

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107
Revised 4-1-91

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

OIL CONSERVATION DIVISION
P.O.Box 2088

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

Santa Fe, New Mexico 87504-2088

Filing Instructions
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APPLICATION FOR MULTIPLE COMPLETION

NORTHWEST PIPELINE CORPORATION P.O. BOX 58900 SALT LAKE CITY, UTAH 84158-0900

Operator	Address
ROSA UNIT	#18A
Lease	Well No.
	Unit Ltr. — Sec — Twp — Rge

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	PICTURED CLIFFS		MESAVERDE
b. Top and Bottom of Pay Section (Perforations)	3139' - 3225'		5303' - 5781'
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.	PITOT 1,901 MCF/D	RECEIVED AUG 3 1 1994 OIL CON. DIV.	PITOT 1,588 MCF/D

2. The following must be attached:

DIST. 3

- 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 Kathy Barney
Printed Name & Title KATHY BARNEY SR. OFFICE ASSISTANT

Date 08/30/94 Telephone (801)584-6981

OIL CONSERVATION DIVISION

Approved by: Original Signed by FRANK T. CHAVEZ

Title: SUPERVISOR DISTRICT # 3

Date: AUG 3 1 1994

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 #18A PC/MV

LOCATION: 1106'FSL, 791'FEL
SE/4 SE/4 SEC. 22, T31N, R6W
RIO ARRIBA, Co., NM
ELEVATION: 6275' GR
KB: 12'

TOPS:
NACIMIENTO N/A
OJO ALAMO 2337'
KIRTLAND 2457'
FRUITLAND 2900'
PICTURED CLIFFS 3135'
LEWIS 3369'
CLIFF HOUSE 5270'
MENELEE 5363'
POINT LOOKOUT 5597'
MANCOS 5859'

STIMULATION

PC: 3139' to 3225'

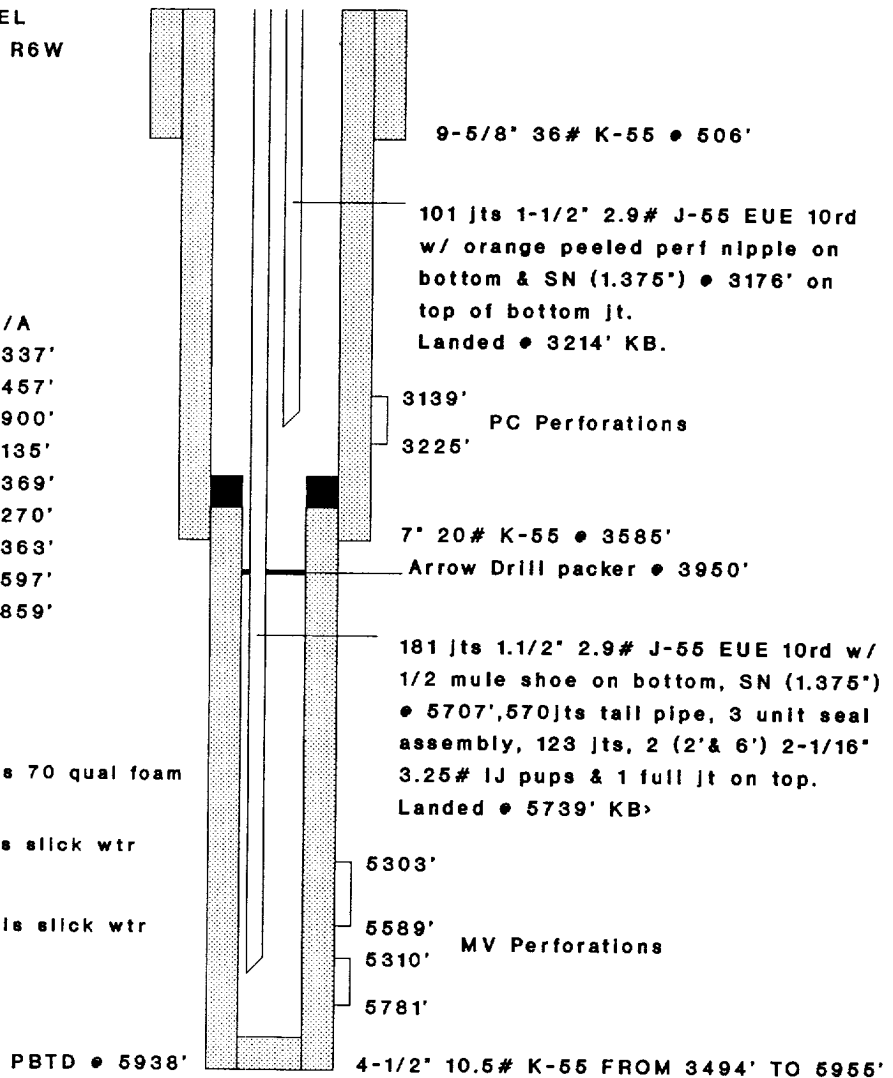
112,000# 20/40, 21,294 gals 70 qual foam

MV: 5303' to 5589'

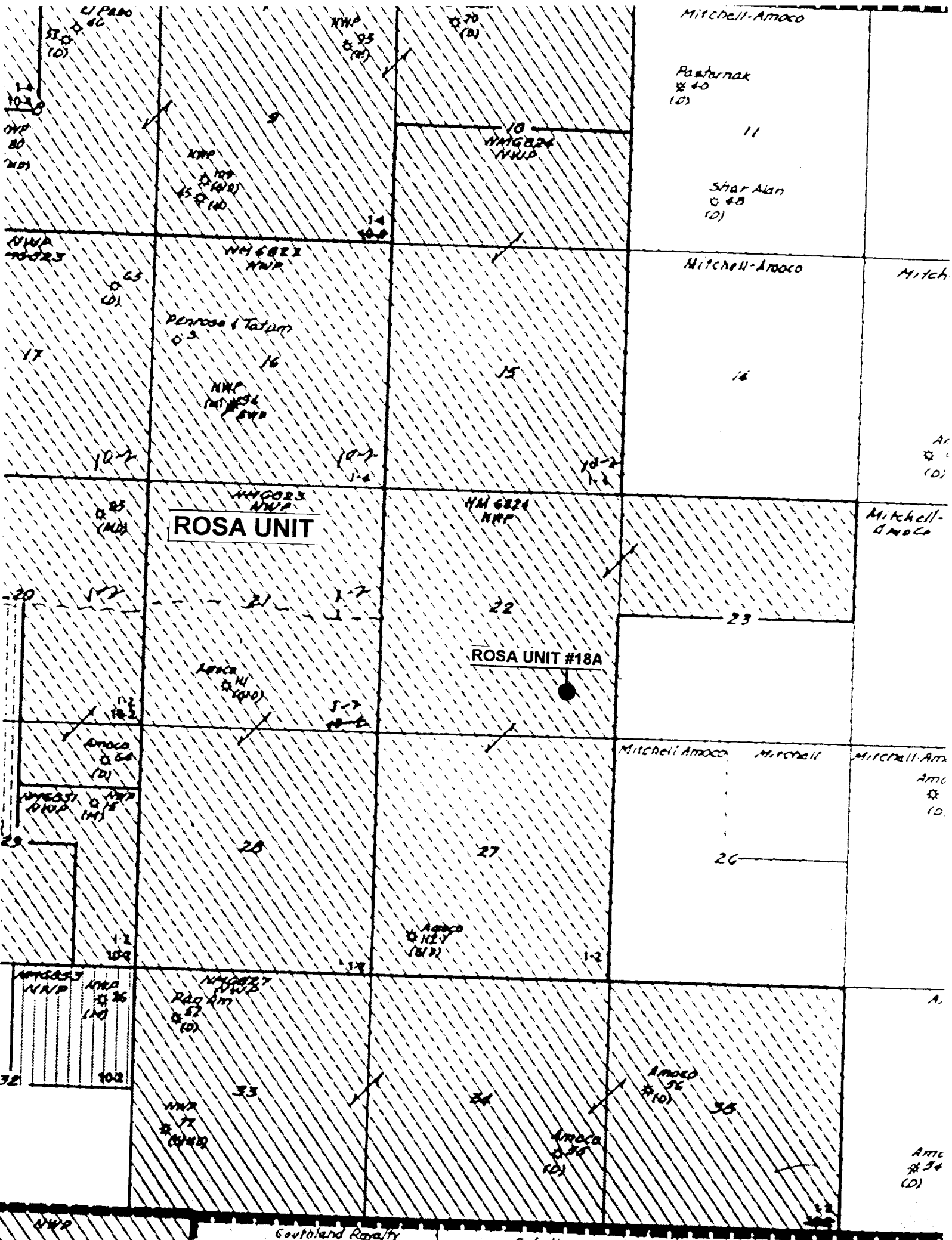
78,800# 20/40, 58,968 gals slick wtr

MV: 5610' to 5781'

88,000# 20/40, 105,882 gals slick wtr



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
12-1/4"	9-5/8" 36#	265 SX	315 CU.FT.	SURFACE
8-3/4"	7" 20#	580 SX	1107 CU.FT.	SURFACE
6-1/4"	4-1/2" 10.5#	235 SX	407 CU.FT.	LINER TOP



**OFFSET OPERATORS
ROSA UNIT #18A
P-22-31N-6W**

1. LEASE: ROSA UNIT

Operator; Northwest Pipeline Corp, MS-2M3, P.O. Box 58900, Salt Lake City, UT, 84158-0900

SIMULTANEOUS COMPENSATED NEUTRON- FORMATION DENSITY

PANY Northwest Pipeline Corporation

Rosa Unit #18A

Wildcat: Rosa PC/Bianco MV

NTY Rio Arriba STATE New Mexico

6 FSL & 791 FEL

Other Services:
DIL
LDT/CNL

R/LAL NO. SECT. TWP. RANGE

22 31 N 6 W

GL Elev. 6303.0 F
KB 12.0 F above Perm. Datum

Elev.: K.B. 6315.0 F
D.F. 6314.0 F
G.L. 6303.0 F

7 17 1994

2

35.0 F

30.0 F

16.0 F

20.0 F

7 8

3.0 F

1/4

R

@ 506.0 F

7

@ 3585.0 F

3583.0 F

@ 3511.0 F

6 1/4

@ 5955.0 F

147. DEGF

2130

0230

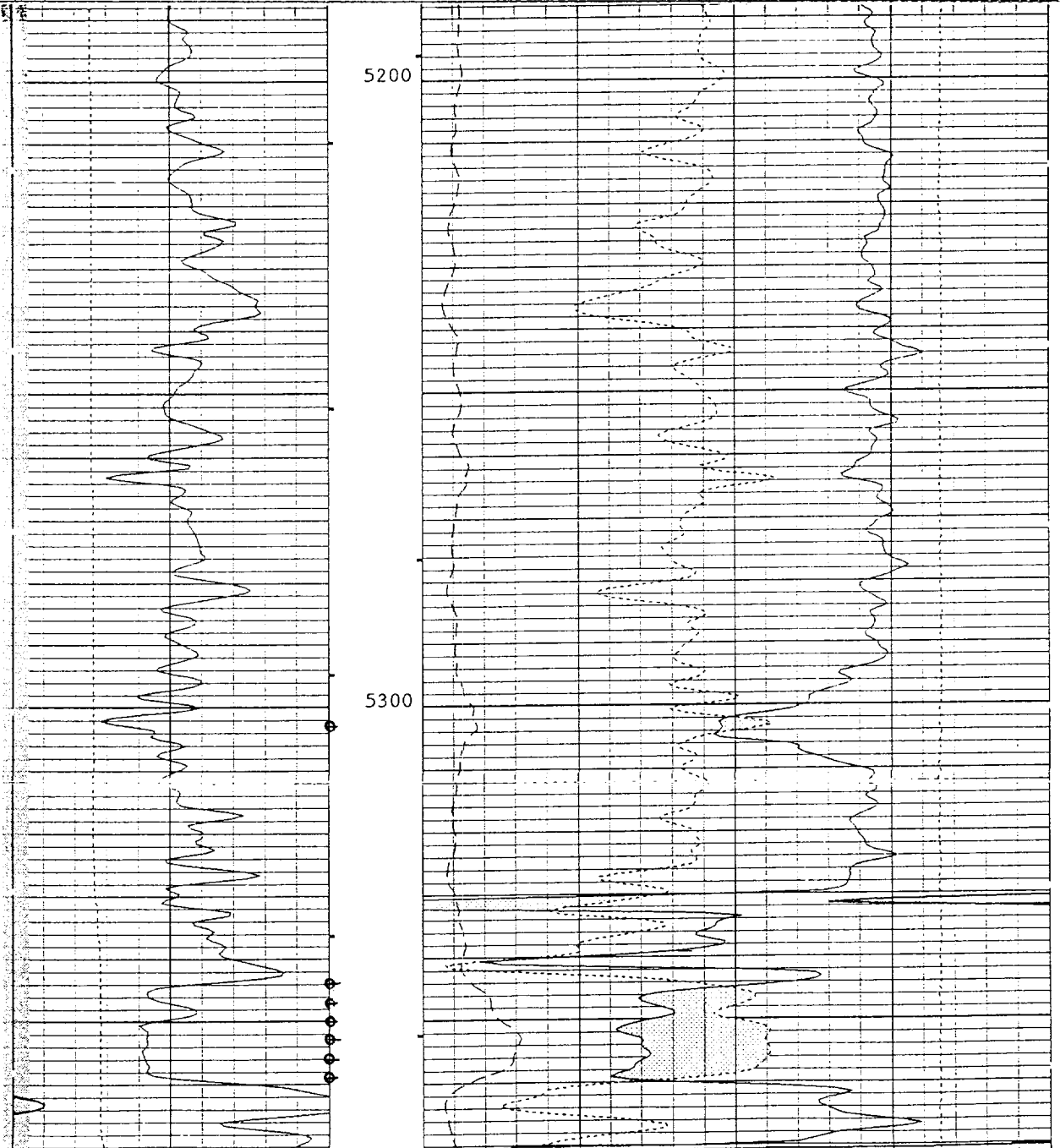
7. DEGF

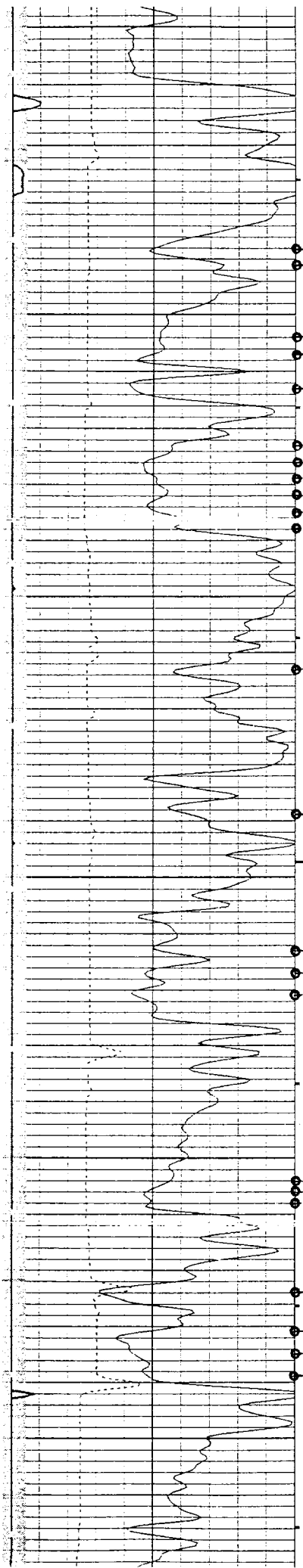
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The well name, location and borehole reference data were furnished by the customer.





5400

5500

5600

