

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	#145A	D 16 31 06	SAN JUAN
Lease	Well No.	Unit Ltr. — Sec — Twp — Rge	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	WILDCAT; ROSA PICTURED CLIFFS		BLANCO MESAVERDE
b. Top and Bottom of Pay Section (Perforations)	3227' - 3332'		5410' - 5900'
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.	4 HR. PITOT 1,374 MCF/D	RECEIVED OCT - 6 1994 OIL CON. DIV. DIST. 3	2 HR. PITOT 2,774 MCF/D

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 10/05/94 Telephone (801)584-6981

OIL CONSERVATION DIVISION

Approved by: Original Signed by FRANK T. CHAVEZ
Title: SUPERVISOR DISTRICT # 3
Date: OCT - 6 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 #145A PC/MV

LOCATION: 823'FNL, 1139'FWL
NW/4 NW/4 SEC. 16, T31N, R6W
SAN JUAN, Co., NM
ELEVATION: 6385' GR
KB: 12'

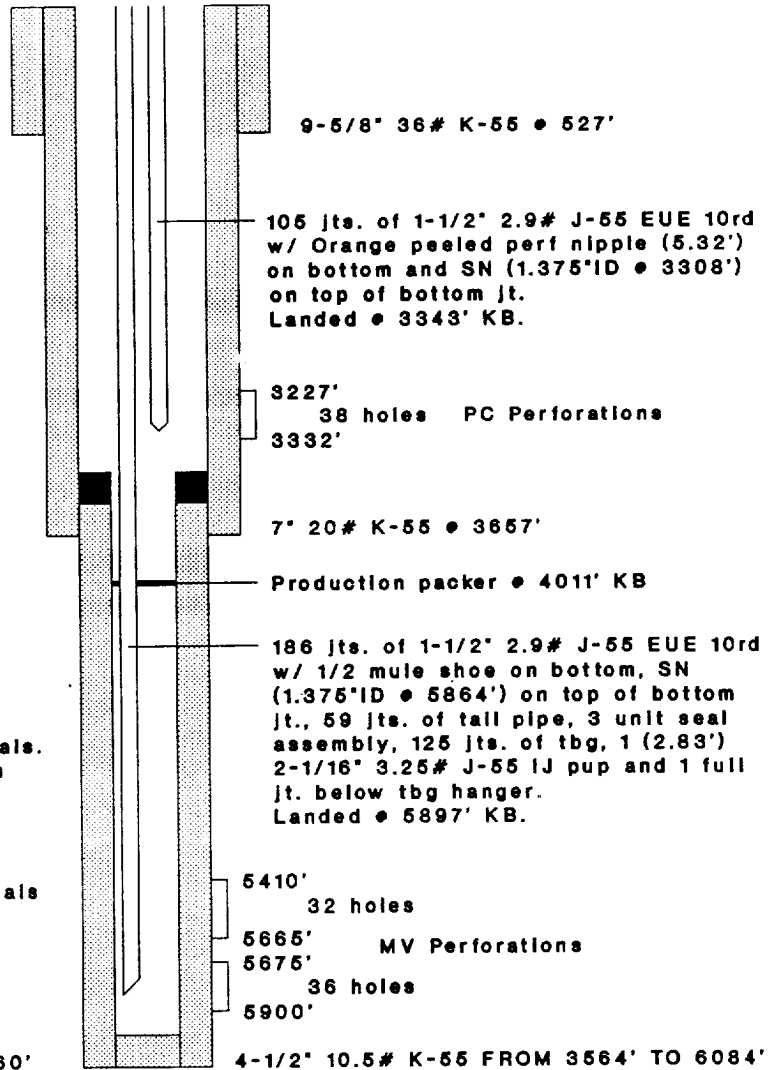
TOPS:

NACIMIENTO	N/A
OJO ALAMO	2378'
KIRTLAND	2487'
FRUITLAND	2993'
PICTURED CLIFFS	3226'
LEWIS	3543'
CLIFF HOUSE	5346'
MENEFEE	5444'
POINT LOOKOUT	5674'
MANCOS	5904'

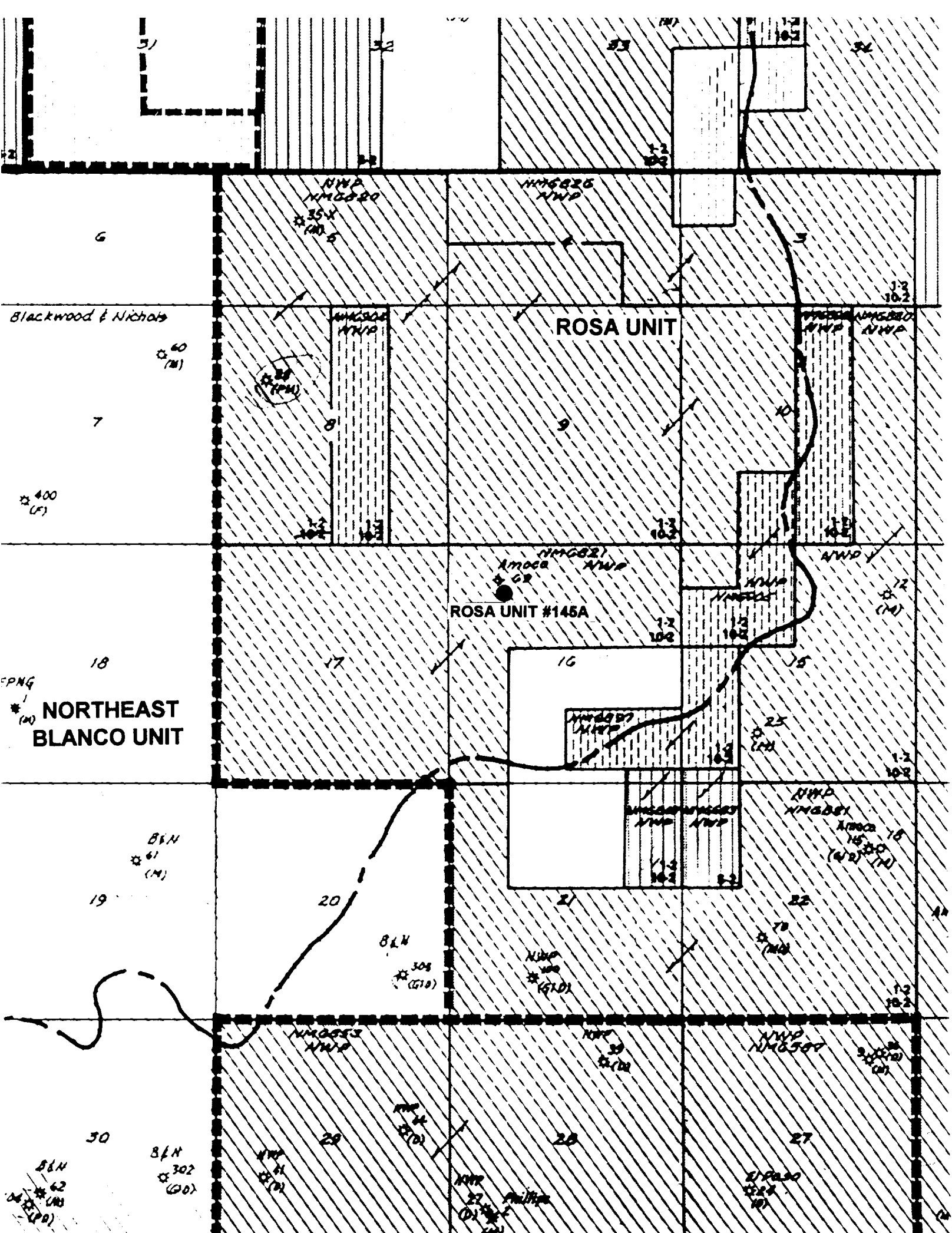
STIMULATION

PC: 3227' to 3243'
111,900# of 20/40 sand in 23,898 gals.
of 30# X-Link gel in a 70 qual foam
MV: 5410' to 5665'
66,200# 20/40 sand in 86,394 gals
of slick water.
MV: 5675' to 5900'
90,920# of 20/40 sand in 115,668 gals
of slick water.

FC • 6060'



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
12-1/4"	9-5/8" 36#	285 SX	327 CU.FT.	SURFACE
8-3/4"	7" 20#	560 SX	1079 CU.FT.	SURFACE
6-1/4"	4-1/2" 10.5#	245 SX	424 CU.FT.	LINER TOP



**OFFSET OPERATORS
ROSA UNIT #145A
D-16-31N-6W**

1. LEASE: ROSA UNIT
Operator: Northwest Pipeline Corp, MS-2M3, P.O. Box 58900, Salt Lake City, UT, 84158-0900
2. LEASE: NORTHEAST BLANCO UNIT
Operator: Blackwood and Nichols, P.O. Box 1237, Durango, CO, 81302

SIMULTANEOUS COMPENSATED NEUTRON- FORMATION DENSITY

Northwest Pipeline Corporation

Well Unit No. 145A

Location: Rosa PC/Blanco MV

Well Name: San Juan STATE New Mexico

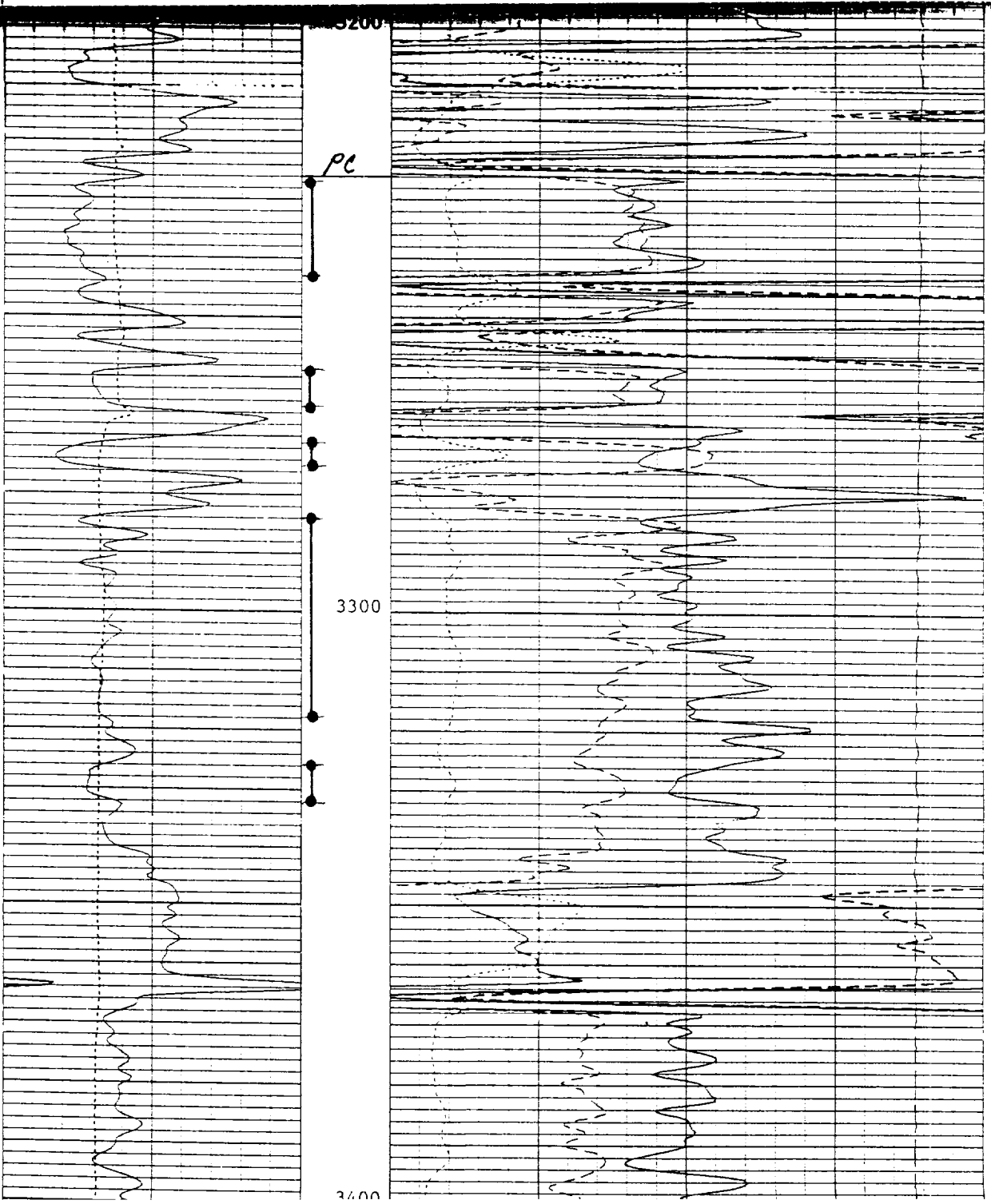
Other Services:
DIL/LDT
CNL/GR

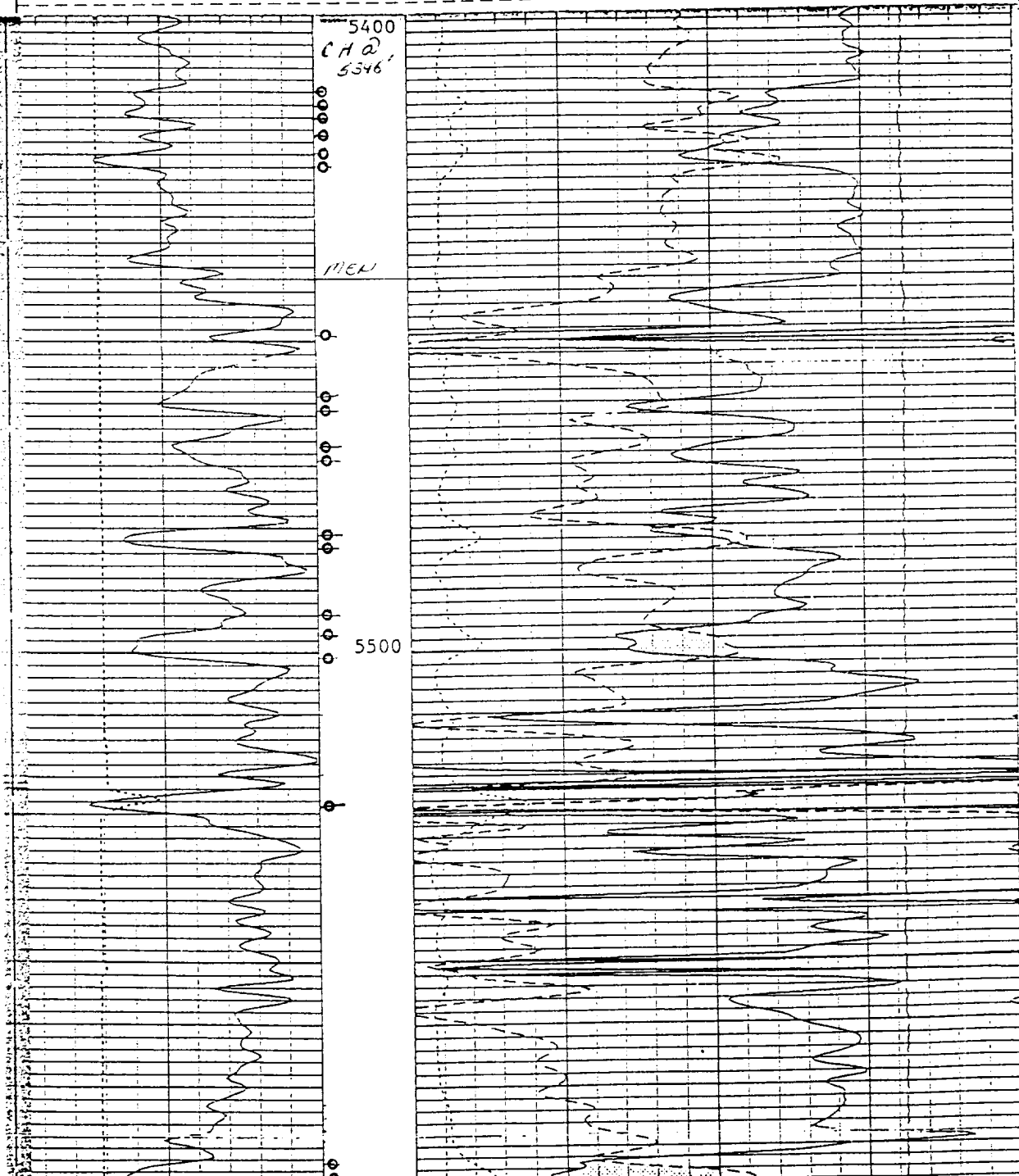
SECT.	TWP.	RANGE
16	31N	6W

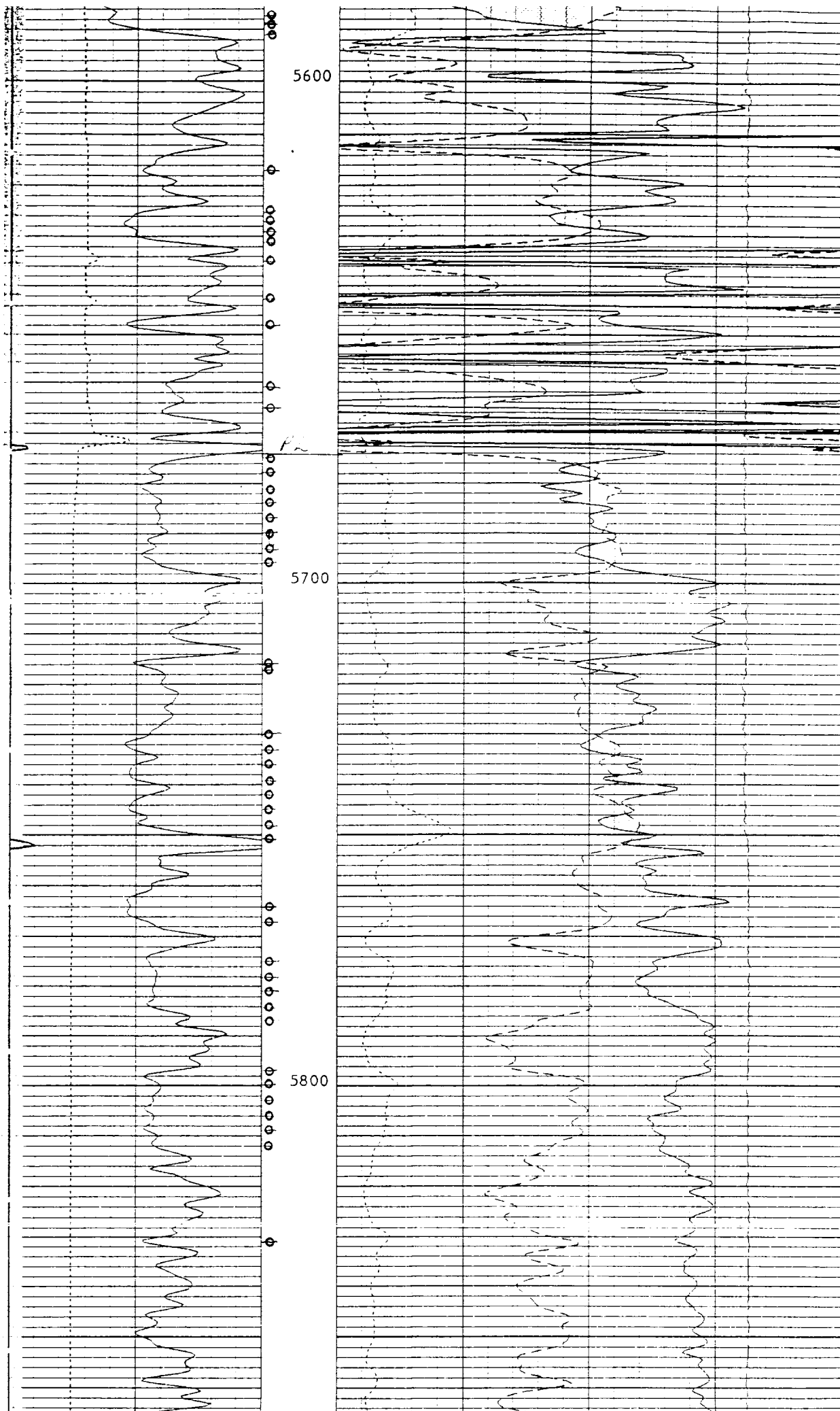
Elev. 6385.0 F
120 F above Perm. Datum
Elev.: K.B. 6397.0 F
D.F. 6396.0 F
G.L. 6385.0 F

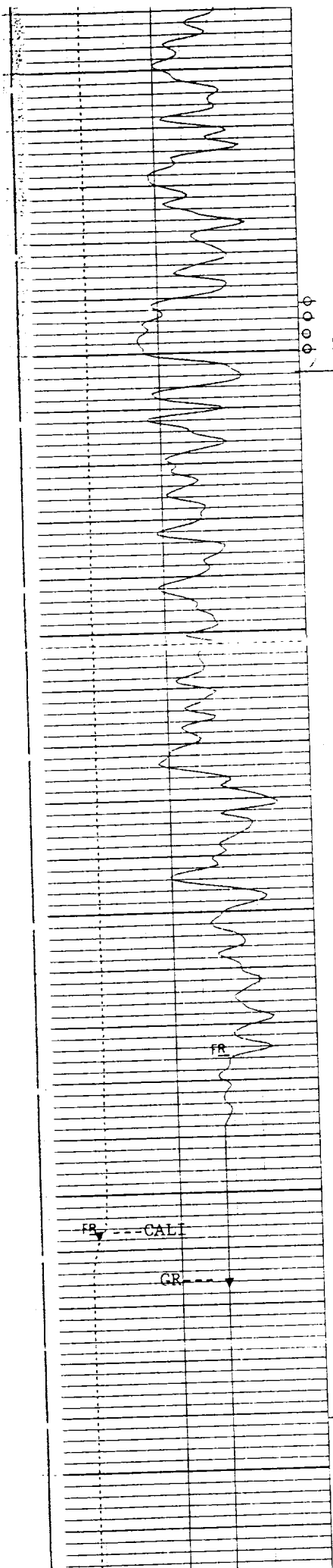
DF	(a)	(a)
0 F	(a)	(a)
60.0 S		
(w) 105 DEGT		(a)
(a) 105 DEGF		(a)
(w) 105 DEGF		(a)
CALC		(a)
(w) 132 DEGF		(a)
55		
100		
Fannington		

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









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5900

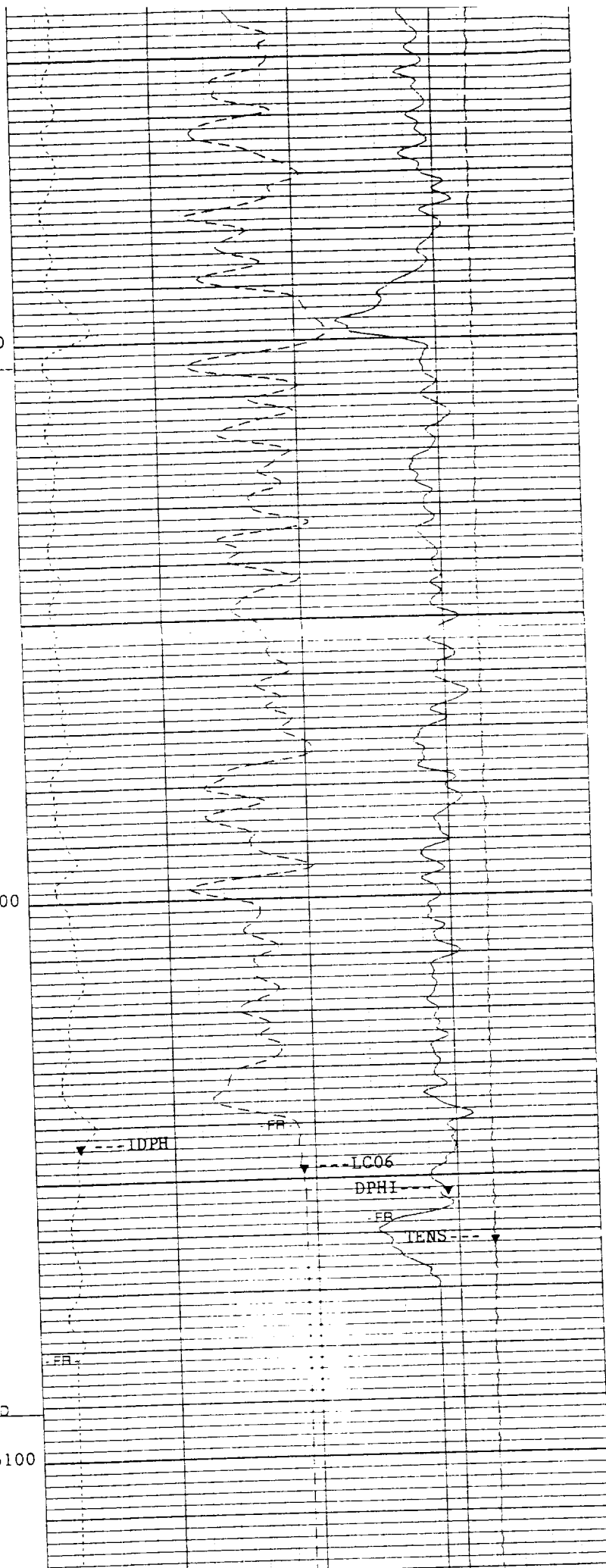
6000

FR --- CALI

GR ---

ID

6100



--- IDPH

FR

--- LC06

DPHI ---

FR

TENS ---

FR