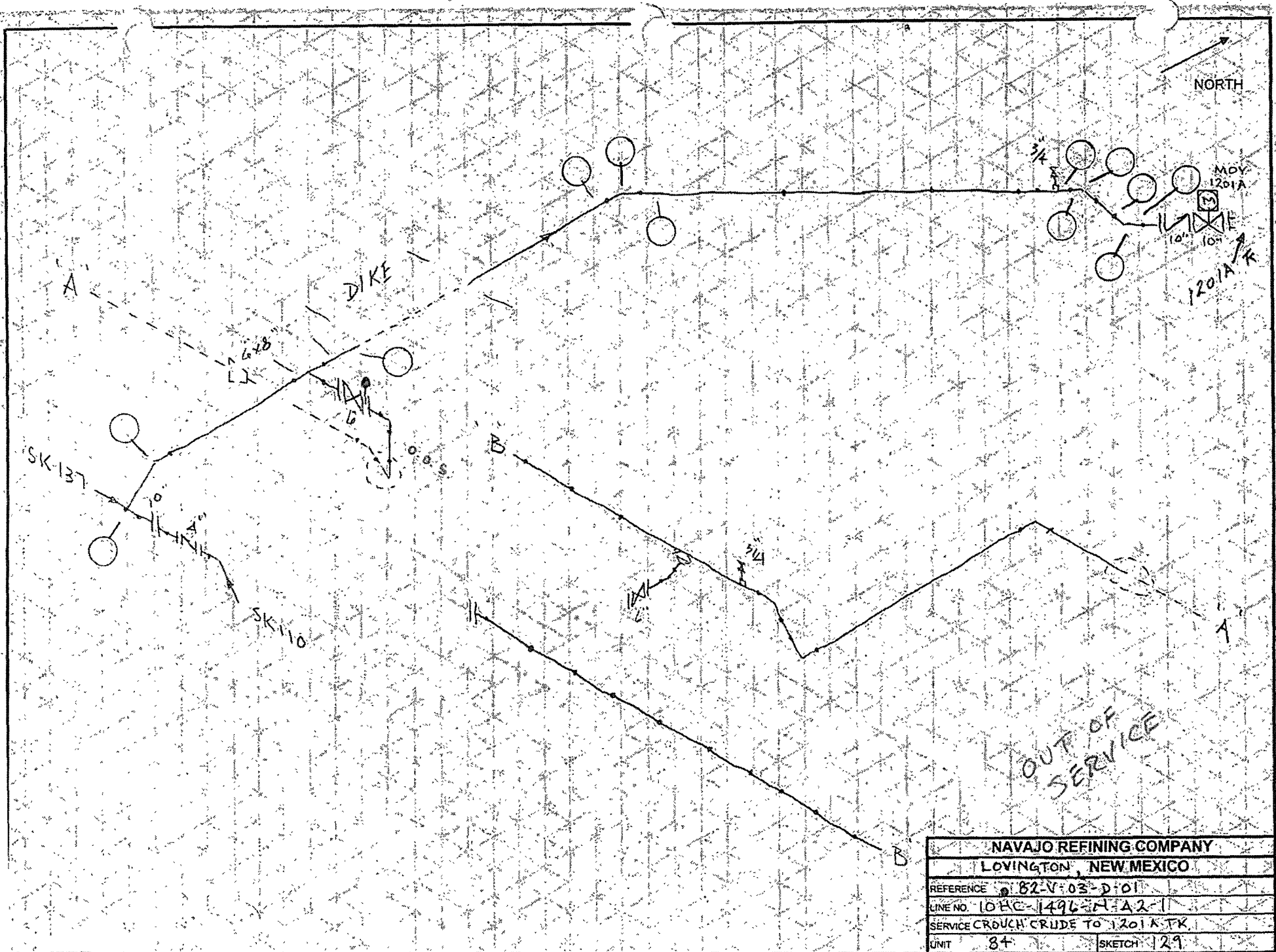


NAVAJO REFINING COMPANY	
LOVINGTON, NEW MEXICO	
REFERENCE 84-V-52-3-06	
LINE NO.	
SERVICE EFFLUENT WATER TO CITY	
UNIT 84	SKETCH 117



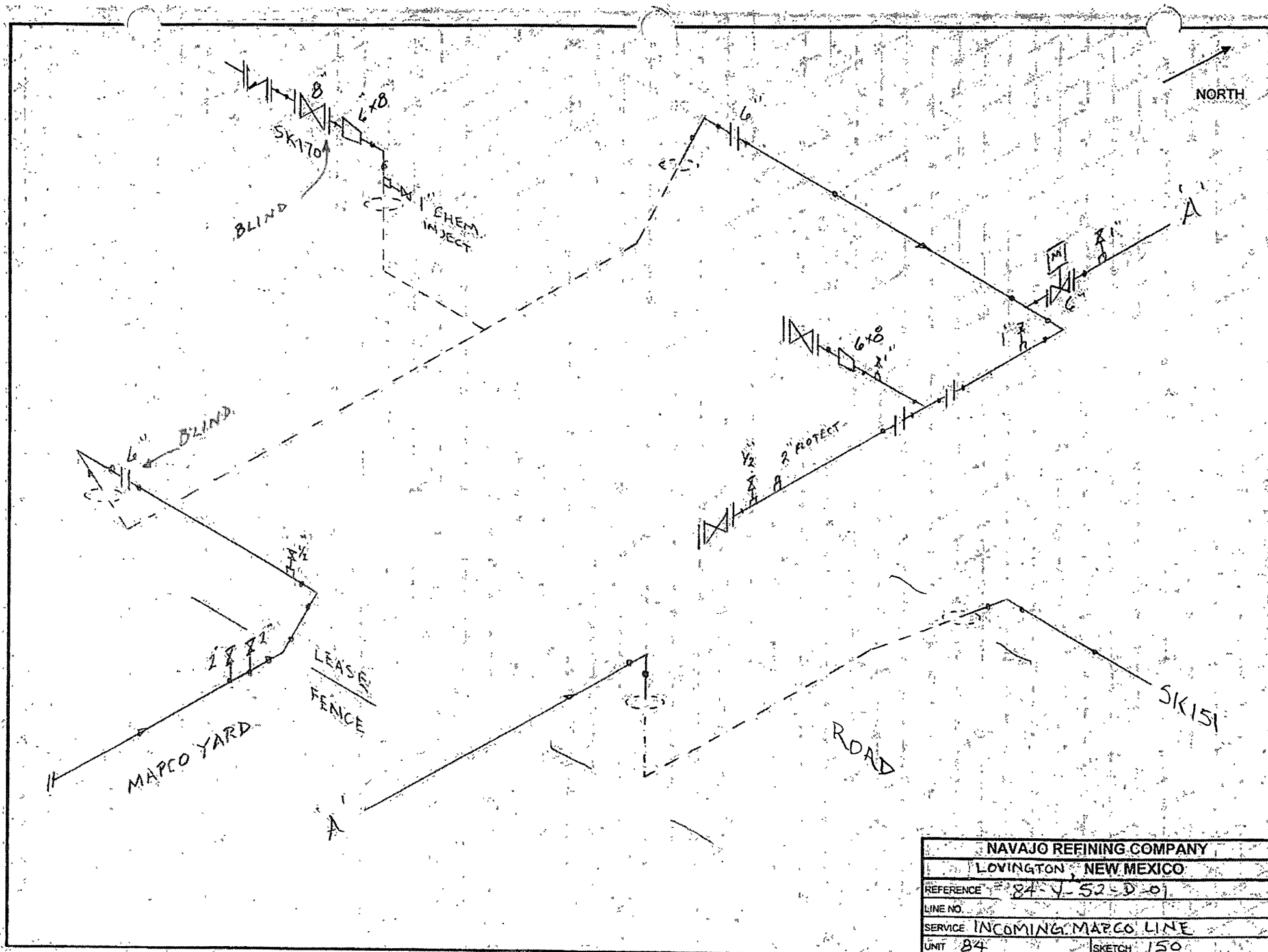


NAVAJO REFINING COMPANY	
LOVINGTON, NEW MEXICO	
REFERENCE 84-Y-51-D-07	
LINE NO.	
SERVICE NAPHTHA SUMP TO LIGHT SLOP	
UNIT 84	SKETCH 120



NAVAJO REFINING COMPANY	
LOVINGTON, NEW MEXICO	
REFERENCE	82-V-03-D-01
LINE NO.	10HC-1496-A-2-1
SERVICE CROUCH CRUDE TO 1201A TK	
UNIT	84
SKETCH	29





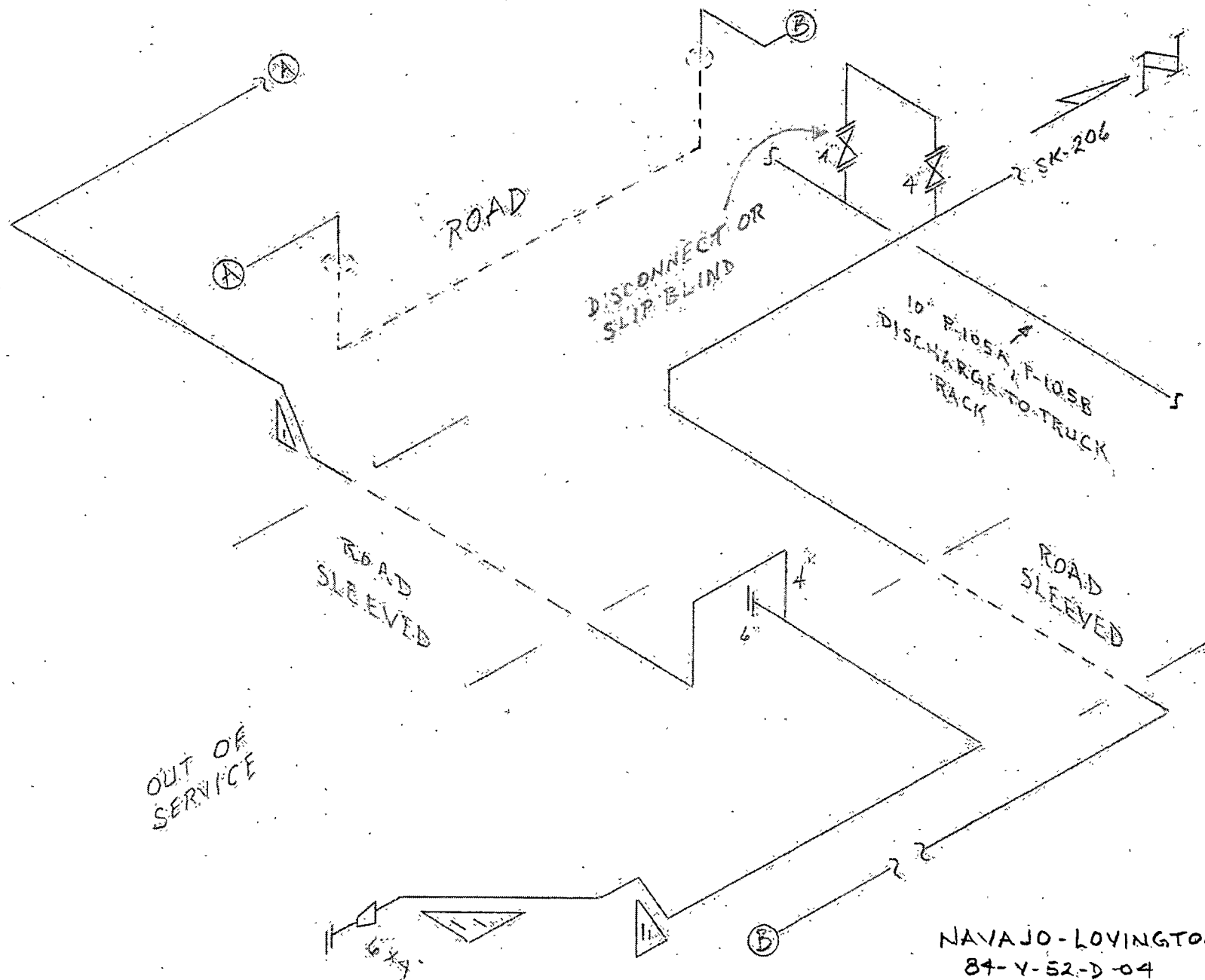
NAVAJO REFINING COMPANY	
LOVINGTON, NEW MEXICO	
REFERENCE 84-V-52-D-01	
LINE NO.	
SERVICE INCOMING MAPCO LINE	
UNIT 84	SKETCH 150

INSTALL
BLINDS

INSTALL
BLINDS

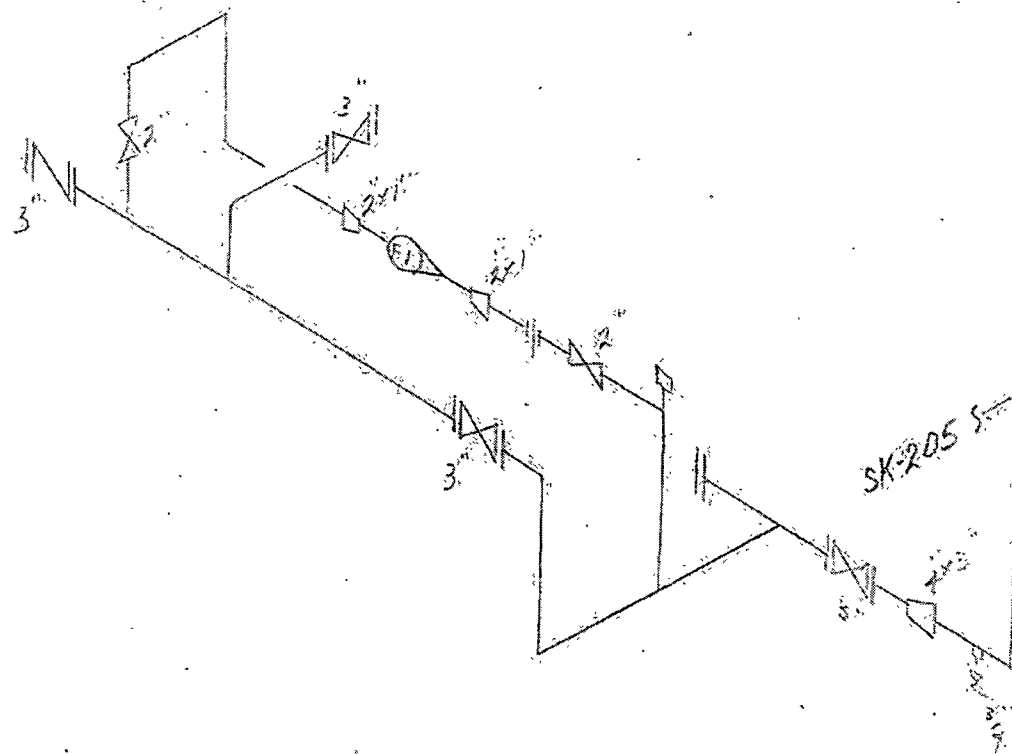
OUT OF SERVICE

NAVAJO REFINING COMPANY	
LOVINGTON, NEW MEXICO	
REFERENCE	84-V-52-07
LINE NO.	
SERVICE OLD TRUCK LOADING RACK	
UNIT	84
SKETCH	198



OUT OF
SERVICE

NAVAJO-LOVINGTON
84-Y-52-D-04
OLD 4" TO SOUTH STATION
UNIT 84 SK-205



OUT OF
SERVICE

NAVAJO-LOVINGTON
84-V-E2-D-04
OLD PIPING TO SOUTH STA.
UNIT 84 SK-206

Chavez, Carl J, EMNRD

From: Moore, Darrell [Darrell.Moore@hollycorp.com]
Sent: Friday, January 14, 2011 10:58 AM
To: Chavez, Carl J, EMNRD
Cc: Michael Leighton; VonGonten, Glenn, EMNRD; Lackey, Johnny
Subject: RE: Lea Sewer Testing (GW-014)
Attachments: Copy of LEASEWERTESTING.xls

Carl

The attached spreadsheet has the additions you requested.

From: Chavez, Carl J, EMNRD [<mailto:CarlJ.Chavez@state.nm.us>]
Sent: Friday, January 14, 2011 6:22 AM
To: Moore, Darrell
Cc: Michael Leighton; VonGonten, Glenn, EMNRD
Subject: RE: Lea Sewer Testing (GW-014)

Darrell:

Good morning.

Please use the last column "Comments/Repair Method" to describe the nature of the failure and include the details of the repair method to correct any failures. I notice for failures NRC uses the generic term "Made Repairs/Retest" and the agencies cannot determine the nature of the problem and verify that adequate repair were made. This should also be included in all line testing tables.

Please confirm that you acknowledge the above.

Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>
(Pollution Prevention Guidance is under "Publications")

From: Moore, Darrell [<mailto:Darrell.Moore@hollycorp.com>]
Sent: Tuesday, January 11, 2011 2:55 PM
To: Chavez, Carl J, EMNRD
Subject: Lea Sewer Testing

Carl

Attached are the results of the sewer testing at Lovington.

Darrell Moore
Environmental Manager for Water and Waste
Navajo Refining Company, LLC
Phone Number 575-746-5281

Cell Number 575-703-5058
Fax Number 575-746-5451

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NAVAJO REFINING COMPANY									
LOVINGTON REFINERY									
SEWER TESTING									
Note: Notify Darrell Moore so he can contact OCO's District Office and Santa Fe Office to witness testing (72 hrs notice required)									
UNIT #	DWG #	LINE BOX OR HUB #	TEST MEDIUM	TEST DATE	TEST METHOD	TESTED BY	TEST	PASS/FAIL	COMMENTS / REPAIR METHOD
83	PLOT PLAN	PSB#01 TO LPS#8809	WATER	5/22/2005	HYDRO	RODRIGO LIRA	PASS	PASS	
83	PLOT PLAN	PSB#01 TO LPS#8812 TO LML#8800	WATER	5/22/2005	HYDRO	RODRIGO LIRA	PASS	PASS	
83	PLOT PLAN	LML#8800 TO LPS#8813	WATER	5/22/2005	HYDRO	RODRIGO LIRA	PASS	PASS	
83	PLOT PLAN	LML#8800 TO LPS#8814	WATER	5/22/2005	HYDRO	RODRIGO LIRA	PASS	PASS	
83	PLOT PLAN	LML#8800 TO LPS#8811 TO LPS#8810	WATER	5/22/2005	HYDRO	RODRIGO LIRA	PASS	PASS	
83	PLOT PLAN	LML#8800 TO LPS#8802	WATER	5/22/2005	HYDRO	RODRIGO LIRA	PASS	PASS	REPLACED ENTIRE LINE/RETEST
83	PLOT PLAN	PSB#08 TO LML#8801 TO PSB #03	WATER	5/22/2005	HYDRO	RODRIGO LIRA	PASS	PASS	
83	PLOT PLAN	PSB#03 TO LML#8802	WATER	5/22/2005	HYDRO	RODRIGO LIRA	PASS	PASS	
83	PLOT PLAN	LPS#8815 TO PSB#05, 06, 07 TO LPS#8817 TO LPS#8816 TO PSB#08	WATER	7/2/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	PSB#03 TO LPS#8818 TO LPS#8819 TO PSB#09 TO PSB#10	WATER	7/2/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	LML#8802 TO PSB#04	WATER	7/11/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	PSB#04 TO LPS#8820 TO LPS#8821 TO PSB#12	WATER	7/11/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	LPS#8822 TO LML#8803	WATER	7/11/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	LML#8803 TO LPS#8823 TO LPS#8824 TO LPS#8825 TO LPS#8827 TO LPS#8826	WATER	7/19/2005	HYDRO	CLEY MONTE	FAIL	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	LML#8803 TO LPS#8823 TO LPS#8824	WATER	8/2/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	LML#8804 TO LPS#8825 TO LPS#8826	WATER	8/2/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	LML#8804 TO LPS#8825 TO LPS#8826	WATER	8/11/2005	HYDRO	CLEY MONTE	FAIL	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	LML#8804 TO LPS#8825 TO LPS#8826	WATER	8/20/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	LPS#8825 TO LPS#8831	WATER	8/21/2005	HYDRO	CLEY MONTE	FAIL	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	LPS#8825 TO LPS#8831	WATER	8/29/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	PSB#14 TO LPS#8833 TO LPS#8832 TO LPS#8834	WATER	10/15/2005	HYDRO	CLEY MONTE	FAIL	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	PSB#14 TO LPS#8833 TO LPS#8832 TO LPS#8834	WATER	10/19/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	LML#8805 TO LPS#8838 TO LPS#8839 TO LPS#8840	WATER	10/20/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	LML#8807 TO LPS#8791 TO LPS#8792	WATER	10/24/2005	HYDRO	CLEY MONTE	FAIL	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	LML#8806 TO LPS#8843	WATER	11/10/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	LML#8806 TO LPS#8843	WATER	11/10/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	PSB#17 TO LPS#8848 TO LPS#8849	WATER	11/21/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	LML#8807 TO LPS#8850 TO LPS#8790	WATER	11/24/2005	HYDRO	CLEY MONTE	FAIL	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	LML#8807 TO LPS#8850 TO LPS#8790	WATER	12/10/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	LML#8807 TO LPS#8893	WATER	12/14/2005	HYDRO	CLEY MONTE	FAIL	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	LML#8807 TO LPS#8893	WATER	12/20/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	LPS#8839 TO LPS#8841	WATER	12/22/2005	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	LML#8805 TO LPS#8838	WATER	1/6/2006	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	PSB#04 TO LML#8803 TO PSB#13 TO PSB#04 TO PSB#14 TO LML#8803 TO PSB#13 TO PSB#15	WATER	1/10/2006	HYDRO	CLEY MONTE	FAIL	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	PSB#04 TO LML#8803 TO PSB#13 TO PSB#04 TO PSB#14 TO LML#8803 TO PSB#13 TO PSB#15	WATER	1/13/2006	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	PSB#15 TO LML#8806 TO PSB#17	WATER	1/20/2006	HYDRO	CLEY MONTE	FAIL	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	PSB#15 TO LML#8806 TO PSB#17	WATER	2/2/2006	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	PSB#17 TO LML#8807 TO PSB#19	WATER	4/26/2006	HYDRO	CLEY MONTE	FAIL	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	PSB#17 TO LML#8807 TO PSB#19	WATER	4/29/2006	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	LML#8807 TO LPS#8894	WATER	4/30/2006	HYDRO	CLEY MONTE	PASS	PASS	
83	PLOT PLAN	PSB#01 TO LPS#8809	WATER	4/21/2010	HYDRO	GILES	PASS	PASS	
83	PLOT PLAN	LML#8800 - LPS#8811 - LPS#8812	WATER	4/21/2010	HYDRO	GILES	FAIL	FAIL	CRACKED PIPING
83	PLOT PLAN	LML#8800 - PSB#01 - PSB#02	WATER	4/29/2010	HYDRO	GILES	PASS	PASS	MADE REPAIRS/RETEST
83	PLOT PLAN	PSB#01 - PSB#02 - LPS#8812 - LML#8800	WATER	4/29/2010	HYDRO	GILES	PASS	PASS	
83	PLOT PLAN	LPS#8815 - LPS#8816 - LPS#8817 - PSB#06 - PSB#07 - PSB#08	WATER	5/6/2010	HYDRO	GILES	PASS	PASS	
83	PLOT PLAN	LPS#8814 - LML#8801 - PSB#02 - PSB#09	WATER	5/6/2010	HYDRO	GILES	FAIL	FAIL	GASKET LEAKS AND BROKEN PIPE BELL
83	PLOT PLAN	LPS#8816 - LPS#8817 - PSB#03 - PSB#09 - PSB#10	WATER	5/7/2010	HYDRO	GILES	PASS	PASS	MADE REPAIRS/RETEST
83	PLOT PLAN	LPS#8816 - LPS#8817 - PSB#03 - PSB#09 - PSB#10	WATER	5/13/2010	HYDRO	GILES	PASS	PASS	
83	PLOT PLAN	LPS#8820 - LPS#8821 - PSB#04 - PSB#11 - PSB#12	WATER	5/13/2010	HYDRO	GILES	PASS	PASS	
82	PLOT PLAN	LPS#8823 - LPS#8827	WATER	5/19/2010	HYDRO	GILES	PASS	PASS	
82	PLOT PLAN	LML#8803 - PSB#13 - PSB#14	WATER	5/19/2010	HYDRO	GILES	PASS	PASS	
82	PLOT PLAN	LML#8806 - PSB#15 - LML#8805 - PSB#14	WATER	5/19/2010	HYDRO	GILES	PASS	PASS	
82	PLOT PLAN	PSB#14 - LPS#8835 - LPS#8830 - LPS#8837 - PSB#16	WATER	9/16/2010	HYDRO	GILES	FAIL	FAIL	GASKETS LEAKING AND PIPE CRACKED
82	PLOT PLAN	PSB#14 - LPS#8835 - LPS#8830 - LPS#8837 - PSB#16	WATER	9/24/2010	HYDRO	GILES	PASS	PASS	MADE REPAIRS/RETEST
82	PLOT PLAN	LML#8806 - LPS#8844 - PSB#18	WATER	10/6/2010	HYDRO	GILES	FAIL	FAIL	GASKETS LEAKING
82	PLOT PLAN	LML#8806 - LPS#8844 - PSB#18	WATER	10/13/2010	HYDRO	GILES	PASS	PASS	MADE REPAIRS/RETEST
82	PLOT PLAN	LML#8806 - LPS#8848 - LPS#8849	WATER	10/6/2010	HYDRO	GILES	FAIL	FAIL	GASKETS AND PIPING IN BAD CONDITION
82	PLOT PLAN	LML#8806 - LPS#8848 - LPS#8849	WATER	10/13/2010	HYDRO	GILES	PASS	PASS	MADE REPAIRS/RETEST
82	PLOT PLAN	LML#8806 - LPS#8847	WATER	10/6/2010	HYDRO	GILES	FAIL	FAIL	GASKETS LEAKING
82	PLOT PLAN	LML#8806 - LPS#8847	WATER	10/13/2010	HYDRO	GILES	PASS	PASS	MADE REPAIRS/RETEST
82	PLOT PLAN	PSB#15 - LML#8806 - PSB#17	WATER	10/6/2010	HYDRO	GILES	PASS	PASS	
82	PLOT PLAN	LML#8806 - LPS#8842	WATER	10/6/2010	HYDRO	GILES	PASS	PASS	
86	PLOT PLAN	LML#8807 - LPS#8793	WATER	11/16/2010	HYDRO	GILES	FAIL	FAIL	GASKETS LEAKING AND PIPE CRACKED
86	PLOT PLAN	LML#8807 - LPS#8850 - LPS#8790	WATER	11/22/2010	HYDRO	GILES	PASS	PASS	MADE REPAIRS/RETEST
86	PLOT PLAN	LML#8807 - LPS#8850 - LPS#8790	WATER	11/16/2010	HYDRO	GILES	FAIL	FAIL	GASKETS LEAKING AND PIPE CRACKED
86	PLOT PLAN	LML#8807 - LPS#8850 - LPS#8790	WATER	12/13/2010	HYDRO	GILES	PASS	PASS	MADE REPAIRS/RETEST
86	PLOT PLAN	PSB#17 - PSB#19 - LML#8807 - LPS#8794	WATER	11/16/2010	HYDRO	GILES	PASS	PASS	

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Friday, January 14, 2011 6:22 AM
To: 'Moore, Darrell'
Cc: 'Michael Leighton'; VonGonten, Glenn, EMNRD
Subject: RE: Lea Sewer Testing (GW-014)

Darrell:

Good morning.

Please use the last column "Comments/Repair Method" to describe the nature of the failure and include the details of the repair method to correct any failures. I notice for failures NRC uses the generic term "Made Repairs/Retest" and the agencies cannot determine the nature of the problem and verify that adequate repair were made. This should also be included in all line testing tables.

Please confirm that you acknowledge the above.

Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>
(Pollution Prevention Guidance is under "Publications")

From: Moore, Darrell [<mailto:Darrell.Moore@hollycorp.com>]
Sent: Tuesday, January 11, 2011 2:55 PM
To: Chavez, Carl J, EMNRD
Subject: Lea Sewer Testing

Carl

Attached are the results of the sewer testing at Lovington.

Darrell Moore
Environmental Manager for Water and Waste
Navajo Refining Company, LLC
Phone Number 575-746-5281
Cell Number 575-703-5058
Fax Number 575-746-5451

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**NAVAJO REFINING COMPANY
LOVINGTON REFINERY
SEWER TESTING**

Note: Notify Darrell Moore so he can contact OCD's District Office and Santa Fe Office to witness testing (72 hrs notice required)

[illegible]

[illegible]

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Tuesday, December 07, 2010 4:59 PM
To: 'Moore, Darrell'; 'Lackey, Johnny'
Cc: VonGonten, Glenn, EMNRD
Subject: RE: Lovington Permit Response

Darrell:

Good afternoon.

Please submit the information for OCD section and records highlighted in blue below by December 15, 2010 for OCD records.

Section 13A: The submittal of all underground process/waste water lines documentation, since the permit was issued is requested. Attached and labeled "Lovington Underground Line Tests" is the documentation for process lines. Also attached, labeled "Lea Sewer Testing" is the documentation for the sewer testing done this permit. We are currently testing lines at Lovington and those results will be available by December 1, 2010 if OCD would like to see those.

Also, does Navajo Refining Company (NRC) wish to submit and reference facility monitoring by "Facility-Wide Ground Water Monitoring Plan- FWGWMP" similar to the Artesia Refinery? Please inform the OCD by December 15, 2010 on this item. The OCD is currently reviewing the investigation report that was submitted after the 10/6 meeting in Santa Fe. The FWGWMP may allow NRC the opportunity to propose a monitoring program for the facility based on the investigation. OCD will likely need to assess the monitoring program for the facility as part of its review of the final report submitted by NRC.

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/oed/index.htm>
(Pollution Prevention Guidance is under "Publications")

From: Moore, Darrell [<mailto:Darrell.Moore@hollycorp.com>]
Sent: Wednesday, November 10, 2010 9:12 AM
To: Chavez, Carl J, EMNRD
Cc: Lackey, Johnny; mleighton@lovington.org
Subject: Lovington Permit Response

Carl,

Our submittal to your requests from our meeting of October 6, 2010 is included. I have broken down the requests into the two Discharge Permits GW-014 and GW-028 and will address them in two separate emails. In your email of October 12, 2010 there are some misunderstandings regarding the two permits and I will point those out below.

NAVAJO LOVINGTON REFINERY REQUESTS

The operator installed new hazardous waste storage area at the facility that was not required under the discharge permit. Since this area could be used to temporarily store oilfield products, etc, please provide location and photo(s) of this storage area. Attached above, labeled "Lovington Waste Pad" is a photo of the pad. Also, on the attachment above labeled "Lovington Aerial" the waste pad is labeled.

Installed cement containment areas approved by the OCD to control releases from areas where spills would most likely be expected. Provide OCD with map of location and photos. Attached above, labeled "Cement pad_lovington" is a photo of the new cement area. Also, on the aerial of Lovington, the cement pad is marked.

Status of sanitary effluent: Installed recent septic systems under NMED permit at facility. Provide OCD with documentation that work was completed with tank specs and materials used, etc. In the attachment above labeled "Lovington Septic Systems", all the documentation from this project is included.

Section 13A: The submittal of all underground process/waste water lines documentation, since the permit was issued is requested. Attached and labeled "Lovington Underground Line Tests" is the documentation for process lines. Also attached, labeled "Lea Sewer Testing" is the documentation for the sewer testing done this permit. We are currently testing lines at Lovington and those results will be available by December 1, 2010 if OCD would like to see those.

Section 14 & 17(iii): Septic system upgrade status and proof of permit application from NMED for control room septic system installed 6 or 9/2009 is requested. According to Operator, this information has already been provided, but OCD could not locate. OCD does not have a record of this in its files. Please submit proof of permit application with NMED. This was answered above.

OCD requests that the map be updated for the final report to include: new tanks, secondary containment areas, hazardous waste storage area, and centralized chemical storage area(s). This will be updated in the report that is due November 15, 2010.

Section 24: The financial assurance (FA) deadline of 9/30/2009 was missed. OCD verified that the FA was for facility decommissioning and 30 year post ground water monitoring period. OCD requires that similar to the Lovington Refinery, the operator shall submit an FA estimate to the OCD by December 31, 2010 for OCD review and a determination of final bond amount to satisfy this section of the permit. A bond submittal shall be submitted within 1 month of the OCD final assessed amount. We believe this is for the Artesia facility and is not applicable to Lovington. The Lovington FA has been submitted to OCD.

OCD inquired about two potential spill locations from a recent Google Earth GIS view of the facility near Tank 1214 and southeast of MW-2. OCD Requests that the operator inspect these areas to verify that spills/releases exist or are not present in the field. The operator should respond to this item within 4 weeks of the meeting date or by COB on November 5, 2010. On November 3, 2010, Johnny Lackey and Darrell Moore inspected both of these locations and verified that there are no spills in these areas.

Darrell Moore
Environmental Manager for Water and Waste
Navajo Refining Company, LLC
Phone Number 575-746-5281
Cell Number 575-703-5058

Fax Number 575-746-5451

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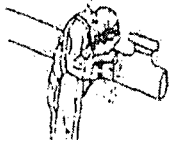
NAVAJO REFINING COMPANY
LOVINGTON REFINERY
SEWER TESTING

Note: Notify Darrell Moore so he can contact OCD's District Office and Santa Fe Office to witness testing (72 hrs notice required)

UNIT #	DWG #	LINE, BOX OR HUB #	TEST MEDIUM	TEST DATE	TEST METHOD	TESTED BY	TEST PASS/FAIL	COMMENTS / REPAIR METHOD
83	PLOT PLAN	PSB#01 TO LPS#8809	WATER	5/23/2005	HYDRO	RODRIGO, LIRA	PASS	
83	PLOT PLAN	PSB#01 TO PSB#02 TO LPS#8812 TO LML#8800	WATER	5/26/2005	HYDRO	RODRIGO, LIRA	PASS	
83	PLOT PLAN	LML#8800 TO LPS#8813	WATER	6/3/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	LML#8804 TO PSB#05	WATER	6/7/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	LML#8800 TO LPS#8811 TO LPS#8810	WATER	6/9/2005	HYDRO	CLEY MONTES	FAIL	REPLACED ENTIRE LINE/RETEST
83	PLOT PLAN	LML#8800 TO LPS#8811 TO LPS#8810	WATER	6/10/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	PSB#02	WATER	6/24/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	PSB#08 TO LML#8801 TO PSB #03	WATER	6/28/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	PSB#03 TO LML#8802	WATER	6/30/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	LPS#8815 TO PSB#05, 06, 07 TO LPS#8817 TO LPS#8816 TO PSB#08	WATER	7/3/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	PSB#03 TO LPS#8818 TO LPS#8819 TO PSB#09 TO PSB#10	WATER	7/8/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	LML#8802 TO PSB#04	WATER	7/11/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	PSB#04 TO LPS#8820 TO PSB#11 TO LPS#8821 TO PSB#12	WATER	7/13/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	LPS#8822 TO LML#8803	WATER	7/15/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	LML#8803 TO LPS#8823 TO LPS#8824 TO LPS#8825 TO LPS#8827 TO LPS#8826	WATER	7/19/2005	HYDRO	CLEY MONTES	FAIL	
83	PLOT PLAN	LML#8803 TO LPS#8823 TO LPS#8824 TO LPS#8825 TO LPS#8827 TO LPS#8826	WATER	8/2/2005	HYDRO	CLEY MONTES	PASS	MADE REPAIRS/RETEST
83	PLOT PLAN	LML#8804 TO LPS#8828	WATER	8/8/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	LML#8804 TO LPS#8829 TO LPS#8825 TO LPS#8830	WATER	8/11/2005	HYDRO	CLEY MONTES	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	LML#8804 TO LPS#8829 TO LPS#8825 TO LPS#8830	WATER	8/20/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	LPS#8825 TO LPS#8831	WATER	8/21/2005	HYDRO	CLEY MONTES	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	LPS#8825 TO LPS#8831	WATER	8/29/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	PSB#14 TO LPS#8833 TO LPS#8832 TO LPS#8834	WATER	10/15/2005	HYDRO	CLEY MONTES	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	PSB#14 TO LPS#8833 TO LPS#8832 TO LPS#8834	WATER	10/19/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	LML#8805 TO LPS#8838 TO LPS#8839 TO LPS#8840	WATER	10/20/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	LML#8807 TO LPS#8791 TO LPS#8792	WATER	10/24/2005	HYDRO	CLEY MONTES	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	LML#8807 TO LPS#8791 TO LPS#8792	WATER	10/30/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	LML#8806 TO LPS#8843	WATER	11/10/2005	HYDRO	CLEY MONTES	PASS	MADE REPAIRS/RETEST
83	PLOT PLAN	LML#8806 TO LPS#8847	WATER	11/17/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	PSB#17 TO LPS#8848 TO LPS#8849	WATER	11/21/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	LML#8807 TO LPS#8850 TO LPS#8790	WATER	12/28/2005	HYDRO	CLEY MONTES	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	LML#8807 TO LPS#8850 TO LPS#8790	WATER	12/10/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	LML#8807 TO LPS#8893	WATER	12/14/2005	HYDRO	CLEY MONTES	FAIL	MADE REPAIRS/RETEST
83	PLOT PLAN	LML#8807 TO LPS#8893	WATER	12/20/2005	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	LPS#8839 TO LPS#8841	WATER	12/28/2005	HYDRO	CLEY MONTES	PASS	MADE REPAIRS/RETEST
83	PLOT PLAN	LML#8805 TO LPS#8838	WATER	1/6/2006	HYDRO	CLEY MONTES	PASS	
83	PLOT PLAN	PSB#04 TO LML#8803 TO PSB#13 TO PSB#04 TO PSB#14 TO LML#8805 TO PSB#15	WATER	1/10/2006	HYDRO	CLEY MONTES	FAIL	

[illegible]

Hydrostatic Test Data Sheet



R. Florez Welding
P.O. Box 5221(88221)
301 W. Wood Ave.
Carlsbad, NM 88220
Phone/Fax 505-885-6345

Client: NAVARO Refining
Date: 6-25-10
Location: LEA
Project: _____
P.O. #: _____

Drawing #: 113
Line #: WASTE WATER 1209B TK To 1201 DTK
ISO #: _____
Equipment #: _____
Vessel #: _____
Design Press.: _____
Design Temp.: _____
Meter Type: _____
Type of Pressure _____
Equipment: Ice Hydrcant Head pressure
Dead Weights Type: _____
Pressure Gauge _____
Cert./Date: 21583 6/22/11

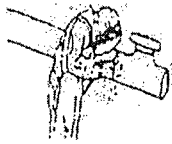
Test Date: 6-25-10
Test Time Start: 1:20 PM
Test Time End: 2:20 PM
Test Medium: WATER
Pressure Min.: 55
Ambient Temp.: _____
Pressure Max: 55
Actual Test Press.: 55
Actual Temp.: _____
Spec. Ref.: _____
Type of Substance: WATER
Pressure Gauge S.N.: _____

Test Completed and Accepted By:		
R. Florez Welding Testing Rep.: <u>[Signature]</u>	Date: <u>6/25/10</u>	Remarks: _____
Client Rep.: <u>Wayne [Signature]</u>	Date: <u>6-25-10</u>	Remarks: _____
Operation Rep.: <u>[Signature]</u>	Date: <u>6/25/2010</u>	Remarks: _____
Inspection Rep.: _____	Date: _____	Remarks: _____

Special Notes: OPERATING PRESS 35 Test PRESS 55

86-V02-D-03 84-V52-D-06

Hydrostatic Test Data Sheet



R. Florez Welding
P.O. Box 5221(88221)
301 W. Wood Ave.
Carlsbad, NM 88220
Phone/Fax 505-885-6345

Client: Navajo Refining
Date: 7-6-10
Location: Lawington NM
Project: _____
P.O. #: _____

Drawing #: 111/112
Line #: 111-86-V-02-D-03
ISO #: _____
Equipment #: _____
Vessel #: _____
Design Press.: _____
Design Temp.: _____
Meter Type: _____
Type of Pressure _____
Equipment: Fire Hydrant Head pressure
Dead Weights Type: _____
Pressure Gauge _____
Cert./Date: 6-22-11

Test Date: 7-6-10
Test Time Start: 1:40 PM.
Test Time End: _____
Test Medium: Water
Pressure Min.: 30
Ambient Temp.: _____
Pressure Max.: 30
Actual Test Press.: 30
Actual Temp.: _____
Spec. Ref.: _____
Type of Substance: Water
Pressure Gauge S.N.: 21583

Test Completed and Accepted By:		
R. Florez Welding Testing Rep.: <u>[Signature]</u>	Date: <u>7-6-10</u>	Remarks: _____
Client Rep.: <u>[Signature]</u>	Date: <u>7-6-10</u>	Remarks: _____
Operation Rep.: <u>[Signature]</u>	Date: <u>7-6-10</u>	Remarks: _____
Inspection Rep.: _____	Date: _____	Remarks: _____

Special Notes: Operating pressure at 20 PSI.
placed slip blinds in all valves

NORTH

NOTE: NO
BLEEDER
VALVES

1 1/2" SKILLET
TEST BLIND
1 Test Blind

LAST
UNIT

TEST BLIND

FENCE

ROAD
Test #2

Test #1

NAVAJO REFINING COMPANY

LOVINGTON, NEW MEXICO

REFERENCE 82-N-03-D-01

LINE NO. AHC-148-N-A2-1

SERVICE CRUDE TRUCK UNLOADING

UNIT 84

No. 1242 8 1/2" x 11" 35" 16' ISOMETRIC

ALVIN

Hydrostatic Test Data Sheet



R. Florez Welding
P.O. Box 5221(88221)
301 W. Wood Ave.
Carlsbad, NM 88220
Phone/Fax 505-885-6345

Client: NAVAJO Refining Lea.
Date: 6-23-10
Location: Livingston
Project: _____
P.O. #: _____

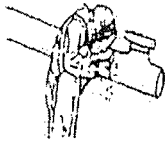
Drawing #: 110
Line #: 4-HC-1498-N-A2-1
ISO #: _____
Equipment #: _____
Vessel #: _____
Design Press.: _____
Design Temp.: _____
Meter Type: _____
Type of Pressure _____
Equipment: Fire Hydrant Head pressure
Dead Weights Type: _____
Pressure Gauge _____
Cert./Date: 9833574

Test Date: 6-23-10
Test Time Start: 10:50 AM
Test Time End: 11:55 AM
Test Medium: Water
Pressure Min.: 70 PSI
Ambient Temp.: _____
Pressure Max.: 70 PSI
Actual Test Press.: _____
Actual Temp.: _____
Spec. Ref.: _____
Type of Substance: Water
Pressure Gauge S.N.: _____

Test Completed and Accepted By:		
R. Florez Welding Testing Rep.: <u>[Signature]</u>	Date: <u>6-23-10</u>	Remarks: _____
Client Rep: <u>[Signature]</u>	Date: <u>6-23-10</u>	Remarks: _____
Operation Rep: <u>[Signature]</u>	Date: <u>6-23-10</u>	Remarks: _____
Inspection Rep.: _____	Date: _____	Remarks: _____

Special Notes: operating pressure AT 45 PSI Test #2

Hydrostatic Test Data Sheet



R. Florez Welding
P.O. Box 5221(88221)
301 W. Wood Ave.
Carlsbad, NM 88220
Phone/Fax 505-885-6345

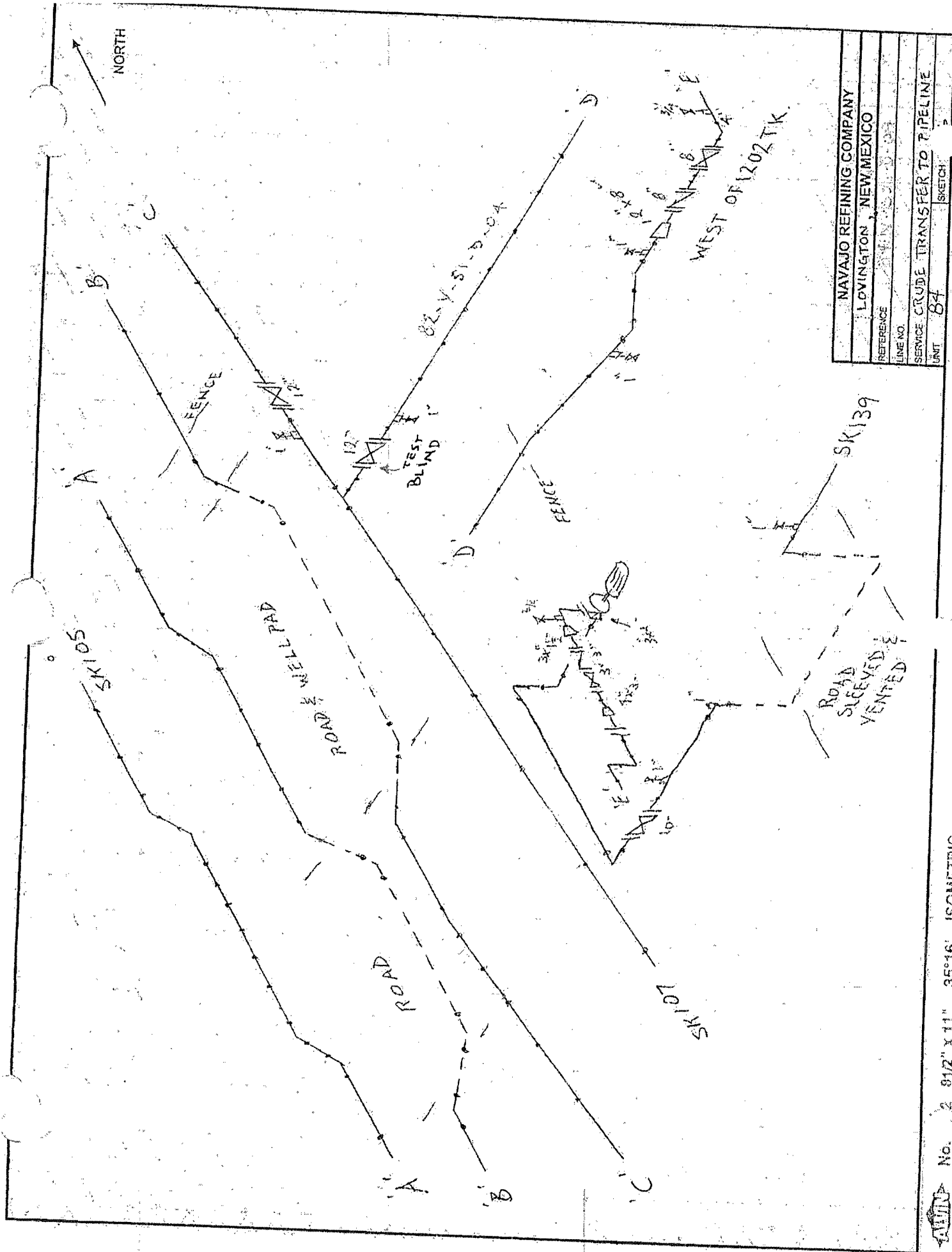
Client: NAVAJO Refining, L.P.
Date: 6-22-10
Location: Lovington
Project: _____
P.O. #: _____

Drawing #: 110
Line #: 4-HC-1478-N-A2-1
ISO #: _____
Equipment #: _____
Vessel #: _____
Design Press.: _____
Design Temp.: _____
Meter Type: _____
Type of Pressure _____
Equipment: Baker Pump
Dead Weights Type: _____
Pressure Gauge _____
Cert./Date: 9833574

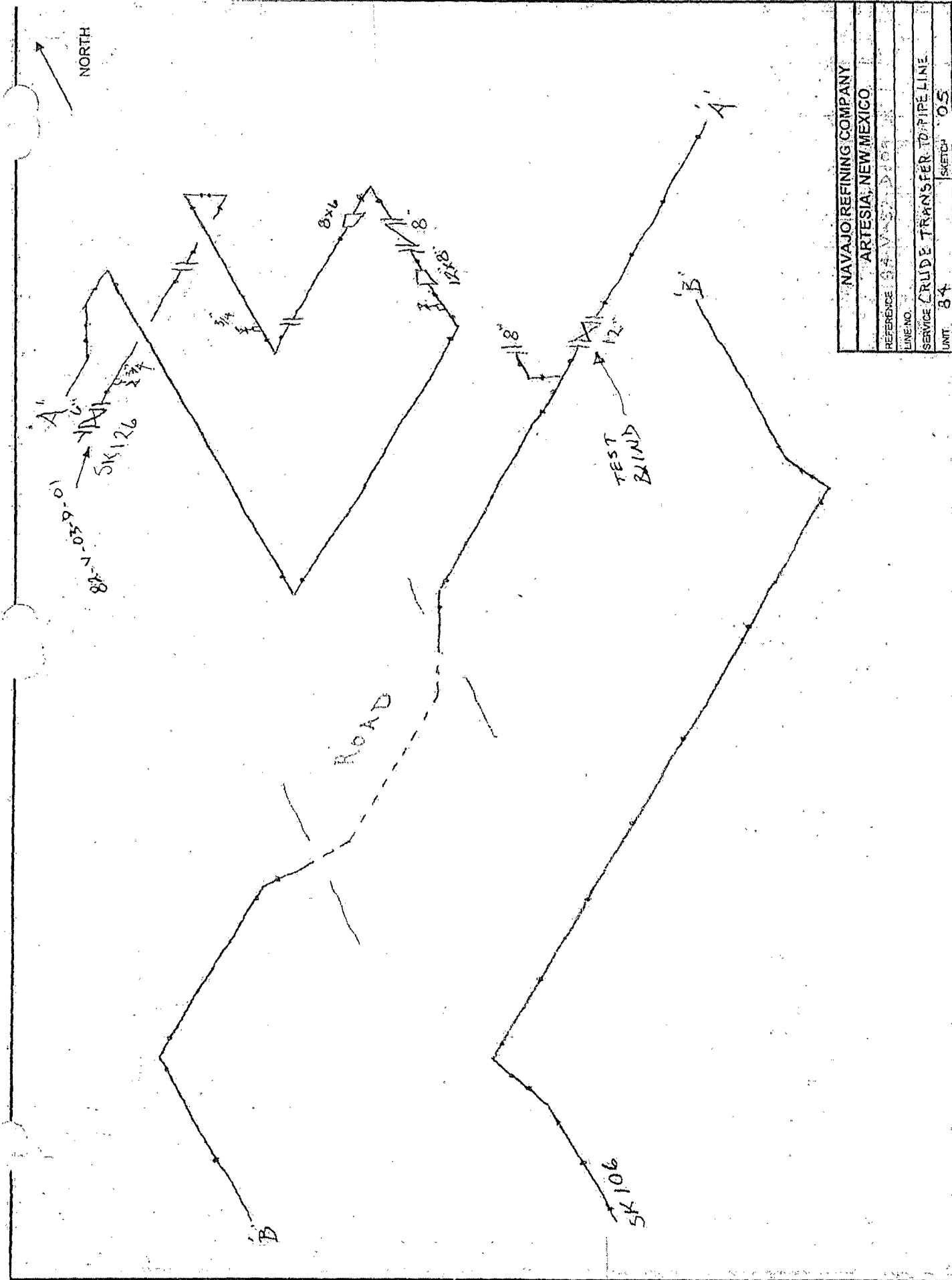
Test Date: 6-22-10
Test Time Start: 12:00 PM
Test Time End: 1:15 PM
Test Medium: water
Pressure Min.: 70 PSI
Ambient Temp.: _____
Pressure Max.: _____
Actual Test Press.: 70 PSI
Actual Temp.: _____
Spec. Ref.: _____
Type of Substance: water
Pressure Gauge S.N.: _____

Test Completed and Accepted By:		
R. Florez Welding Testing Rep.: <u>[Signature]</u>	Date: <u>6-22-10</u>	Remarks: _____
Client Rep.: <u>[Signature]</u>	Date: <u>6-22-10</u>	Remarks: _____
Operation Rep.: <u>[Signature]</u>	Date: <u>6-22-10</u>	Remarks: _____
Inspection Rep.: _____	Date: _____	Remarks: _____

Special Notes: Operating pressure at 45 PSI Test #1



NAVAJO REFINING COMPANY
LOVINGTON, NEW MEXICO
REFERENCE
LINE NO.
SERVICE CRUDE TRANSFER TO PIPELINE
UNIT 84
SKETCH



NAVAJO REFINING COMPANY
ARTESIA, NEW MEXICO
REFERENCE 84-V-30-8-01
LINE NO.
SERVICE CRUDE TRANSFER TO PIPE LINE
UNIT 84
SKETCH 05



Test Acceptance Form

SK-105-108

Project: _____ Work Authorization: _____
 Test Package _____ Unit _____ Date 10-4-10
 Line # 17-NC-8353-N-A2-1 3 Branch Blind Line Spec _____

NDE Requirements

Hydro

Craft Insp

DLR SR

Pre Hydro Requirements

Craft Insp

Medium Water Actual Pressure 450 Date 10-4-10
 Pressure 450 Pressure Drop 0-3 Gauge # 21590
 Temp AMB Start Time 16:10 End Time 16:20

Hydro Punch List:

* Leak present on test face seals welds good.

Test Accepted

Craft

Dwight L. Davis

Date

10-4-10

Inspection

SR 9/16/10

Date

10-4-10

Item Released

Craft Insp

SR

Pre Com Punch List:

Item Released

Craft Insp

Check List

- High and Low point bleeders are plugged (and/or) blinded
- Correct gaskets are installed
- Correct bolts are installed and have been checked for tightness
- All isolation points have been restored for service
- All supports, guides, and stops are installed
- Insulation and tracing are installed
- All valves are positioned for service
- Nozzle stress from piping has been checked

Craft	Inspection	Operations
<u>DLR</u>		
<u>DLR</u>		
<u>DLR</u>		

Commission Accepted

* Note: No piping will be released to service until these Signatures have been obtained.

Craft

Dwight L. Davis

Date

10-4-10

Inspection

SR 9/16/10

Date

10-22-10

Operations

Date



Test Acceptance Form

SK-105-108

Project: 3" 150 Valve for CRUDE line Work Authorization: _____
Test Package _____ Unit 84-V-52-D-09 Date 10-18-10
Line # 12"-HC-8353-N-A2-1 Line Spec _____

NDE Requirements

Hydro 3" Valve not included in original Craft JC Insp SK
Hydro

Pre Hydro Requirements

Craft JC Insp SK

Medium WATER Actual Pressure 445 Date 10-18-10
Pressure 425 Pressure Drop +20 Gauge # 21590
Temp AMB Start Time 10:45 End Time 11:15

Hydro Punch List:

Item Released

Craft JC Insp SK

Test Accepted

Craft

Inspection

Date

Date

Pre Com Punch List:

Item Released

Craft Insp

Check List

- High and Low point bleeders are plugged (and/or) blinded
- Correct gaskets are installed
- Correct bolts are installed and have been checked for tightness
- All isolation points have been restored for service
- All supports, guides, and stops are installed
- Insulation and tracing are installed
- All valves are positioned for service
- Nozzle stress from piping has been checked

Craft	Inspection	Operations
<u>D.L.D.</u>		
<u>D.L.D.</u>		
<u>D.L.D.</u>		
<u>D.L.D.</u>		
<u>D.L.D.</u>		
<u>D.L.D.</u>		
<u>D.L.D.</u>		
<u>D.L.D.</u>		

Commission Accepted

* Note: No piping will be released to service until these Signatures have been obtained.

Craft D. L. D. Date 10-18-10
Inspection SK Date 10-22-10
Operations _____ Date _____



Test Acceptance Form

SK-105-108

Project: CRODe Transfer To pipeline Work Authorization: _____
Test Package _____ Unit 84-V52-D-09 Date 10-1-10
Line # 12-HC 8353-N-A2-1 Line Spec _____

NDE Requirements

Hydro _____ Craft ALD Insp SK

Pre Hydro Requirements

_____ Craft _____ Insp _____

Medium WATER Actual Pressure 390 Date 10-1-10
Pressure 390 Pressure Drop 0 Gauge # 21590
Temp AMB Start Time 11:00 AM End Time 12:00

Hydro Punch List:

Item Released

Craft Insp

ALD

Test Accepted

Craft

Inspection

Richard L. Hernandez
SK

Date

10-1-10

Date

10-22-10

Pre Com Punch List:

Item Released

Craft Insp

- High and Low point bleeders are plugged (and/or) blinded
- Correct gaskets are installed
- Correct bolts are installed and have been checked for tightness
- All isolation points have been restored for service
- All supports, guides, and stops are installed
- Insulation and tracing are installed
- All valves are positioned for service
- Nozzle stress from piping has been checked

Check List

Craft	Inspection	Operations
<u>ALD</u>	<u>SK</u>	<u>ALD</u>
<u>ALD</u>	<u>SK</u>	<u>ALD</u>
<u>ALD</u>	<u>SK</u>	<u>ALD</u>
<u>ALD</u>	<u>SK</u>	<u>ALD</u>
<u>ALD</u>	<u>SK</u>	<u>ALD</u>
<u>ALD</u>	<u>SK</u>	<u>ALD</u>
<u>ALD</u>	<u>SK</u>	<u>ALD</u>
<u>ALD</u>	<u>SK</u>	<u>ALD</u>
<u>ALD</u>	<u>SK</u>	<u>ALD</u>

Commission Accepted

* Note: No piping will be released to service until these Signatures have been obtained.

Craft

Inspection

Operations

Richard L. Hernandez
SK
Richard L. Hernandez

Date

10-1-10

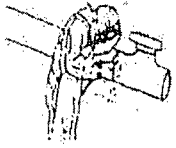
Date

10-22-10

Date

10-22-10

Hydrostatic Test Data Sheet



R. Florez Welding
P.O. Box 5221(88221)
301 W. Wood Ave.
Carlsbad, NM 88220
Phone/Fax 505-885-6345

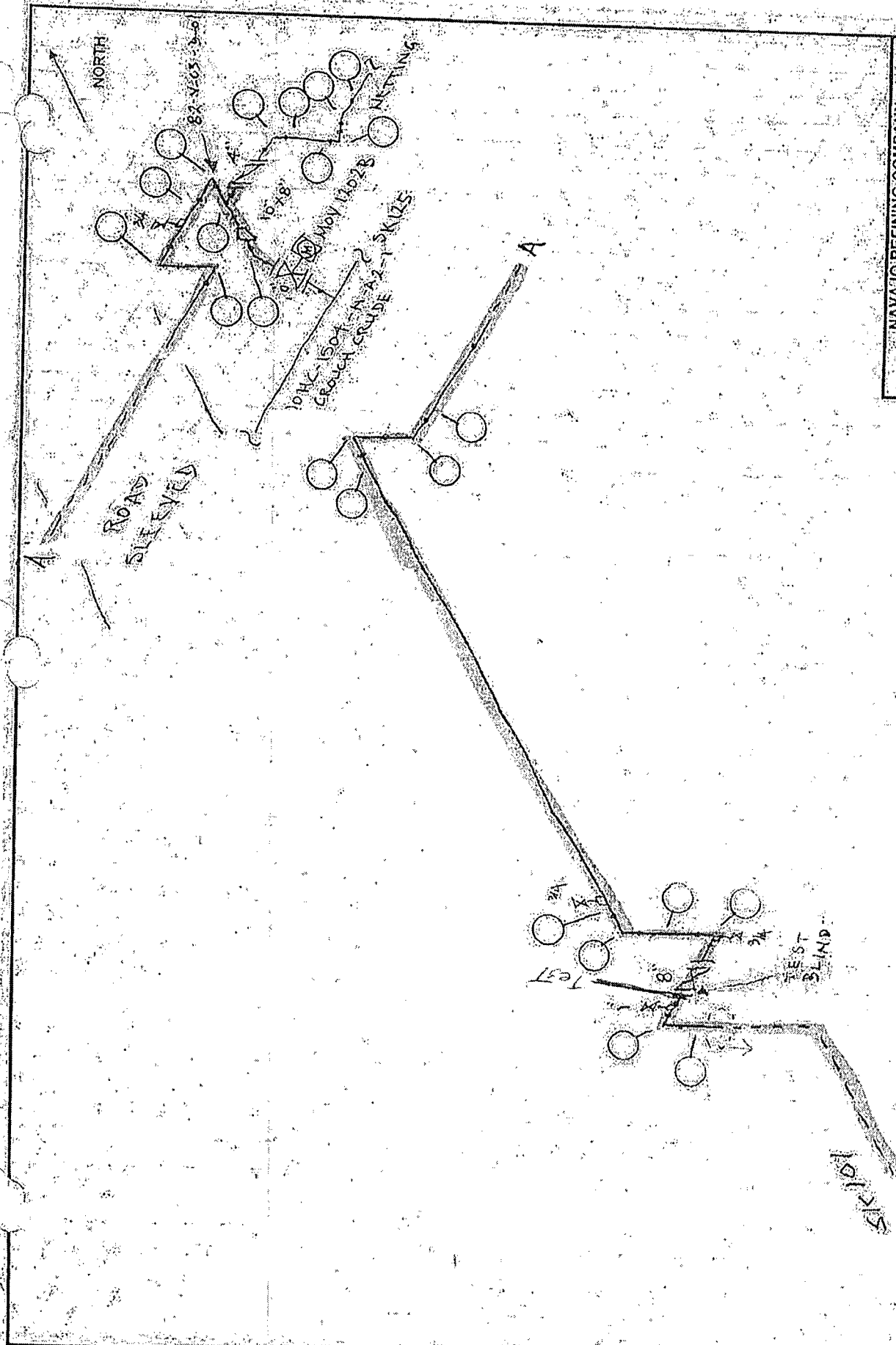
Client: NAVAJO Refining
Date: 7-12-10
Location: Lovington LER
Project: _____
P.O. #: _____

Drawing # 9K 102
Line #: HOBBS CRUDE STATION R.V.
ISO #: _____
Equipment #: _____
Vessel #: _____
Design Press.: _____
Design Temp.: _____
Meter Type: _____
Type of Pressure _____
Equipment: FIRE HYDRONT HEADPRESSURE
Dead Weights Type: _____
Pressure Gauge _____
Cert./Date: 6-22-11

Test Date: 7-12-10
Test Time Start: 1:00 pm
Test Time End: 2:00 pm
Test Medium: WATER
Pressure Min.: 80 psi
Ambient Temp.: _____
Pressure Max: 80 psi
Actual Test Press.: _____
Actual Temp.: _____
Spec. Ref.: _____
Type of Substance: WATER
Pressure Gauge S.N.: 21583

Test Completed and Accepted By:		
R. Florez Welding Testing Rep.: <u>Dumpe L. Rana</u>	Date: <u>7-12-10</u>	Remarks: _____
Client Rep.: <u>Wayne</u>	Date: <u>7-12-10</u>	Remarks: _____
Operation Rep.: _____	Date: _____	Remarks: _____
Inspection Rep.: _____	Date: _____	Remarks: _____

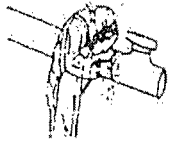
Special Notes: HOBBS CRUDE STATION R.V. operating pressure AT 54 psi
TEST AT 80 psi TOOK OUT PRODUCT PUT IN ONE 8" ISO SLIP BLIND AND
ONE 6" ISO SLIP BLIND AND HYDRO AT 80 PSI DRAIN WATER AND PULL
SLIP BLINDS AND GAVE BACK TO OPER.



NAVAJO REFINING COMPANY
ARTESIA, NEW MEXICO
REFERENCE 82-V-03-D-01
LINE NO.
SERVICE CRUDE TRANSFER
UNIT 84 SKETCH 100

DATE 10/10/82 BY 104C-1504-A-A2-1-SK125

Hydrostatic Test Data Sheet



R. Florez Welding
P.O. Box 5221(88221)
301 W. Wood Ave.
Carlsbad, NM 88220
Phone/Fax 505-885-6345

Client: Navajo Refining
Date: 6-24-10
Location: LEX
Project: _____
P.O. #: _____

Drawing #: 101
Line #: CRUDE TRANSFER
ISO #: _____
Equipment #: _____
Vessel #: _____
Design Press.: _____
Design Temp.: _____
Meter Type: _____
Type of Pressure _____
Equipment: _____
Dead Weights Type: _____
Pressure Gauge _____
Cert./Date: 9833 574

Test Date: 6-24-10
Test Time Start: 11:25 AM
Test Time End: 1:15 PM
Test Medium: Water
Pressure Min.: 70
Ambient Temp.: _____
Pressure Max.: 70
Actual Test Press.: _____
Actual Temp.: _____
Spec. Ref.: _____
Type of Substance: Water
Pressure Gauge S.N.: _____

Test Completed and Accepted By:		
R. Florez Welding Testing Rep. <u>[Signature]</u>	Date: <u>6/24/10</u>	Remarks: _____
Client Rep.: <u>[Signature]</u>	Date: <u>6-24-10</u>	Remarks: _____
Operation Rep.: <u>[Signature]</u>	Date: <u>6/24/2010</u>	Remarks: _____
Inspection Rep.: _____	Date: _____	Remarks: _____

Special Notes: Operating pressure 40 Test pressure 70
82-V-03-D-01

Lovington Plant Underground Line Testing

ACTIVE LINES

SKETCH #	SERVICE	OPERATING PRESSURE	TEST PRESSURE	TEST DATE	Comments
SK-100 - SK-101	Crude transfer	40#	70#	6/24/2010	
SK-102	Hobbs Crude R.V.	54#	80#	7/12/2010	
SK-105 - SK-108	Crude transfer to pipeline	260#	390#	10/1/2010	
SK-110	Crude truck	45#	70#	6/22/2010	
	Unloading	45#	70#	6/23/2010	
SK-111 - SK-112	Waste Water	20#	30#	7/6/2010	
	API to 1201C TK				
SK-113	Waste Water	35#	55#	6/25/2010	
	1209B TK to 1201D TK				
SK-114 - SK-115	Waste Water	55#	85#	6/29/2010	
	1201C TK to 1209B TK				
SK-117 - SK-118	Effluent Water to City	80#	181#	10/29/2010	
SK-120	Naptha Sump to Light Slop	35#	50#	6/23/2010	
SK-138	1205TK Suction	45#	425#	6/17/2010	New pipe was installed
SK-150	Incoming Mapco	120#	210#	8/9/2010	
SK-150	Incoming Mapco	450#	660#	8/5/2010	New pipe was installed
SK-157	101B TK to Boosters	35#	50#	7/1/2010	