

Santa Fe, New Mexico

WELL RECORD

AREA 840 ACRES
LOCATE WELL CORRECTLY

Tide Water Associated Oil Company
(Company or Operator)

State "P" Unit
(Lease)

Well No. 5-D, in SH $\frac{1}{4}$ of SH $\frac{1}{4}$, of Sec. 32, T. 16-S, R. 37-E, NMPM.

Livingston Paddock Pool, 100 County.

Well is 330 feet from South line and 330 feet from East line

of Section 32-166-37E If State Land the Oil and Gas Lease No. is B7897

Drilling Commenced.....12-16-54....., 19..... Drilling was Completed.....1-18-55....., 19.....

Name of Drilling Contractor..... D-S Drilling Company

Address.....110 W. North Front St., Midland, Texas

Elevation above sea level at Top of Tubing Head..... 3801.1..... The information given is to be kept confidential until

~~Not Confidential~~....., 19.....

No. 1, from 6250' to 6200' No. 4, from _____ to _____

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.

No. 2, from.....to.....feet.

No. 3, from.....to.....feet.

No. 4, from to feet.

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|--------|-----------------|-------------|--------|--------------|---------------------|--------------|---------------|
| 8-5/8" | 324 | New | 2081.0 | Horse | - | - | Salt String |
| 5-1/2" | 15.54 | New | 6226.1 | Horse | - | 6150 - 6200 | Production St |
| | | | | | | | |

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|-------------------------|-------------|-------------|------------------------------------|
| 11" | 8-5/8" | 2093: | 800 of 850# 200 Neat | Halliburton | Water | 2 sbs Lime 64 sbs Controloid |
| 7-7/8" | 5-1/2" | 6238: | 300 of 85 200 Neat | B.J. | 10.3 | 195 sbs Salt 2 sbs Caustic Soda |

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Acidized with 5000 gallons through perforations 6150 - 6200'.
Well flowed 365 bbls. of oil per day.

Result of Production Stimulation.....Did not test natural.....

Depth. Cleaned Out.....6230'

RECORD OF DRILL-STEM AND SPECIAL " 75

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

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

Cable tools were used from.....feet to.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing....., 19.....

OIL WELL: The production during the first 24 hours wasbarrels of liquid of which.....% was
was oil;% was emulsion;% water; and.....% was sediment. A.P.I.
Gravity.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

| | | |
|--------------------|---------------------|----------------------------|
| T. Anhy..... | T. Devonian..... | T. Ojo Alamo..... |
| T. Salt..... | T. Silurian..... | T. Kirtland-Fruitland..... |
| B. Salt..... | T. Montoya..... | T. Farmington..... |
| T. Yates..... | T. Simpson..... | T. Pictured Cliffs..... |
| T. 7 Rivers..... | T. McKee..... | T. Menefee..... |
| T. Queen..... | T. Ellenburger..... | T. Point Lookout..... |
| T. Grayburg..... | T. Gr. Wash..... | T. Mancos..... |
| T. San Andres..... | T. Granite..... | T. Dakota..... |
| T. Glorieta..... | T. | T. Morrison..... |
| T. Drinkard..... | T. | T. Penn..... |
| T. Tubbs..... | T. | T. |
| T. Abo..... | T. | T. |
| T. Penn..... | T. | T. |
| T. Miss..... | T. | T. |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|----------------------|-----------|------|------|----------------------|-----------|
| 1000 | 1001 | 1 | Shale | 1000 | 1001 | 1 | Shale |
| 1001 | 1002 | 1 | Shale | 1001 | 1002 | 1 | Shale |
| 1002 | 1003 | 1 | Shale | 1002 | 1003 | 1 | Shale |
| 1003 | 1004 | 1 | Shale | 1003 | 1004 | 1 | Shale |
| 1004 | 1005 | 1 | Shale | 1004 | 1005 | 1 | Shale |
| 1005 | 1006 | 1 | Shale | 1005 | 1006 | 1 | Shale |
| 1006 | 1007 | 1 | Shale | 1006 | 1007 | 1 | Shale |
| 1007 | 1008 | 1 | Shale | 1007 | 1008 | 1 | Shale |
| 1008 | 1009 | 1 | Shale | 1008 | 1009 | 1 | Shale |
| 1009 | 1010 | 1 | Shale | 1009 | 1010 | 1 | Shale |
| 1010 | 1011 | 1 | Shale | 1010 | 1011 | 1 | Shale |
| 1011 | 1012 | 1 | Shale | 1011 | 1012 | 1 | Shale |
| 1012 | 1013 | 1 | Shale | 1012 | 1013 | 1 | Shale |
| 1013 | 1014 | 1 | Shale | 1013 | 1014 | 1 | Shale |
| 1014 | 1015 | 1 | Shale | 1014 | 1015 | 1 | Shale |
| 1015 | 1016 | 1 | Shale | 1015 | 1016 | 1 | Shale |
| 1016 | 1017 | 1 | Shale | 1016 | 1017 | 1 | Shale |
| 1017 | 1018 | 1 | Shale | 1017 | 1018 | 1 | Shale |
| 1018 | 1019 | 1 | Shale | 1018 | 1019 | 1 | Shale |
| 1019 | 1020 | 1 | Shale | 1019 | 1020 | 1 | Shale |
| 1020 | 1021 | 1 | Shale | 1020 | 1021 | 1 | Shale |
| 1021 | 1022 | 1 | Shale | 1021 | 1022 | 1 | Shale |
| 1022 | 1023 | 1 | Shale | 1022 | 1023 | 1 | Shale |
| 1023 | 1024 | 1 | Shale | 1023 | 1024 | 1 | Shale |
| 1024 | 1025 | 1 | Shale | 1024 | 1025 | 1 | Shale |
| 1025 | 1026 | 1 | Shale | 1025 | 1026 | 1 | Shale |
| 1026 | 1027 | 1 | Shale | 1026 | 1027 | 1 | Shale |
| 1027 | 1028 | 1 | Shale | 1027 | 1028 | 1 | Shale |
| 1028 | 1029 | 1 | Shale | 1028 | 1029 | 1 | Shale |
| 1029 | 1030 | 1 | Shale | 1029 | 1030 | 1 | Shale |
| 1030 | 1031 | 1 | Shale | 1030 | 1031 | 1 | Shale |
| 1031 | 1032 | 1 | Shale | 1031 | 1032 | 1 | Shale |
| 1032 | 1033 | 1 | Shale | 1032 | 1033 | 1 | Shale |
| 1033 | 1034 | 1 | Shale | 1033 | 1034 | 1 | Shale |
| 1034 | 1035 | 1 | Shale | 1034 | 1035 | 1 | Shale |
| 1035 | 1036 | 1 | Shale | 1035 | 1036 | 1 | Shale |
| 1036 | 1037 | 1 | Shale | 1036 | 1037 | 1 | Shale |
| 1037 | 1038 | 1 | Shale | 1037 | 1038 | 1 | Shale |
| 1038 | 1039 | 1 | Shale | 1038 | 1039 | 1 | Shale |
| 1039 | 1040 | 1 | Shale | 1039 | 1040 | 1 | Shale |
| 1040 | 1041 | 1 | Shale | 1040 | 1041 | 1 | Shale |
| 1041 | 1042 | 1 | Shale | 1041 | 1042 | 1 | Shale |
| 1042 | 1043 | 1 | Shale | 1042 | 1043 | 1 | Shale |
| 1043 | 1044 | 1 | Shale | 1043 | 1044 | 1 | Shale |
| 1044 | 1045 | 1 | Shale | 1044 | 1045 | 1 | Shale |
| 1045 | 1046 | 1 | Shale | 1045 | 1046 | 1 | Shale |
| 1046 | 1047 | 1 | Shale | 1046 | 1047 | 1 | Shale |
| 1047 | 1048 | 1 | Shale | 1047 | 1048 | 1 | Shale |
| 1048 | 1049 | 1 | Shale | 1048 | 1049 | 1 | Shale |
| 1049 | 1050 | 1 | Shale | 1049 | 1050 | 1 | Shale |
| 1050 | 1051 | 1 | Shale | 1050 | 1051 | 1 | Shale |
| 1051 | 1052 | 1 | Shale | 1051 | 1052 | 1 | Shale |
| 1052 | 1053 | 1 | Shale | 1052 | 1053 | 1 | Shale |
| 1053 | 1054 | 1 | Shale | 1053 | 1054 | 1 | Shale |
| 1054 | 1055 | 1 | Shale | 1054 | 1055 | 1 | Shale |
| 1055 | 1056 | 1 | Shale | 1055 | 1056 | 1 | Shale |
| 1056 | 1057 | 1 | Shale | 1056 | 1057 | 1 | Shale |
| 1057 | 1058 | 1 | Shale | 1057 | 1058 | 1 | Shale |
| 1058 | 1059 | 1 | Shale | 1058 | 1059 | 1 | Shale |
| 1059 | 1060 | 1 | Shale | 1059 | 1060 | 1 | Shale |
| 1060 | 1061 | 1 | Shale | 1060 | 1061 | 1 | Shale |
| 1061 | 1062 | 1 | Shale | 1061 | 1062 | 1 | Shale |
| 1062 | 1063 | 1 | Shale | 1062 | 1063 | 1 | Shale |
| 1063 | 1064 | 1 | Shale | 1063 | 1064 | 1 | Shale |
| 1064 | 1065 | 1 | Shale | 1064 | 1065 | 1 | Shale |
| 1065 | 1066 | 1 | Shale | 1065 | 1066 | 1 | Shale |
| 1066 | 1067 | 1 | Shale | 1066 | 1067 | 1 | Shale |
| 1067 | 1068 | 1 | Shale | 1067 | 1068 | 1 | Shale |
| 1068 | 1069 | 1 | Shale | 1068 | 1069 | 1 | Shale |
| 1069 | 1070 | 1 | Shale | 1069 | 1070 | 1 | Shale |
| 1070 | 1071 | 1 | Shale | 1070 | 1071 | 1 | Shale |
| 1071 | 1072 | 1 | Shale | 1071 | 1072 | 1 | Shale |
| 1072 | 1073 | 1 | Shale | 1072 | 1073 | 1 | Shale |
| 1073 | 1074 | 1 | Shale | 1073 | 1074 | 1 | Shale |
| 1074 | 1075 | 1 | Shale | 1074 | 1075 | 1 | Shale |
| 1075 | 1076 | 1 | Shale | 1075 | 1076 | 1 | Shale |
| 1076 | 1077 | 1 | Shale | 1076 | 1077 | 1 | Shale |
| 1077 | 1078 | 1 | Shale | 1077 | 1078 | 1 | Shale |
| 1078 | 1079 | 1 | Shale | 1078 | 1079 | 1 | Shale |
| 1079 | 1080 | 1 | Shale | 1079 | 1080 | 1 | Shale |
| 1080 | 1081 | 1 | Shale | 1080 | 1081 | 1 | Shale |
| 1081 | 1082 | 1 | Shale | 1081 | 1082 | 1 | Shale |
| 1082 | 1083 | 1 | Shale | 1082 | 1083 | 1 | Shale |
| 1083 | 1084 | 1 | Shale | 1083 | 1084 | 1 | Shale |
| 1084 | 1085 | 1 | Shale | 1084 | 1085 | 1 | Shale |
| 1085 | 1086 | 1 | Shale | 1085 | 1086 | 1 | Shale |
| 1086 | 1087 | 1 | Shale | 1086 | 1087 | 1 | Shale |
| 1087 | 1088 | 1 | Shale | 1087 | 1088 | 1 | Shale |
| 1088 | 1089 | 1 | Shale | 1088 | 1089 | 1 | Shale |
| 1089 | 1090 | 1 | Shale | 1089 | 1090 | 1 | Shale |
| 1090 | 1091 | 1 | Shale | 1090 | 1091 | 1 | Shale |
| 1091 | 1092 | 1 | Shale | 1091 | 1092 | 1 | Shale |
| 1092 | 1093 | 1 | Shale | 1092 | 1093 | 1 | Shale |
| 1093 | 1094 | 1 | Shale | 1093 | 1094 | 1 | Shale |
| 1094 | 1095 | 1 | Shale | 1094 | 1095 | 1 | Shale |
| 1095 | 1096 | 1 | Shale | 1095 | 1096 | 1 | Shale |
| 1096 | 1097 | 1 | Shale | 1096 | 1097 | 1 | Shale |
| 1097 | 1098 | 1 | Shale | 1097 | 1098 | 1 | Shale |
| 1098 | 1099 | 1 | Shale | 1098 | 1099 | 1 | Shale |
| 1099 | 1100 | 1 | Shale | 1099 | 1100 | 1 | Shale |
| 1100 | 1101 | 1 | Shale | 1100 | 1101 | 1 | Shale |
| 1101 | 1102 | 1 | Shale | 1101 | 1102 | 1 | Shale |
| 1102 | 1103 | 1 | Shale | 1102 | 1103 | 1 | Shale |
| 1103 | 1104 | 1 | Shale | 1103 | 1104 | 1 | Shale |
| 1104 | 1105 | 1 | Shale | 1104 | 1105 | 1 | Shale |
| 1105 | 1106 | 1 | Shale | 1105 | 1106 | 1 | Shale |
| 1106 | 1107 | 1 | Shale | 1106 | 1107 | 1 | Shale |
| 1107 | 1108 | 1 | Shale | 1107 | 1108 | 1 | Shale |
| 1108 | 1109 | 1 | Shale | 1108 | 1109 | 1 | Shale |
| 1109 | 1110 | 1 | Shale | 1109 | 1110 | 1 | Shale |
| 1110 | 1111 | 1 | Shale | 1110 | 1111 | 1 | Shale |
| 1111 | 1112 | 1 | Shale | 1111 | 1112 | 1 | Shale |
| 1112 | 1113 | 1 | Shale | 1112 | 1113 | 1 | Shale |
| 1113 | 1114 | 1 | Shale | 1113 | 1114 | 1 | Shale |
| 1114 | 1115 | 1 | Shale | 1114 | 1115 | 1 | Shale |
| 1115 | 1116 | 1 | Shale | 1115 | 1116 | 1 | Shale |
| 1116 | 1117 | 1 | Shale | 1116 | 1117 | 1 | Shale |
| 1117 | 1118 | 1 | Shale | 1117 | 1118 | 1 | Shale |
| 1118 | 1119 | 1 | Shale | 1118 | 1119 | 1 | Shale |
| 1119 | 1120 | 1 | Shale | 1119 | 1120 | 1 | Shale |
| 1120 | 1121 | 1 | Shale | 1120 | 1121 | 1 | Shale |
| 1121 | 1122 | 1 | Shale | 1121 | 1122 | 1 | Shale |
| 1122 | 1123 | 1 | Shale | 1122 | 1123 | 1 | Shale |
| 1123 | 1124 | 1 | Shale | 1123 | 1124 | 1 | Shale |
| 1124 | 1125 | 1 | Shale | 1124 | 1125 | 1 | Shale |
| 1125 | 1126 | 1 | Shale | 1125 | 1126 | 1 | Shale |
| 1126 | 1127 | 1 | Shale | 1126 | 1127 | 1 | Shale |
| 1127 | 1128 | 1 | Shale | 1127 | 1128 | 1 | Shale |
| 1128 | 1129 | 1 | Shale | 1128 | 1129 | 1 | Shale |
| 1129 | 1130 | 1 | Shale | 1129 | 1130 | 1 | Shale |
| 1130 | 1131 | 1 | Shale | 1130 | 1131 | 1 | Shale |
| 1131 | 1132 | 1 | Shale | 1131 | 1132 | 1 | Shale |
| 1132 | 1133 | 1 | Shale | 1132 | 1133 | 1 | Shale |
| 1133 | 1134 | 1 | Shale | 1133 | 1134 | 1 | Shale |
| 1134 | 1135 | 1 | Shale | 1134 | 1135 | 1 | Shale |
| 1135 | 1136 | 1 | Shale | 1135 | 1136 | 1 | Shale |
| 1136 | 1137 | 1 | Shale | 1136 | 1137 | 1 | Shale |
| 1137 | 1138 | 1 | Shale | 1137 | 1138 | 1 | Shale |
| 1138 | 1139 | 1 | Shale | 1138 | 1139 | 1 | Shale |
| 1139 | 1140 | 1 | Shale | 1139 | 1140 | 1 | Shale |
| 1140 | 1141 | 1 | Shale | 1140 | 1141 | 1 | Shale |
| 1141 | 1142 | 1 | Shale | 1141 | 1142 | 1 | Shale |
| 1142 | 1143 | 1 | Shale | 1142 | 1143 | 1 | Shale |
| 1143 | 1144 | 1 | Shale | 1143 | 1144 | 1 | Shale |
| 1144 | 1145 | 1 | Shale | 1144 | 1145 | 1 | Shale |
| 1145 | 1146 | 1 | Shale | 1145 | 1146 | 1 | Shale |
| 1146 | 1147 | 1 | Shale | 1146 | 1147 | 1 | Shale |
| 1147 | 1148 | 1 | Shale | 1147 | 1148 | 1 | Shale |
| 1148 | 1149 | 1 | Shale | 1148 | 1149 | 1 | Shale |
| 1149 | 1150 | 1 | Shale | 1149 | 1150 | 1 | Shale |
| 1150 | 1151 | 1 | Shale | 1150 | 1151 | 1 | Shale |
| 1151 | 1152 | 1 | Shale | 1151 | 1152 | 1 | Shale |
| 1152 | 1153 | 1 | Shale | 1152 | 1153 | 1 | Shale |
| 1153 | 1154 | 1 | Shale | 1153 | 1154 | 1 | Shale |
| 1154 | 1155 | 1 | Shale | 1154 | 1155 | 1 | Shale |
| 1155 | 1156 | 1 | Shale | 1155 | 1156 | 1 | Shale |
| 1156 | 1157 | 1 | Shale | 1156 | 1157 | 1 | Shale |
| 1157 | 1158 | 1 | Shale | 1157 | 1158 | 1 | Shale |
| 1158 | 1159 | 1 | Shale | 1158 | 1159 | 1 | Shale |
| 1159 | 1160 | 1 | Shale | 1159 | 1160 | 1 | Shale |
| 1160 | 1161 | 1 | Shale | 1160 | 1161 | 1 | Shale |
| 1161 | 1162 | 1 | Shale | 1161 | 1162 | 1 | Shale |
| 1162 | 1163 | 1 | Shale | 1162 | 1163 | 1 | Shale |
| 1163 | 1164 | 1 | Shale | 1163 | 1164 | 1 | Shale |
| 1164 | 1165 | 1 | Shale | 1164 | 1165 | 1 | Shale |
| 1165 | 1166 | 1 | Shale | 1165 | 1166 | 1 | Shale |
| 1166 | 1167 | 1 | Shale | 1166 | 1167 | 1 | Shale |
| 1167 | 1168 | 1 | Shale | 1167 | 1168 | 1 | Shale |
| 1168 | 1169 | 1 | Shale | 1168 | 1169 | 1 | Shale |
| 1169 | 1170 | 1 | Shale | 1169 | 1170 | 1 | Shale |
| 1170 | 1171 | 1 | Shale | 1170 | 1171 | 1 | Shale |
| 1171 | 1172 | 1 | Shale | 1171 | 1172 | 1 | Shale |
| 1172 | 1173 | 1 | Shale | 1172 | 1173 | 1 | Shale |
| 1173 | 1174 | 1 | Shale | 1173 | 1174 | 1 | Shale |
| 1174 | 1175 | 1 | Shale | 1174 | 1175 | 1 | Shale |
| 1175 | 1176 | 1 | Shale | 1175 | 1176 | 1 | Shale |
| 1176 | 1177 | 1 | Shale | 1176 | 1177 | 1 | Shale |
| 1177 | 1178 | 1 | Shale | 1177 | 1178 | 1 | Shale |
| 1178 | 1179 | 1 | Shale | 1178 | 1179 | 1 | Shale |
| 1179 | 1180 | 1 | Shale | 1179 | 1180 | 1 | Shale |
| 1180 | 1181 | 1 | Shale | 1180 | 1181 | 1 | Shale |
| 1181 | 1182 | 1 | Shale | 1181 | 1182 | 1 | Shale |
| 1182 | 1183 | 1 | Shale | 1182 | 1183 | 1 | Shale |
| 1183 | 1184 | 1 | Shale | 1183 | 1184 | 1 | Shale |
| 1184 | 1185 | 1 | Shale | 1184 | 1185 | 1 | Shale |
| 1185 | 1186 | 1 | Shale | 1185 | 1186 | 1 | Shale |
| 1186 | 1187 | 1 | Shale | 1186 | 1187 | | |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator.....

Address.....

Name A. P. Lawrence

Position or Title.....