



RECEIVED

(505) 746-9333

JAN 18 '90

P.O. Box 436
112 NORTH FIRST STREET — ARTESIA, NEW MEXICO 88210

January 16, 1990

New Mexico Oil Commission
Dr. DD
Artesia, N.M. 88210

Dear Sirs,

Enclosed are the mill certificates for the 8 5/8" casing run by Elk Oil Co., in Tomcat State #1.

I hereby certify the string was Domestic 8 5/8" 24# J-55 ST&C API Casing, as shown on these mill papers.

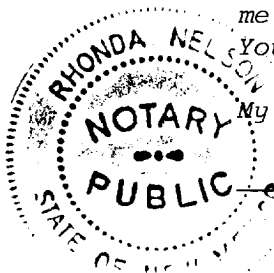
Sincerely,

Brad Young
Vice President

STATE OF NEW MEXICO)
)
COUNTY OF EDDY)

The foregoing instrument was acknowledged before me this 16th day of January, 1990 by Brad Young, Vice President.

My commission expires:



8/29/93

Rhonda Nelson
Notary Public

68-05-02146

RECEIVED

CERTIFICATE OF TESTS

SHOW THIS NUMBER
ON FREIGHT BILL

BILL OF LADING NUMBER

48-05-02146

PUR. ORD. DATE

PURCHASE ORDER NO.

JAN 18 '90

07/19/89

4. 6. 6. 2

DMS RATING RENEGO

MILL ORDER NO.

TUBE ORDER NO.

TAG-204720

~~T.O.C.D.~~
~~L.O.O.Z.F.~~
CARLESIA OFFICE

EMPIRE TUBULARS INC
PO BOX 16489
MEMPHIS TENNESSEE 38186-0489

EMPIRE TUBULARS INC
C/O CLARK TUBULARS INC
HOUSTON TEXAS 77001

CONSIDERED

SHIP DATE		FROM		TO		ROUTE										
ITEM NO.		HEAT/LOT NO.		Carbon	Mn	Phos.	Sul.	Si	Cu	Ni	B	Mo	Ti	Al	Van	Co
01		244-2082				.008	.005									

ITEM NO.	HEAT/LOT NO.	TENSILE TEST ORIENTATION	YIELD P S I	TENSILE STRENGTH P S I	ELONG	HYDROTEST PSI	FLATTENING TEST	BEND TEST	
					2"				
01	244-2082A	Long	62600	80500	29.0				

I HEREBY CERTIFY THAT THE MATERIAL LISTED HEREIN HAS BEEN INSPECTED AND TESTED IN ACCORDANCE WITH THE METHODS PRESCRIBED IN THE GOVERNING SPECIFICATIONS AND BASED UPON THE RESULTS OF SUCH INSPECTION AND TESTING HAS BEEN APPROVED FOR CONFORMANCE TO THE SPECIFICATIONS.

1082 T
EW CASING
8 5/8 O.D. X .264W X 23.57LB/FT
API SCT J55
PE CHAMFERED
RANGE-3 BLK REG MILL COAT

T88637BA P T68-2013200
CC-6154

PCS	LBS
49	49709

FEET
2109.0

ADP

APT Monograph

M. A. Francis

MANAGER, QUALITY CONTROL
WELDED PIPE-TUBULAR PRODUCTS DIVISION
YOUNGSTOWN



Steel

LTV Steel Tubular Products Company

Youngstown, Ohio

SHIPPER'S NUMBER

68-05-02128

CERTIFICATE OF TESTS

SHOW THIS NUMBER
ON FREIGHT BILL

BILL OF LADING NUMBER

68-05-02128

PUR. ORD. DATE

PURCHASE ORDER NO.

07/18/89

1082

DMS RATING RENEGO

MILL ORDER NO.

TUBE ORDER NO.

T68-201320

T-88637-B

EMPIRE TUBULARS INC
PO BOX 16489
MEMPHIS TENNESSEE 38186-0489

EMPIRE TUBULARS INC
C/O CLARK TUBULARS INC
HOUSTON TEXAS 77001

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SHIP DATE		FROM		ROUTE		00000 CUST TRUCK BUILDERS TRANSPORT 000075										
ANALYSIS	ITEM NO	HEAT/LOT NO	Carbon	Mang.	Phos.	Sul.	Sil.	CU	NI	CR	MO	AL	Van	SE		
	01	244-2094			.007	.007										
TEST RESULTS	ITEM NO.	HEAT/LOT NO.	TENSILE TEST ORIENTATION	YIELD PSI	TENSILE STRENGTH PSI	ELONG		HYDROTEST PSI	FLATTENING TEST	BEND TEST						
						2"										
	01	244-2094A	Long	60600	79200	32.0										

1 1082
EW CASING
8 5/8 O.D. X .264W X 23.57LB/FT
API 5CT J55
PE CHAMFERED
RANGE-3 BLK REG MILL COAT

PCS

50

LBS

50414

FEET

2139.0

I HEREBY CERTIFY THAT THE MATERIAL LISTED HEREIN HAS BEEN INSPECTED AND TESTED IN ACCORDANCE WITH THE METHODS PRESCRIBED IN THE GOVERNING SPECIFICATIONS AND BASED UPON THE RESULTS OF SUCH INSPECTION AND TESTING HAS BEEN APPROVED FOR CONFORMANCE TO THE SPECIFICATIONS.

M. A. Francis

MANAGER, QUALITY CONTROL
WELDED PIPE-TUBULAR PRODUCTS DIVISION
YOUNGSTOWN

CERTIFICATE OF TESTS

SHOW THIS NUMBER
ON FREIGHT BILL

BILL OF LADING NUMBER

68-05-02141

PUR. ORD. DATE

PURCHASE ORDER NO.

07/18/89

1082

DMS RATING RENEGO

MILL ORDER NO.

TUBE ORDER NO.

T68-201320

T-88637-B

EMPIRE TUBULARS INC
PO BOX 16489
MEMPHIS TENNESSEE 38186-0489

EMPIRE TUBULARS INC
C/O CLARK TUBULARS INC
HOUSTON TEXAS 77001

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SHIP DATE		FROM		ROUTE		00000-CUST TRUCK-BUILDERS-TRANSPORT-0000										
ANALYSIS	ITEM NO.	HEAT/LOT NO.	Carbon	Mang.	Phos.	Sul.	Sil.	Cu	Ni	Cr	Mn	Al	Van	Co		
	01	244-2083			.009	.006										
TEST RESULTS	ITEM NO.	HEAT/LOT NO.	TENSILE TEST ORIENTATION	YIELD P S I	TENSILE STRENGTH P S I	ELONG		HYDROTEST PSI	FLATTENING TEST		BEND TEST					
	01	244-2083A	Long	61800	78900	35.0										

1 1082
EW CASING
8 5/8 O.D. X .264W X 23.57LB/FT
API 5CT J55
PE CHAMFERED
RANGE-3 BLK REG MILL COAT

T88637BA P T68-2013200
CC-6154

PCS LBS
49 49586

FEET
2108.0

I HEREBY CERTIFY THAT THE MATERIAL LISTED HEREIN HAS BEEN INSPECTED AND TESTED IN ACCORDANCE WITH THE METHODS PRESCRIBED IN THE GOVERNING SPECIFICATIONS AND BASED UPON THE RESULTS OF SUCH INSPECTION AND TESTING HAS BEEN APPROVED FOR CONFORMANCE TO THE SPECIFICATIONS.

M. A. Francis

MANAGER, QUALITY CONTROL
WELDED PIPE-TUBULAR PRODUCTS DIVISION
YOUNGSTOWN

68-05-02150

CERTIFICATE
OF TESTSSHOW THIS NUMBER
ON FREIGHT BILL

BILL OF LADING NUMBER

68-05-02150

PUR. ORD. DATE

PURCHASE ORDER NO.

07/18/89

1082

DMS RATING RENEGO

MILL ORDER NO.

TUBE ORDER NO.

T68-201320

T-88637-B

EMPIRE TUBULARS INC
PO BOX 16489
MEMPHIS TENNESSEE 38186-0489EMPIRE TUBULARS INC
C/O CLARK TUBULARS INC
HOUSTON TEXAS 77001C
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SHIP DATE		FROM COUNCIL TN				ROUTE 00000-CUST TRUCK-BUILDERS-TRANSPORT#2720									
ITEM NO.	HEAT/LOT NO.	Carbon	Mang.	Phos.	Sul.	Sil.	Cu	Ni	Cr	Mo	Al	Van	Cb		
01	244-2082			.008	.005										
ITEM NO.	HEAT/LOT NO.	TENSILE TEST ORIENTATION	YIELD PSI	TENSILE STRENGTH PSI	ELONG	HYDROTEST PSI	FLATTENING TEST	BEND TEST							
01	244-2082A	Long	62600	80500	29.0										

1 1082

EW CASING

8 5/8 O.D. X .264W X 23.57LB/FT

API 5CT J55

PE CHAMFERED

RANGE-3 BLK REG MILL COAT

PCS

LBS

50

50487

FEET

2142.0

T88637BA P T68-2013200
CC-6154I HEREBY CERTIFY THAT THE
MATERIAL LISTED HEREIN HAS
BEEN INSPECTED AND TESTED
IN ACCORDANCE WITH THE
METHODS PRESCRIBED IN THE
GOVERNING SPECIFICATIONS
AND BASED UPON THE RESULTS
OF SUCH INSPECTION AND
TESTING HAS BEEN APPROVED
FOR CONFORMANCE TO THE
SPECIFICATIONS.*M. A. Francis*
MANAGER, QUALITY CONTROL
WELDED PIPE-TUBULAR PRODUCTS DIVISION
YOUNGSTOWN



Steel

ITV Steel Tubular Products Company

Youngstown, Ohio

SHIPPER'S NUMBER

68-05-02147

CERTIFICATE OF TESTS

SHOW THIS NUMBER
ON FREIGHT BILL

BILL OF LADING NUMBER

68-05-02147

PUR. ORD. DATE

PURCHASE ORDER NO.

07/19/80

1002

DMS RATING RENEGO

MILL ORDER NO.

TUBE ORDER NO.

T68-201320

T 00637-0

EMPIRE TUBULARS INC
PO BOX 16489
MEMPHIS TENNESSEE 38186-0489

EMPIRE TUBULARS INC
C/O CLARK TUBULARS INC
HOUSTON TEXAS 77001

SHIP DATE	FROM	ROUTE														
080400	COUNCIL TN	00000 CUST TRUCK BUILDERS TRANSPORT#0000														
ANALYSIS	ITEM NO.	HEAT/LOT NO.	Carbon	Mang.	Phos.	Sul.	Si.	Cu	Mn	Cr	Mo	Al	Van	Ni		
	01	244-2082			.008	.005										
TEST RESULTS	ITEM NO.	HEAT/LOT NO.	TENSILE TEST ORIENTATION	YIELD PSI	TENSILE STRENGTH PSI	ELONG		HYDROTEST PSI		FLATTENING TEST		BEND TEST				
	01	244-2082A	Long	62600	80500	29.0										

1 1082
EW CASING
8 5/8 O.D. X .264W X 23.57LB/FT
API 5CT J55
PE CHAMFERED
RANGE-3 BLK REG MILL COAT

T88637BA P T68-2013200
CC-6154

PCS
49

LBS
49684

FEET
2108.0

I HEREBY CERTIFY THAT THE MATERIAL LISTED HEREIN HAS BEEN INSPECTED AND TESTED IN ACCORDANCE WITH THE METHODS PRESCRIBED IN THE GOVERNING SPECIFICATIONS AND BASED UPON THE RESULTS OF SUCH INSPECTION AND TESTING HAS BEEN APPROVED FOR CONFORMANCE TO THE SPECIFICATIONS.

M. A. Francis

MANAGER, QUALITY CONTROL
WELDED PIPE-TUBULAR PRODUCTS DIVISION
YOUNGSTOWN