

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	HOBBS OCD State of New Mexico Energy, Minerals and Natural Resources OCT 22 2012 Oil Conservation Division 1220 South St. Francis Dr. RECEIVED Santa Fe, NM 87505	Form C-105 Revised August 1, 2011
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name Rocking 12			
7. Type of Completion: ☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☒ OTHER Dry Hole								6. Well Number: 1			
8. Name of Operator NEARBURG PRODUCING COMPANY								9. OGRID 15742			
10. Address of Operator 3300 N. A Street, Bldg. 2, Suite 120 Midland, TX 79707								11. Pool name or Wildcat			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	
Surface:	B	12	12S	32E		720	N	1335	E	Lea	
BH:											
13. Date Spudded 9/12/12		14. Date T.D. Reached 10/06/12		15. Date Rig Released 10/08/12		16. Date Completed (Ready to Produce)			17. Elevations (DF and RKB, RT, GR, etc.) 4321' GR		
18. Total Measured Depth of Well 10,530'				19. Plug Back Measured Depth		20. Was Directional Survey Made? NO			21. Type Electric and Other Logs Run LDT-CNL-HRAL-SONIC-GR-CAL		
22. Producing Interval(s), of this completion - Top, Bottom, Name											

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5	410'	17 1/2"	440	
8 5/8"	54.5	3933'	12 1/4"	2042	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number) No perfs.				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED						
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28. SEE ATTACHED. PRODUCTION

Date First Production		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)				Well Status (<i>Prod. or Shut-in</i>) Dry Hole	
Date of Test 9/28/12	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)	

29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>)	30. Test Witnessed By
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31. List Attachments C-103 NOI, C-103 Casing/Cement & P&A, CLEZ-144, DST 9-28-12
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32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.
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33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude			Longitude			NAD 1927 1983		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief								
Signature Vicki Johnston E-mail Address vjohnston1@gmail.com			Printed Name Vicki Johnston			Title Agent for NPC Date 10/18/12		

APR 08 2013

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology



COMPANY : NEARBURG PRODUCING COMPANY
LEASE : ROCKING "12"
WELL NO : # 1
FIELD : STRAWN
COUNTY/STATE : LEA / NEW MEXICO

TEST DATE : 09/28/12
D.S.T. NO. : 1
TEST TKT. NO. : 26811
INVOICE NO. : 24425
ORDER NO. :

FORMATION : BOUGH "C"
INTERVAL (ft) : 9260 TO 9340
TOTAL DEPTH (ft) : 9340
ELEVATION (ft) :

HOLE SIZE (in) : 7.875
DRILL PIPE ID (in) : 3.82
DRILL COLLAR ID(in): 2.25
DRILL COLLAR feet : 638

ANCHOR LENGTH (ft): 80
TOOL LENGTH (ft) : 56
TOOL O.D. (in) : 5
PACKER SIZE (in) : 7.00

RECORDER DATA
AK-IKUSTER / STELLAR

TOP RECORDER: IN
RECORDER NO. : 22145
CAPACITY (psi): 12000
DEPTH (ft) : 9265
CLOCK NO. : 22145
DURATION (hrs): 99

BOTTOM RECORDER: OUT
RECORDER NO. : 7471
CAPACITY (psi): 4750
DEPTH (ft) : 9340
CLOCK NO. : 16121
DURATION (hrs): 24

MUD PROPERTIES

MUD TYPE : SALT / GEL
MUD WT. (#/gal) : 9.90

WATER LOSS (cc) : 6.20
FILTER CAKE (in) : 1/32
VISCOSITY (sec) : 39

CHLORIDE PPM : 150000
RESISTIVITY(ohm-m): .038

EQUIPMENT DATA

CONVENTIONAL : YES
STRADDLE : NO
SELECTIVE ZONE : NO
SAMPLE CHAMBER : YES
GAS ANALYSIS : YES

ROTARY JARS : YES
NO. OF PACKERS : 2
SAFETY JOINT : YES
CIRCULATING SUB : YES
REVERSED OUT : NO

MULTIFLOW : NO
MILEAGE : NO
OPERATOR TIME : YES
OTHER : YES
STELLAR ELECTRONICS(2)

SUCCESSFUL : YES

PACKER FAILURE : NO

TOOL PLUG : NO

DECIDED NOT TO TEST : NO

FAIL TO REACH BOTTOM : NO

TIME INTERVAL DATA (min)

TOOL OPENED : 8:40 PM

TOTAL TEST TIME: 498

INITIAL FLOW : 19
SECOND FLOW : 118
THIRD FLOW :

INITIAL SHUT-IN: 118
SECOND SHUT-IN : 243
THIRD SHUT IN :

TEST TOOL OPERATOR: HARVEY MORRIS

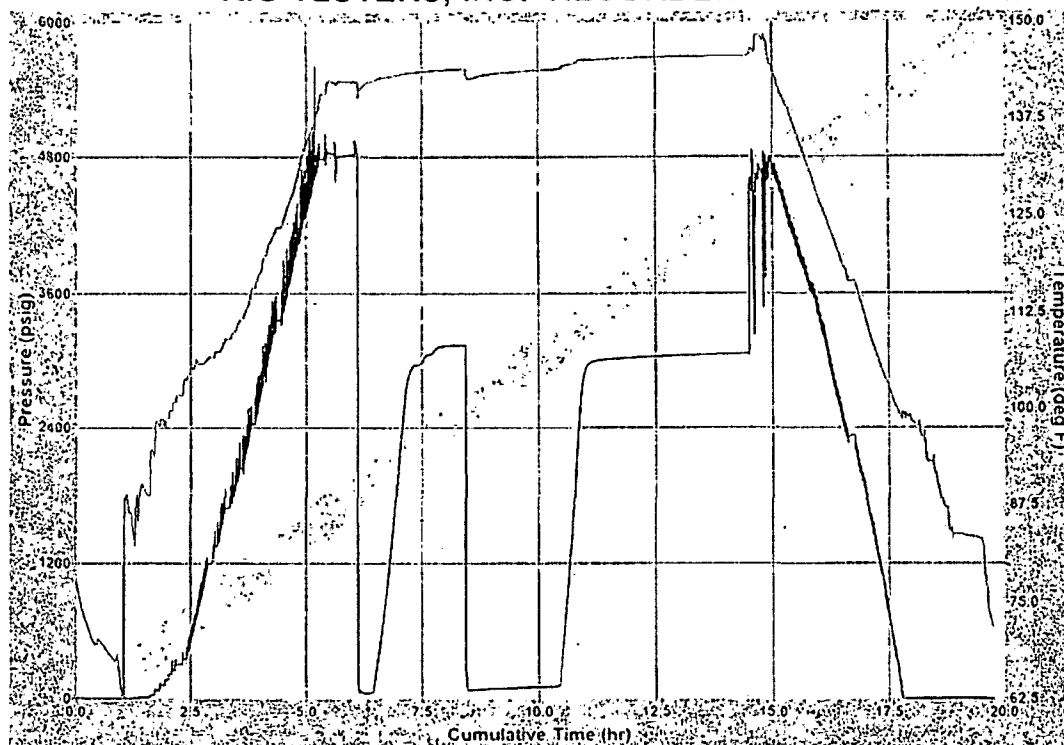


NEARBURG PRODUCING COMPANY

ROCKING "12" # 1
D.S.T. NO. :1

	CORRECTED READING	FIELD READING
A INITIAL HYDROSTATIC:	4832 PSI	4832 PSI
B-1 INITIAL FIRST FLOW :	70 PSI	108 PSI
B-2 FINAL FIRST FLOW :	67 PSI	119 PSI
C FIRST SHUT-IN :	3153 PSI	3153 PSI
D-1 INITIAL SECOND FLOW:	89 PSI	134 PSI
D-2 FINAL SECOND FLOW :	124 PSI	187 PSI
E SECOND SHUT-IN :	3075 PSI	3075 PSI
H FINAL HYDROSTATIC :	4743 PSI	4630 PSI

RIG TESTERS, INC. RECORDER# 22145



PIPE RECOVERY

RECOVERY DATA

B.H. TEMP. (deg F) : 148

SAMPLE CHAMBER

GAS TO SURFACE 90 MIN. INTO FINAL FLOW PERIOD
210 FT. OF TOTAL FLUID
90 FT. OF GAS CUT MUDDY WATER
35,000 MG/L CHLORIDES- .107 OHMS @ 85 DEGREES
120 FT. OF HEAVY OIL & GAS CUT MUD (50% OIL)

150 LBS. OF PRESSURE
.40 CU. FT. OF GAS
400 CC'S OF FREE OIL
(EST. 44 GRAVITY @ 60 DEGREES)
800 CC'S OF GAS CUT MUD

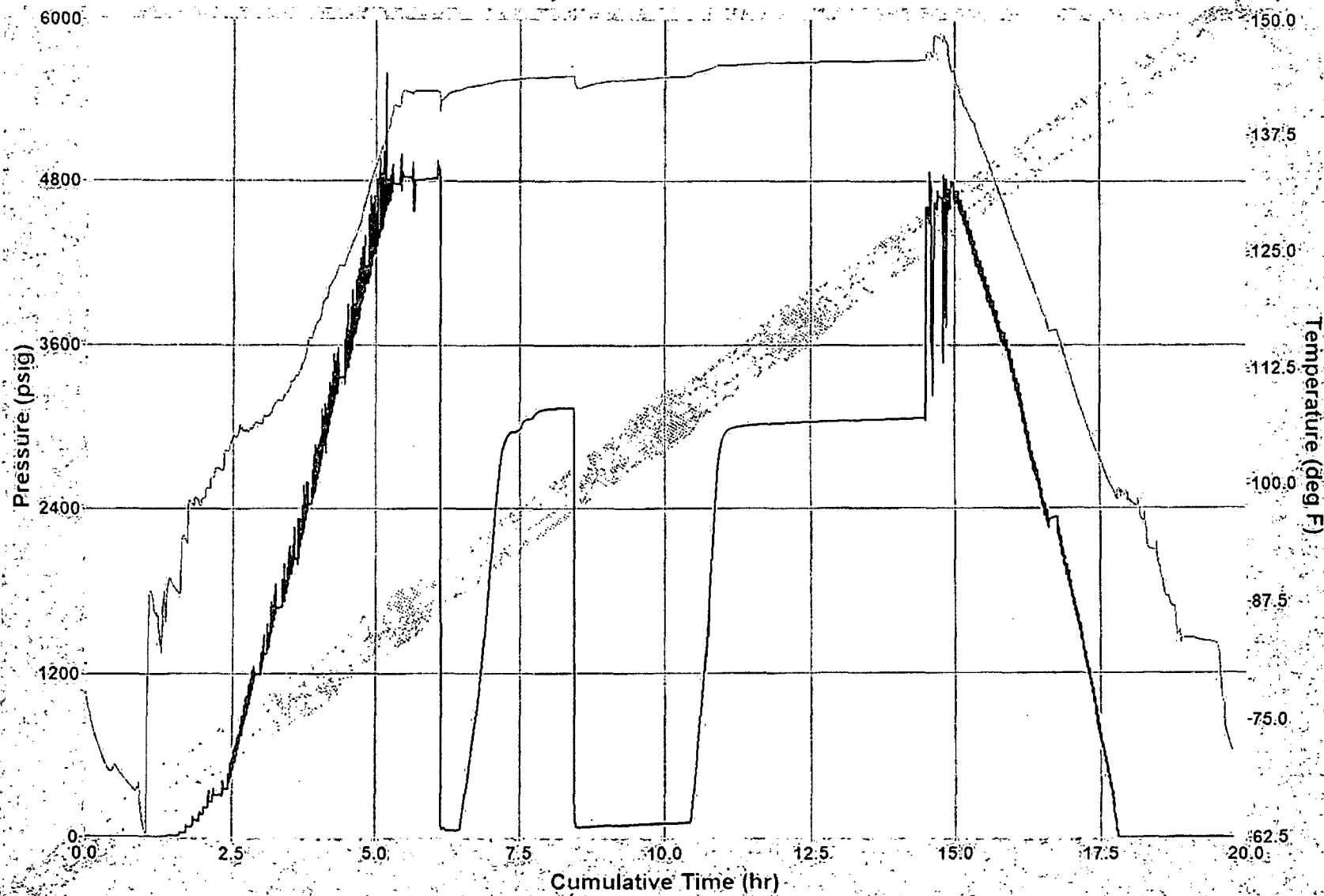
TEST REMARKS

TOOL OPENED WITH WEAK BLOW WHICH BUILT TO A GOOD BLOW IN 7 MIN. AND REMAINED THROUGHOUT THE 20 MIN. FIRST FLOW. REOPENED TOOL WITH GOOD BLOW WHICH BUILT TO A STRONG BLOW IN 15 MIN. W/3 LBS. ON 1/8" CHOKE, 3.5 LBS. IN 30 MIN., 4.5 LBS. ON 1/8" IN 60 MIN., GAS TO SURFACE IN 90 MIN. W/1 LB. (23 MCFPD) ON 1/4" CHOKE & 1.5 LBS. (23 MCFPD) ON 1/4" AT END OF THE 120 MIN. FINAL FLOW PERIOD.



Company Name NEARBURG PRODUCING CO.
Well Name ROCKING "12" #1
Type of Test DST #1 (9260-9340 FT.; BOUGH "C")
Date(s) of Test 9-28-12

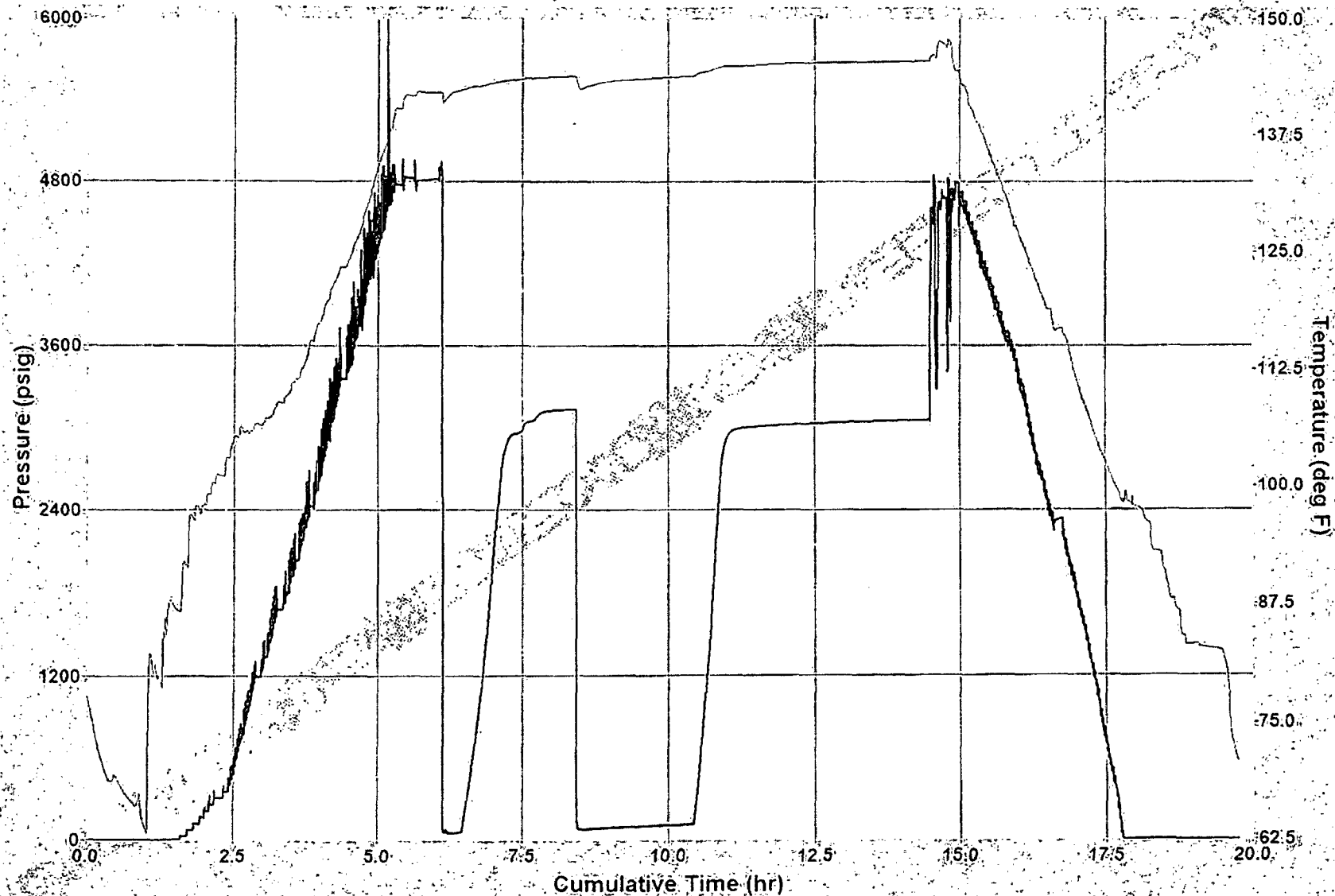
RIG TESTERS, INC. RECORDER# 22145





Company Name NEARBURG PRODUCING CO.
Well Name ROCKING "12" #1
Type of Test DST #1 (9260-9340 FT., BOUGH "C")
Date(s) of Test 9-28-12

RIG TESTERS, INC. RECORDER# 22146





INCREMENTAL PRESSURE DATA

RECORDER NO : 22145

RECORDER CAPACITY : 12000 psi

RECORDER DEPTH : 9265 ft

ELAPSED TIME ---MIN---	TOTAL FLOW TIME, T ---MIN---	INCREMENTAL SHUT-IN TIME, DT ---MIN---	(T+DT)/DT (HORNER) -----	PRESSURE ---PSIG---	DELTA P ---PSIG---
FIRST FLOW					
.0	.0			70.40	.00
2.0	2.0			79.37	8.97
4.0	4.0			61.94	-8.46
6.0	6.0			60.40	-10.00
8.0	8.0			61.87	-8.53
10.0	10.0			63.09	-7.31
12.0	12.0			64.20	-6.20
14.0	14.0			65.39	-5.01
16.0	16.0			65.97	-4.43
18.0	18.0			67.20	-3.20
18.5	18.5			67.20	-3.20
FIRST SHUT-IN					
18.5	18.5	.00	.000	67.20	.00
19.5	18.5	1.00	19.540	121.70	54.50
20.5	18.5	2.00	10.270	170.43	103.23
21.5	18.5	3.00	7.180	218.60	151.40
22.5	18.5	4.00	5.635	269.62	202.42
23.5	18.5	5.00	4.708	317.23	250.03
24.5	18.5	6.00	4.090	365.10	297.90
25.5	18.5	7.00	3.649	416.05	348.85
26.5	18.5	8.00	3.318	463.92	396.72
27.5	18.5	9.00	3.060	512.60	445.40
28.5	18.5	10.00	2.854	566.20	499.00
30.5	18.5	12.00	2.545	670.30	603.10
32.5	18.5	14.00	2.324	781.75	714.55
34.5	18.5	16.00	2.159	895.48	828.28
36.5	18.5	18.00	2.030	1011.70	944.50
38.5	18.5	20.00	1.927	1139.54	1072.34
41.5	18.5	23.00	1.806	1343.59	1276.39
44.5	18.5	26.00	1.713	1569.24	1502.04
47.5	18.5	29.00	1.639	1811.66	1744.46
50.5	18.5	32.00	1.579	2063.66	1996.46
53.5	18.5	35.00	1.530	2320.54	2253.34
56.5	18.5	38.00	1.488	2555.08	2487.88
63.5	18.5	45.00	1.412	2880.10	2812.90
68.5	18.5	50.00	1.371	2956.98	2889.78
73.5	18.5	55.00	1.337	2974.57	2907.37
78.5	18.5	60.00	1.309	2985.00	2917.80
83.5	18.5	65.00	1.285	3042.36	2975.16
88.5	18.5	70.00	1.265	3066.42	2999.22
93.5	18.5	75.00	1.247	3073.50	3006.30
98.5	18.5	80.00	1.232	3121.60	3054.40
103.5	18.5	85.00	1.218	3136.68	3069.48
108.5	18.5	90.00	1.206	3142.90	3075.70

NEARBURG PRODUCING COMPANY



ROCKING "12" # 1

D.S.T. NO. : 1

INCREMENTAL PRESSURE DATA

RECORDER NO : 22145

RECORDER CAPACITY : 12000 psi

RECORDER DEPTH : 9265 ft

ELAPSED TIME ---MIN---	TOTAL FLOW TIME, T ---MIN---	INCREMENTAL SHUT-IN TIME, DT ---MIN---	(T+DT)/DT (HORNER) -----	PRESSURE ---PSIG---	DELTA P ---PSIG---
FIRST SHUT-IN					
113.5	18.5	95.00	1.195	3146.50	3079.30
118.5	18.5	100.00	1.185	3148.82	3081.62
123.5	18.5	105.00	1.177	3150.40	3083.20
128.5	18.5	110.00	1.169	3151.71	3084.51
133.5	18.5	115.00	1.161	3153.00	3085.80
136.3	18.5	117.72	1.157	3153.50	3086.30
SECOND FLOW					
138.5	20.8			89.60	.00
143.5	25.8			88.67	.93
148.5	30.8			90.90	1.30
153.5	35.8			93.50	3.90
158.5	40.8			94.09	4.49
163.5	45.8			97.57	7.97
168.5	50.8			97.90	8.30
173.5	55.8			99.33	9.73
178.5	60.8			100.98	11.38
183.5	65.8			102.70	13.10
188.5	70.8			102.66	13.06
193.5	75.8			105.93	16.33
198.5	80.8			106.70	17.10
203.5	85.8			108.80	19.20
208.5	90.8			110.97	21.37
213.5	95.8			112.10	22.50
218.5	100.8			113.82	24.22
223.5	105.8			114.27	24.67
228.5	110.8			116.20	26.60
233.5	115.8			116.35	26.75
238.5	120.8			117.00	27.40
243.5	125.8			118.20	28.60
248.5	130.8			119.14	29.54
253.5	135.8			123.65	34.05
257.0	139.3			124.60	35.00
SECOND SHUT-IN					
257.0	139.3	.00	.000	124.60	.00
259.0	139.3	2.00	70.660	268.08	143.48
261.0	139.3	4.00	35.830	432.30	307.70
263.0	139.3	6.00	24.220	587.00	462.40
265.0	139.3	8.00	18.415	751.98	627.38



INCREMENTAL PRESSURE DATA

RECORDER NO : 22145

RECORDER CAPACITY : 12000 psi

RECORDER DEPTH : 9265 ft

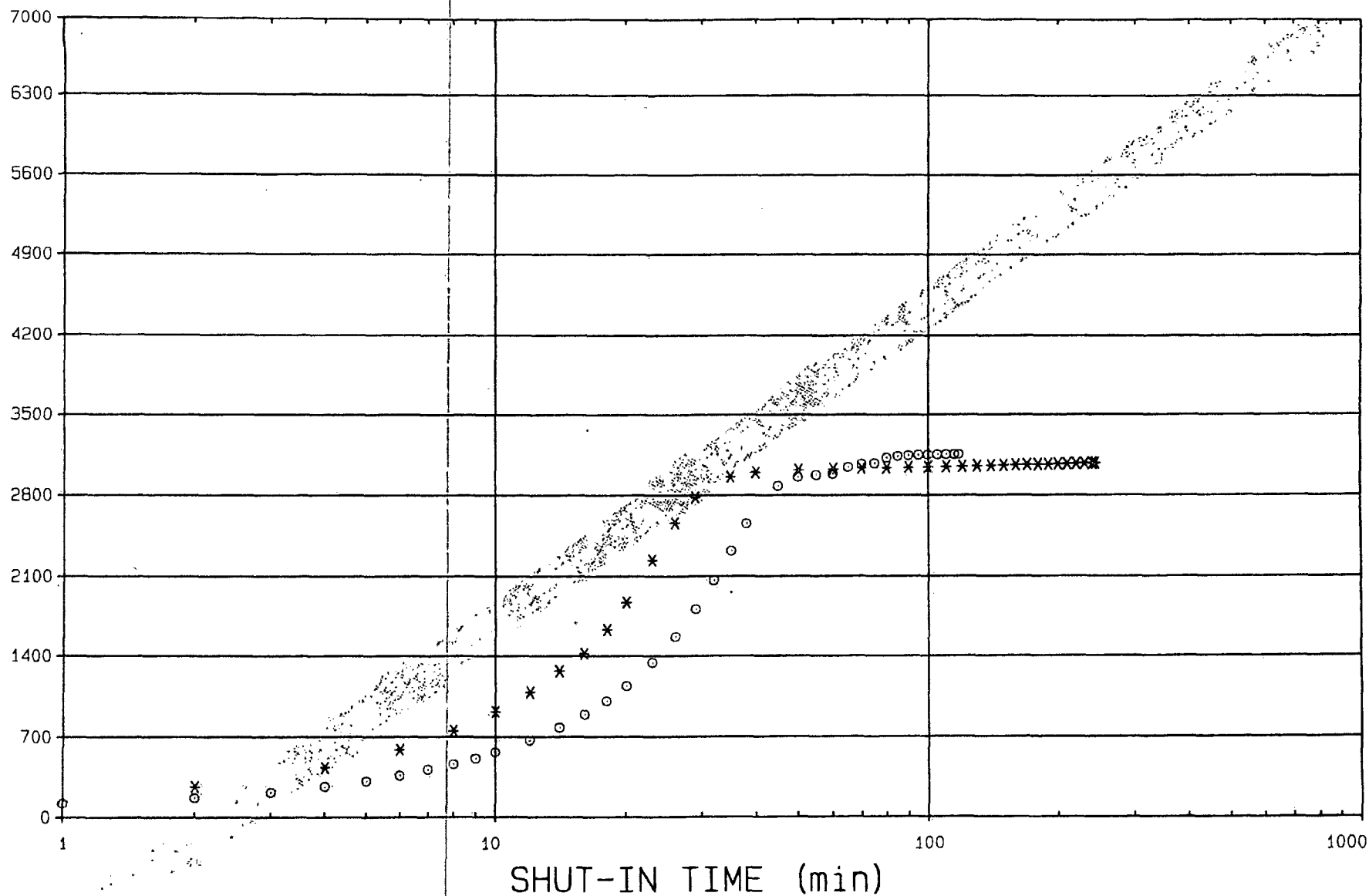
ELAPSED TIME ---MIN---	TOTAL FLOW TIME, T ---MIN---	INCREMENTAL SHUT-IN TIME, DT ---MIN---	(T+DT)/DT (HORNOR) -----	PRESSURE ---PSIG---	DELTA P ---PSIG---
SECOND SHUT-IN					
267.0	139.3	10.00	14.932	918.00	793.40
269.0	139.3	12.00	12.610	1086.20	961.60
271.0	139.3	14.00	10.951	1267.43	1142.83
273.0	139.3	16.00	9.708	1420.92	1296.32
275.0	139.3	18.00	8.740	1631.10	1506.50
277.0	139.3	20.00	7.966	1871.11	1746.51
280.0	139.3	23.00	7.057	2240.27	2115.67
283.0	139.3	26.00	6.358	2560.36	2435.76
286.0	139.3	29.00	5.804	2780.42	2655.82
292.0	139.3	35.00	4.981	2958.86	2834.26
297.0	139.3	40.00	4.483	2995.77	2871.17
307.0	139.3	50.00	3.786	3016.23	2891.63
317.0	139.3	60.00	3.322	3024.70	2900.10
327.0	139.3	70.00	2.990	3030.52	2905.92
337.0	139.3	80.00	2.742	3034.91	2910.31
347.0	139.3	90.00	2.548	3038.80	2914.20
357.0	139.3	100.00	2.393	3042.42	2917.82
367.0	139.3	110.00	2.267	3045.62	2921.02
377.0	139.3	120.00	2.161	3048.60	2924.00
387.0	139.3	130.00	2.072	3051.42	2926.82
397.0	139.3	140.00	1.995	3054.10	2929.50
407.0	139.3	150.00	1.929	3056.80	2932.20
417.0	139.3	160.00	1.871	3059.22	2934.62
427.0	139.3	170.00	1.820	3061.51	2936.91
437.0	139.3	180.00	1.774	3063.60	2939.00
447.0	139.3	190.00	1.733	3065.80	2941.20
457.0	139.3	200.00	1.697	3067.91	2943.31
467.0	139.3	210.00	1.663	3069.90	2945.30
477.0	139.3	220.00	1.633	3071.72	2947.12
487.0	139.3	230.00	1.606	3073.51	2948.91
497.0	139.3	240.00	1.581	3075.30	2950.70
500.5	139.3	243.48	1.572	3075.90	2951.30

REMARKS

THE INCREMENTAL DATA, CHARTS & ANALYSIS ARE FROM THE ELECTRONIC RECORDER.
PLEASE REFER TO DERIVATIVE DIAGNOSTICS ANALYSIS FOR FURTHER INFORMATION
(PRESSURE ASCII FILES ARE AVAILABLE ON DISKETTE OR E-MAIL UPON REQUEST)

PRESSURE (psig)

PRESSURE TIME



RTG
TESTERS, INC.

NEARBURG PRODUCING COMPANY
ROCKING "12" # 1

○ FIRST SHUT-IN
* SECOND SHUT-IN



RigTesters, Inc.
ABILENE - MIDLAND - GRAHAM

NEARBURG PRODUCING COMPANY ROCKING "12" #1

Well identification

Well ID	ROCKING "12" #1	Well location	W. TATUM
County/District	LEA	State, Country	NEW MEXICO
Company	NEARBURG PROD.	Division	MIDLAND

Fluid properties

Prod/Inj fluid	OIL	GOR	500:1
Water cut	0%	Condensate yield	UNKNOWN
API gravity	44.0	Gas spec. grav.	0.7
Viscosity	0.62509 cp	Pseudo-critical T	389.38 deg R
Pseudo-critical P	669.13 psia	H2S mole fraction	UNKNOWN
CO2 mole fraction	UNKNOWN	N2 mole fraction	UNKNOWN
Compressibility(t)	15.375 e-6/psi	Formation vol factor	1.2788 RB/STB

Reservoir properties

Porosity	0.12 frac	Formation thickness	10 ft
Wellbore radius	0.32813 ft	Prod-observer distance	N/A
Water-Oil Contact	UNKNOWN	Gas-Oil Contact	N/A
Gas-Water Contact	N/A	Rock compressibility	
Reservoir temperature	148 deg F	Pressure for properties	3122 psia

Comments

THE DERIVATIVES INDICATE A RESERVOIR WITH LOW PERMEABILITY AND HIGH (POSITIVE) SKIN. THE INITIAL SHUT-IN WAS IN TRANSITION TOWARDS BUT HAD NOT DEVELOPED RADIAL FLOW WHICH WOULD MAKE ITS CALCULATIONS UNRELIABLE. THE MID AND LATE TIME DATA (DIP AND RISE) ON THE FINAL SHUT-IN ILLUSTRATES A DUAL POROSITY RESPONSE WHICH IS NORMALLY DUE TO VUGULAR/FRACTURED POROSITY WITH-IN INTERVAL TESTED. A REGRESSION VERIFIED MODEL ANALYSIS WAS PERFORMED TO BETTER DETERMINE FORMATION PARAMETERS AND IS REPRESENTED BY A SOLID LINE PLOTTED OVER ACTUAL DATA WITH CONFIDENCE INTERVALS (MARGIN OF ERROR) NEXT TO MAJOR PARAMETERS. THE FIXED PARAMETERS USED WERE AN EST. 12% POROSITY, 10 FT. OF NET PAY REPORTED AND AN AVERAGE (TIME WEIGHTED) PRODUCTION OF 5.4 BOPD FOR THE FINAL FLOW. THE RATES WERE BASED ON DENSITY OF FLUID RECOVERED VS. FLOWING PRESSURES. THE TOTAL RADIUS OF INVESTIGATION CALCULATED TO APPROX. 31 FT. FROM WELLBORE.