

USGS-5
Acctg-1
File-1U. S. LAND OFFICE
SERIAL NUMBER **Memilla**
LEASE OR PERMIT TO PROSPECT
Contract #117UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYREVISED
LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Northwest Production Corporation** Address **200 King Blvd., Albuquerque, N.M.**
Lessor or Tract **"E"** Field **Tasapito PC** State **New Mexico**
Well No. **2-35** Sec. **33** T. **24N** R. **3W** Meridian **NPM** County **Rio Arriba**
Location **1619** ft. **N** of **8** Line and **974** ft. **E** of **W** Line of **Section 33** Elevation **7470.5** grad
(Derrick floor relative to sea level)
The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.
Signed **RAY PHILLIPS**
Date **March 14, 1957** Title **Asst. Mgr., Production Operations**

The summary on this page is for the condition of the well at above date.

Commenced drilling **6-23-56** 19 **56** Finished drilling **2-23-57** 19 **57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4082** to **4108** G No. 4, from **5800** to **5808** G
No. 2, from **5740** to **5772** G No. 5, from **5808** to **5822** G
No. 3, from **5772** to **5790** G No. 6, from **5822** to **5842** G

IMPORTANT WATER SANDS

(Continued on reverse side)

No. 1, from **None** to **None** No. 3, from **None** to **None**
No. 2, from **None** to **None** No. 4, from **None** to **None**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
9-5/8	32.30	8-20	Spang	120.00	Baker	Gravel			
7	28.00	8-20	Spang	400.00	Baker	Gravel			
5	21.50	8-20	Spang	120.00	Baker	Gravel			
2-3/8	4.7	8-20	Spang	120.00	Baker	Gravel			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity
9-5/8	132.00	100 w/3% CaCl	Mucos	
7	4391.20	30 of 82 & 100 rag	Mucos	
5	6438.0	125 of 122 & 175 rag	Mucos	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from **0** feet to **4460** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ March 6, 19 **57** **Macavorda** Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours **2,014** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **SI TP 12034. SI CP 9614. SI 8 days.**

EMPLOYEES (See opposite side for PC test)

_____, Driller _____, Driller
H. B. Jones _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3602	3602	Surface
3602	3808	206	Ojo Alamo - Sand
3808	3866	58	Kirtland - Shale
3866	4052	186	Fruitland - Interbedded sand, shale & coal
4052	4112	60	Pictured Cliffs - Sand
4112	5716	1604	Louis-Shale
5716	5824	108	Cliff House - Sand
5824	6192	368	Mamee - Interbedded sand, shale and coal
6192	6358	166	Point Lockout - Sand
6358	6460 TD	102	Mamee - Shale

[OVER]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

120124

The animals on this page is for the condition of the well at above date.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked", or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

[illegible]

PLUGS AND ADAPTERS

SHOOTING RECORD		Adapters—Material	Size
		Heaving plug—Material	Length
		Depth set	

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from	feet to	feet, and from	feet to
Rotary tools were used from	feet to	feet, and from	feet to

DATE

It gas well, at ft. per 24 hours of water; and The production for the first 24 hours was	put to producing barrels of fluid of which Gavitzky, B. Gallons gasoline per barrel of gas
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EMPLOYEES

$\text{ref}(rC)$		$\text{ref}(rC)$	
$\text{ref}(rI)$		$\text{ref}(rI)$	

FORMATION RECORD

FORMATION	TOTAL FEET	TO -	FROM -
1000 - 1001	100	1000	1000
1001 - 1002	100	1001	1001
1002 - 1003	100	1002	1002
1003 - 1004	100	1003	1003
1004 - 1005	100	1004	1004
1005 - 1006	100	1005	1005
1006 - 1007	100	1006	1006
1007 - 1008	100	1007	1007
1008 - 1009	100	1008	1008
1009 - 1010	100	1009	1009
1010 - 1011	100	1010	1010
1011 - 1012	100	1011	1011
1012 - 1013	100	1012	1012
1013 - 1014	100	1013	1013
1014 - 1015	100	1014	1014
1015 - 1016	100	1015	1015
1016 - 1017	100	1016	1016
1017 - 1018	100	1017	1017
1018 - 1019	100	1018	1018
1019 - 1020	100	1019	1019
1020 - 1021	100	1020	1020
1021 - 1022	100	1021	1021
1022 - 1023	100	1022	1022
1023 - 1024	100	1023	1023
1024 - 1025	100	1024	1024
1025 - 1026	100	1025	1025
1026 - 1027	100	1026	1026
1027 - 1028	100	1027	1027
1028 - 1029	100	1028	1028
1029 - 1030	100	1029	1029
1030 - 1031	100	1030	1030
1031 - 1032	100	1031	1031
1032 - 1033	100	1032	1032
1033 - 1034	100	1033	1033
1034 - 1035	100	1034	1034
1035 - 1036	100	1035	1035
1036 - 1037	100	1036	1036
1037 - 1038	100	1037	1037
1038 - 1039	100	1038	1038
1039 - 1040	100	1039	1039
1040 - 1041	100	1040	1040
1041 - 1042	100	1041	1041
1042 - 1043	100	1042	1042
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1062 - 1063	100	1062	1062
1063 - 1064	100	1063	1063
1064 - 1065	100	1064	1064
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1066 - 1067	100	1066	1066
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1069 - 1070	100	1069	1069
1070 - 1071	100	1070	1070
1071 - 1072	100	1071	1071
1072 - 1073	100	1072	1072
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1074 - 1075	100	1074	1074
1075 - 1076	100	1075	1075
1076 - 1077	100	1076	1076
1077 - 1078	100	1077	1077
1078 - 1079	100	1078	1078
1079 - 1080	100	1079	1079
1080 - 1081	100	1080	1080
1081 - 1082	100	1081	1081
1082 - 1083	100	1082	1082
1083 - 1084	100	1083	1083
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1094 - 1095	100	1094	1094
1095 - 1096	100	1095	1095
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1097 - 1098	100	1097	1097
1098 - 1099	100	1098	1098
1099 - 1100	100	1099	1099
1100 - 1101	100	1100	1100
1101 - 1102	100	1101	1101
1102 - 1103	100	1102	1102
1103 - 1104	100	1103	1103
1104 - 1105	100	1104	1104
1105 - 1106	100	1105	1105
1106 - 1107	100	1106	1106
1107 - 1108	100	1107	1107
1108 - 1109	100	1108	1108
1109 - 1110	100	1109	1109
1110 - 1111	100	1110	1110
1111 - 1112	100	1111	1111
1112 - 1113	100	1112	1112
1113 - 1114	100	1113	1113
1114 - 1115	100	1114	1114
1115 - 1116	100	1115	1115
1116 - 1117	100	1116	1116
1117 - 1118	100	1117	1117
1118 - 1119	100	1118	1118
1119 - 1120	100	1119	1119
1120 - 1121	100	1120	1120
1121 - 1122	100	1121	1121
1122 - 1123	100	1122	1122
1123 - 1124	100	1123	1123
1124 - 1125	100	1124	1124
1125 - 1126	100	1125	1125
1126 - 1127	100	1126	1126
1127 - 1128	100	1127	1127
1128 - 1129	100	1128	1128
1129 - 1130	100	1129	1129
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1133 - 1134	100	1133	1133
1134 - 1135	100	1134	1134
1135 - 1136	100	1135	1135
1136 - 1137	100	1136	1136
1137 - 1138	100	1137	1137
1138 - 1139	100	1138	1138
1139 - 1140	100	1139	1139
1140 - 1141	100	1140	1140
1141 - 1142	100	1141	1141
1142 - 1143	100	1142	1142
1143 - 1144	100	1143	1143
1144 - 1145	100	1144	1144
1145 - 1146	100	1145	1145
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1165 - 1166	100	1165	1165
1166 - 1167	100	1166	1166
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1169 - 1170	100	1169	1169
1170 - 1171	100	1170	1170
1171 - 1172	100	1171	1171
1172 - 1173	100	1172	1172
1173 - 1174	100	1173	1173
1174 - 1175	100	1174	1174
1175 - 1176	100	1175	1175
1176 - 1177	100	1176	1176
1177 - 1178	100	1177	1177
1178 - 1179	100	1178	1178
1179 - 1180	100	1179	1179
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1185 - 1186	100	1185	1185
1186 - 1187	100	1186	1186
1187 - 1188	100	1187	1187
1188 - 1189	100	1188	1188
1189 - 1190	100	1189	1189
1190 - 1191	100	1190	1190
1191 - 1192	100	1191	1191
1192 - 1193	100	1192	1192
1193 - 1194	100	1193	1193
1194 - 1195	100	1194	1194
1195 - 1196	100	1195	1195
1196 - 1197	100	1196	1196
1197 - 1198	100	1197	1197
1198 - 1199	100	1198	1198
1199 - 1200	100	1199	1199
1200 - 1201	100	1200	1200
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1218 - 1219	100	1218	1218
1219 - 1220	100	1219	1219
1220 - 1221	100	1220	1220
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1231 - 1232	100	1231	1231
1232 - 1233	100	1232	1232
1233 - 1234	100	1233	1233
1234 - 1235	100	1234	1234
1235 - 1236	100	1235	1235
1236 - 1237	100	1236	1236
1237 - 1238	100	1237	1237
1238 - 1239	100	1238	1238
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1240 - 1241	100	1240	1240
1241 - 1242	100	1241	1241
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1243 - 1244	100	1243	1243
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1247 - 1248	100	1247	1247
1248 - 1249	100	1248	1248
1249 - 1250	100	1249	1249
1250 - 1251	100	1250	1250
1251 - 1252	100	1251	1251
1252 - 1253	100	1252	1252
1253 - 1254	100	1253	1253
1254 - 1255	100	1254	1254
1255 - 1256	100	1255	1255
1256 - 1257	100	1256	1256
1257 - 1258	100	1257	1257
1258 - 1259	100	1258	1258
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1260 - 1261	100	1260	1260
1261 - 1262	100	1261	1261
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1266 - 1267	100	1266	1266
1267 - 1268	100	1267	1267
1268 - 1269	100	1268	1268
1269 - 1270	100	1269	1269
1270 - 1271	100	1270	1270
1271 - 1272	100	1271	1271
1272 - 1273	100	1272	1272
1273 - 1274	100	1273	1273
1274 - 1275	1		

(CONT'D) ~~SECRET TO BE DECLASSIFIED BY 1000~~

FORMATION

FORMATION RECORD—Continued

WELL "E" 2-33

Tstd well w/evidence of communication between zones. MI & RU unit 1-7-57. Pulled plug choke, landed tbg donut and both zones kicked off. Set Otis tbg pack-off from 4085-97 and released unit 1-18-57. On 1-28-57 changed out packer cups, pulled and reran tbg pack off from 4088-4108. Blew well 1 hour thru tbg w/no change in casing press. Further tests indicated leak in tubing.

On 2-15-57 MI & RU unit. Killed well and pulled tubing and packer. Replaced damaged joints and reran 6227.33' of 2-3/8" OD J-55 4.7# 8-ED EUE tubing hung at 6248' w/Otis side-door choke at 5700.99' and Baker "EEJ" production packer at 5702.08'. Kicked off both zones and released unit 12 noon 2-23-57. Well shut in for gage.

Revised to include refracturing of PC, resetting and testing of tubing and production packer, and results of potential test.

TESTS (CONTD)

Tested Pictured Cliffs on 3-13-57. SI TP 1197#. SI CP 979#. CAOF 2,612 MCFD.

