

DISTRICT 1
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	F 21 31 06
Lease	Unit Ltr. — Sec — Twp — Rge
#32A	RIO ARRIBA
Well No.	County

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)	3168' - 3272'		5347' - 5843'
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 TEST 1,214 MCF/D		IP TEST 3,141 MCF/D

RECEIVED
AUG 3 1 1994
OIL CON. DIV.
DIST. 3

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 Kathy Barney

Printed Name & Title KATHY BARNEY SR. OFFICE ASSISTANT

Date 08/29/94 Telephone (801)584-6981

OIL CONSERVATION DIVISION

Approved by: [Signature]

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 #32A PC/MV**

LOCATION: 1771'FNL, 1557'FWL
SE/4 NW/4 SEC. 21, T31N, R6W
RIO ARRIBA, Co., NM
ELEVATION: 6336' GR
KB: 12'

TOPS:

NACIMIENTO	N/A
OJO ALAMO	2330'
KIRTLAND	2463'
FRUITLAND	2953'
PICTURED CLIFFS	3163'
LEWIS	3485'
CLIFF HOUSE	5326'
MENEFEE	5388'
POINT LOOKOUT	5632'
MANCOS	5845'

STIMULATION:

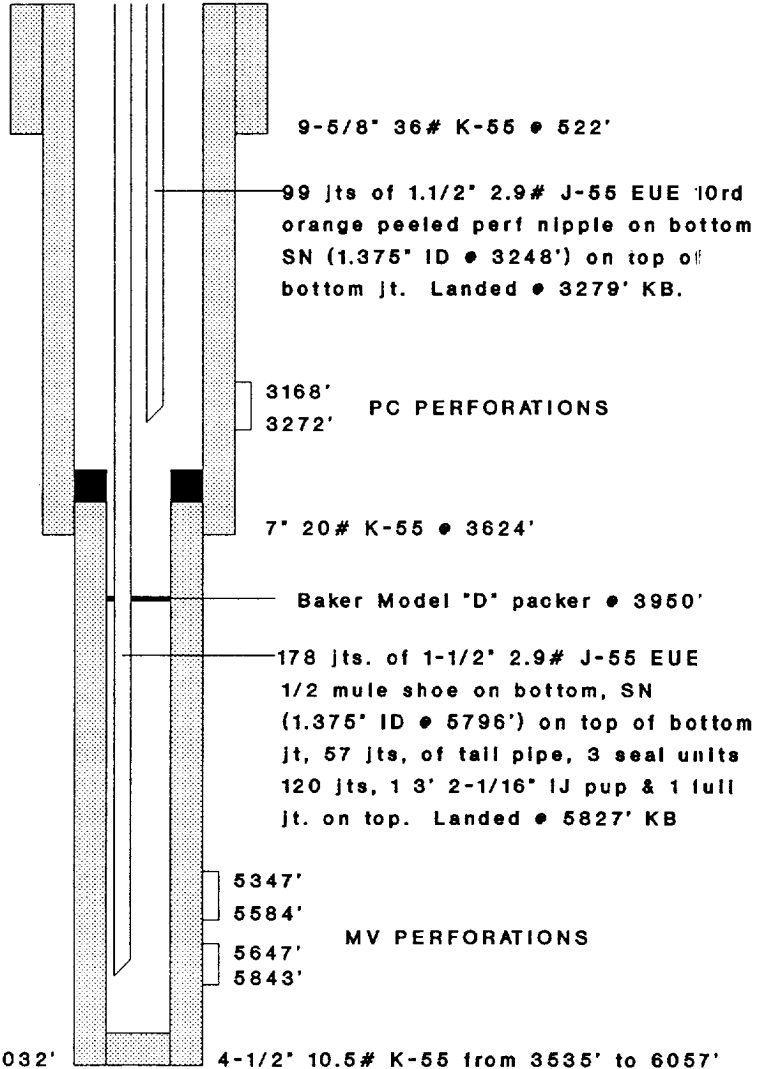
mv

- 5647'to 5843'
120,000# 20/40, 149,210 gals of slick water.
- 5347'to 5584'
70,000# 20/40, 105,084 gals of slick water.

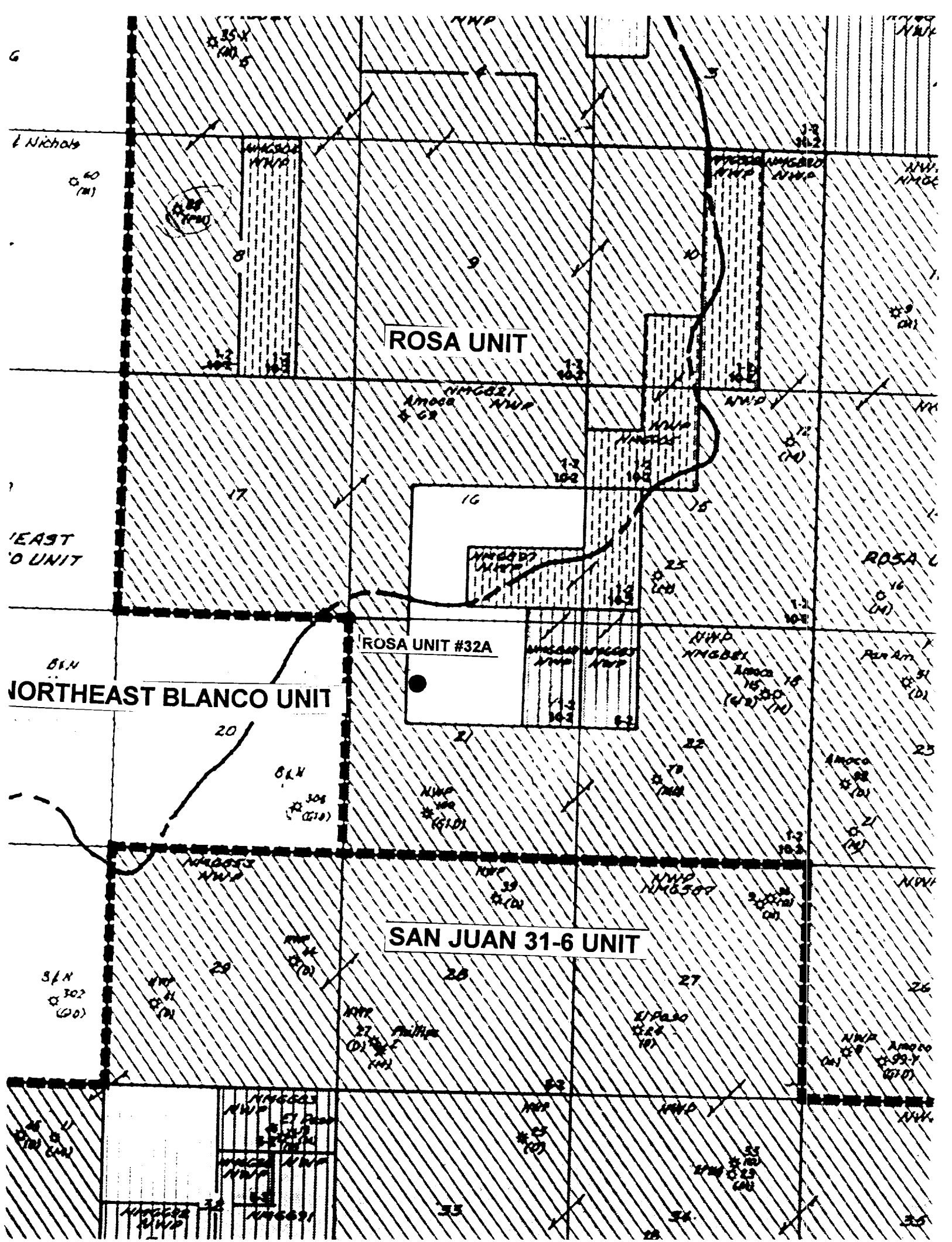
PC

- 3168'to 3272'
110,000# 20/40, 40,626 gals of 70 quality foam.

PBTD • 6032'



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
12-1/4"	9-5/8" 36#	265 SX	305 CU.FT.	SURFACE
8-3/4"	7" 20#	610 SX	1126 CU.FT.	SURFACE
6-1/4"	4-1/2" 10.5#	240 SX	415 CU.FT.	LINER TOP



**OFFSET OPERATORS
ROSA UNIT #32A
F-21-31N-6W**

1. NORTHEAST BLANCO UNIT

Operator: Blackwood Nichols, P.O. Box 1237, Durango, CO., 81302

2. LEASE: ROSA UNIT

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

3. LEASE: SAN JUAN 31-6 UNIT

Operator: Phillips Petroleum Company, P.O. Box 1967, Houston, TX, 77251-1967

SIMULTANEOUS COMPENSATED NEUTRON- FORMATION DENSITY

Northwest Pipeline Corporation

Rosa Unit No. 32A

Wildcat: Rosa PC/Blanco MV

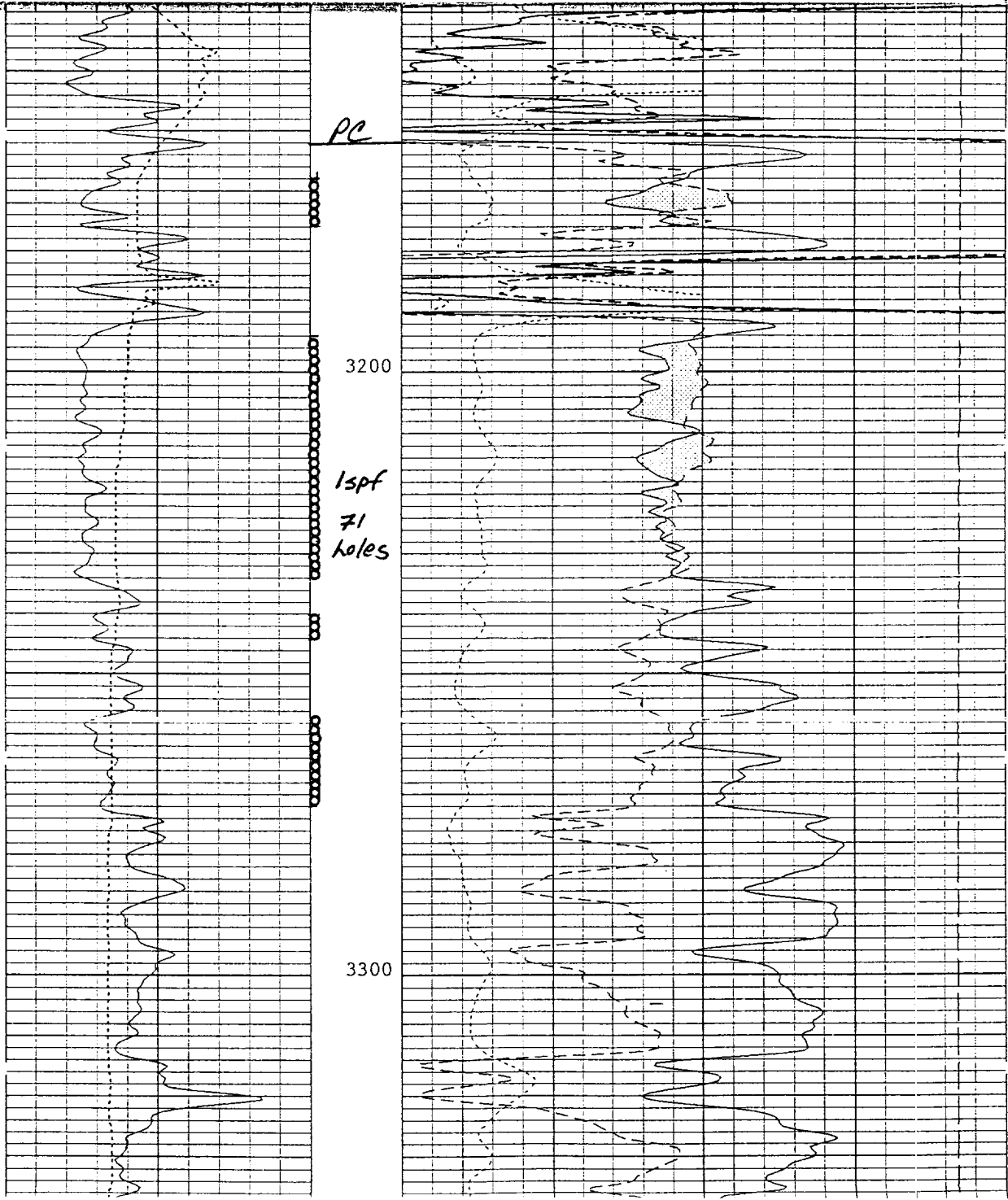
Rio Arriba STATE New Mexico

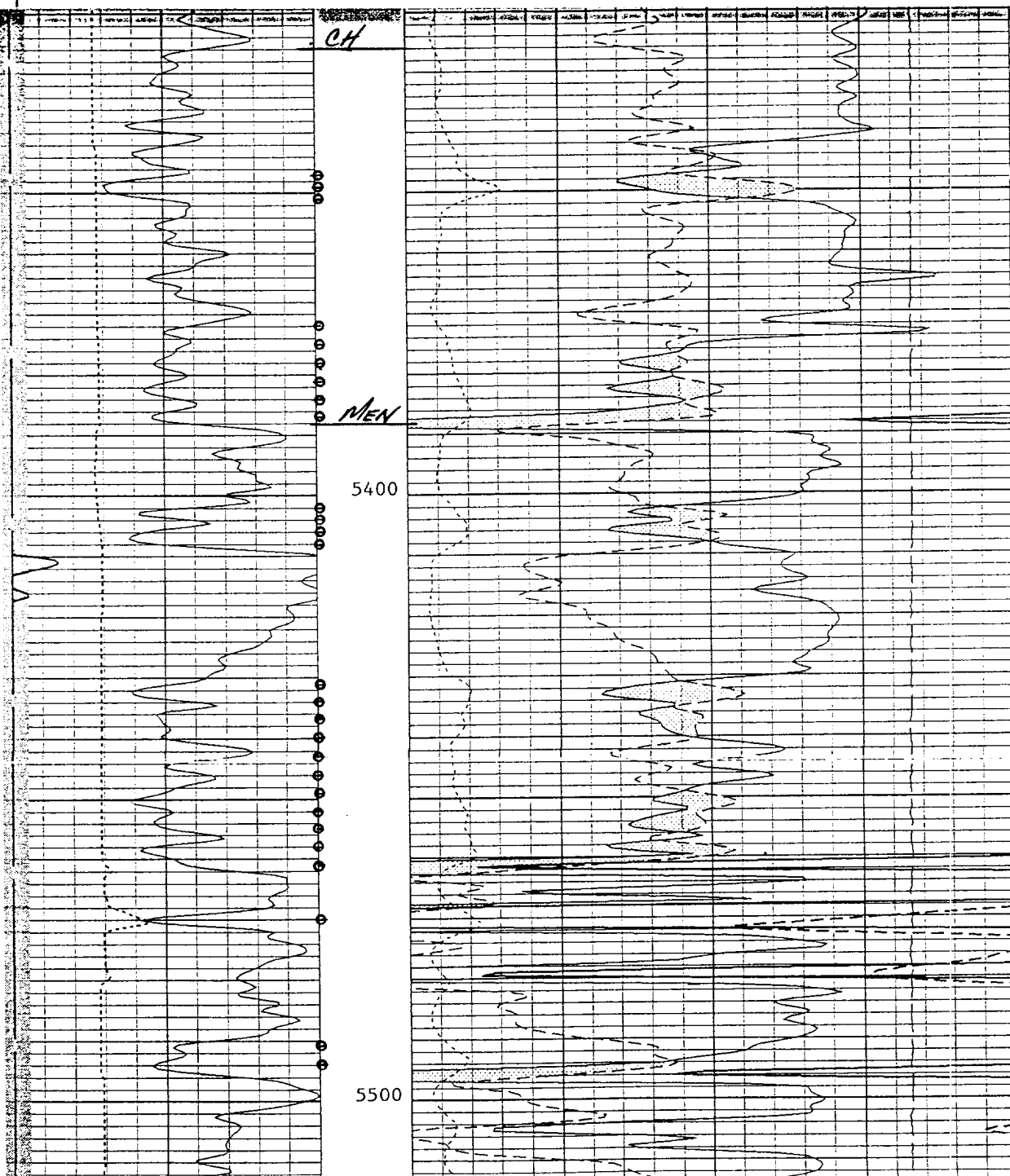
'FWL Other Services:
DIL/LDT
CNL/GH

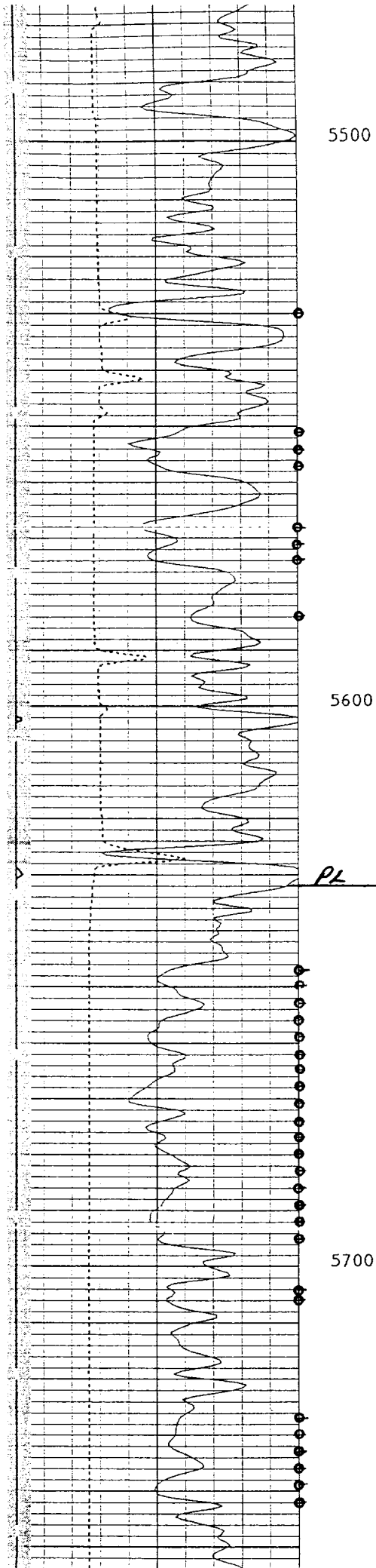
SECT.	TWP.	RANGE	Elev.
21	31N	6W	6336.0 F
9	12.0 F	above Perm. Datum	D.F. 6347.0 F G.L. 6336.0 F

30 F	(u)	(u)
20.0 F	(u)	(u)
70.0 S		
(u) 102. DEGF		(u)
(u) 102. DEGF		(u)
(u) 102. DEGF		(u)
CALC		
(u) 130. DEGF		(u)
02.20		
07.03		
Farmingington		

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







5500

5600

5700

PL

