

DISTRICT I
P.O.Box 1980, Hobbs, NM
88240

DISTRICT II
P.O.Box DD, Artesia, NM
88210

DISTRICT III
1000 Rio Brazos Rd., Aztec,
NM 87410

OIL CONSERVATION DIVISION
P.O.Box 2088
Santa Fe, New Mexico 87504-2088

Well API No. 30-039-25563
5. Indicate type of lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name ROSA UNIT	
b. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUGBACK ☐ DIFF RESVR ☐ OTHER _____			
2. Name of Operator WILLIAMS PRODUCTION COMPANY		8. Well No. 23XM	
3. Address of Operator PO BOX 3102, TULSA OK 74101		9. Pool Name or Wildcat BLANCO MESAVERDE	
4. Well Location Unit Letter <u>F</u> : <u>1850'</u> Feet From The <u>NORTH</u> Line and <u>1800'</u> Feet From The <u>WEST</u> Line Section <u>29</u> Township <u>31N</u> Range <u>5W</u> NMPM <u>RIO ARRIBA</u> County			
10. Date Spudded 8-07-96	11. Date T.D. Reached 8-21-96	12. Date Completed (Ready to Prod.) 10-02-96	13. Elevations (DF & RKB, RT, GR, etc.) 6388'
14. Elevation Casinghead			
15. Total Depth 8109'	16. Plug Back T.D. 8087'	17. If Multiple, Completion, How Many Zones? 2	18. Intervals Drilled By Rotary Tools X Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name BLANCO MESAVERDE 5462' TO 6051'			20. Was Directional Survey Made YES
21. Type Electric and Other Logs Run Cased Hole: GR/CCL/CBL Open Hole: IND/GR/CDL/TEMP			22. Was Well Cored NO

23. CASING RECORD (Report all strings set in well)				
Casing Size	Weight LB/FT	Depth Set	Hole Size	Cementing Record
10-3/4" K-55	40.1#	338'	14-3/4"	285 sx (336 cu.ft)
7-5/8" K-55	26.4#	3732'	9-7/8"	810 sx (1504 cu ft)
5-1/2" N-80	17#	8109'	6-3/4"	435 sx (602 cu ft)

24. LINER RECORD				25. TUBING RECORD		
Size	Top	Bottom	Sacks Cement	Screen	Size	Depth Set
					1-1/4" 2.33#	6051'
						6150'

26. Perforation record (interval, size, and number) CH/Menefee: 5462', 64', 66', 68', 70', 72', 74', 76', 5506', 08', 10', 12', 14', 16', 18', 25', 27', 29', 31', 33', 35', 37', 39', 45', 47', 49', 51', 72', 74', 76', 78', 83', 87', 92', 98', 5600', 05', 11', 15', 21', 23', 27', 33', 42', 53', 61', 72', 77', 80' and 91'. Total of 50 Holes. Pit: 5703', 07', 15', 17', 19', 21', 23', 25', 27', 29', 31', 33', 36', 38', 40', 42', 44', 46', 48', 51', 53', 55', 59', 61', 63', 65', 67', 69', 71', 73', 83', 85', 87', 89', 91', 93', 95', 5803', 05', 12', 14', 16', 18', 29', 37', 39', 47', 55', 57', 77', 90', 5931', 34', 37', 40', 51', 59', 65', 82', 94', 6012', 32' and 51'. Total of 63 Holes		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
Depth Interval		Amount and Kind Material Used	
5462' - 5691'		80,000# 20/40 Sand in 1626 Bbls slick water	
5703' - 6051'		81,000# 20/40 Sand in 1978 Bbls slick water	

28. PRODUCTION							
Date of Fst Prod		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Producing or Shut-in) SHUT-IN	
Date of Test 10-28-1996	Hours Tested 3 HRS	Choke Size 3/4"	Production For Test Period	Oil - Bbl.	Gas - MCF 234	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Pressure 137#	Casing Pressure 981#	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF 1872	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) TO BE SOLD	Test Witnessed By CHICK CHARLEY
---	---------------------------------

30. List Attachments: LOGS, SUMMARY OF POROUS ZONES, DEVIATION REPORT AND WELLBORE DIAGRAM
--

31. 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 <u>[Signature]</u>	Printed Name <u>SUSAN GRIGUHN</u>	Title <u>CLERK</u>	Date <u>11/4/96</u>
------------------------------	-----------------------------------	--------------------	---------------------

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. It 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 cast of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinberry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo	2527'
T. Kirkland-Fruitland	2639' - 3067'
T. Pictured Cliffs	3254'
T. Cliff House	5449'
T. Menefee	5499'
T. Point Lookout	5712'
T. Mancos	5942'
T. Gallup	6500'
Base Greenhorn	7750'
T. Dakota	7932'
T. Morrison	
T. Todilto	
T. Entrada	
T. Wingate	
T. Chinle	
T. Permian	
T. Penn "A"	

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzite _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

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

Submit to Appropriate District
Office
State Lease -

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O.Box 1980, Hobbs, NM
88240

OIL CONSERVATION DIVISION
P.O.Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O.Box DD, Artesia, NM
88210

DISTRICT III
1000 Rio Brazos Rd., Aztec,
NM 87410

Well API No. 30-039-25563
5. Indicate type of lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name ROSA UNIT	
b. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUGBACK ☐ DIFF RESVR ☐ OTHER _____			
2. Name of Operator WILLIAMS PRODUCTION COMPANY		8. Well No. 23X M	
3. Address of Operator PO BOX 3102, TULSA OK 74101		9. Pool Name or Wildcat BASIN DAKOTA	
4. Well Location Unit Letter <u>F</u> : <u>1850'</u> Feet From The <u>NORTH</u> Line and <u>1800'</u> Feet From The <u>WEST</u> Line Section <u>29</u> Township <u>31N</u> Range <u>5W</u> NMPM <u>RIO ARRIBA</u> County			
10. Date Spudded 8-07-96	11. Date T.D. Reached 8-21-96	12. Date Completed (Ready to Prod.) 10-02-96	13. Elevations (DF & RKB, RT, GR, etc.) 6388'
14. Elevation Casinghead			
15. Total Depth 8109'	16. Plug Back T.D. 8087'	17. If Multiple, Completion, How Many Zones? 2	18. Intervals Drilled By Rotary Tools X Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name BASIN DAKOTA 7934' - 8019'			20. Was Directional Survey Made YES
21. Type Electric and Other Logs Run Cased Hole: GR/CCL/CBL Open Hole: IND/GR/CDL/TEMP			22. Was Well Cored NO

23. CASING RECORD (Report all strings set in well)				
Casing Size	Weight LB/FT	Depth Set	Hole Size	Cementing Record
10-3/4", K-55	40.1#	338'	14-3/4"	285 sx (336 cu.ft)
7-5/8" K-55	26.4#	3732'	9-7/8"	810 sx (1504 cu ft)
5-1/2" N-80	17#	8109'	6-3/4"	435 sx (602 cu ft)

RECEIVED
Amount pulled
NOV - 5 1996
OIL CON. DIV

24. LINER RECORD				25. TUBING RECORD		
Size	Top	Bottom	Sacks Cement	Screen	Size	Depth Set
					1-1/2" 2.9#	7985'
26. Perforation record (interval, size, and number) Dakota: 7934', 37', 40', 43', 46', 49', 52', 81', 87', 90', 93', 96', 99', 8002', 06', 11' and 19'. Total of 17 Holes.				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
				Depth Interval	Amount and Kind Material Used	
				7934' - 8019'	60,000# 20/40 Ottawa sand & 10,000 20/40 resin coated sand in 658 Bbls of 30# CMHPG gel X-linked w/zirconium in 60 quality foam	

28. PRODUCTION							
Date of Fst Prod	Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Producing or Shut-in) SHUT-IN		
Date of Test 10-24-1996	Hours Tested 3 HRS	Choke Size 3/4"	Production For Test Period	Oil - Bbl. 141	Gas - MCF 141	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Pressure 78#	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF 1125	Water - Bbl.	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) TO BE SOLD					Test Witnessed By CHICK CHARLEY		
30. List Attachments: LOGS, SUMMARY OF POROUS ZONES, DEVIATION REPORT AND WELLBORE DIAGRAM							
31. 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 <u>Sp</u>		Printed Name <u>SUSAN GRIGUHN</u>		Title <u>CLERK</u>		Date <u>11/4/96</u>	

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. It 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 cast of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo	2527'
T. Kirkland-Fruitland	2639' - 3067'
T. Pictured Cliffs	3254'
T. Cliff House	5449'
T. Menefee	5499'
T. Point Lookout	5712'
T. Mancos	5942'
T. Gallup	6500'
Base Greenhorn	7750'
T. Dakota	7932'
T. Morrison	
T. Todilto	
T. Entrada	
T. Wingate	
T. Chinle	
T. Permian	
T. Penn "A"	

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

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

DISTRICT I
P.O.Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O.Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O.Box 2088

Santa Fe, New Mexico 87504-2088

Form C-107
Revised 4-1-91

Filing Instructions
Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

Operator WILLIAMS PRODUCTION COMPANY Address P O BOX 3102, TULSA, 9K 74172
Lease: ROSA UNIT Well No. #234^m Unit Ltr. F Sec 29 T31N R5W County: RIO ARRIBA

All applicants for multiple completion must complete Items 1 and 2 below.

1.	The following facts are submitted:	Upper Zone	Immediate Zone	Lower Zone
a.	Name of Pool and Formation	BLANCO MV		BASIN DAKOTA
b.	Top and Bottom of Pay Section (Perforations)	5462' - 6051'		7934' - 8019'
c.	Type of Production (Oil or Gas)	GAS		GAS
d.	Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
e.	Daily Production ☐ Actual ☒ Estimated Oil Bbls. Gas MCF Water Bbls.	IP = 1872	RECEIVED NOV - 5 1996 OIL CON. DIV.	IP = 1125

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:
I hereby certify above information is true and complete to best of my knowledge, and belief.

Signature [Signature]
Printed Name & Title Susan Griguhn Office Assistant
Date November 1, 1996
Telephone (918)561-6254

OIL CONSERVATION DIVISION

Approved by: [Signature]
Title: SUPERVISOR DISTRICT #3
Date: NOV - 5 1996

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- District Approval — See rule 112-A-B — Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval — See Rule 112-C — Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

WELLBORE DIAGRAM

ROSA UNIT #23A MV/DK

Location: 1850' FNL, 1800' FWL
SE/4 NW/4 Section 29, T31N, R5W
Rio Arriba Co., NM

Elevation = 6388' GR
KB = 14'

TOPS	DEPTH
OJO ALAMO	2527'
KIRTLAND	2639'
FRUITLAND	3067'
PICTURED CLIFFS	3254'
LEWIS	3530'
CLIFF HOUSE	5449'
MENEFEE	5499'
POINT LOOKOUT	5712'
MANCOS	5942'
GALLUP	6500'
GREENHORN	7750'
GRANEROS	7805'
DAKOTA	7932'

STIMULATION

Cliff House/Menefee: 5462' - 5691'

80,000# of 20/40 sand in 1626 BBL's of slick water.

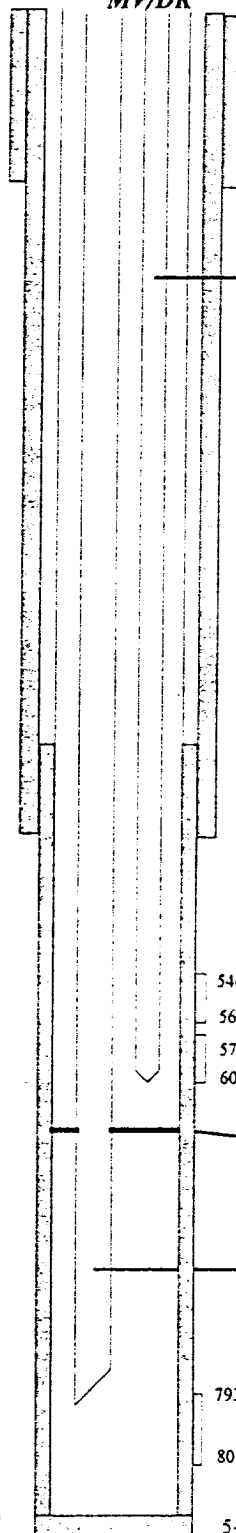
Point Lookout: 5703' - 6051'

81,000# of 20/40 sand in 1978 BBL's of slick water.

Dakota: 7934' - 8019'

60,000# of 20/40 Ottawa sand & 10,000# of 20/40 resin coated sand in 658 BBL's of 35# CMHPG gel X-linked w/Zirconium in a 60 quality foam.

PBTD @ 8087'



10-3/4" 40.1# K-55 @ 338'

Mesaverde tbg: 185 jts of 1-1/4", 2.33#, J-55, Lonestar IJ as follows: Orange peeled perforated jt on bottom, SN (1.062" ID @ 5972') on top of perf jt and 184 jts of tubing. Landed @ 6051' KB.

7-5/8" 26.4# K-55 @ 3732'

5462'

5691'

Mesaverde Perforations

5703'

6051'

Model "D" packer @ 6150'

Dakota tbg: 243 jts of 1-1/2", 2.9#, J-55 Lonestar EUE as follows: 1/2 mule shoe on bottom, SN (1.375" ID @ 7951') on top of bottom jt. 55 jts of tail pipe, 5 seal units, 186 jts of tubing, 2 (6' & 2') pups and 1 full jt on top. Landed @ 7985' KB.

7934'

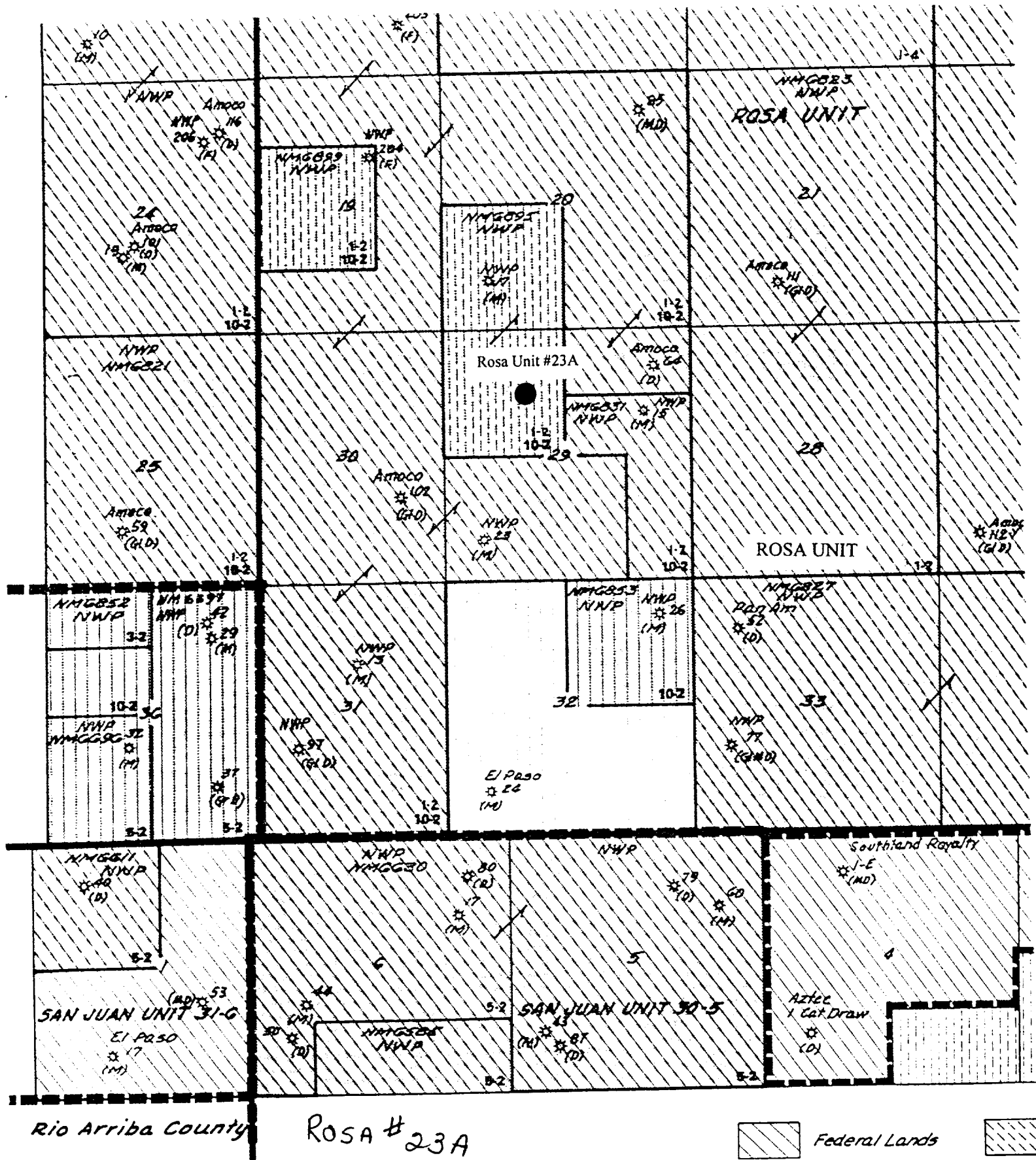
Dakota Perforations

8019'

5-1/2" 17# N-80 @ 8109'

HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
14-3/4"	10-3/4" 40.1#	285 sx	336 cu.ft.	SURFACE
9-7/8"	7-5/8" 26.4#	810 sx	1504 cu.ft.	SURFACE
6-3/4"	5-1/2" 17#	435 sx	602 cu.ft.	(CBL)

4450'



 *Federal Lands* 

 *State Lands* 

 *Northwest Pip*



COUNTY RIO ARRIBA STATE NM

1850 FNL & 1800 FNL

OTHER SERVICES

USEN RUN 2

TAP 3IN RGE 05H

ELEV. 6388

F1. ABOVE PERM DATUM

ELEV.: K.B. 6402

D.F.: 6401

6388 G.L.

8-17-96

TWO

8129

8077	
0072	

80/3	€100
------	------

7	63503
---	-------

1.0625	3731
--------	------

675	675
-----	-----

0.10	818
------	-----

N/A	:N
-----	----

N/A	N
-----	---

N/A

N/A GN

N/A	Q1
-----	----

N/A	2N
-----	----

N/A	:N
-----	----

N/A	EN
F. 110100	

5 HOURS	
6:00	

6.20	30
------	----

269	51943.5
-----	---------

100

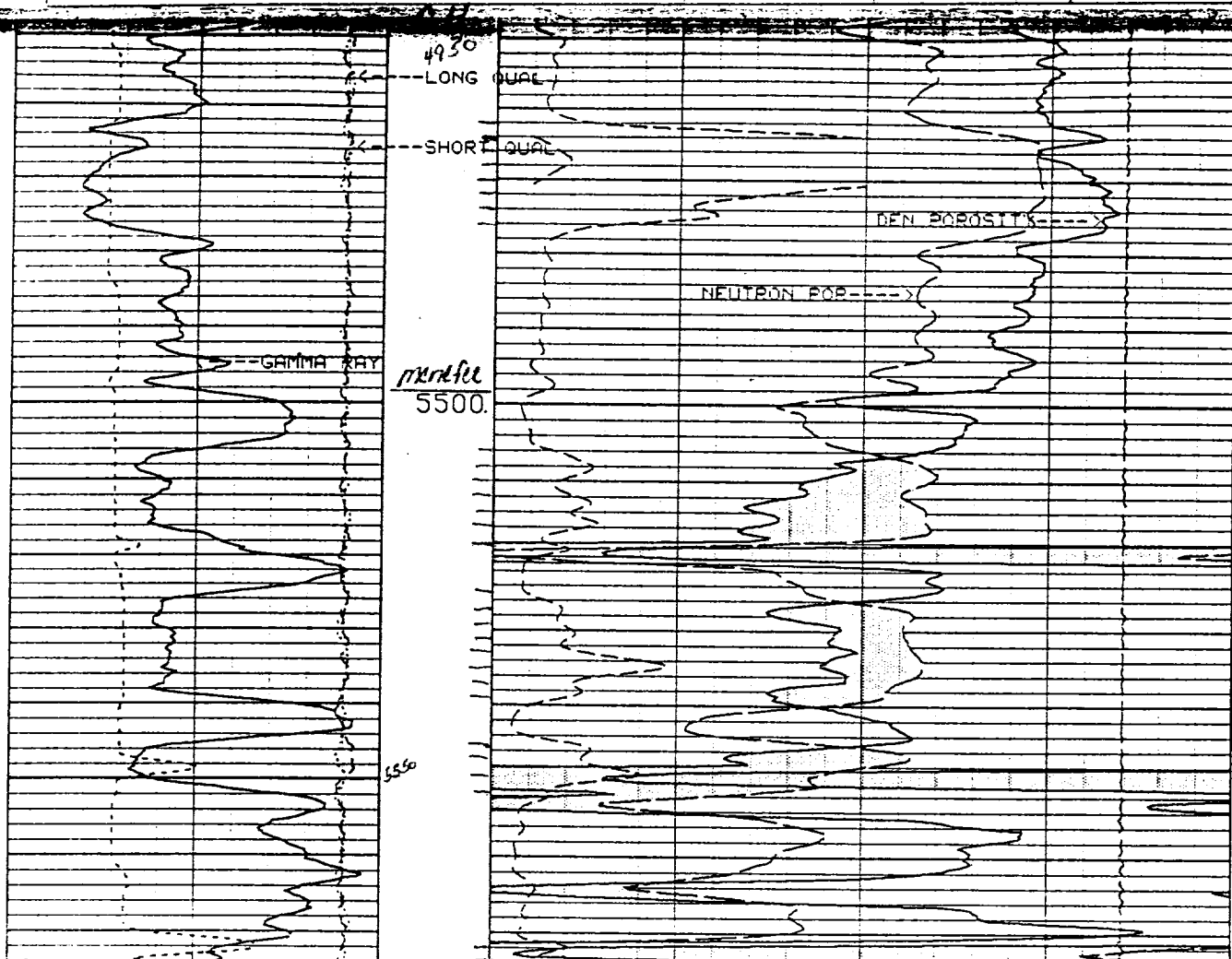
1	ONE
2	TWO
3	THREE
4	FOUR
5	FIVE
6	SIX
7	SEVEN
8	EIGHT
9	NINE
10	TEN
11	ELEVEN
12	TWELVE
13	THIRTEEN
14	FOURTEEN
15	FIFTEEN
16	SIXTEEN
17	SEVENTEEN
18	EIGHTEEN
19	NINETEEN
20	TWENTY
21	ONE AND TWENTY
22	TWO AND TWENTY
23	THREE AND TWENTY
24	FOUR AND TWENTY
25	FIVE AND TWENTY
26	SIX AND TWENTY
27	SEVEN AND TWENTY
28	EIGHT AND TWENTY
29	NINE AND TWENTY
30	TEN AND TWENTY
31	ONE AND THIRTY
32	TWO AND THIRTY
33	THREE AND THIRTY
34	FOUR AND THIRTY
35	FIVE AND THIRTY
36	SIX AND THIRTY
37	SEVEN AND THIRTY
38	EIGHT AND THIRTY
39	NINE AND THIRTY
40	TEN AND THIRTY
41	ONE AND FORTY
42	TWO AND FORTY
43	THREE AND FORTY
44	FOUR AND FORTY
45	FIVE AND FORTY
46	SIX AND FORTY
47	SEVEN AND FORTY
48	EIGHT AND FORTY
49	NINE AND FORTY
50	TEN AND FORTY
51	ONE AND FIFTY
52	TWO AND FIFTY
53	THREE AND FIFTY
54	FOUR AND FIFTY
55	FIVE AND FIFTY
56	SIX AND FIFTY
57	SEVEN AND FIFTY
58	EIGHT AND FIFTY
59	NINE AND FIFTY
60	TEN AND FIFTY
61	ONE AND SIXTY
62	TWO AND SIXTY
63	THREE AND SIXTY
64	FOUR AND SIXTY
65	FIVE AND SIXTY
66	SIX AND SIXTY
67	SEVEN AND SIXTY
68	EIGHT AND SIXTY
69	NINE AND SIXTY
70	TEN AND SIXTY
71	ONE AND SEVENTY
72	TWO AND SEVENTY
73	THREE AND SEVENTY
74	FOUR AND SEVENTY
75	FIVE AND SEVENTY
76	SIX AND SEVENTY
77	SEVEN AND SEVENTY
78	EIGHT AND SEVENTY
79	NINE AND SEVENTY
80	TEN AND SEVENTY
81	ONE AND EIGHTY
82	TWO AND EIGHTY
83	THREE AND EIGHTY
84	FOUR AND EIGHTY
85	FIVE AND EIGHTY
86	SIX AND EIGHTY
87	SEVEN AND EIGHTY
88	EIGHT AND EIGHTY
89	NINE AND EIGHTY
90	TEN AND EIGHTY
91	ONE AND NINETY
92	TWO AND NINETY
93	THREE AND NINETY
94	FOUR AND NINETY
95	FIVE AND NINETY
96	SIX AND NINETY
97	SEVEN AND NINETY
98	EIGHT AND NINETY
99	NINE AND NINETY
100	HUNDRED

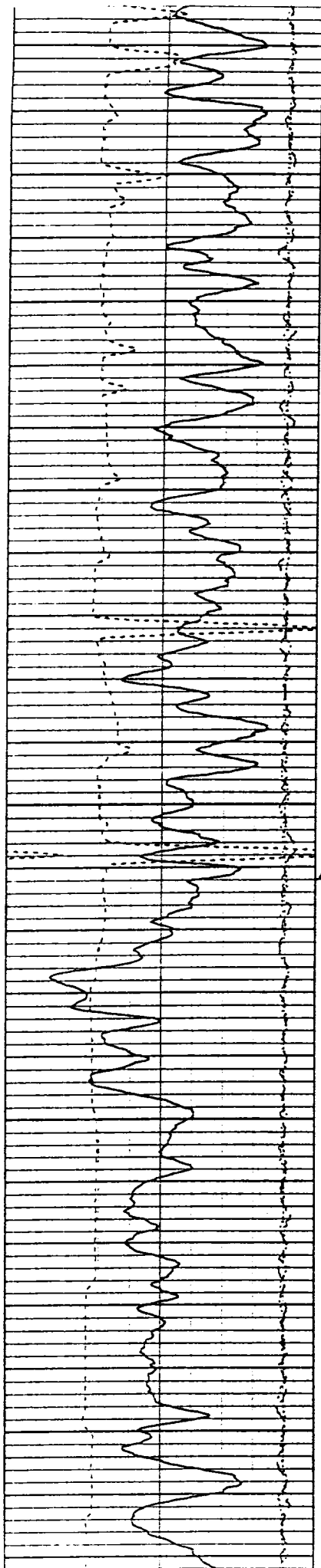
12.500

1

[REDACTED]

RECEIVED
AUG 21 1996
PRODUCTION ENGINEERING



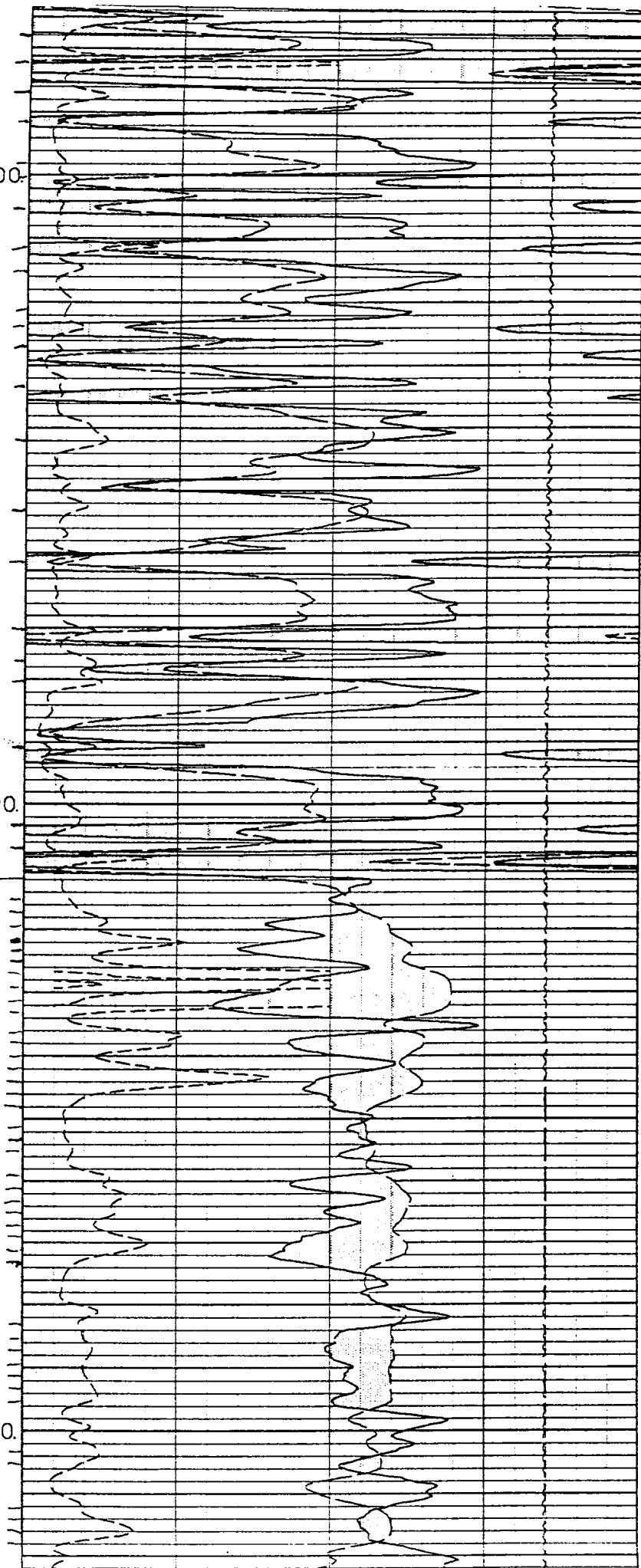


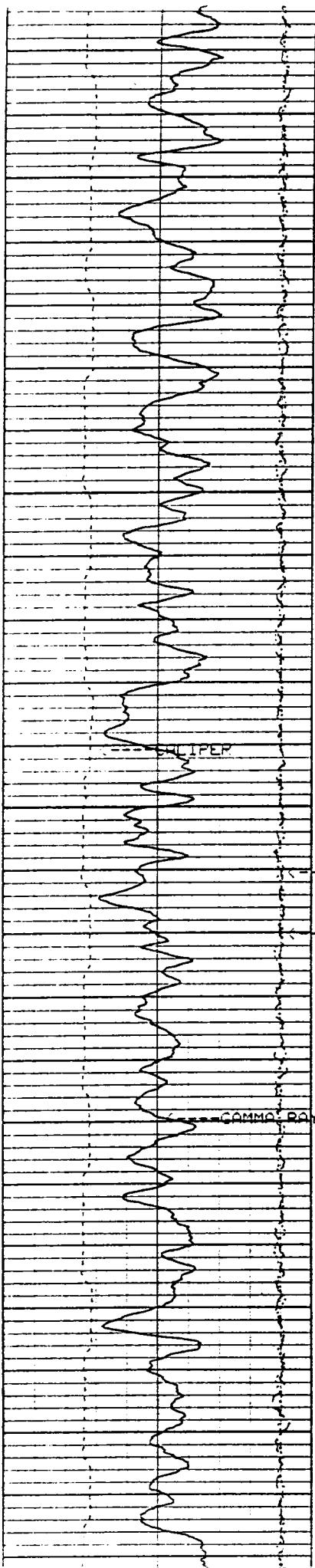
5600.

5700.

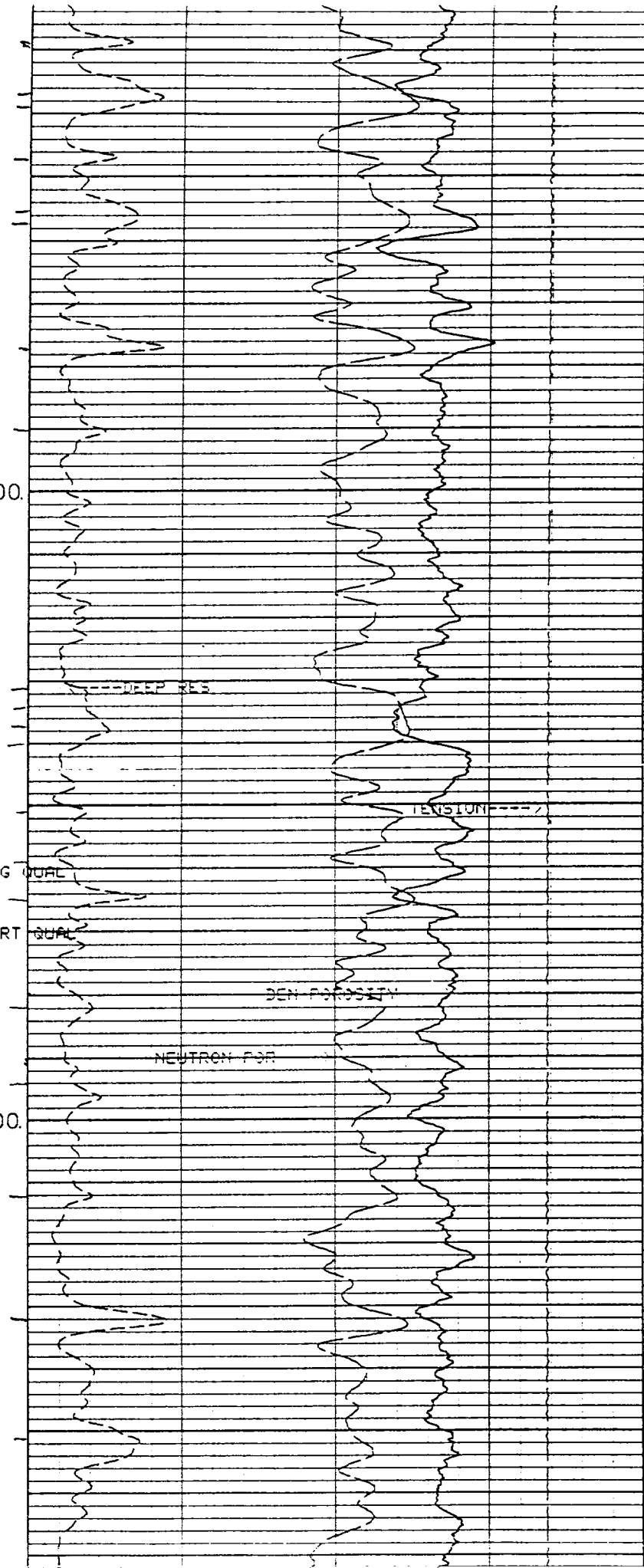
PTC

5800.

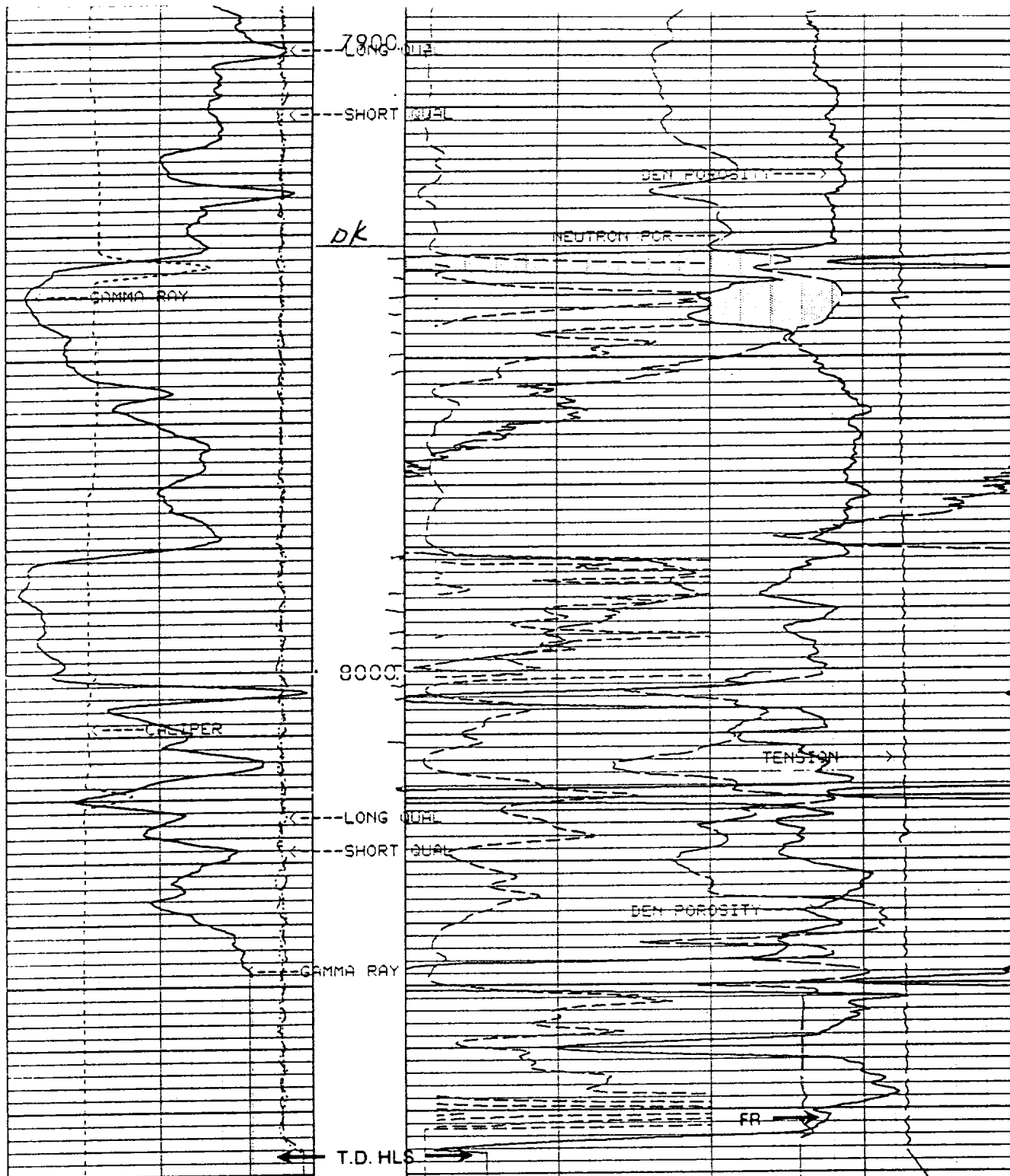




5900.



6000.



CALIPER		
1	INCHES	14
LONG QUAL		
4.5		-1.5
SHORT QUAL		
-4.5		.5
GAMMA RAY		
2	API COUNTS	200

DEEP RES		TENSION	
0	OHMM	100 10000	POUNDS
LIQ POROSITY			
.30	DECP		-1.10
DEN POROSITY			
30	PERCENT		-1.10
MATRIX DENSITY = 2.65			