

DINERO

P.O. DRAWER 10505
MIDLAND, TEXAS 79702

JANUARY 20, 1986

RECEIVED

JAN 24 1986

OIL CONSERVATION DIVISION

Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Attention: Richard L. Stamets

Dear Mr. Stamets:

Enclosed please find log off test concerning the following wells:

- A. Big Chief #1
- B. Big Chief #2
- C. Big Chief #4
- D. Little Squaw #1

If there is anything further needed by your office, please feel free to contact us.

Sincerely,

DINERO OPERATING COMPANY



L. C. McClure
Production Foreman

enc. (4)

LCM/dr

cc: District II
P.O. Drawer DD
Artesia, New Mexico 88210
Attn: L. A. Clements

BIG CHIEF #1

EDDY COUNTY, NEW MEXICO

Production ~~pryor~~ to test--see reports.

July 26, 1985

Open well to pit, rate of flow came down to 53 MCF for 18 hours, then pressure dropped to 0.

July 27, 1985

Attempt to flow, but decided to close in for pressure build-up to unload water.

July 28, 1985

Take well off test, attempt to unload without swabbing.

COMPRESSOR RENTAL	2,304.28
COST TO RUN 15 MCF	48.45
PUMPER	296.68

2258

GAS WELL REPORT

DATE, 6 A.M.	CHART	DIF.	PRESSURE		WELL NO.	SEPARATOR		STOCK TANK		LIQUID PRODUCTION	DATE SEALS ON	ESTIMATED MCF
			TUBING	CASING		TEMP.	FT.	IN.	TEMP.			
15	4-48	3.6	100		1			0	10			.108
16	4-47	3.4	100					0	10			.104
17	4-48	3.6	100					0	10			.108
18	4-48	3.4	100					0	10			.108
19	4-48	3.4	100					0	10			.108
20	4-22	3.4	100					0	10			.099
21	4-25	3.4	100					0	10			.101

CE SIZE 11
REMARKS
1/2 4548

SIGNATURE *Charlie Williams*

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NEWELL 143-1 BOX 800 TULSA OK 74101

GAS WELL REPORT

LEASE		WELL NO.				DATES-FROM		TO		ESTIMATED MCF		
Big Chief		1				July 21, 1985		July 28, 1985				
DATE 8 A.M.	CHART		PRESSURE		CHOKE	HEATER TEMP.	SEPARATOR		STOCK TANK		LIQUID PRODUCTION	DATE SEALS ON
	DIF.	TUBING	CASING	PRESS.			TEMP.	FT.	IN.			
22	575 7.5	0	600		Full	94			0	10		0
23	575 7.5	2.8	100		Full	90			0	10		0.96
24	-	-	400		Full	-			0	10		0
25	-	-	400		Full	-			0	10		0
26	-	-	80	14/64	Full	-			0	10		0
27	-	-	320	14/64	Full	-			0	10		0
28	-	-	1100	14/64	Full	-			0	10		0

REMARKS: 7-22 Started compressor. 7-23 Shut well in
 7-25 Kolor Kut: for test. 7-24 Flaring well.
 0-3 oil 7-25 Shut well in for test.
 0-7 water 7-26 thru 7-28 well shut in.
 SIGNATURE: Charlie Williams

NEW 143-1 BOX 800 TULSA OK 74101

PRINTED IN U.S.A.

GAS WELL REPORT

LEASE		WELL NO.				DATES-FROM		TO		ESTIMATED MCF		
Big Chief		1				July 14, 1985		July 21, 1985				
DATE 8 A.M.	CHART		PRESSURE		CHOKE	HEATER TEMP.	SEPARATOR		STOCK TANK		LIQUID PRODUCTION	DATE SEALS ON
	DIF.	TUBING	CASING	PRESS.			TEMP.	FT.	IN.			
15	348 5.8	3.4	100		Full	90			0	10		0.90
16	348 5.8	3.4	100		Full	94			0	10		0.90
17	348 5.8	3.4	100		Full	90			0	10		0.90
18	467 6.7	3.6	100		Full	100			0	10		.110
19	467 6.7	3.6	100		Full	98			0	10		.110
20	580 7.2	3.8	100		Full	90			0	10		.124
21	590 7.0	0	500		Full	90			0	10		0

REMARKS: 7-21 Compressor was down.

SIGNATURE: Charlie Williams

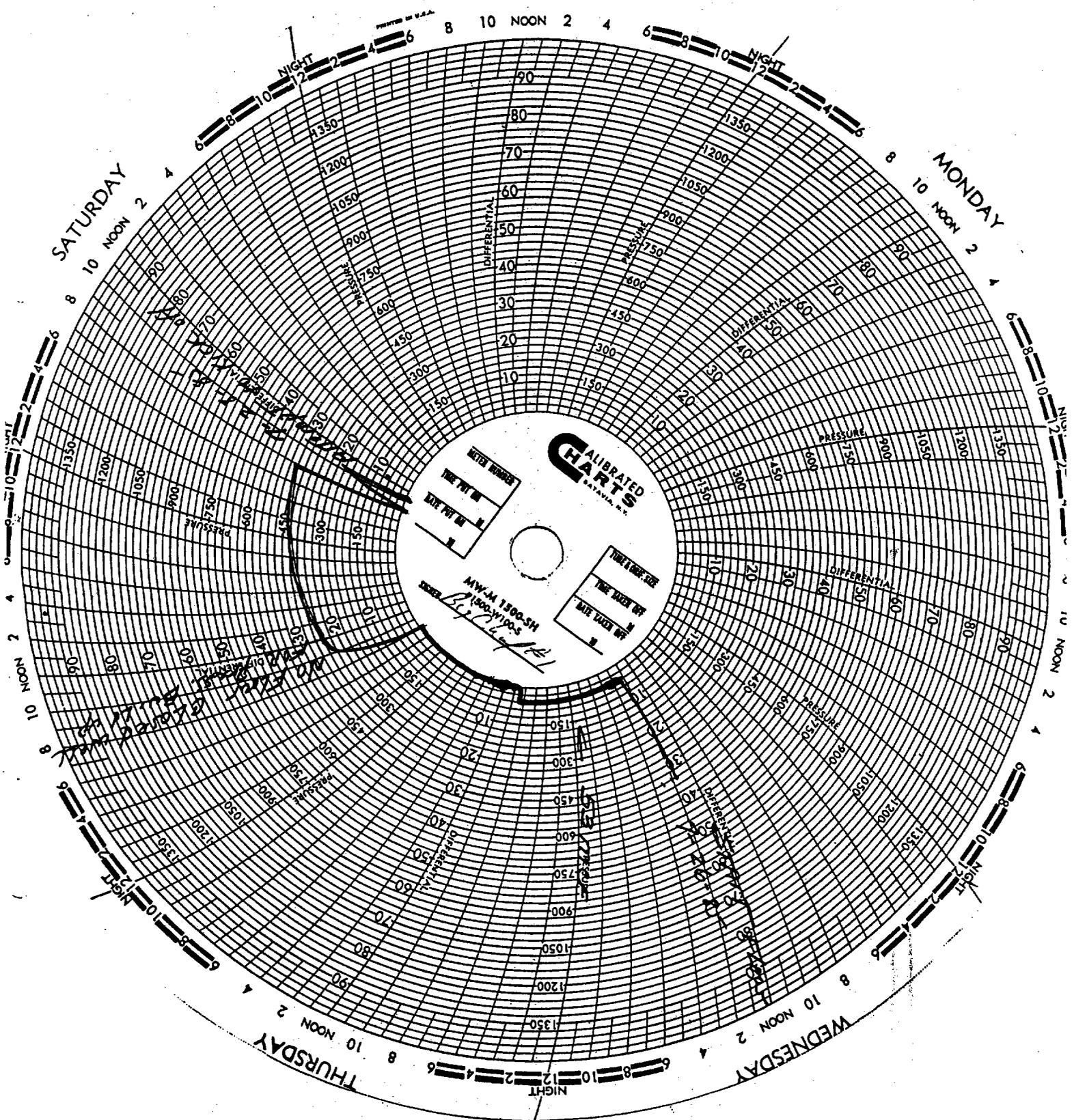
NEW 143-1 BOX 800 TULSA OK 74101

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SUNDAY

SATURDAY

MONDAY



MVA-11 1300-2H
 500-WIP-2H
 B. J. ...
 CALIBRATED CHARTS
 TIME TAKEN OFF
 TIME TAKEN ON

BIG CHIEF #2

EDDY COUNTY, NEW MEXICO

July 8, 1985

Production from Gauge Report--241 MCF.

July 9, 1985

Production from Gauge Report--277 MCF.

July 19, 1985

Closed in.

July 11, 1985

Blew well to atmosphere.

July 12, 1985

Production--688 MCF.

July 25, 1985

Start log off test.

July 26, 1985

Flow on 14/64 choke, to sales line.

July 27, 1985

Flow to atmosphere-- 14/64 choke. Estimated production--222 MCF.

GAS WELL REPORT

LEASE

Big Chief

WELL NO.

2

DATE-FROM

July 21, 1985 to July 28, 1985

DATE 8 A.M.	CHAR.	DIF.	PRESSURE TUBING	CASING	CHOKE	HEATER TEMP.	SEPARATOR PRESS.	STOCK TANK FT.	IN.	LIQUID PRODUCTION	DATE SET ON	ESTIMATED MCF
<i>28</i>	<i>545</i>	<i>4.3</i>	<i>580</i>		<i>18 64</i>	<i>90</i>		<i>8</i>	<i>2</i>			<i>490</i>
<i>23</i>	<i>543</i>	<i>3.8</i>	<i>550</i>		<i>18 64</i>	<i>84</i>		<i>8</i>	<i>2</i>			<i>488</i>
<i>24</i>	<i>549</i>	<i>6.4</i>	<i>360</i>		<i>18 64</i>	<i>84</i>		<i>8</i>	<i>2</i>			<i>574</i>
<i>25</i>	<i>-</i>	<i>-</i>	<i>240</i>		<i>18 64</i>	<i>-</i>		<i>8</i>	<i>2</i>			<i>0</i>
<i>26</i>	<i>-</i>	<i>-</i>	<i>240</i>		<i>18 64</i>	<i>-</i>		<i>8</i>	<i>2</i>			<i>0</i>
<i>27</i>	<i>-</i>	<i>-</i>	<i>240</i>		<i>18 64</i>	<i>-</i>		<i>8</i>	<i>2</i>			<i>0</i>
<i>28</i>	<i>508</i>	<i>0</i>	<i>1000</i>		<i>18 64</i>	<i>85</i>		<i>8</i>	<i>2</i>			<i>0</i>

SIZE *15.1978* REMARKS *7-25 + 7-26 heating.*
7-25 Kolar Put; 7-27 Shut well in for testing.
3-0 oil 7-28 Put well on line.
3-2 water

Signature *Paulie Williams*

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AS WELL REPORT

DATE 8 A.M.	CHARGE		PRESSURE		CHOKE	HEATER TEMP.	SEPARATOR		STOCK TANK		LIQUID PRODUCTION	GATE SEALS ON	ESTIMATED MCF
	BOX #00	DIF.	TUBING	CASING			PRESS.	TEMP.	FT.	IN.			
8	530	2.2	550		18 64	86			8	2			.241
9	435 6.5	2.8	500		18 64	85			8	2			.277
10	—	—	—		—	—			8	2			0
11	348 5.8	—	1200		18 64	—			8	2			0
12	348 5.8	7.8	400		18 64	86			8	2			.688
13	337 5.7	7.8	400		18 64	90			8	2			.676
14	337 5.7	7.3	350		18 64	84			8	2			.632

REMARKS
 - Conf. 15.1972
 7-9 Blew well for test.
 7-10 Shut in well.
 7-11 Put well on line.

SIGNATURE *Charlie Williams*

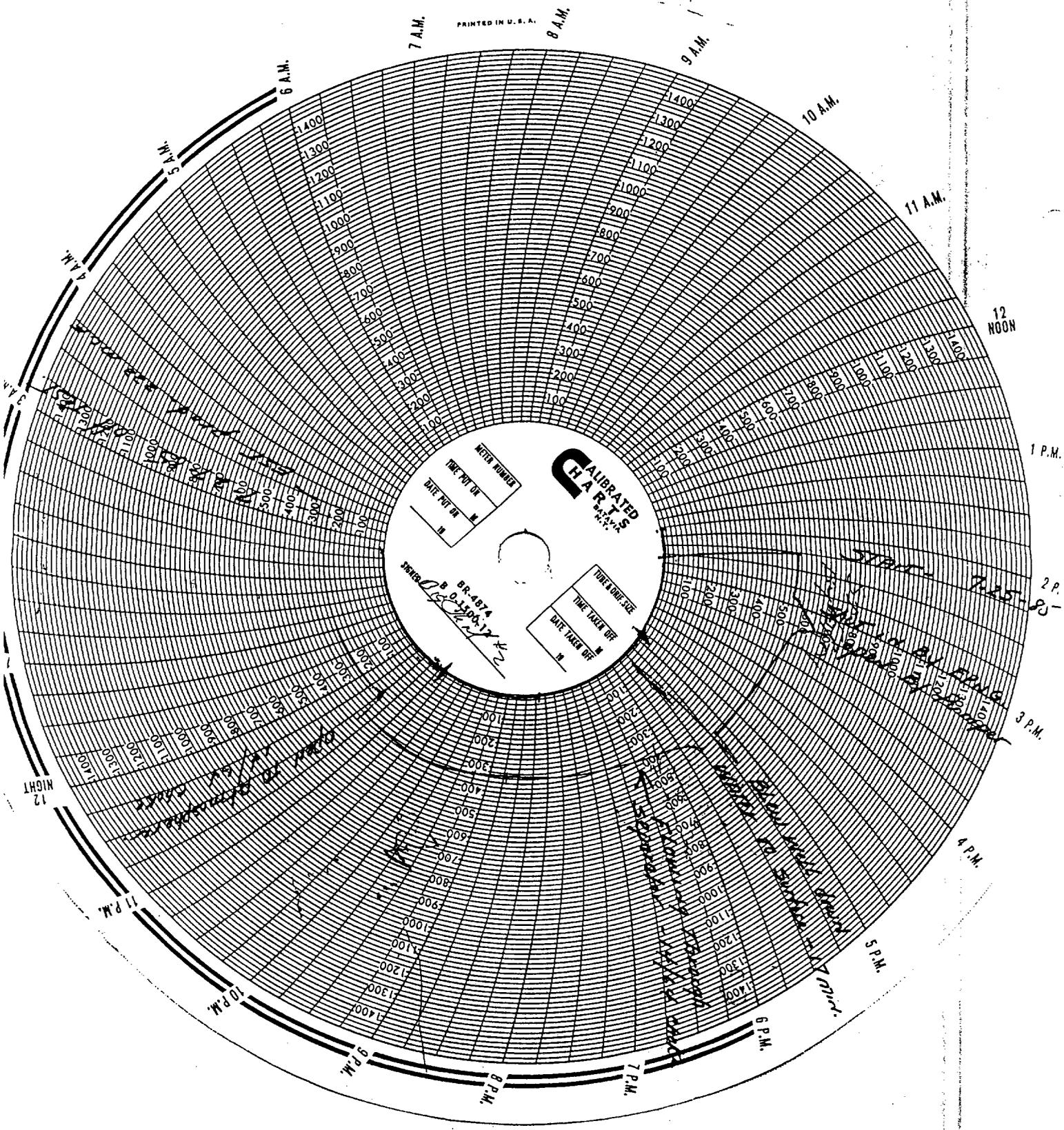
AS WELL REPORT

DATE 8 A.M.	CHARGE		PRESSURE		CHOKE	HEATER TEMP.	SEPARATOR		STOCK TANK		LIQUID PRODUCTION	GATE SEALS ON	ESTIMATED MCF
	BOX #00	DIF.	TUBING	CASING			PRESS.	TEMP.	FT.	IN.			
15	348 5.8	6.8	350			86			8	2			.599
16	348 5.8	7.0	350			84			8	2			.617
17	348 5.8	7.0	350			85			8	2			.617
18	421 6.7	0	280			90			8	2			0
19	421 6.7	0	160			94			8	2			0
20	539 7.2	0	100			88			8	2			0
21	508 7.2	5.0	500			90			8	2			.532

REMARKS
 - Conf. 15.1972

SIGNATURE *Charlie Williams*

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7 A.M.

8 A.M.

9 A.M.

10 A.M.

11 A.M.

12 NOON

1 P.M.

2 P.M.

3 P.M.

4 P.M.

5 P.M.

6 P.M.

7 P.M.

8 P.M.

9 P.M.

10 P.M.

11 P.M.

12 NIGHT

2275

BIG CHIEF #4

EDDY COUNTY, NEW MEXICO

July 24, 1985

Shut compressor down and open well to atmosphere- 14/64 choke. Estimated on production--60 MCF.

July 25, 1985

Flow to atmosphere- 14/64 choke. Estimated production--60 MCF.

July 26, 1985

Flow to atmosphere- 14/64 choke. Estimated production--32 MCF.

COMPRESSOR RENTAL	1,567.00
COST TO RUN 12.5 MCF	40.38
PUMPER	296.68

GAS WELL REPORT

WELL NO.		DATES-FROM		TO									
4		July 21, 1985		July 28, 1985									
Big Chief													
DATE B.A.M.	CHART		PRESSURE		CHOKE	HEATER TEMP.	SEPARATOR		STOCK TANK		LIQUID PRODUCTION	DATE SEALS ON	ESTIMATED MCF
	DIF.	TUBING	CASING	PRESS.			TEMP.	FT.	IN.				
22	575	2.6	100		Full	90			5	6			.089
23	575	0	300		Full	94			5	6			0
24	-	-	100		Full	-			5	6			0
25	-	-	80	14/64	Full	-			5	6			0
26	-	-	40	14/64	Full	-			5	6			0
27	-	-	40	14/64	Full	-			5	6			0
28	598	3.2	100		Full	90			5	6			.102

7-23 Shut well in for test; flaring well.
 7-25 Kolorut; 7-24 flaring well.
 0-2 oil 7-25 to 7-27 testing well.
 5-4 water 7-27 put well on line; started compressor.

1/2" 4548

CHARLIE WILLIAMS

143-1 BOX 800 TULSA OK 74101

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GAS WELL REPORT

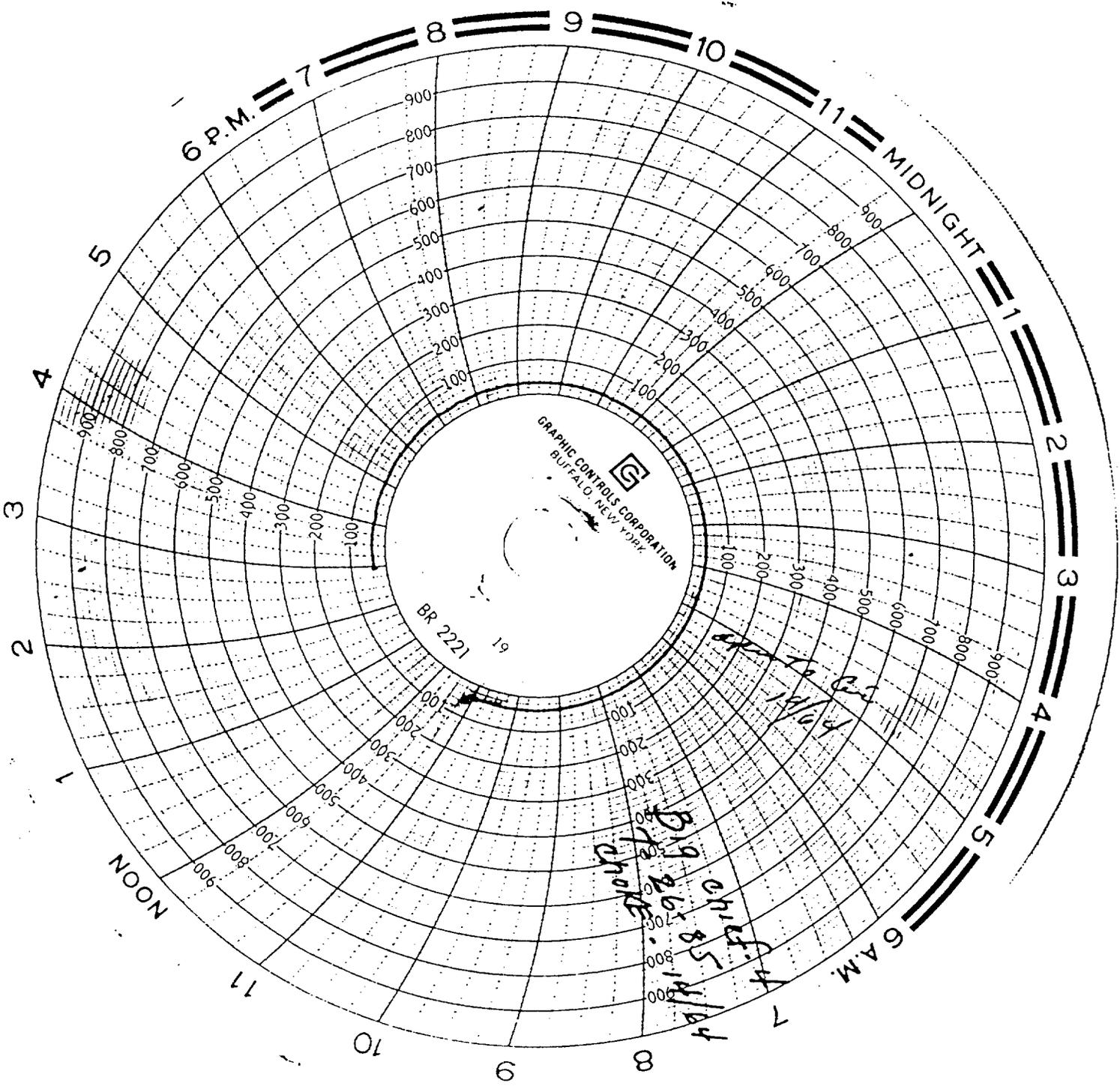
WELL NO.		DATES-FROM		TO									
4		July 14, 1985		July 21, 1985									
Big Chief													
DATE B.A.M.	CHART		PRESSURE		CHOKE	HEATER TEMP.	SEPARATOR		STOCK TANK		LIQUID PRODUCTION	DATE SEALS ON	ESTIMATED MCF
	DIF.	TUBING	CASING	PRESS.			TEMP.	FT.	IN.				
15	378	3.0	100		Full	90			5	6			.079
16	378	3.0	100		Full	96			5	6			.079
17	378	3.0	100		Full	96			5	6			.079
18	471	3.0	100		Full	98			5	6			.091
19	471	2.8	100		Full	96			5	6			.085
20	530	3.0	100		Full	90			5	6			.098
21	598	2.8	100		Full	90			5	6			.089

1/2" 4548

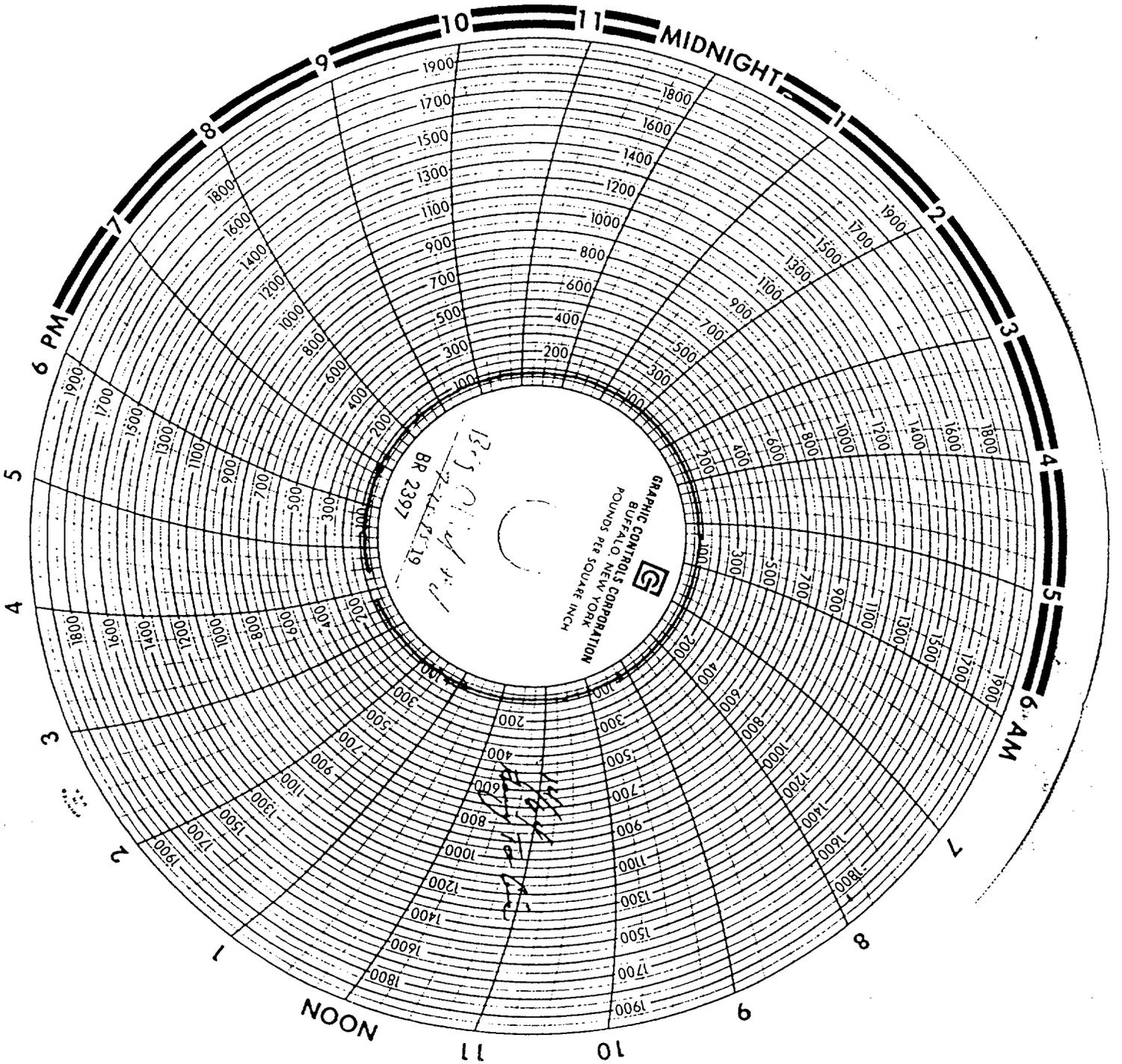
CHARLIE WILLIAMS

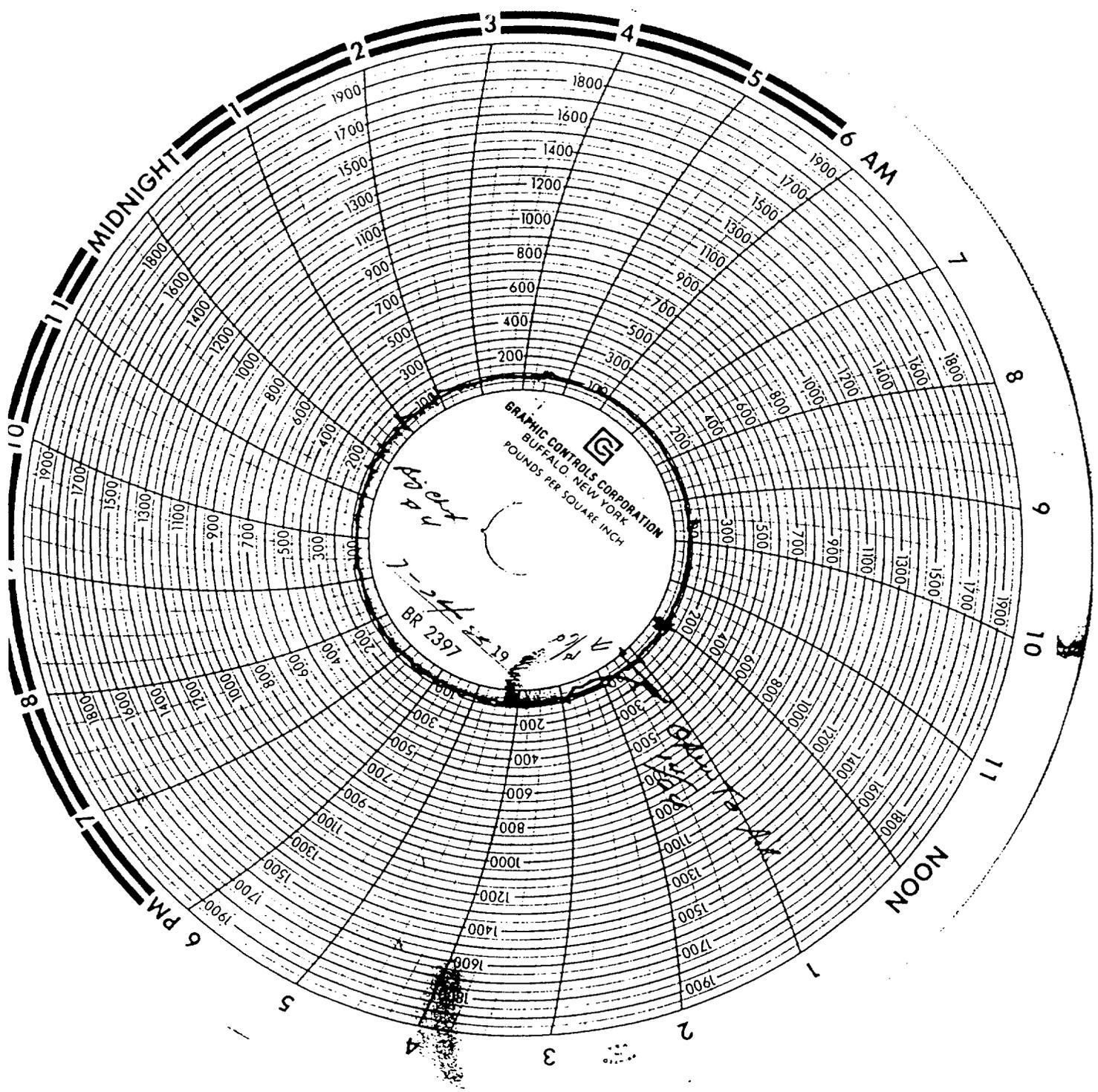
143-1 BOX 800 TULSA OK 74101

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Handwritten notes:
BIG 265
CHIEF
1/1/4
1/1/4





GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
POUNDS PER SQUARE INCH

Project # 4

7-24-55

BR 2397

MIDNIGHT

6 AM

NOON

6 PM

10

8

7

2

3

4

5

7

8

9

10

11

1

2

3

4

5

1150

LITTLE SQUAW #1

July 11, 1985

12/64 put on line, came down to line pressure.

July 12, 1985

Two (2) hours on line pressure, changed chart.

July 13, 1985

Going through separator, line pressure from 2 p.m. to 3 p.m., may have produced some gas.

July 14, 1985

Still through separator, riding line pressure.

July 23, 1985

Open to air 12/64 choke.

July 25, 1985

Flow to burn pit, 12/64 choke, estimated production 400 MCF.

July 26, 1985

12/64 choke, estimated production 336 MCF.

GAS WELL REPORT

DATE		CHART			PRESSURE		CHOKE	HEATER TEMP.	SEPARATOR		STOCK TANK		LIQUID PRODUCTION	DATE SEALS ON	ESTIMATED MCF
8 A M		DIF.	TUBING	CASING	PRESS.	TEMP.			FT	IN.					
8	5:30	4.0	550			80	2	3						.138	
9	5:45	4.8	550			78	2	3						.150	
10							2	3						0	
11	3:48		1050				2	3						0	
12	3:48	8.2	400			84	2	3						.228	
13	3:37	8.0	400			90	2	3						.219	
14	3:37	7.8	350			90	2	3						.213	

COEF. 4.8 REMARKS 7-9 Blew well for test.
 7-10 Shut in well.
 7-11 Put well on line.

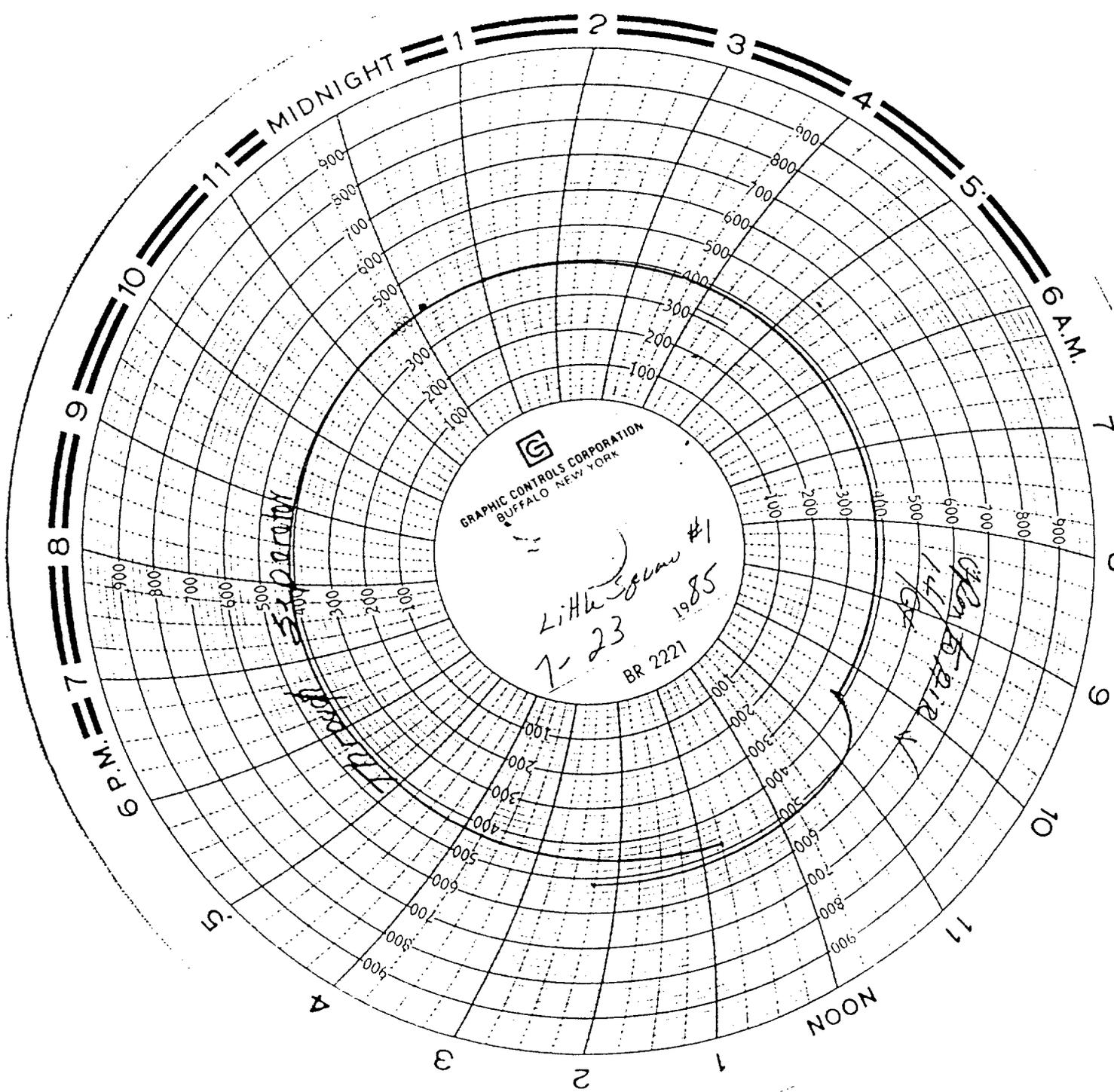
SIGNATURE Charlie Williams

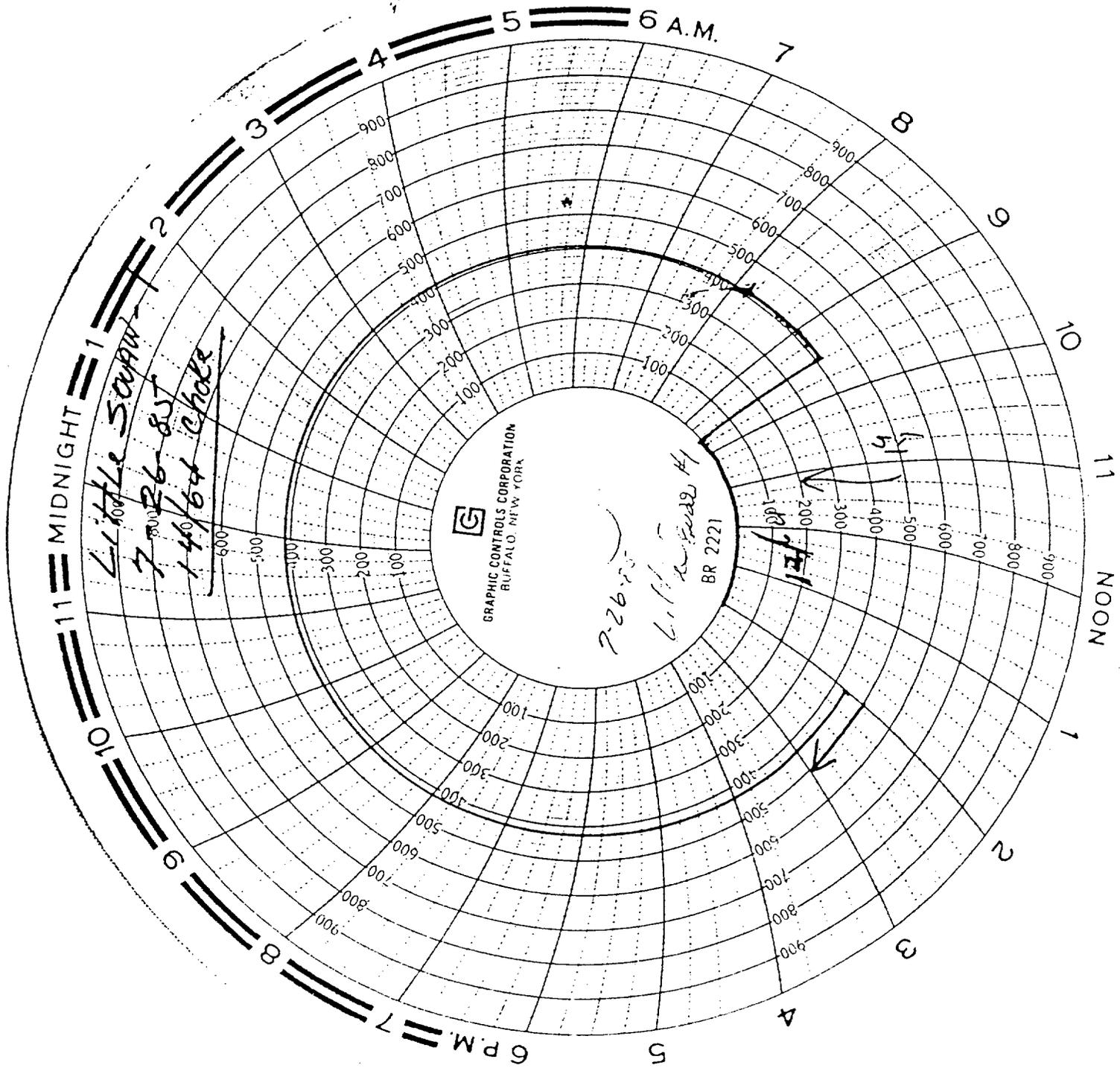
GAS WELL REPORT

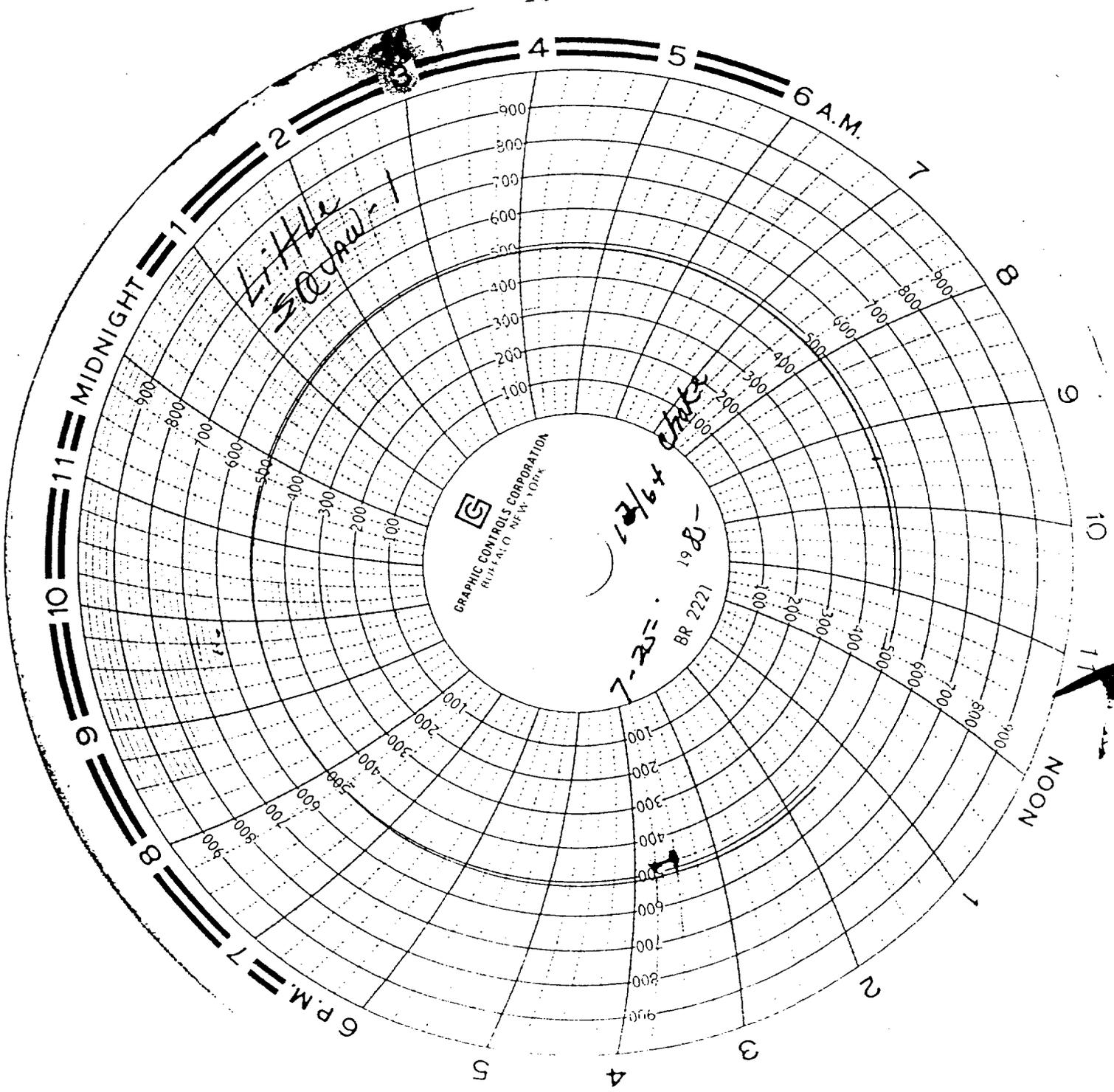
DATE		CHART			PRESSURE		CHOKE	HEATER TEMP.	SEPARATOR		STOCK TANK		LIQUID PRODUCTION	DATE SEALS ON	ESTIMATED MCF
8 A M		DIF.	TUBING	CASING	PRESS.	TEMP.			FT	IN.					
22	5:45	3.4	580			84	2	9						.122	
23	5:45	3.4	600			78	3	0						.119	
24	3:40	6.8	400			84	3	3						.196	
25	3:40	0	500			85	3	6						0	
26			420				3	6						0	
27			420				3	6						0	
28	5:03	0	1000			85	3	6						0	

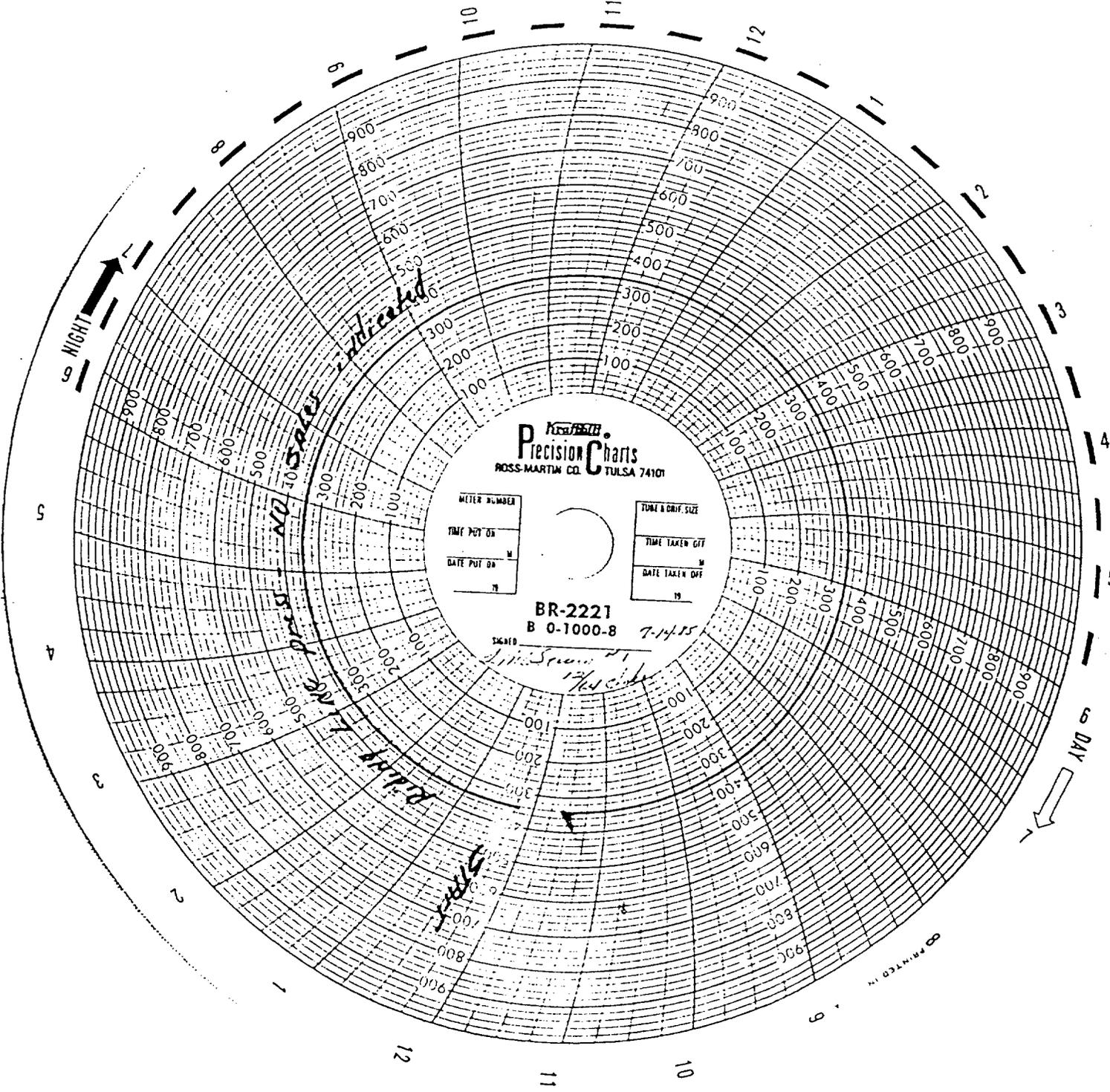
COEF. 4.8 REMARKS 7-25 Flaring well.
 7-25 Kolor Kut.
 0-5 oil
 3-1 water
 7-26 + 27 Testing.
 7-28 Put well on line.

SIGNATURE Charlie Williams









NIGHT

DAY

Precision Charts
ROSS-MARTIN CO. TULSA 74101

METER NUMBER
TIME PUT ON
DATE PUT ON

TUBE & DRIF. SIZE
TIME TAKEN OFF
DATE TAKEN OFF

BR-2221
B 0-1000-8

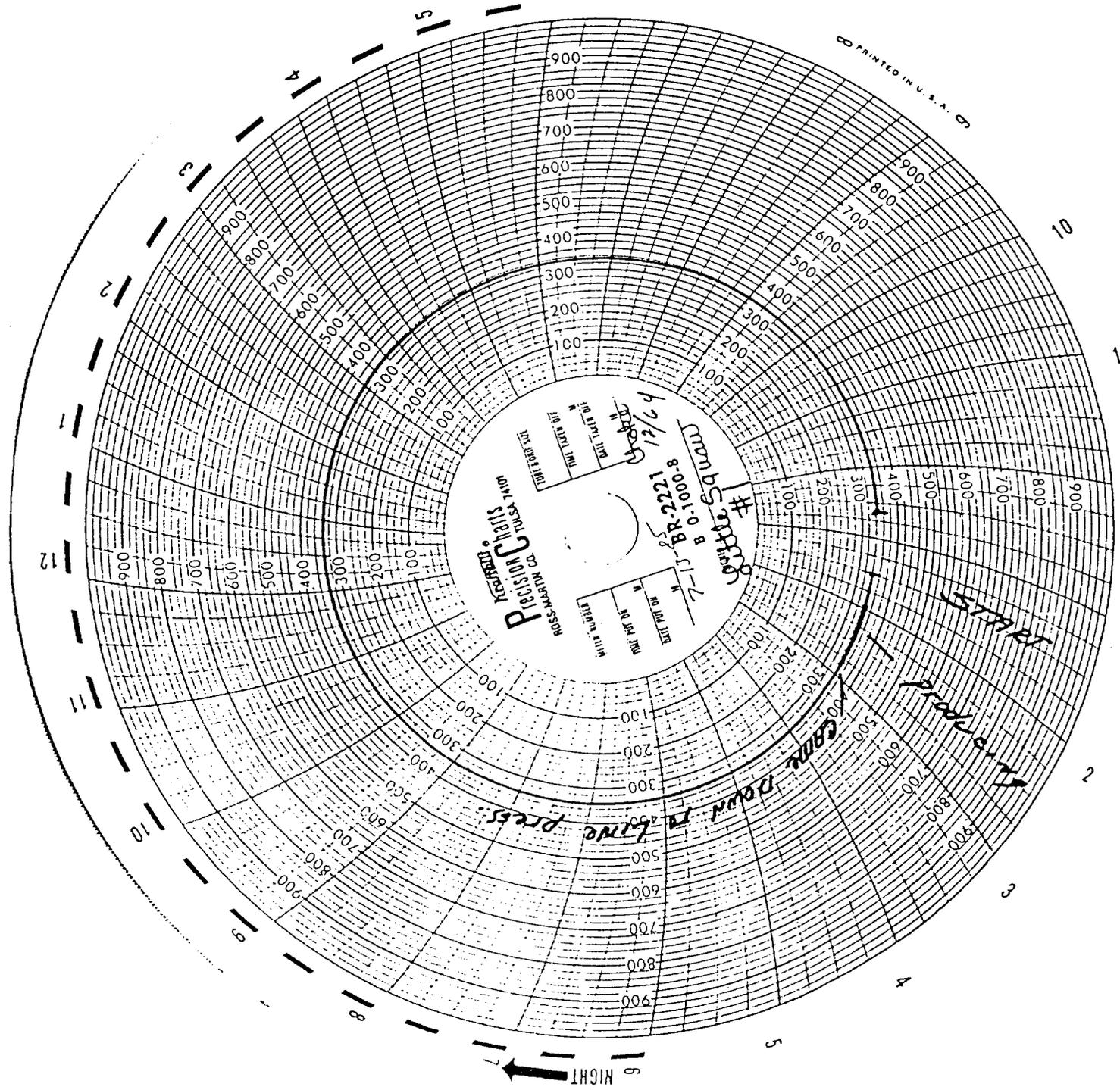
7-14-15
John Smith

NO SALES
NO SALES
NO SALES

PRINTED IN U.S.A.

PRINTED IN U.S.A. ©

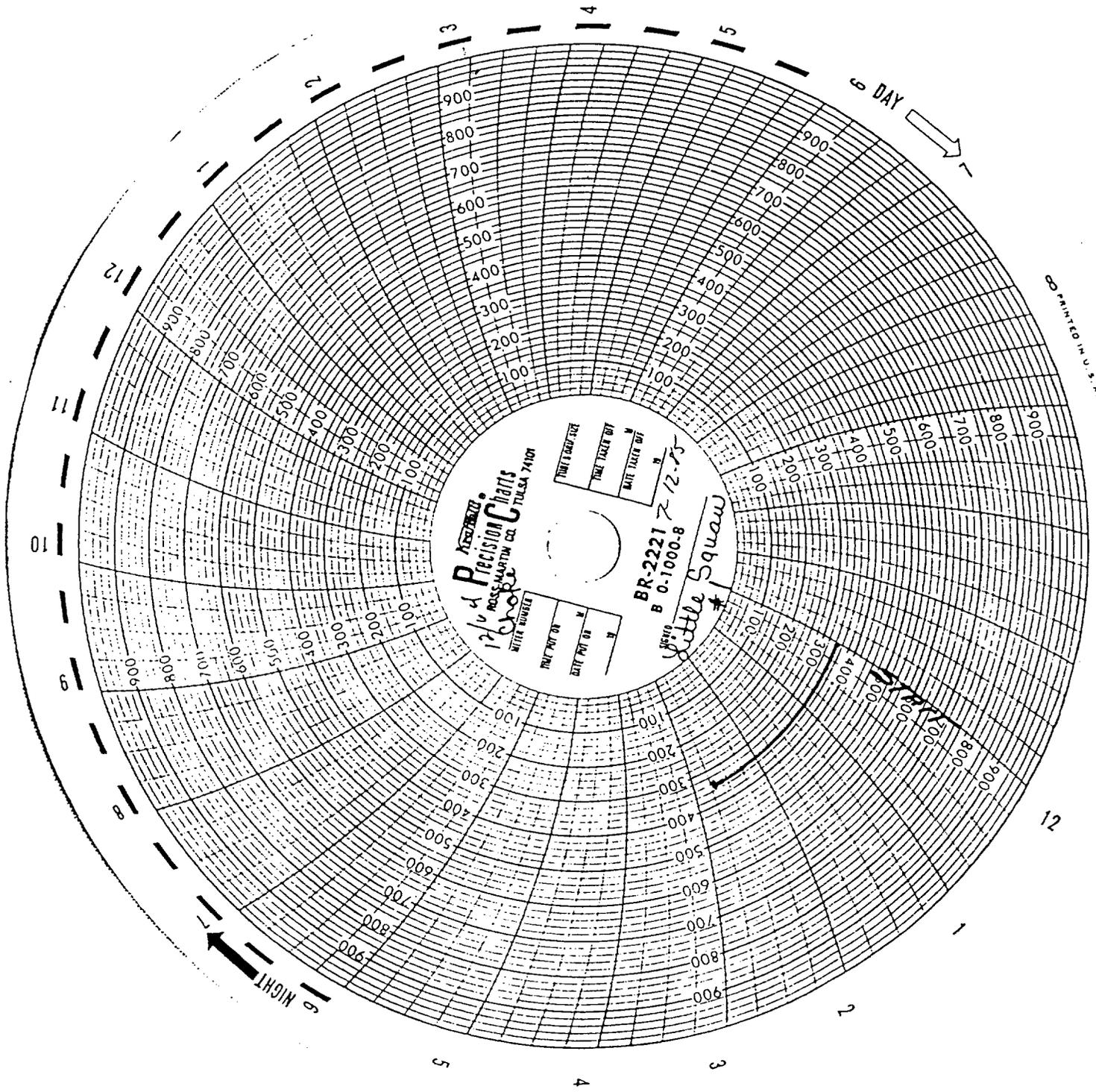
DAY →



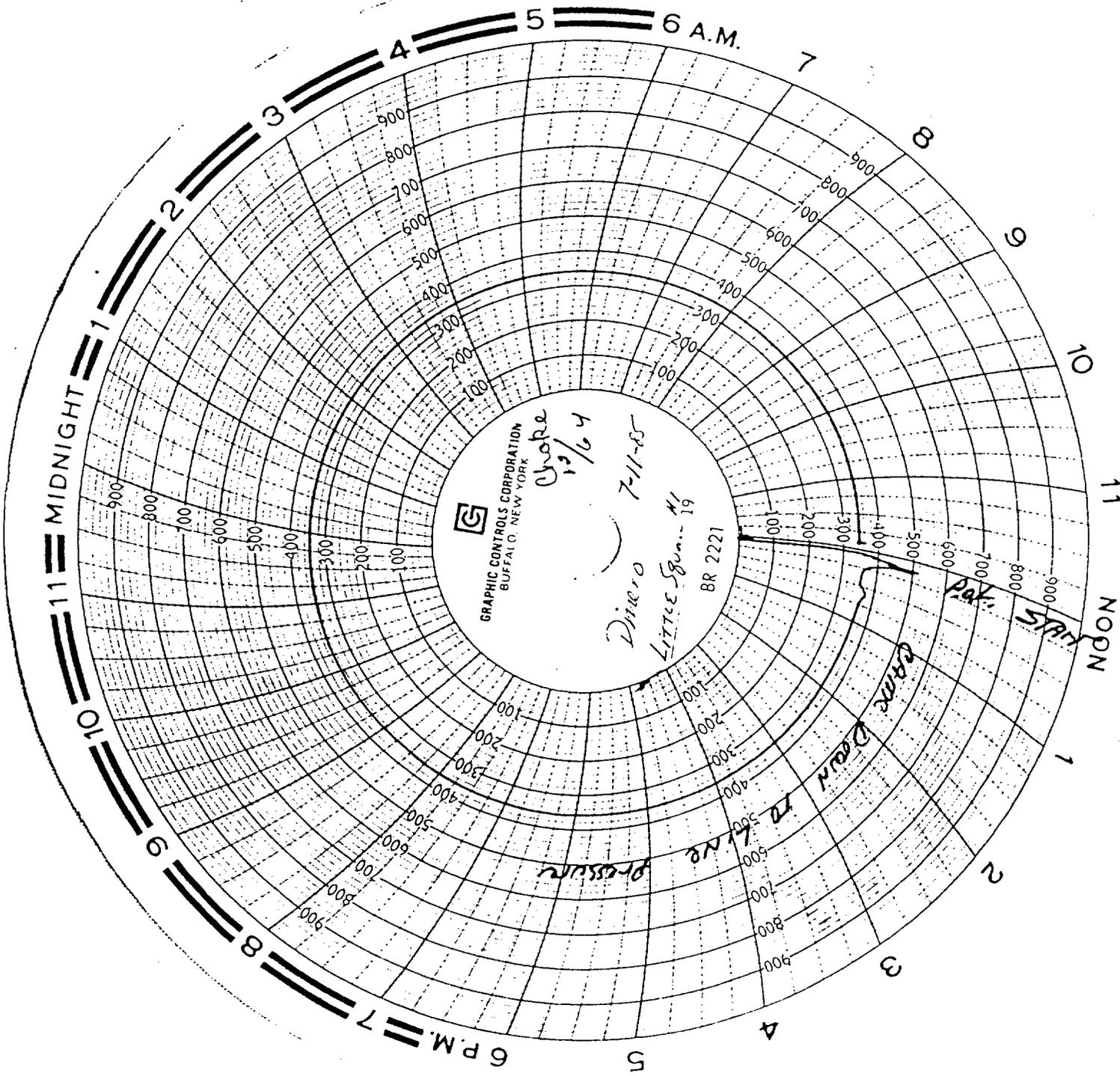
1000
 BR-2221
 12/64
 B-0-1000-8
 # 1000
 BR-2221
 12/64
 B-0-1000-8
 # 1000
 BR-2221
 12/64
 B-0-1000-8

COME DOWN THE PRESS

← NIGHT



PRINTED IN U.S.A.





DINERO
P. O. Box 10505

Midland, Texas 79702

(915) 684-4292

July 6, 1984

William F. Carr
Jefferson Place
Suite 1 - 110 North Guadalupe
Sante Fe, New Mexico 87501

Dear Bill,

Please find enclosed copies of the exhibits prepared for the hardship case.

If you have any questions, please feel free to contact me.

Best regards.

Sincerely,

DINERO OPERATING COMPANY

James C. Dewey
Land Manager

JCD/11e

Clarke Oil Well Servicing, Inc.

2422

BOX 2310 W. MEXICO PHONE 392-5531

ALBUQUERQUE, NEW MEXICO 88240

14640

November 13, 1980

Dinero Operating Company
Box 505
Midland, Texas 79701

Big Chief #3

96' Double Derrick Unit # 12

Depth: 12,000 Ft.

10/31/80 thru 11/7/80 - Ticket Nos. 30146 thru 30150 & 31402

Furnish labor & equipment to service well during workover operations.

64½	Hours	Unit & 4 Man. Crew @ 81.50 perhour	5,256.75
2	Days	Tubing Tong Rental @ 81.00	162.00
2	Days	Tubing Wiper Rental @ 25.50	51.00
1	Day	Swab Hose @ 15.00	15.00
			<u>5,484.75</u>
		4% Tax	<u>219.39</u>
			<u>5,704.14</u>

NOV 13 1980

FOR CHECK USE ONLY

TERMS - NET 30 DAYS

J. C. BARNES OIL CO.

Approved: *[Signature]*

Clarke Oil Well Servicing, Inc.

NEW MEXICO
NEW AMERICA

APL 100 1465/0

November 13, 1980

Hours 16

Company Operating Company Well No. Big Chief #3
Address Box 305 State Texas City Midland County Midland
Latitude 32° 00' Longitude 102° 00'

Double Derrick # 961 Single Derrick # 2812 Depth 12,000 Ft.
Crew Members 4 Rod Jars 1

Rod Back Off Tool Paraffin Knife

10/31/80 thru 11/7/80 Ticket Nos. 30146 thru 30150 & 31402
 Sand Pump Casting Fishing Tools

Furnish labor & equipment to service well during workover operations.
 Swab Line Charge Sever Rubbers

Swab Line No. _____ Size _____

641 Hours Unit & 4 Man Crew @ 81.50 per hour 5,256.75

Description of Work Performed: (Give a full and detailed description of what was done):

1 Day Tubing Tong Rental @ 162.00
1 Day Tubing Wiper Rental @ 51.00
1 Day Swab Hose @ 75.00
1 Day Rigging @ 548.75

Rods 4% Tax Tubing 219.39

Old Pump #	New Pump #	Supervisor

NOV 17 1980

FOR OFFICE USE ONLY

J. O. HARRIS 100.00

Approved: _____
 Prof. Time Arrival Ydls _____
 Total Road Time 3
 Total Location Time 1
 Voucher No. _____
 Total Time 4

TERMS - NET 30 DAYS

No 31402

Date 11/17/80 Approved by _____

ILLEGIBLE

OTIS ENGINEERING CORPORATION

66760

ADDRESS: DIRECT CORRESPONDENCE TO
P.O. BOX 34380 DALLAS, TEXAS 75234
TELEPHONE (214) 242-9668

SEND REMITTANCES TO
P.O. BOX 84456
DALLAS, TEXAS 75284

CUSTOMER NUMBER
0598000

J C BARNES OIL CO
P O BOX 505
MIDLAND TEX 79701



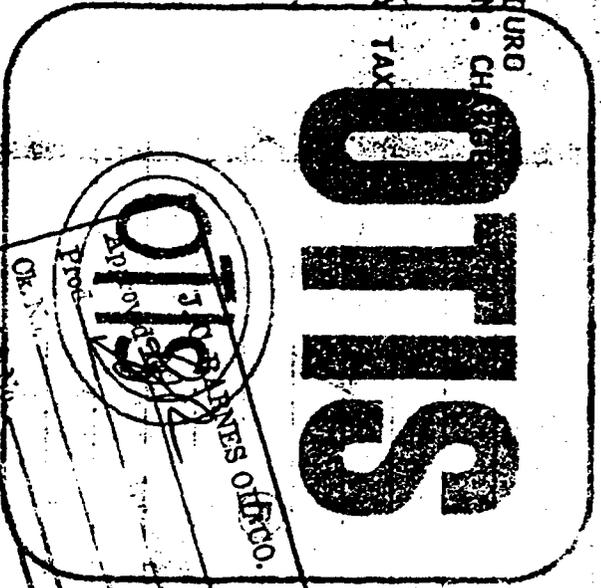
978114

DATE 11-27-79

SERVICE OR DELV DATE	TICKET NO.	PURCHASE ORDER NO.	BUYER	AP WELL NO.	WELL NAME AND LOCATION	INTEREST RATE
0-11-79	370525		403031		BIG CHIEF 3-NH	See Merchandise and Service Order

ALL CHARGES ARE DUE WITHIN 30 DAYS OF THE DATE OF INVOICE. PERFORMANCE OF SERVICES OR ACCRUAL OF OTHER CHARGES, WITHOUT DISCOUNT. ALL AMOUNTS ARE PAYABLE TO OTIS IN DALLAS, TEXAS, AND WILL BEAR INTEREST AT THE RATE OF 12% PER ANNUM FROM THE DATE OF INVOICE UNTIL PAID IN FULL. ALL SERVICES AND MATERIALS SPECIFIED HEREIN WERE FURNISHED SUBJECT TO TERMS AND CONDITIONS STATED ON OTIS MERCHANDISE AND SERVICE ORDER.

QTY	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
91	Q 1113 S.O. RINGS 9/16 X 3/4	1.00	1.70	1.70
91	Q 1011 H.O. RINGS 5/16 X 7/16	1.60	1.60	1.60
91	Q 1017 H.O. RINGS 11/16 X 13/16	2.40	2.40	2.40
91	Q 1239 H.O. RINGS 5/8 X 3 7/8	2.80	2.80	2.80
91	Q 1212 H.O. RINGS 7/8 X 1 1/8	1.80	1.80	1.80
91	M 1286 SEALER RING 38 X -24 90 DURO	4.40	4.40	4.40
06422	S.S.V. SERVICEMAN (LAND) - MIN. CHARGE	208.00	208.00	208.00
08099	MILEAGE CHARGE	150.00	.75	112.50
	3.75% N.M. STATE TAX			12.58
	25% HOBBS, N.M. CITY TAX			.83
				348.61



DEC 5 1979

ILLEGIBLE

We hereby certify that to the best of our knowledge and belief the items covered by this invoice have been produced in conformity with the applicable provisions of the Federal Fair Labor Standards Act of 1938, as amended.

08C1224



ORIGINAL INVOICE

93190

The Western Company of North America

P. O. BOX 2947

FORT WORTH, TEXAS 78113

TO **DINERO OPERATING COMPANY
DRAWER 10505
MIDLAND, TEXAS 79703**

**TERMS
NET CASH DUE ON OR
BEFORE 30 DAYS
AFTER DATE OF INVOICE**

FEDERAL I. D. NO. C 75-0763484

INVOICE NO.
64486

PLEASE DISREGARD THIS INFORMATION
24300 53 14 30 2 20 6

DATE MO DAY YR 07 23 0			OUR RECEIPT NO. 300532	SERVICES FROM OUR STATION AT ARTESIA STM.	OUR ENGINEER KING	SIGNED FOR YOU BY LOWDER
FOR SERVICING WELL NAME BIG CHIEF #3				COUNTY EDDY	STATE NEW MEXICO	YOUR ORDER NO.

UNITS	CODE	DEPTH AND DESCRIPTION	UNIT PRICE	AMOUNT
3500.0	C003A	7.5% ACID, PER GALLON	.470	1,645.00
10.5	C1031	I-15 H. T. ORGANIC INHIBITOR P./GAL	23.900	250.95
3500.0	C2561	MS ACID CONV CHG, PER GAL	.340	1,190.00
10.0	H0171	FS-F, PER GALLON	21.850	218.50
5.5	H0641	FR-20 FOR ACID, WATER OR BRINE P/GAL	29.900	164.45
8.5	H2281	CLAYMASTER, STABILIZING AGENT, P/GAL.	25.550	217.18
30.0	H3041	7/8 IN RCN HI TEMP BALLS, EA	1.900	57.00 *
1.0	J0071	ACID FRAC-700: 1ST 4 HRS. OR FRACTION	900.000	900.00 *
1.0	J3501	SAFETY WELLHD PROTECTR 1ST 8HR-FRAC.	787.000	787.00 *
40.0	J3531	WELLHD PROTECTR MILEAGE PER UNIT, MI	1.850	74.00 *
1.0	J3561	WELLHD PROTECTOR MOBILIZATION UN CHG	134.000	134.00 *
40.0	J3901	MILEAGE CHARGE, PER UNIT PER MILE	1.850	74.00 *
1.0	J5011	MANUAL BALL INJECTOR-1ST 4 HRS	105.000	105.00 *
SUB TOTAL				5,817.08
96300 NEW MEXICO STATE SALES TAX 3.75% *				79.93

W. OIL CO.
Tom
gcp
8-1-80
acid 13000

AUG 1 1980



INVOICE

93190

The Western Company of North America

P. O. BOX 2947

FORT WORTH, TEXAS 78113

TO **DINERO OPERATING COMPANY**
DRAWER 10505
MIDLAND, TEXAS 79703

TERMS
NET CASH DUE ON OR
BEFORE 30 DAYS
AFTER DATE OF INVOICE

FEDERAL I. D. NO. C 75-0783484

INVOICE NO.
76580

PLEASE DISREGARD THIS INFORMATION						
24300	53	14	30	2	20	6

DATE			OUR RECEIPT NO.	SERVICES FROM OUR STATION AT	OUR ENGINEER	SIGNED FOR YOU BY
MO	DAY	YE				
11	04	0	304946	ARTESIA STM.	HIGGINS	GOULD

FOR SERVICING WELL NAME			COUNTY	STATE	YOUR ORDER NO.
BIG CHIEF #3			EDDY	NEW MEXICO	

UNITS	CODE	DEPTH AND DESCRIPTION	UNIT PRICE	AMOUNT
250.0	C003A	7.5% ACID, PER GALLON	.470	117.50
1000.0	C003A	7.5% ACID, PER GALLON	.470	470.00
.5	C1031	I-15 H. T. ORGANIC INHIBITOR P./GAL	24.300	12.15
1.0	C1031	I-15 H. T. ORGANIC INHIBITOR P./GAL	24.300	24.30
250.0	C2561	MS ACID CONV CHG, PER GAL	.360	90.00
1000.0	C2561	MS ACID CONV CHG, PER GAL	.360	360.00
5.1	H1561	POTASSIUM CHLORIDE, PER CWT	19.250	98.18
9.0	H2221	LT-30, PER GAL	14.100	126.90
2.0	H2281	CLAYMASTER, STABILIZING AGENT, P/GAL.	25.550	51.10
.5	H2281	CLAYMASTER, STABILIZING AGENT, P/GAL.	25.550	12.78
10.0	H3041	7/8 IN RCN HI TEMP BALLS, EA	1.900	19.00 *
1.0	J0051	HHP PUMP 1ST 4 HRS OR FRACTION	615.000	615.00 *
1.0	J1301	MINIMUM PUMPING CHG, PER PUMP	1655.000	1,655.00 *
1.0	J3501	SAFETY WELLHD PROTECTR 1ST 8HR-FRAC.	787.000	787.00 *
52.0	J3531	WELLHD PROTECTR MILEAGE PER UNIT, MI	1.930	100.36 *
1.0	J3561	WELLHD PROTECTR MOBILIZATION UN CHG	134.000	134.00 *
156.0	J3901	MILEAGE CHARGE, PER UNIT PER MILE	1.930	301.08 *
45.0	J3901	MILEAGE CHARGE, PER UNIT PER MILE	1.930	86.85 *
1.0	J5011	MANUAL BALL INJECTOR-1ST 4 HRS	105.000	105.00 *
SUB TOTAL				5,166.20

96300 NEW MEXICO STATE SALES TAX 3.75% *

142.62

[Handwritten Signature]
NOV 17 1980

PAV THIS AMOUNT

INVOICE

CRC WIRELINE, INC.

15939

An Operation of CRUTCHER RESOURCES CORPORATION

Remit To P. O. Box 53127

Lafayette, Louisiana 70505

DINERO OPERATING CO

P. O. DRAWER 10505
MIDLAND TX 79702

For Inquiries Write or Call
P. O. Box 53127
Lafayette, Louisiana 70505
Phone (318) 237-3800

INVOICE NO.
37106

PLEASE DISREGARD THIS INFORMATION
24500 0513 1 30 1 20

SERVICE DATE
MO. DAY. YR.

INVOICE DATE 11 13 80	OUR RECEIPT NO. 45252	SERVICES FROM OUR STATION AT HOBBS	OUR ENGINEER WHEELER	SIGNED FOR YOU BY GOULD
FOR SERVICING WELL NAME BIG CHIEF NO. 3		COUNTY EDDY	STATE N. MEXICO	YOUR ORDER NO. 000

UNITS	CODE	DEPTH AND DESCRIPTION	UNIT PRICE	AMOUNT
1	050012	5 1/2 IN CIBP	580	627.80
12400	060020	DEPTH CHARGE PLUG	18.00	2232.00
1	001010	SERVICE CHARGE	550.00	550.00
12400	060202	CASING DUMP BAILER	.11	1364.00
2	050310	CEMENT 1-5 Holes	113.00	226.00
16	040310	HOLLOW TUBE CARRIER 1 11/16 IN	.00	
1	040351	1-5 HOLES	2250.00	2250.00
11	040353	OVER 5 HOLES	48.70	535.70
16	040191	THROUGH TUBING GUN	1.90	30.40
2	040410	SECTIONS BLANKED OFF	24.10	48.20
16	040411	PREMIUM CHARGES	3.60	57.60
1	003021	PRESSURE CONTROL	850.00	850.00
1	0513	NM 4% TAX	342.87	342.87

NOV 20 1980

Approved: *[Signature]*
 Prod. Inc.
 Ok. No. _____
 Voucher No. _____

6540.00 GO

ILLEGIBLE

8914.57

OFFICE: 746-3882
NITE: 746-8600

MACK CHASE, INC.

P. O. Drawer V
ARTESIA, NEW MEXICO 88210

INVOICE NO.
2638

DATE
8-15-80

DINERO INC
DRAWER 10505
MIDLAND TX 79702

MAC

13996

LEASE: BIG CHIEF WELL NO. 3 PURCHASE ORDER NO. Pg. 1

DATE	TICKET NO.	SERVICES RENDERED	HOURS	RATE	AMOUNT
7-17-80	30064	RU, flow line & start swabbing. Swab Unit w/2 men Swab Cups O.S.R.	8.5 4 2	50.00 10.50 6.75	425.00 42.00 13.50
7-18-80	30065	Bled well down, pulled out swab, ran sinker bar to 11500 worked between 9000 & 11500 pulled out, swabbed dry, made one run every hour. Swab Unit w/2 men Swab Cups O.S.R.	13.5 6 2	50.00 10.50 6.75	675.00 63.00 13.50
-19-80	30066	Bled well off, ran swab, swabbed well dry, Sd. Swab Unit w/2 men Swab Cups O.S.R.	8 2 2	50.00 10.50 6.75	400.00 21.00 13.50
21-80	30067	Bled well down, started swabbing. Swab Unit w/2 men Swab Cups O.S.R.	13 6 2	50.00 10.50 6.75	650.00 63.00 13.50
-22-80	30068	Bled well down, swabbed well dry, SD. Swab Unit w/2 men Swab Cups O.S.R.	10.5 2 2	50.00 10.50 6.75	525.00 21.00 13.50
23-80	30069	Bled well down, ran swab, acidized, SD. Swab Unit w/2 men Swab Cups O.S.R. Swabbed in acid	15.5 6 4 10	50.00 10.50 6.75 7.00	775.00 63.00 27.00 70.00

OFFICE: 746-3882
NITE: 746-8500

MACK CHASE, INC.

P. O. Drawer V
ARTESIA, NEW MEXICO 88210

INVOICE NO.
2638

TO: **DINERO INC**

DATE
8-15-80

LEASE: **BIG CHIEF** WELL NO. **3** PURCHASE ORDER NO. **Pg. 2**

DATE	TICKET NO.	SERVICES RENDERED	HOURS	RATE	AMOUNT
4-24-80	31895	Bled well down, started swabbing, SD.	11.5	50.00	575.00
		Swab Unit w/2 men	6	10.50	63.00
		Swab Cups	2	6.75	13.50
		O.S.R.			
5-80	30070	Bled well down, started swabbing, SD.	10	50.00	500.00
		Swab Unit w/2 men	4	10.50	42.00
		Swab Cups	2	6.75	13.50
		O.S.R.			
6-80	30071	Bled well off, swabbed dry, SD.	8	50.00	400.00
		Swab Unit w/2 men	2	10.50	21.00
		Swab Cups	2	6.75	13.50
		O.S.R.			
7-27-80	30072	Bled well down, swabbed dry, SD.	7	50.00	350.00
		Swab Unit w/2 men	2	10.50	21.00
		Swab Cups	2	6.75	13.50
		O.S.R.			
8-28-80	34012	Swabbed all day, SD.	8.5	50.00	425.00
		Swab Unit w/2 men	2	10.50	21.00
		Swab Cups	2	6.75	13.50
		O.S.R.			
9-80	34476	Well had 400 lbs on it, blowed it down, swabbed, fluid level stayed around 7500 ft from surface, SD.	9.5	50.00	475.00
		Swab Unit w/2 men	4	10.50	42.00
		Swab Cups	2	6.75	13.50
		O.S.R.			

OFFICE: 746-3692
NITE: 746-0500

MACK CHASE, INC.

P. O. Drawer V
ARTESIA, NEW MEXICO 88210

INVOICE NO.
2638

TO: **DINERO INC**

DATE
8-15-80

LEASE: **BIG CHIEF** WELL NO. **3** PURCHASE ORDER NO. **Pg. 3**

DATE	TICKET NO.	SERVICES RENDERED	HOURS	RATE	AMOUNT
7-30-80	34477	Well had 1400 psi on it, blowed it down, ran swab in, fluid level was 6500 ft. from surface, shut in well, SD.			
		Swab Unit w/2 men	9.5	50.00	475.00
		Swab Cups	4	10.50	42.00
		O.S.R.	2	6.75	13.50
-31-80	34015	Swabbed all day, put it to the line, SD.			
		Swab Unit w/2 men	11.5	50.00	575.00
		Swab Cups	4	10.50	42.00
		O.S.R.	4	6.75	27.00
-1-80	33866	Swabbed well, .			
		Swab Unit w/2 men	9.5	50.00	475.00
		Swab Cups	4	10.50	42.00
		O.S.R.	2	6.75	13.50
2-80	31897	Bled well down, Swabbed well dry, turned well down line, SD.			
		Swab Unit w/2 men	6	50.00	300.00
		Swab Cups	2	10.50	21.00
		O.S.R.	2	6.75	13.50
-80	34493	Well had 400 psi, blew it down, flowed fluid out, swabbed it, fluid level 6000 ft from surface, swabbed it down, shut in well, SD.			
		Swab Unit w/2 men	9.5	50.00	475.00
		Swab Cups	6	10.50	63.00
		O.S.R.	2	6.75	13.50

OFFICE: 746-3692
NITE: 746-6500

13770
MACK CHASE, INC.
P. O. Drawer V
ARTESIA, NEW MEXICO 88210

INVOICE NO.
2638

TO:

DINERO INC

DATE
8-15-80

LEASE BIG CHIEF WELL NO. 3 PURCHASE ORDER NO. Pa 4

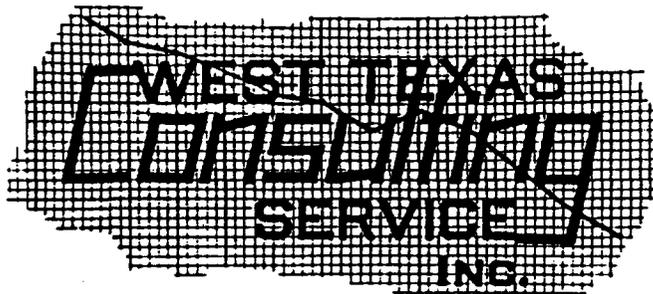
DATE	TICKET NO.	SERVICES RENDERED	HOURS	RATE	AMOUNT
-5-80	34551	Well had 1500 psi on tubing, blew it down, made 2 swab runs, SD.			
		Swab Unit w/2 men	8.5	50.00	425.00
		Swab Cups	2	10.50	21.00
		O.S.R.	2	6.75	13.50
6-80	34552	400 lbs on tubing, blew it down, made 1 swab run, RD, cleaned location.			
		Swab Unit w/2 men	4	50.00	200.00
		Swab Cups	2	10.50	21.00
		OS.R.	2	6.75	13.50
		WELL SERVICE			9170.00
		SUPPLIES			1018.50
		3.75% TAX			382.07
		TOTAL			10570.57

2% Discount if paid in 10 days
1½% Interest on 30 days past due

[Handwritten Signature]
8-18-80

Thank you

H. L. HAGLER
President



P. O. BOX 4458
MIDLAND, TEXAS 79701

TELEPHONES
AREA CODE 915
682-5361 • 563-1810

INDIVIDUAL WELL DATA SHEET

Company BARNES OIL COMPANY Lease BIG CHIEF Well No. 2
Field _____ County _____ State _____
Test Date 04-09-79 Time _____ Status of Well _____ Shut In _____
Top of Pay _____ Total Depth _____ Producing Formation _____
Tubing _____ Depth _____ Packer NONE Pressure Datum _____ MPP
Casing _____ Depth _____ Perf. _____ Liner _____

Depth Feet	Δ Depth	Pressure Lbs. Sq. In.	Δ Pressure	*Gradient Lbs./Ft.	
SURFACE		1774.276			
	2500		66.141	.026	Tubing Press. 1777 DWG
2500		1840.418			Top of Fluid NO
	2500		80.314	.032	Top of Water NO
5000		1920.733			Hrs.-Shut In
	2500		105.511	.042	
7500		2026.245			Elevation
	2500		107.086	.042	Last Test Date INITIAL TEST
10000		2133.331			Press. Last Test
	1600		104.461	.065	B.H.P. Change
11600		2237.793			
	500		41.994	.083	RPG 15507
12100		2279.788			Calibration No. 36
	200		18.897	.094	Run By M. B. DAVIS
12300 RUN DEPTH		2298.685			Calculated By B. L. SWAFFORD

Pressure and Gradients are calculated in decimals. Pressure and Δ pressure are shown to the nearest pound.

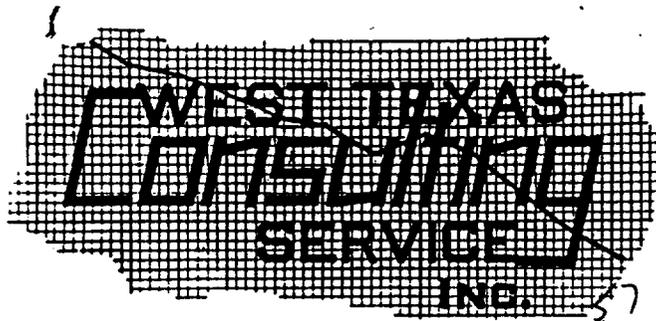
Calculations and Remarks: All Pressure Instruments Are Temperature Compensated

09-11-79
Distribution

4: P. O. BOX 505
MIDLAND, TEXAS 79702

1: OUR FILE

H. L. HAGLER
President



APR 12 1979

P. O. BOX 4458
MIDLAND, TEXAS 79701

TELEPHONES
AREA CODE 915
682-5361 • 563-1810

TO Barnes Oil Company

P. O. Box 505-Midland, Texas 79702
FOR Big Chief 4-9-79 Well No. 2

INVOICE NO. 5037

DATE 4-11-79

CUSTOMER'S
ORDER NO.

Minimum Day for Sub Surface Pressure		\$	125.00
5300' Extra Footage Below 7000'	\$.006	31.80
Mileage Charge 344 Miles		.45	154.80
TOTAL CHARGES			\$ 311.60

J. C. BARNES OIL CO.

Approved _____

Prod. _____ Inc. _____

Ck. No. 41836

Voucher No. 5191

"THANK YOU"



NOWSCO

Nitrogen Oil Well Service Company

Phone AC 713-861-4111 • P. O. Box 3047 • Houston, Texas 77001



DIVISION OF
BIG THREE INDUSTRIES

TO INSURE PROPER CREDIT RETURN ONE COPY OF THIS INVOICE WITH YOUR REMITTANCE

S 076058-00
O J. C. BARNES OIL CO
L PO BOX 505
D MIDLAND TX

LAND INLAND WATER OFFSHORE

WELL: **BIG CHIEF #2**

FIELD: **WILDCAT**

#4557
Datong

TX 79701

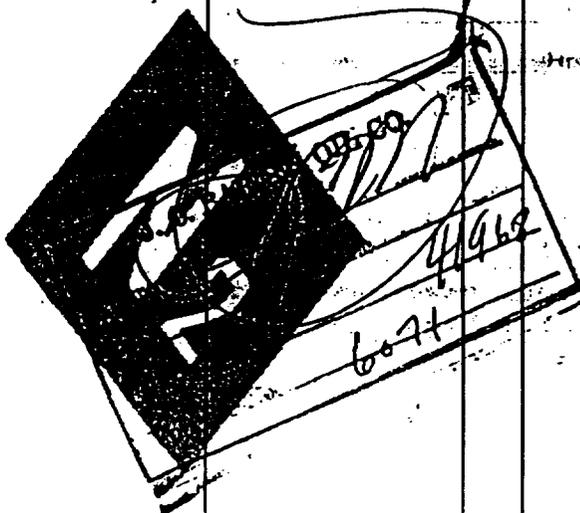
COUNTY OR PARISH: **EDDY, NM**

Type Job: **ACID**

DATE	WELL NO	WELL NAME	WELL TYPE	DATE	INVOICE #
4/12/79	451541	451		4/30/79	137662

RT	DESCRIPTION	QUANTITY	UNIT	PRICE	TOTAL
14503	FIRST TWO UNITS 50,000	2.00	E	500.00	1,000.00
14503	NEXT	25,000.00	C	1.10	275.00
14503	NEXT	25,000.00	C	1.00	250.00
14503	NEXT	79,000.00	C	.90	711.00
4523	MILEAGE	40.00	E	1.20	48.00
4521	TIME	5.00	E	45.00	225.00
4527	PRESSURE CHARGE	2.00	E	110.00	220.00
9104	ROYALTY	179,000.00	C	.04	71.60
2270	3.75% NEW MEXICO TAX				105.02
				SUBTOTAL	2,905.62
					INVOICE TOTAL
				2,800.60	105.02
					2,905.62

MAY 10 1979



LOCATIONS:
 HOBBS, NEW MEXICO
 EUNICE, NEW MEXICO
 ANDREWS, TEXAS

PHONE 392-6591

D A and S Oil Well Servicing, Incorporated

P. O. BOX 2848
 HOBBS, NEW MEXICO 88240

Invoice No. 79-2540
 A F E No.
 Contract No.
 Your Order No.
 Field

Barnes Exploration Company
 Box 505
 Midland, Texas 79701

#4557
J. D. Long

Pay Zone
 Date Invoiced 4-24-79

SOLD TO

Lease or Location

Big Chief

State NM

Well No. 2

DATE	DESCRIPTION	HOURS	RATE	AMOUNT
4-12-79 60735	Move unit #163 to location. Unit with 4 man crew	9	68.66	\$ 617.94
4-13-79 60736	Rig up, swab well, rig down. Unit with 4 man crew	9	68.66	617.94
	Swab Cups, 2" Bell Excell, 2 @ \$10.50 each			21.00
	Oil Saver Rubbers, Bell, 2 @ \$6.75 each			13.50
	3.75% New Mexico State Tax			\$1270.38
				47.64
				<u>\$1318.02</u>

1% Discount Allowed If Paid Within 30 Days

J. O. BARNES OIL CO.

Approved: *[Signature]*

Title: _____ Inc.

Ch. No. 4709

Voucher No. 5064

John D. Long

APR 25 1979

BENNETT WIRE LINE SERVICE

BOX 787 - PHONE 746-3281
ARTESIA, NEW MEXICO - 88210

Sold To. J. C. Barnes Oil Co.
P.O. Box 505
Midland, Texas 79701

WORK ORDER NO. _____
& DATE 3-25-79
REQUISITION NO. _____
CONTRACT NO. _____
REFER TO INVOICE NO. 379-29
INVOICE DATE _____
VENDOR'S NO. _____

#4557

Jrdang

DATE	QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
------	----------	-------------	------------	--------

Lease - Big Chief
Well # 2
State - N. M.

3-25-79
12:00 am

Temperature Survey *APR 26 1979*
Minimum Charge
96 miles round trip

75.00	75.00
.30	<u>28.80</u>
	103.80

J. C. BARNES OIL CO.
Approved *JCM*
Prod _____ Inc. 41677
Chk. No. _____
Voucher No. 5032

John Jones

Tax	<u>4.15</u>
Total	107.95

El Paso
Natural Gas Company

Lavorda *we need to comply*
with this

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-541-2600

April 6, 1984

DINERO OPERATING CO.
P.O. DRAWER 10505
MIULAND, TX 79702

Return Receipt Requested

Re: Hardship Gas Wells
State of New Mexico
Energy and Minerals Department
Oil Conservation Commission
Order No. R-7453

Gentlemen:

The attached print out indicates El Paso Natural Gas Company is producing your well, or wells, in such a manner that they are not completely shut-in during periods of low demand for gas.

In order to avoid occasional shut-in of the well, or wells, your company must furnish the undersigned a copy of an application or notice of hearing from the New Mexico Oil Conservation Division within 60-days which will indicate you are seeking a hardship status as provided for in Order No. R-7453.

The Division Director has the authority to permit an additional 90-day emergency hardship gas well classification for any well for which an application is received by May 2, 1984. In absence of an application, order or an administrative directive from the New Mexico Oil Conservation Division, we must return your well, or wells, to normal scheduling.

If you have any questions concerning this matter, please contact.

Very truly yours,

Paul W. Burchell

Paul W. Burchell
Conservation Engineer
(915) 541-3860

/je
Attachment

Les Clements - 3:15 PM
5/2/84 W.C. Beck
for an Extension of Hearing

DINERO OPERATING CO
DINERO OPERATING CO
DINERO OPERATING CO
DINERO OPERATING CO
DINERO OPERATING CO

195
252
175
317
512
2,276

2,276

SIG CHIEF #1
LITTLE SQUAD #1
LITTLE SQUAD #2
SIG CHIEF #4
SIG CHIEF #5 ATOKA
SIG CHIEF #2

5011301
5011301
5011301
5011301
5011301
5011301

01
01
01
01
01
01

25742
25750
27661
30288
31346

NEW MEXICO
NEW MEXICO
NEW MEXICO
NEW MEXICO
NEW MEXICO

TOTAL
COUNT

TOTAL
COUNT

STATE

ADW

6

0

ILLEGIBLE

JUN 28 1984

CAMPBELL, BYRD & BLACK, P.A.
LAWYERS

JACK M. CAMPBELL
HARL D. BYRD
BRUCE D. BLACK
MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
J. SCOTT HALL
PETER N. IVES
RUTH S. MUSGRAVE
LOURDES A. MARTINEZ

JEFFERSON PLACE
SUITE 1 - 110 NORTH GUADALUPE
POST OFFICE BOX 2208
SANTA FE, NEW MEXICO 87501
TELEPHONE: (505) 988-4421
TELECOPIER: (505) 983-6043

June 26, 1984

Mr. Jim Dewey
Dinero Operating Company
Post Office Box 10505
Midland, Texas 79702

Re: Oil Conservation Division Cases 8218, 8219, 8220
and 8221: Applications of Dinero Operating Company
for Hardship Gas Well Classification, Eddy County,
New Mexico.

Dear Jim:

Enclosed is a general outline of testimony to be used in preparing a case for hardship well classification. Please treat the enclosed outline only as a general starting point in preparing your testimony. I will be back in the office on June 29, and will call you at that time so that we may discuss these cases further.

Best regards.

Very truly yours,

William F. Carr
William F. Carr WFC

WFC/cv
enclosure

HARDSHIP WELLS
OCD ORDER R-7453
OCD RULES 408 THROUGH 412

WITNESS: _____

1. State your name and place of residence.
2. By whom employed and in what capacity?
3. Have you previously testified before this Division or one of its examiners?
 - a. Summarize your educational background.
 - b. Review your work experience.
4. Are you familiar with the application filed in this case and the subject well?

ARE THE WITNESS' QUALIFICATIONS ACCEPTABLE?

5. Identify EXHIBIT #1. (Application for Classification as Hardship Gas Well)
 - a. When was this application filed?
 - b. Were copies filed with the Santa Fe and District offices of the OCC?
 - c. Was an emergency hardship classification sought for this well?
 - d. When was the emergency classification granted?
6. Refer to the Plat included in the application and identify the well for which the hardship gas well classification is sought.

7. In what pool is it completed?
8. Is this a prorated pool?
9. If in a prorated pool, what is the well's status? (Marginal or non-marginal; over-produced - under-produced)
10. What acreage is dedicated to the well? (Standard unit?)
11. Does the plat show the offsetting operators? (Are these operators set out on a separate list in the application?)
12. Has notice of the application been given to these offsetting operators? (Certification attached to application).
13. Did the notice contain the "minimum sustainable producing rate" which you seek in this case?
14. Was this notice also given to the transporter and purchaser of the gas? (Certification attached to application).
15. What "minimum sustainable producing rate" are you seeking?
16. How was this rate obtained? (Minimum flow test/log of test (when run) productive history - see paragraph 5 of Oil Conservation Division Application Form)
17. Will underground waste occur if production from this well is curtailed below this recommended producing rate? (or if the well is shut-in)

18. Describe how this underground waste will occur. (Description of the Problem)
19. What attempts have you made to eliminate this problem? (It must be shown that all reasonable and economic attempts have been made to eliminate this problem - or an explanation given why attempts were not made).

20. Review the historical data on this well.

SHOW:

- a. Loss of productivity after shut in.
- b. Frequency and actual cost of swabbing after shut in or curtailment - including length of swab-time.
- c. Actual cost figures showing inability to continue operations without special relief.
- d. Any other data which shows that curtailment would result in underground waste.

(Refer to any production data, production graphs or completion records attached to the application).

21. Review the wellbore sketch. (Note any mechanical conditions that would limit your ability to eliminate this problem without a hardship classification - see paragraph 2 of Oil Conservation Division Application Form).
22. If a hardship classification is not granted for this well, could it result in its premature abandonment?
23. How much reserves would be lost if the hardship classification is not granted? (Review calculations show lost reserves).

24. Summary:

- a. Have you acted in a responsible and prudent manner to eliminate the problems which will result from curtailing production from the subject well prior to requesting a hardship well classification?
- b. Will granting this application prevent underground waste of natural gas?
- c. Will granting this application be in the best interest of conservation of natural gas?
- d. Have all offsetting operators been notified of this application and the production rate sought?

25. Was Exhibit #1 prepared by you or under your direction and supervision?

OFFER EXHIBITS.