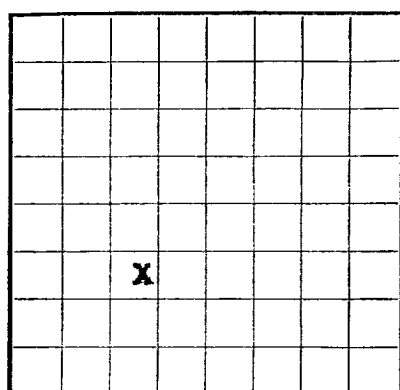
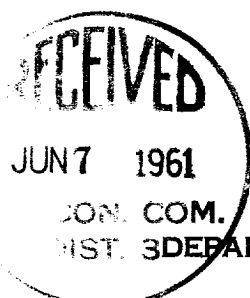
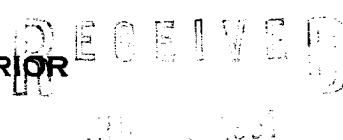


U. S. LAND OFFICE **SF**
SERIAL NUMBER **079679**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Products Co.** Address **Box 1560, Farmington, New Mexico**
Lessor or Tract **Delhi-Taylor** Field **Basin Dakota** State **New Mexico**
Well No. **6** Sec. **17** T. **26N** R. **11W** Meridian **NMPM** County **San Juan**
Location **1650** ft. **N** of **S** Line and **1650** ft. **E** of **W** Line of **Section 17** Elevation **6162'**
(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 **VAN E. DYKES**

Date **June 5, 1961** Title **Petroleum Engineer**

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

Commenced drilling **April 11**, 19 **61** Finished drilling **April 25**, 19 **61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5990'** to **6015'** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

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"	36.000	8.84	J-55	157'	Fixed Bottom	Surface			Surface
5-1/2"	19.500	8.84	J-55	6190'	Fixed Bottom	5990'			6015' Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	170'	150	Pump-Plug		
5-1/2"	6190'	250	Pump-Plug		

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 _____ feet to **6190** feet, and from _____ feet to _____ feet

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

DATES

May 17, 19 **61** Put to producing **Shut-in for Pipeline Connection**, 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 **7,318,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____ **3 Hours Open Flow Through 3/4" Choke.**

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
325	478	153	Ojo Alamo: White, coarse grained sand.
478	753	275	Kirtland: Gy. sh. inbd. with tight gy. FG ss.
753	1380	627	Fruitland: Gy. carb. sh., scat. coals, coals & gy. tight FG ss.
1380	1506	126	Pictured Cliffs: Gy., FG, tight varicolored soft ss.
1506	2278	772	Lewis: Gy. to white ds. sh. w/silty to shaly ss. breaks.
2278	4122	1844	Mesa Verde: Gy., FG, ds. silty ss., carb. shale and coal.
4122	4955	833	Mancos: Gy. carb. shale.
4955	5250	295	Gallup: Lt. gy. to brn. calc. carb. micac. glauco. v/fa. to med. gy. ss. w/irreg. inbd. shale.
5250	5838	588	Lower Mancos: Gy. carb. shale.
5838	5893	55	Greenhorn: Highly calc. gy. sh. w/thin ls.
5893	5990	97	Graneros: Dk. gy. sh., fossil & carb. w/pyrite incl.
5990	6190	200	Dakota: Lt. to dk. gy. foss. carb. sl/calc. sl/silty ss. w/pyrite inclusion, thin sh. bands clay and shale breaks.
			TOPS ARE FROM ELECTRIC LOGS AND RADIOAC TIVITY LOGS.

(OVER)

FORMATION RECORD—Continued

FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION
			1. 0-1000
			2. 1000-2000
			3. 2000-3000
			4. 3000-4000
			5. 4000-5000
			6. 5000-6000
			7. 6000-7000
			8. 7000-8000
			9. 8000-9000
			10. 9000-10000
			11. 10000-11000
			12. 11000-12000
			13. 12000-13000
			14. 13000-14000
			15. 14000-15000
			16. 15000-16000
			17. 16000-17000
			18. 17000-18000
			19. 18000-19000
			20. 19000-20000
			21. 20000-21000
			22. 21000-22000
			23. 22000-23000
			24. 23000-24000
			25. 24000-25000
			26. 25000-26000
			27. 26000-27000
			28. 27000-28000
			29. 28000-29000
			30. 29000-30000
			31. 30000-31000
			32. 31000-32000
			33. 32000-33000
			34. 33000-34000
			35. 34000-35000
			36. 35000-36000
			37. 36000-37000
			38. 37000-38000
			39. 38000-39000
			40. 39000-40000
			41. 40000-41000
			42. 41000-42000
			43. 42000-43000
			44. 43000-44000
			45. 44000-45000
			46. 45000-46000
			47. 46000-47000
			48. 47000-48000
			49. 48000-49000
			50. 49000-50000
			51. 50000-51000
			52. 51000-52000
			53. 52000-53000
			54. 53000-54000
			55. 54000-55000
			56. 55000-56000
			57. 56000-57000
			58. 57000-58000
			59. 58000-59000
			60. 59000-60000
			61. 60000-61000
			62. 61000-62000
			63. 62000-63000
			64. 63000-64000
			65. 64000-65000
			66. 65000-66000
			67. 66000-67000
			68. 67000-68000
			69. 68000-69000
			70. 69000-70000
			71. 70000-71000
			72. 71000-72000
			73. 72000-73000
			74. 73000-74000
			75. 74000-75000
			76. 75000-76000
			77. 76000-77000
			78. 77000-78000
			79. 78000-79000
			80. 79000-80000
			81. 80000-81000
			82. 81000-82000
			83. 82000-83000
			84. 83000-84000
			85. 84000-85000
			86. 85000-86000
			87. 86000-87000
			88. 87000-88000
			89. 88000-89000
			90. 89000-90000
			91. 90000-91000
			92. 91000-92000
			93. 92000-93000
			94. 93000-94000
			95. 94000-95000
			96. 95000-96000
			97. 96000-97000
			98. 97000-98000
			99. 98000-99000
			100. 99000-100000

FORMATION RECORD

1. 0-1000

2. 1000-2000

3. 2000-3000

4. 3000-4000

5. 4000-5000

6. 5000-6000

7. 6000-7000

8. 7000-8000

9. 8000-9000

10. 9000-10000

11. 10000-11000

12. 11000-12000

13. 12000-13000

14. 13000-14000

15. 14000-15000

16. 15000-16000

17. 16000-17000

18. 17000-18000

19. 18000-19000

20. 19000-20000

21. 20000-21000

22. 21000-22000

23. 22000-23000

24. 23000-24000

25. 24000-25000

26. 25000-26000

27. 26000-27000

28. 27000-28000

29. 28000-29000

30. 29000-30000

31. 30000-31000

32. 31000-32000

33. 32000-33000

34. 33000-34000

35. 34000-35000

36. 35000-36000

37. 36000-37000

38. 37000-38000

39. 38000-39000

40. 39000-40000

41. 40000-41000

42. 41000-42000

43. 42000-43000

44. 43000-44000

45. 44000-45000

46. 45000-46000

47. 46000-47000

48. 47000-48000

49. 48000-49000

50. 49000-50000

51. 50000-51000

52. 51000-52000

53. 52000-53000

54. 53000-54000

55. 54000-55000

56. 55000-56000

57. 56000-57000

58. 57000-58000

59. 58000-59000

60. 59000-60000

61. 60000-61000

62. 61000-62000

63. 62000-63000

64. 63000-64000

65. 64000-65000

66. 65000-66000

67. 66000-67000

68. 67000-68000

69. 68000-69000

70. 69000-70000

71. 70000-71000

72. 71000-72000

73. 72000-73000

74. 73000-74000

75. 74000-75000

76. 75000-76000

77. 76000-77000

78. 77000-78000

79. 78000-79000

80. 79000-80000

81. 80000-81000

82. 81000-82000

83. 82000-83000

84. 83000-84000

85. 84000-85000

86. 85000-86000

87. 86000-87000

88. 87000-88000

89. 88000-89000

90. 89000-90000

91. 90000-91000

92. 91000-92000

93. 92000-93000

94. 93000-94000

95. 94000-95000

96. 95000-96000

97. 96000-97000

98. 97000-98000

99. 98000-99000

100. 99000-100000

101. 100000-101000

102. 101000-102000

103. 102000-103000

104. 103000-104000

105. 104000-105000

106. 105000-106000

107. 106000-107000

108. 107000-108000

109. 108000-109000

110. 109000-110000

111. 110000-111000

112. 111000-112000

113. 112000-113000

114. 113000-114000

115. 114000-115000

116. 115000-116000

117. 116000-117000

118. 117000-118000

119. 118000-119000

120. 119000-120000

121. 120000-121000

122. 121000-122000

123. 122000-123000

124. 123000-124000

125. 124000-125000

126. 125000-126000

127. 126000-127000

128. 127000-128000

129. 128000-129000

130. 129000-130000

131. 130000-131000

132. 131000-132000

133. 132000-133000

134. 133000-134000

135. 134000-135000

136. 135000-136000

137. 136000-137000

138. 137000-138000

139. 138000-139000

140. 139000-140000

141. 140000-141000

142. 141000-142000

143. 142000-143000

144. 143000-144000

145. 144000-145000

146. 145000-146000

147. 146000-147000

148. 147000-148000

149. 148000-149000

150. 149000-150000

151. 150000-151000

152. 151000-152000

153. 152000-153000

154. 153000-154000

155. 154000-155000

156. 155000-156000

157. 156000-157000

158. 157000-158000

159. 158000-159000

160. 159000-160000

161. 160000-161000

162. 161000-162000

163. 162000-163000

164. 163000-164000

165. 164000-165000

166. 165000-166000

167. 166000-167000

168. 167000-168000

169. 168000-169000

170. 169000-170000

171. 170000-1