

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	#8A	D 26 31 06	RIO ARRIBA
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	PICTURED CLIFFS		MESAVERDE
b. Top and Bottom of Pay Section (Perforations)	3113' - 3208'		5292' - 5819'
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 2,774 MCF/D	RECEIVED SEP - 6 1994 OIL CON. DIV. DIST. 3	PITOT 2,416 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 **09/02/94** Telephone **(801)584-6981**

OIL CONSERVATION DIVISION

Approved by: Original Signed by FRANK T. CHAVEZ
Title: **SUPERVISOR DISTRICT # 3**
Date: **SEP - 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 #8A PC/MV

LOCATION: 963'FNL, 1184'FWL
NW/4 NW/4 SEC. 26, T31N, R6W
RIO ARRIBA, Co., NM
ELEVATION: 6474' GR
KB: 12'

TOPS:

NACIMIENTO	N/A
OJO ALAMO	2327'
KIRTLAND	2459'
FRUITLAND	2910'
PICTURED CLIFFS	3112'
LEWIS	3436'
CLIFF HOUSE	5277'
MENEFEE	5382'
POINT LOOKOUT	5577'
MANCOS	5896'

STIMULATION

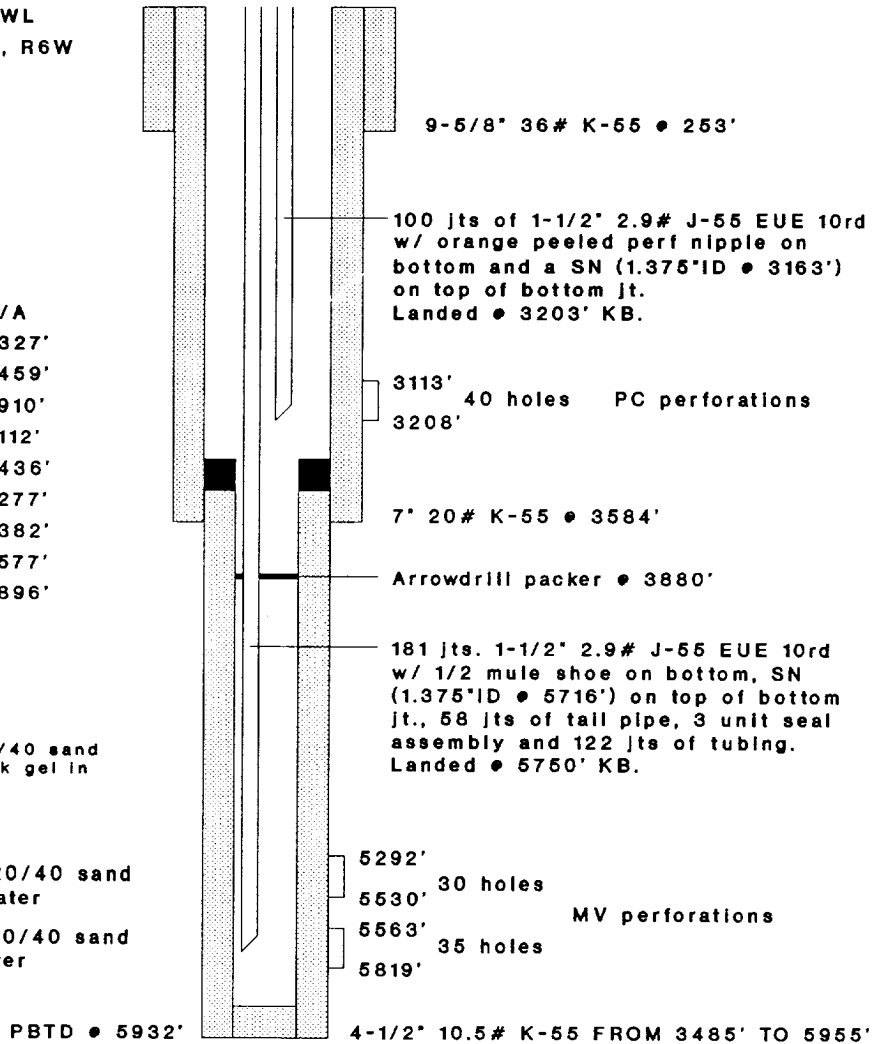
PICTURED CLIFFS

3113' to 3208': 108,500# 20/40 sand
in 22,680 gals of 30# X-Link gel in
a 70 quality foam

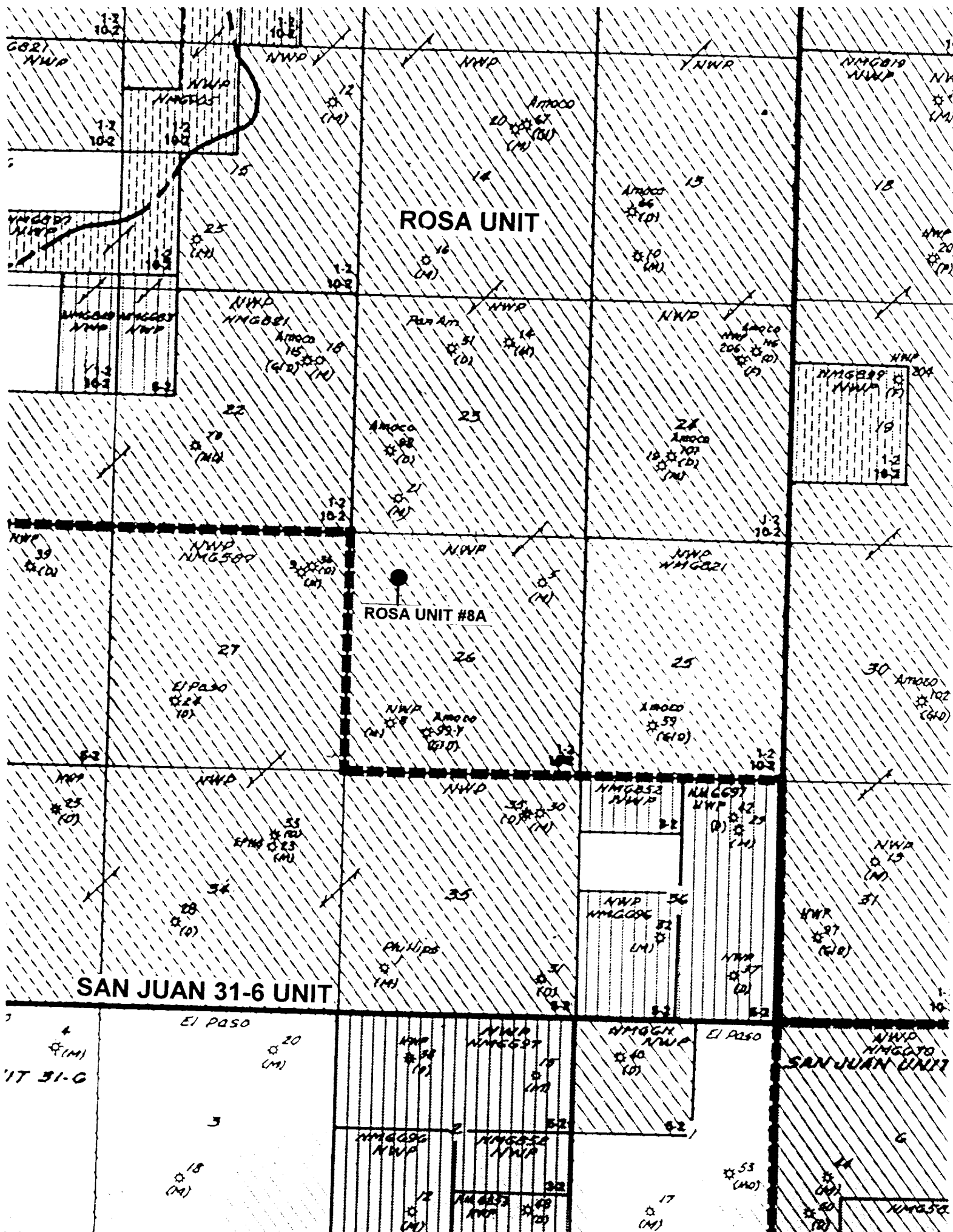
MESA VERDE

5563' to 5819': 109,100# 20/40 sand
in 105,596 gals of slick water

5292' to 5530': 53,500# 20/40 sand
in 81,438 gals of slick water



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
12-1/4"	9-5/8" 36#	150 SX	177 CU.FT.	SURFACE
8-3/4"	7" 20#	550 SX	1044 CU.FT.	SURFACE
6-1/4"	4-1/2" 10.5#	235 SX	407 CU.FT.	LINER TOP



**OFFSET OPERATORS
ROSA UNIT #8A
D-26-31N-6W**

1. LEASE: ROSA UNIT

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

2. LEASE: SAN JUAN 31-6 UNIT

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

SIMULTANEOUS COMPENSATED NEUTRON- FORMATION DENSITY

SIMULTANEOUS

Northwest Pipeline Corporation

Rosa Unit No. 8A

Wildcat: Rosa PC/Blanco MV

Rio Arriba	STATE	New Mexico

Wildcat, Rosa PC, Blanco, MA
963FNL & 1164FWL
Rosa Unit No. 8A
Northwest Pipeline Corporation

LOCATION	COUNTY	FIELD
963FNL & 1164FWL	Rio	Will

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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Other Services:
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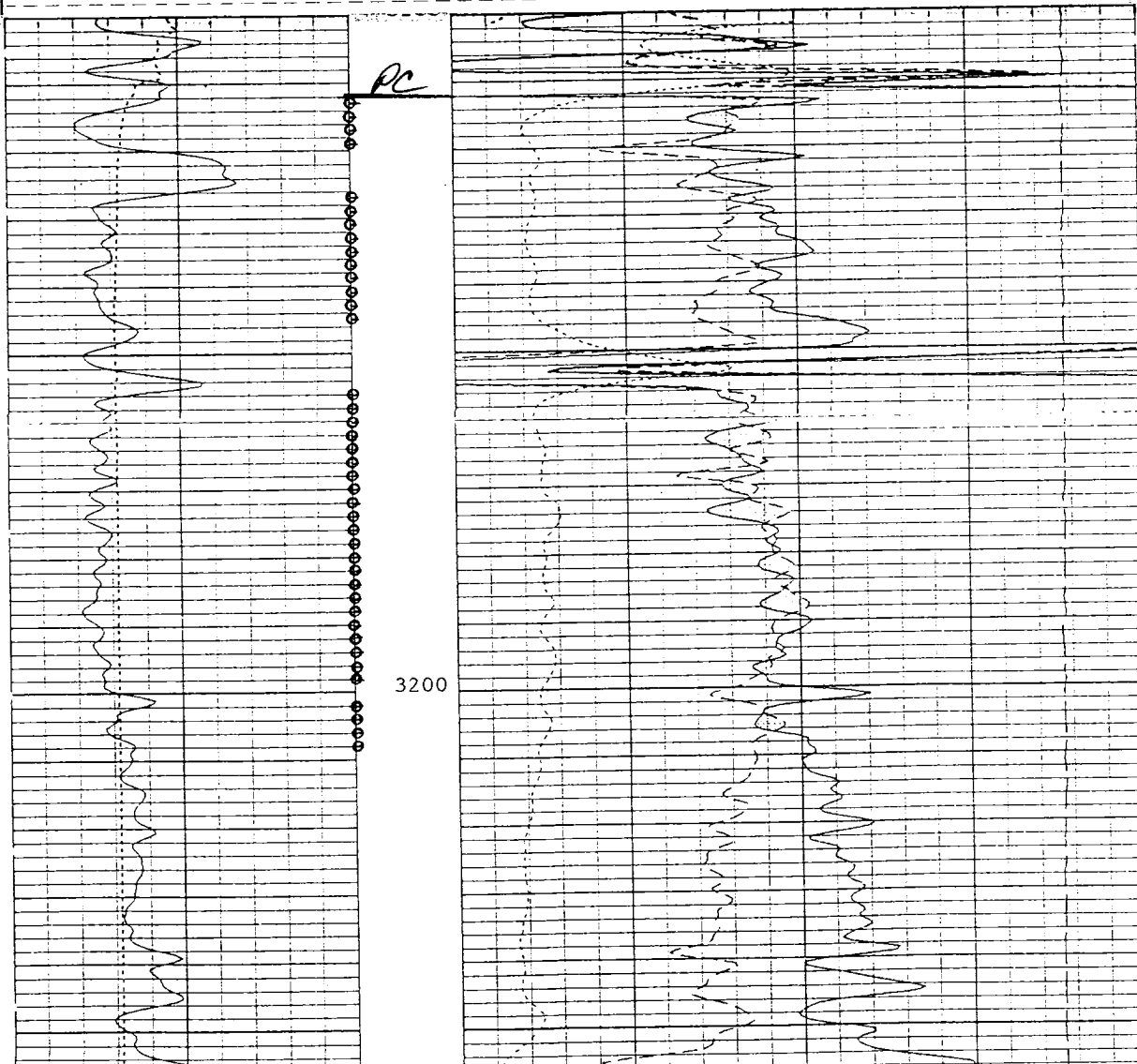
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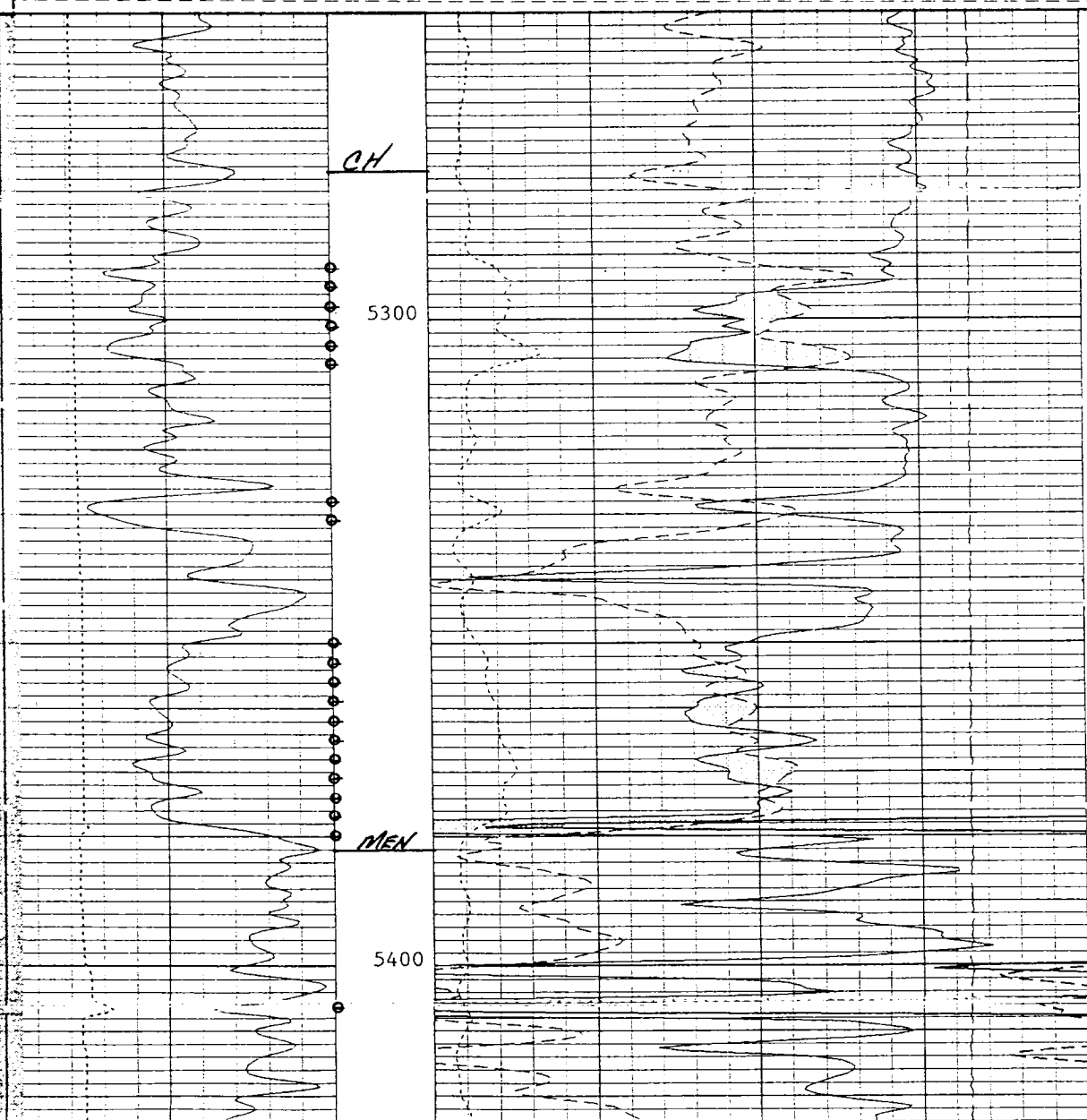
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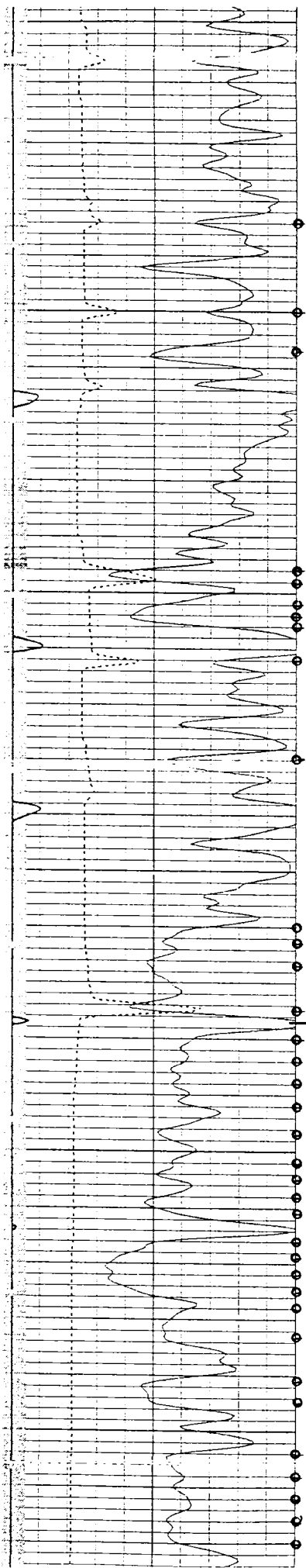


Northwest Pipeline Corporation

MICHAEL T.
STATE New Mexico

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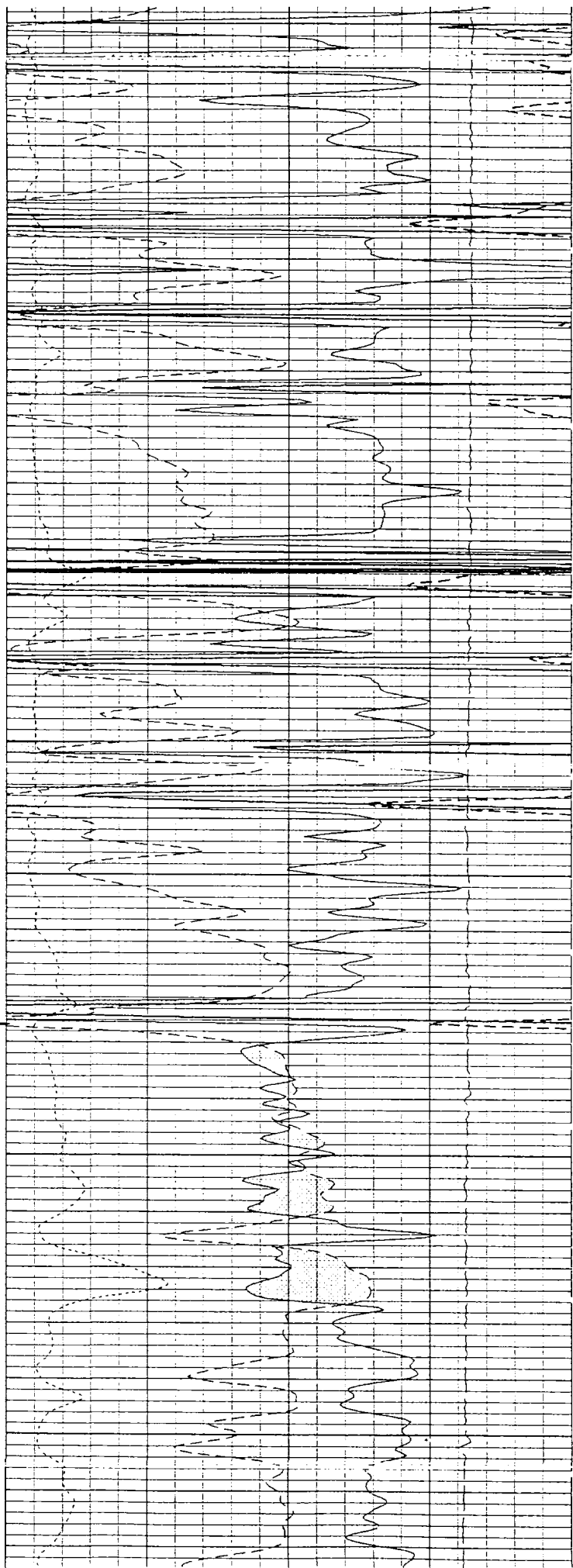


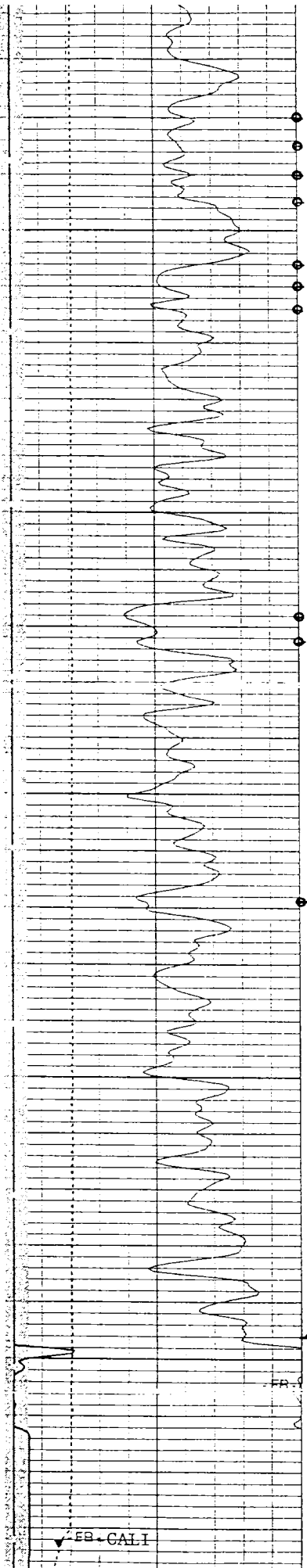
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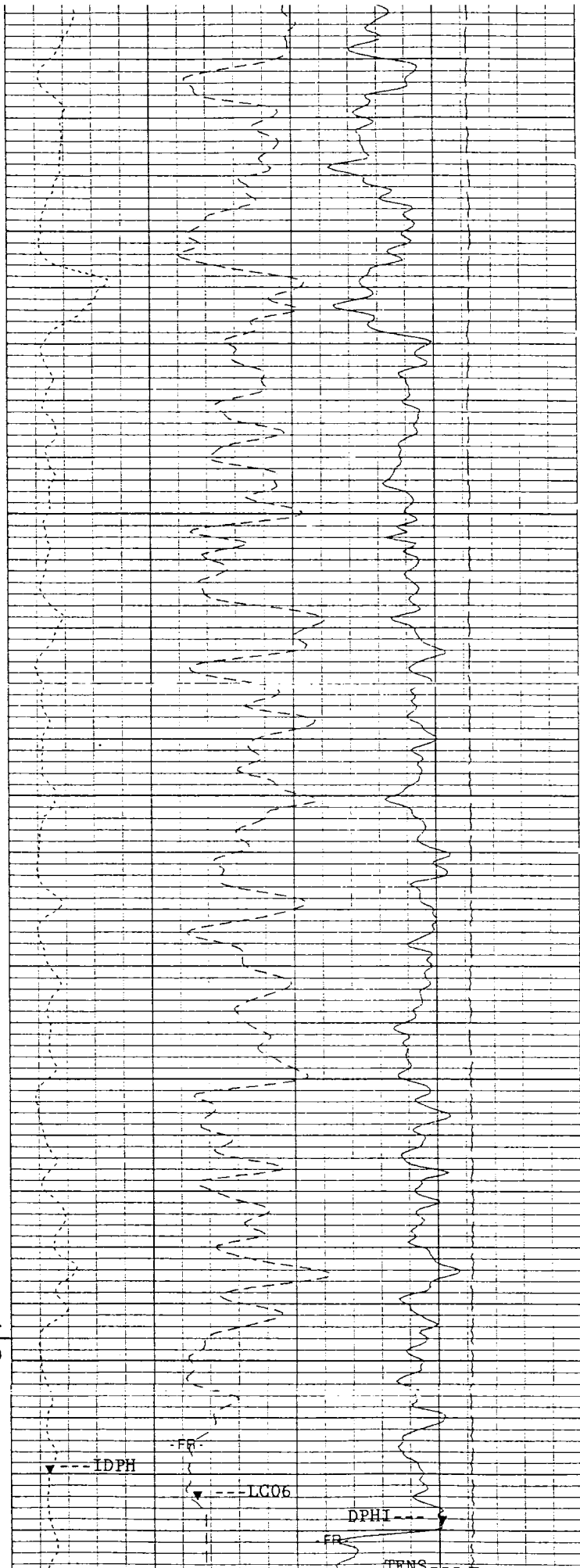
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