

Branch Offices

9200 King Arthur Drive
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(214) 631-4372
(405) 237-3130
(504) 734-8378
(405) 353-0872

REPORT Chemical Laboratory Analysis Bulk Asbestos Methodology LABTRF EPA 600/M4-82-020
Client NEW ORLEANS Purchase Order # _____
Reported to NEW ORLEANS by Order of LARRY BRAUD
Sampled from SHELL OIL CLIENT Date 07/23/91
Shipped Via FEDERAL EXPRESS Received 08/01/91 Reported 08/05/91

Lab #	page 1 Identification	Date Time	Parameter	TEST RESULTS
0453	1. P001053 SK-001 1BS/SIRS/912 A01H SP.1 COLOR:WHITE	07/23/91	Asbestos	Positive. This sample contains approximately 50% Chrysotile Asbestos ,20% Fiberglass 25% Perlite
	2. P001053 SK-001 1BS/SIRS/913 A01J SP.2 COLOR:WHITE	07/23/91	Asbestos	Positive. This sample contains approximately 70% Chrysotile Asbestos ,25% Perlite
	3. P001053 SK-001 1BS/SIRS/914 A01K SP.3 COLOR:WHITE	07/23/91	Asbestos	Positive. This sample contains approximately 30% Chrysotile Asbestos ,30% Fiberglass 35% Perlite
	4. P001053 SK-001 1BS/SIRS/915 A01L SP.4 COLOR:WHITE	07/23/91	Asbestos	Positive. This sample contains approximately 30% Chrysotile Asbestos ,30% Fiberglass 35% Perlite
	5. P001053 SK-001 1BS/SIRS/916 A01M SP.5 COLOR:WHITE	07/23/91	Asbestos	Positive. This sample contains approximately 40% Chrysotile Asbestos ,20% Fiberglass 35% Perlite

NOR-015724

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES IDENTIFIED AND TO THE SAMPLE(S) TESTED. THE TEST RESULTS ARE NOT NECESSARILY INDICATIVE OR REPRESENTATIVE OF THE QUALITIES OF THE LOT FROM WHICH THE SAMPLE WAS TAKEN OR OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS. NOR DO THEY REPRESENT AN ON GOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE RENDERED UPON THE CONDITION THAT THEY WILL NOT BE REPRODUCED WHOLLY OR IN PART FOR ADVERTISING OR OTHER PURPOSES OVER OUR SIGNATURE OR IN CONNECTION WITH OUR NAME WITHOUT SPECIAL WRITTEN PERMISSION. SAMPLES NOT DESTROYED (TESTING ARE RETAINED A MAXIMUM OF THIRTY DAYS).

Charge:
J. & NEW ORLEANS
2/CLIENT
2/LAB
1/N.O.
Analyst: JOE MELTON



Respectfully Submitted

(Original Signed By)

[Signature]

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LABTRF

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Lab #	page 2 Identification	Date Time	Parameter	TEST RESULTS
0453	6. P001053 SK-001 1BS/SIRS/917 A01N SP.6 COLOR:WHITE	07/23/91	Asbestos	None detected. This sample contains approx. 40% Fiberglass, 55% Perlite
	7. P001053 SK-001 1BS/SIRS/918 A010 SP.7 COLOR:WHITE	07/23/91	Asbestos	None detected. This sample contains approx. 20% Fiberglass, 75% Perlite
	8. P001053 SK-001 1BS/SIRS/919 A01P SP.8 COLOR:WHITE	07/23/91	Asbestos	Positive. This sample contains approximately 30% Chrysotile Asbestos, 30% Fiberglass 35% Perlite
	9. P001053 SK-001 1BS/SIRS/920 A010 SP.9 COLOR:WHITE	07/23/91	Asbestos	Positive. This sample contains approximately 20% Chrysotile Asbestos, 20% Fiberglass 55% Perlite
	10. P001053 SK-001 1BS/SIRS/921 A01R SP.10 COLOR:WHITE	07/23/91	Asbestos	Positive. This sample contains approximately 20% Chrysotile Asbestos, 20% Fiberglass 55% Perlite

NOR-015725

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& NEW ORLEANS
2/CLIENT
2/LAB
1/N.O.

Analyst: JOE MELTON



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(Original Signed By)

[Signature]

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Bulk Asbestos _____ EPA 600/M4-82-020

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Lab #	page 3 Identification	Date Time	Parameter	TEST RESULTS
0453	11. P001053 SK-001 1BS/SIRS/922 A01S SP.11 COLOR:WHITE	07/23/91	Asbestos	Positive. This sample contains approximately 45% Chrysotile Asbestos ,20% Fiberglass 30% Perlite
	12. P001053 SK-001 1BS/SIRS/923 A01T SP.12 COLOR:WHITE	07/23/91	Asbestos	None detected. This sample contains approx. 30% Fiberglass ,65% Perlite
	13. P001053 SK-001 1BS/SIRS/924 A01U SP.13 COLOR:WHITE	07/23/91	Asbestos	None detected. This sample contains approx. 20% Fiberglass ,75% Perlite
	14. P001053 SK-001 1BS/SIRS/925 A01V SP.14 COLOR:WHITE	07/23/91	Asbestos	Positive. This sample contains approximately 20% Chrysotile Asbestos ,20% Fiberglass 55% Perlite
	15. P001053 SK-001 1BS/SIRS/926 A01W SP.15 COLOR:WHITE	07/23/91	Asbestos	Positive. This sample contains approximately 25% Chrysotile Asbestos ,25% Fiberglass 45% Perlite

NOR-015726

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Charge:
J. & NEW ORLEANS
2/CLIENT
2/LAB
1/N.O.

Analyst: JOE MELTON

Joe Melton



Respectfully Submitted
(Original Signed By)

Donald Moore

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LABTRF

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page 1

Lab #	Identification	Date Time	Parameter	TEST RESULTS
0440	1. P001053 SK002 1BS/SIRS/970 A01X 16 COLOR:WHITE	07/23/91	Asbestos	None detected. This sample contains approx. 30% Cellulose ,20% Man-Made Fibers
	2. P001053 SK002 1BS/SIRS/971 A01Y 17 COLOR:WHITE	07/23/91	Asbestos	None detected. This sample contains approx. 35% Cellulose ,20% Man-Made Fibers
	3. P001053 SK002 1BS/SIRS/972 A01X 18 COLOR:GRAY,BROWN	07/23/91	Asbestos	Positive. This sample contains approximately 80% Chrysotile Asbestos ,10% Cellulose
	4. P001053 SK002 1BS/SIRS/973 A01X 19 COLOR:GRAY	07/23/91	Asbestos	None detected. This sample contains approx. 10% Cellulose
	5. P001053 SK002 1BS/SIRS/973 A01X 19 QUALITY CONTROL SAMPLE	07/23/91	Asbestos	None detected. This sample contains approx. 15% Cellulose

NOR-015727

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Large: NEW ORLEANS
Sig. & 2/CLIENT To
2/LAB
1/N.O.
Analyst: E.MCKITTRICK

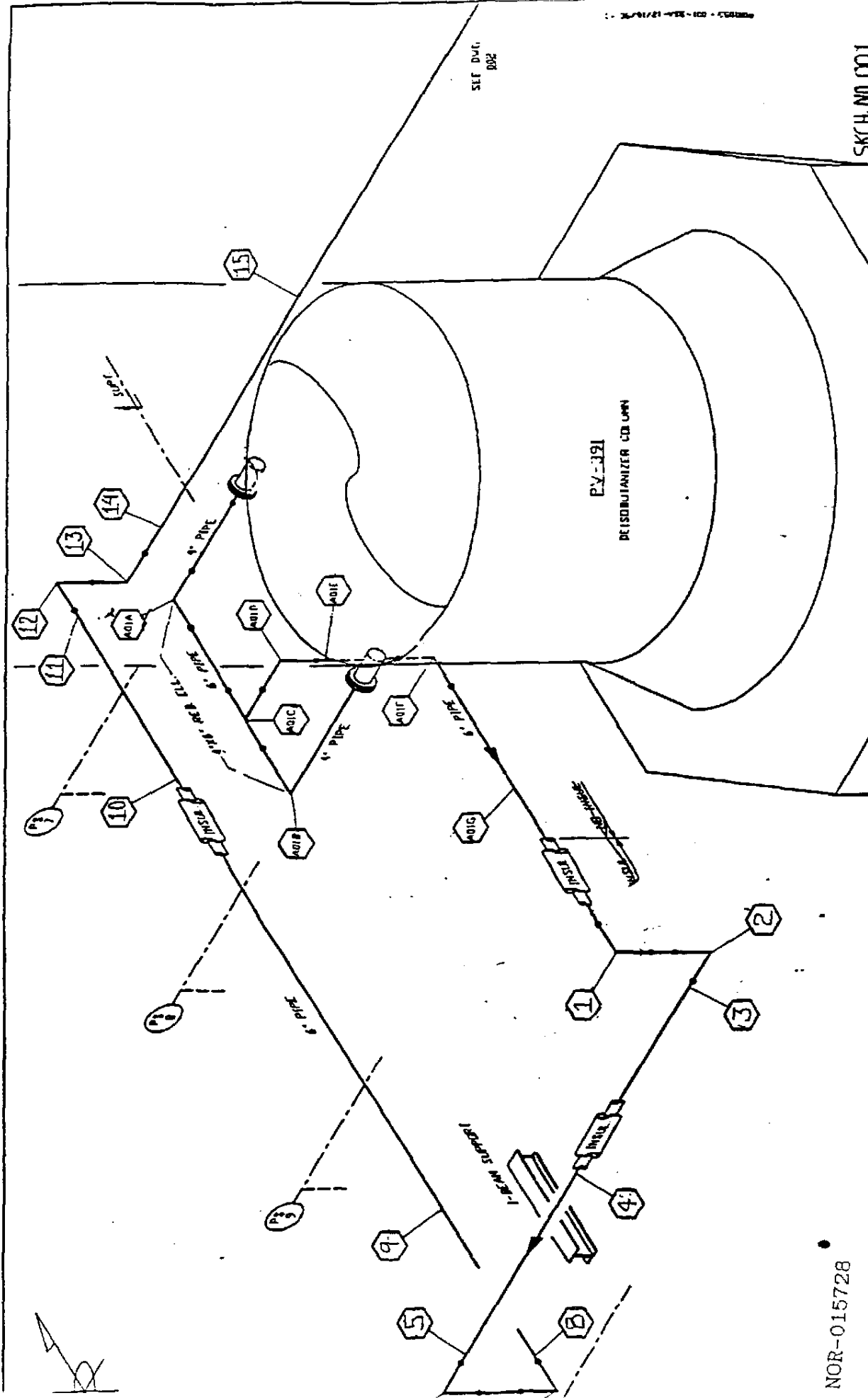
E. M. Kittrick



Respectfully Submitted

(Original Signed By)

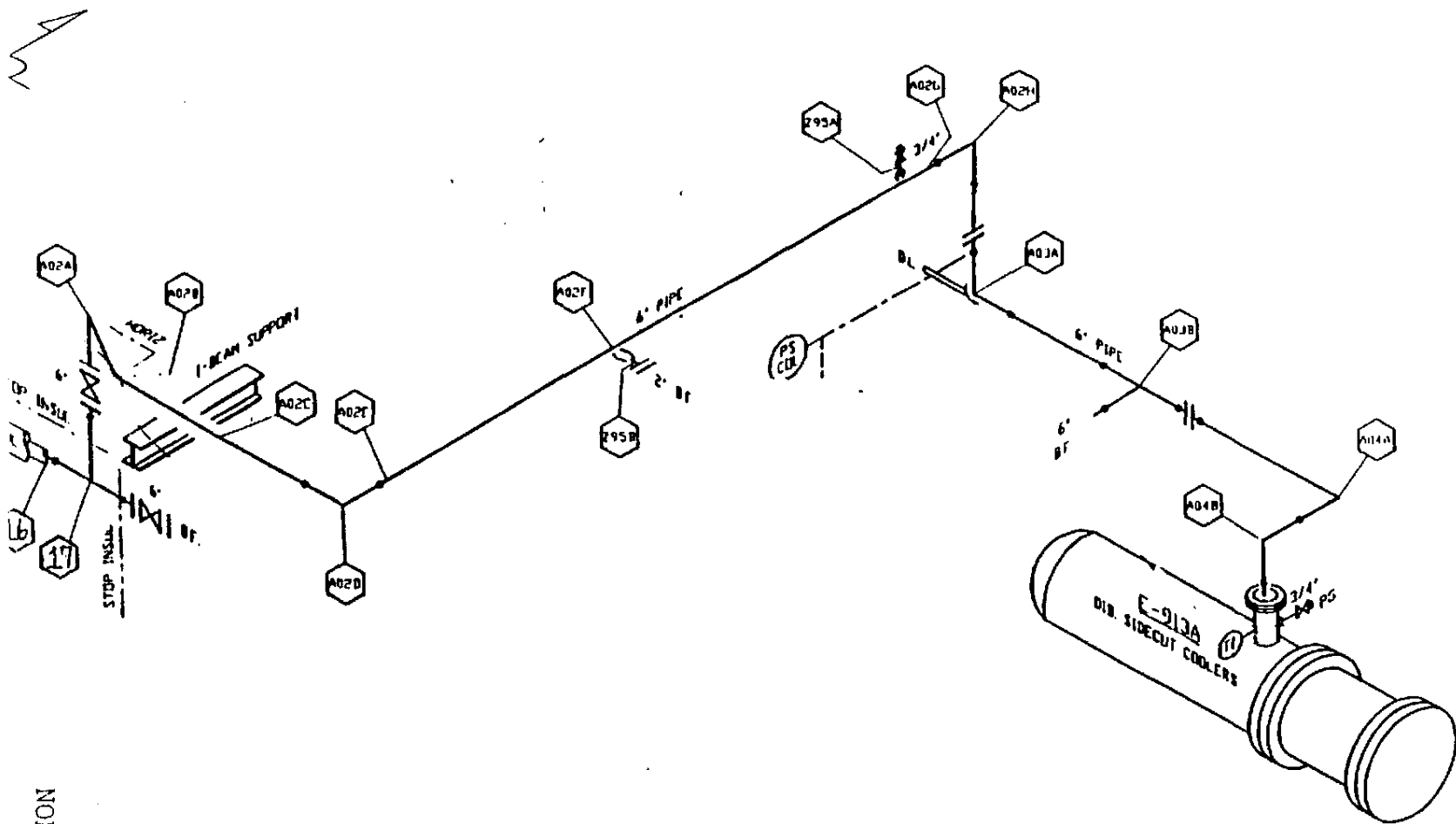
[Signature]



NOR-015728

SKCH NO 001

		SHELL OIL COMPANY WORKING DRAWING COPY 1.4		SKCH NO 001	
PROJECT INFORMATION		DESIGN INFORMATION		REVISION INFORMATION	
200 MATERIAL CODE: M 200 P&ID NUMBER: E-913-913-A 200 UNIT NUMBER: 01		DESIGN TYPE: - DESIGN P&ID: - DESIGN P&ID: - SIZE IS NUMBER: 00002 LINE COVERING: 001/001		REV: - DATE: - DESCRIPTION: - BY: - APP'D: -	
200 UNIT NUMBER: 01		200 P&ID NUMBER: E-913-913-A		200 SKETCH NO: 001	
200 UNIT NUMBER: 01		200 P&ID NUMBER: E-913-913-A		200 SKETCH NO: 001	



NOR-015729

SKCH. NO. 002

IGS Services 77630 KUTIMAROLA TORREY	CIRCUIT DESIGNATION		OPERATING TEMP. -		DWN: TLR CHK: L.S.	DATE: 12/18/90 APP'D:	DVG NO: P001053 SKETCH NO: 002		
	RISK LEVEL -		OPERATING PRES. -						
	SIRS MATERIAL CODE: 01		DESIGN TEMP. -						
	PIPE SPEC: 3-1131		DESIGN PRES. -						
	P&ID DVG NUMBER: E-913A-SIDECUT TO E-913		SIRS EA NUMBER: 000000						
UNIT NUMBER: 001		LINE COVERING: PNT/PURL		REV	DATE	DESCRIPTION	BY	CHK'D	APP'D



SHELL OIL COMPANY

NORCO MARKS ACTUATING EQUIPMENT

ALKY

BIB. SIDECUT TO E-913-A

SKETCH 2 OF 2

SKETCH NO: 002