

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO ZONE SEGREGATION TEST

Operator <u>Tommy</u>			Lease <u>N.M. O' STATE NOT-1</u>			Well No. <u>18</u>	
Location of Well	Unit <u>H</u>	Sec <u>36</u>	Twp <u>17N</u>	Rge <u>34E</u>	County <u>Chaves</u>		
Name of Reservoir or Pool			Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size	
Upper 1	<u>Vacuum 1/2c (North)</u>		<u>oil</u>	<u>Flow</u>	<u>Csg</u>	<u>30/64</u>	
2	<u>Vacuum Upper Penn</u>		<u>oil</u>	<u>Flow</u>	<u>Csg</u>	<u>30/64</u>	
3	<u>Vacuum Wellcamp</u>		<u>oil</u>	<u>Flow</u>	<u>Csg</u>	<u>30/64</u>	
Lower 4							

FLOW TEST NO. 1

All zones shut-in at (hour, date): 7:45 A.M. 9-9-75

Well opened at (hour, date): 7:45 A.M. 9-9-75

	1	2	3	4
Indicate by (X) the zone producing		X		
Pressure at beginning of test	<u>80</u>	<u>20</u>	<u>760</u>	
Stabilized? (Yes or No)	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>	
Maximum pressure during test	<u>80</u>	<u>30</u>	<u>760</u>	
Minimum pressure during test	<u>80</u>	<u>20</u>	<u>740</u>	
Pressure at conclusion of test	<u>80</u>	<u>30</u>	<u>760</u>	
Pressure change during test (Maximum minus Minimum).	<u>No change</u>	<u>10</u>	<u>80</u>	
Was pressure change an increase or a decrease?.....	<u>No change increase decrease</u>			
Well closed at (hour, date):	<u>2:00 P.M. 9-9-75</u>		Production	
Oil Production	<u>6 bbls 15 min.</u>			
During Test: <u>3</u> bbls; Grav. <u>38.2</u> ;	During Test <u>11.0</u>		MCF; GOR <u>3675</u>	

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): 7:45 A.M. 9-9-75

	2	3	4
Indicate by (X) the zone producing		X	
Pressure at beginning of test	<u>80</u>	<u>30</u>	<u>750</u>
Stabilized? (Yes or No)	<u>Yes</u>	<u>Yes</u>	<u>No</u>
Maximum pressure during test	<u>80</u>	<u>40</u>	<u>750</u>
Minimum pressure during test	<u>80</u>	<u>30</u>	<u>30</u>
Pressure at conclusion of test	<u>80</u>	<u>40</u>	<u>75</u>
Pressure change during test (Maximum minus Minimum).	<u>No change</u>	<u>10</u>	<u>720</u>
Was pressure change an increase or a decrease?.....	<u>No change increase decrease</u>		
Well closed at (Hour, date)	<u>7:45 A.M. 9-9-75</u>		Production
Oil Production	<u>24 hours</u>		
During Test: <u>50</u> bbls; Grav. <u>38.2</u> ;	During Test <u>27.6</u>		MCF; GOR <u>552</u>

Remarks _____

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO ZONE SEGREGATION TEST

Operator <u>TEVCO INC.</u>		Lease <u>N.M. 'O' STATE UNIT 1</u>			Well No. <u>18</u>
Location of Well	Unit <u>H</u>	Sec <u>36</u>	Twp <u>17</u>	Rge <u>34</u>	County <u>LEA</u>

FLOW TEST NO. 3

Well opened at (hour, date): 7:45 9-11-75

	1	2	3	4
Indicate by (X) the zone producing.....	<u>X</u>			
Pressure at beginning of test	<u>80</u>	<u>40</u>	<u>760</u>	
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>	
Maximum pressure during test	<u>80</u>	<u>40</u>	<u>760</u>	
Minimum pressure during test	<u>40</u>	<u>40</u>	<u>770</u>	
Pressure at conclusion of test	<u>40</u>	<u>40</u>	<u>770</u>	
Pressure change during test (Maximum minus Minimum)	<u>40</u>	<u>No change</u>	<u>10</u>	
Was pressure change an increase or a decrease?.	<u>decrease</u>	<u>No change</u>	<u>increase</u>	
Well closed at (hour, date): <u>2:15 pm 9-11-75</u>	Total Time On Production <u>6 hours 30 min</u>			
Oil Production	Gas Production			
During Test: <u>2</u> bbls; Grav. <u>37.6</u> ;	During Test <u>309</u>	MCF; GOR <u>1545</u>		

Remarks _____

FLOW TEST NO. 4

Well opened at (hour, date): _____

	1	2	3	4
Indicate by (X) the zone producing				
Pressure at beginning of test				
Stabilized? (Yes or No)				
Maximum pressure during test				
Minimum pressure during test				
Pressure at conclusion of test				
Pressure change during test (Maximum minus Minimum)				
Was pressure change an increase or a decrease?.				
Well closed at (hour, date) _____	Total time on Production _____			
Oil Production	Gas Production			
During Test: _____ bbls; Grav. _____;	During Test _____	MCF; GOR _____		

Remarks _____

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

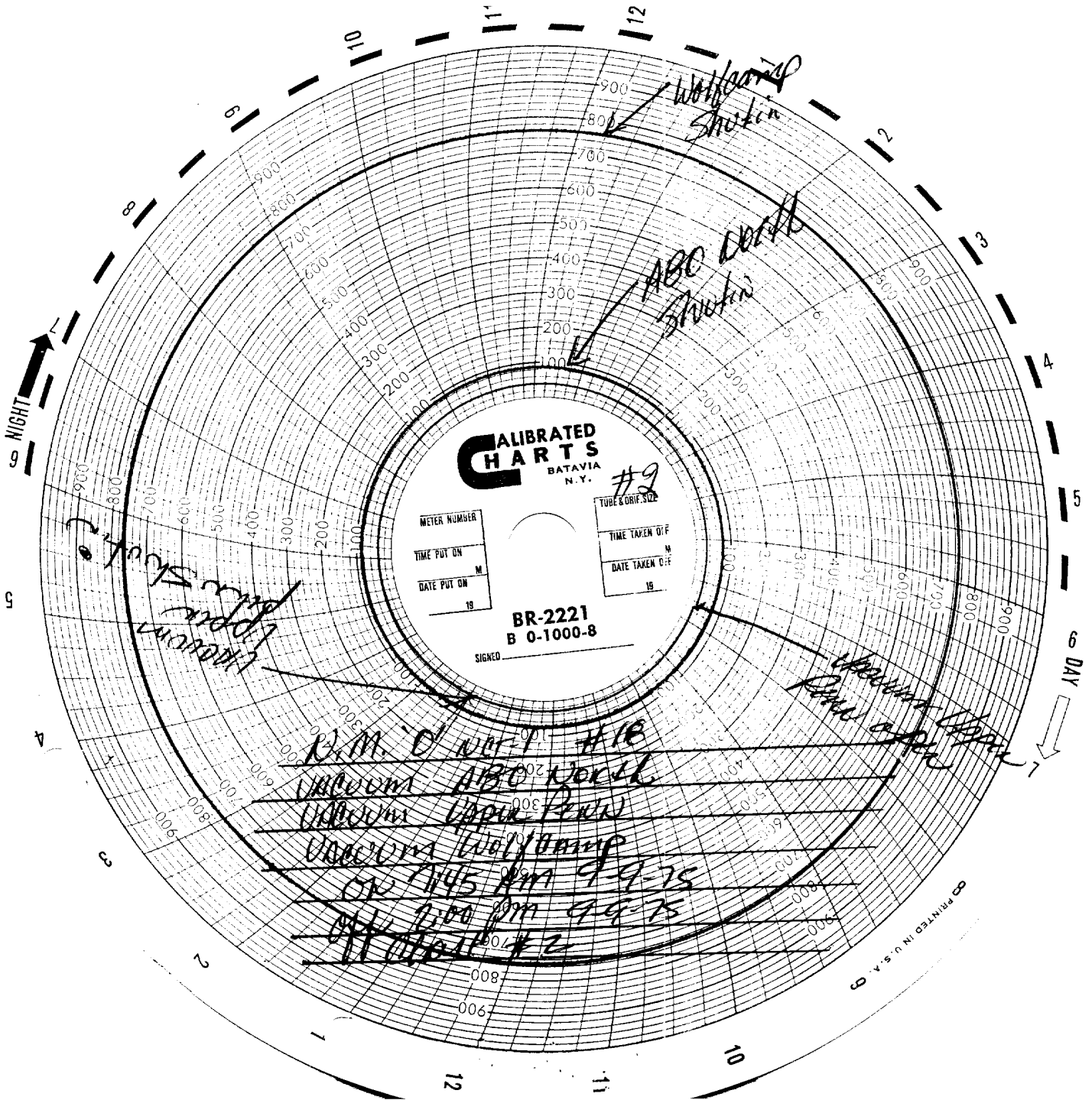
Approved _____ 19 _____ TC
New Mexico Oil Conservation Commission
By John W. Rumpson
Title Geologist

Operator _____
By J. W. Rumpson
Title District Superintendent
Date September 16, 1975

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY

1954

1954



PRINTED IN U.S.A. ©

DAY

NIGHT

5

5

3

8

2

6

11

10

12

11

12

11

10

1

2

3

4

5

6

7

8

9

10

11

12

1

2

3

4

500

600

800

900

900

800

700

600

500

400

300

200

100

0

900

800

700

600

500

400

300

200

100

0

900

800

700

600

500

400

300

200

100

0

900

800

700

600

500

400

300

200

100

0

900

800

700

600

500

400

300

200

100

0

SIGNED
BR-2221
B 0-1000-8

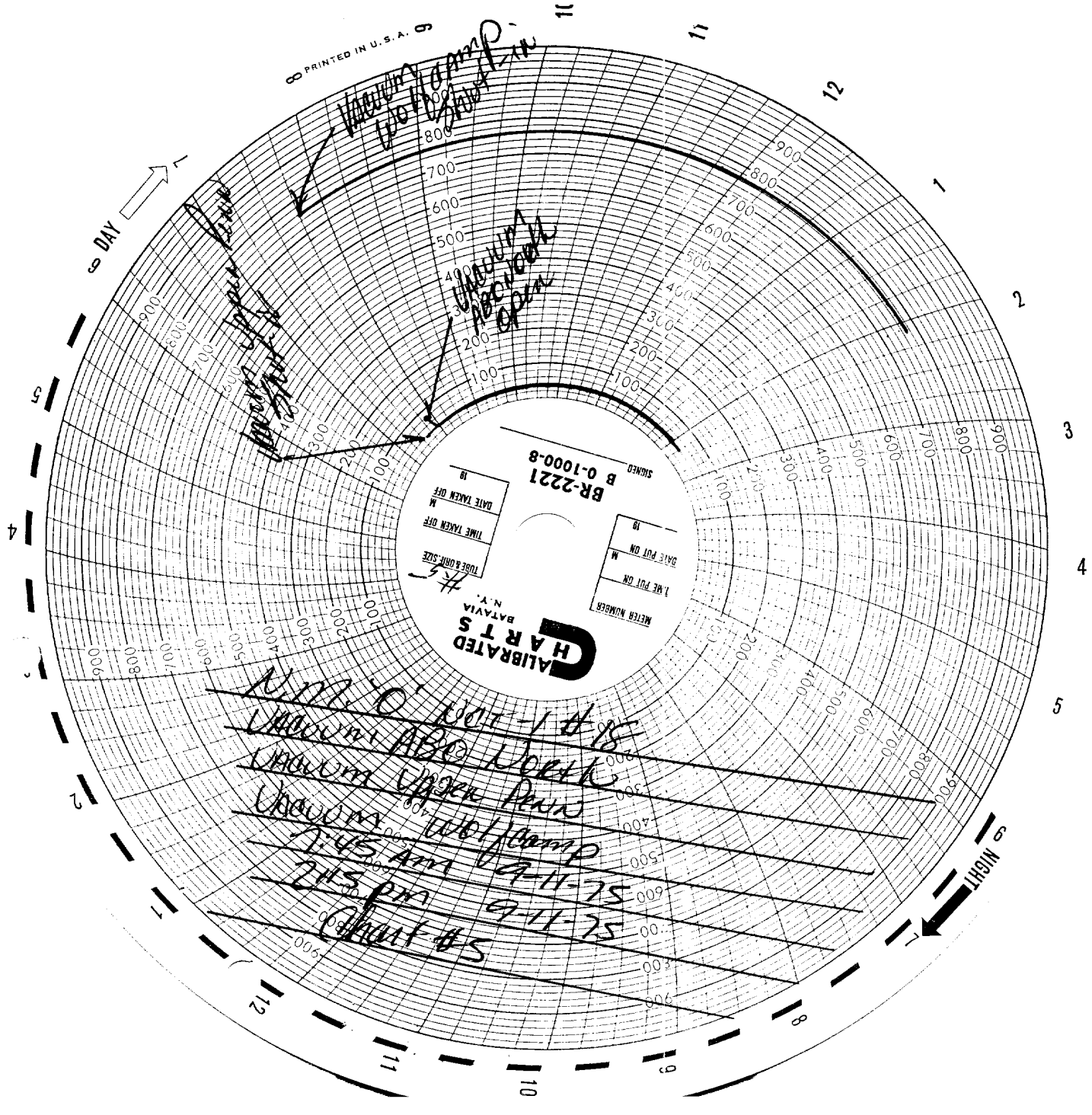
DATE TAKEN ON
TIME TAKEN OFF
TUBE & OHM SIZE

DATE PUT ON
METER NUMBER

ALIBATED
CHARTS
N.Y.
BATAVIA

~~W. M. O'NEILL #18
VACUUM ABO WORK
VACUUM (W/LEAD)
VACUUM (W/LEAD)
OPEN 7:45 PM 9-9-75
BY 7:45 PM 9-10-75
CHART #3~~

~~W. M. O'NEILL #18
VACUUM ABO WORK
VACUUM (W/LEAD)
VACUUM (W/LEAD)
OPEN 7:45 PM 9-9-75
BY 7:45 PM 9-10-75
CHART #3~~



CALIBRATED
HARTS
 PATENTED N.Y.

METER NUMBER: _____
 DATE PUT ON: _____
 TIME TAKEN OFF: _____

SIGNED: _____
 BR-2221
 B 0-1000-8

TUBE & GUN SIZE: _____
 DATE TAKEN OFF: _____
 TIME TAKEN OFF: _____

~~VACUUM WORK - 1-11-75~~
~~VACUUM WORK~~
~~VACUUM UPPER PENN~~
~~VACUUM TUB CAMP~~
~~1:45 AM 9-11-75~~
~~2:15 PM 9-11-75~~
~~Chart #5~~

DAY

NIGHT