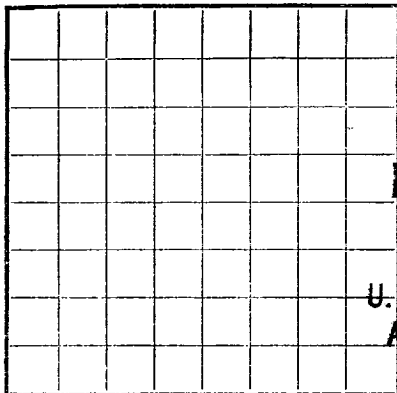


U. S. GEOLOGICAL SURVEY
SERIAL NUMBER
LEASE OR PERMIT NO. 1001

RECEIVED
OCT 3 1961
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO
LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY
Company **Wayne J. Spears** Address **743 Petroleum Bldg. Roswell, NM**
Less **Self** Field **Red Mills Yates** State **New Mexico**
Well No. **4** Sec. **20** T. **19S** R. **10E** Meridian **MPN** County **Eddy**
Location **16.50** ft. {N.} of **S.** Line and **16.50** ft. {E.} of **W.** Line of **14** Line of **14** Elevation **1400** (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 **Samuel B. Spears** Title **Agent**
Date **October 2, 1961**

The summary on this page is for the condition of the well at above date.
Commenced drilling **12/3**, 19**50** Finished drilling **1/19**, 19**61**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **1800** to **1845** 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 **2060** to **2075** 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—	
5/8	244	8	Steel	100	Reamer	1800	1800	1812	Reamer
1/2	174	8	Steel	100	Reamer	1812	1812	1812	Reamer

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8	398	150 sax	disc		25 sax jel
1/2	1840	125 sax			

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 _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **2850** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **1/29**, 19**61**

The production for the first 24 hours was **12** barrels of fluid of which **10** % was oil; _____ % emulsion; **10** % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	420	420	Red beds
420	1290		Salt
1290	1750		Anhyd, red sd., dolo.
1750	1810		Gry. sd. & dolo.
1810	1835		Dolo.
1835	1850		Gry. sd.
1850	1950		Dolo.
1950	1965		Gry. sd.
1965	2242		Dolo.

1. *Chlorophyll a* (Chl *a*)
 2. *Chlorophyll b* (Chl *b*)
 3. *Chlorophyll c* (Chl *c*)
 4. *Chlorophyll d* (Chl *d*)
 5. *Chlorophyll e* (Chl *e*)
 6. *Chlorophyll f* (Chl *f*)
 7. *Chlorophyll g* (Chl *g*)
 8. *Chlorophyll h* (Chl *h*)
 9. *Chlorophyll i* (Chl *i*)
 10. *Chlorophyll j* (Chl *j*)
 11. *Chlorophyll k* (Chl *k*)
 12. *Chlorophyll l* (Chl *l*)
 13. *Chlorophyll m* (Chl *m*)
 14. *Chlorophyll n* (Chl *n*)
 15. *Chlorophyll o* (Chl *o*)
 16. *Chlorophyll p* (Chl *p*)
 17. *Chlorophyll q* (Chl *q*)
 18. *Chlorophyll r* (Chl *r*)
 19. *Chlorophyll s* (Chl *s*)
 20. *Chlorophyll t* (Chl *t*)
 21. *Chlorophyll u* (Chl *u*)
 22. *Chlorophyll v* (Chl *v*)
 23. *Chlorophyll w* (Chl *w*)
 24. *Chlorophyll x* (Chl *x*)
 25. *Chlorophyll y* (Chl *y*)
 26. *Chlorophyll z* (Chl *z*)
 27. *Chlorophyll aa* (Chl *aa*)
 28. *Chlorophyll ab* (Chl *ab*)
 29. *Chlorophyll ac* (Chl *ac*)
 30. *Chlorophyll ad* (Chl *ad*)
 31. *Chlorophyll ae* (Chl *ae*)
 32. *Chlorophyll af* (Chl *af*)
 33. *Chlorophyll ag* (Chl *ag*)
 34. *Chlorophyll ah* (Chl *ah*)
 35. *Chlorophyll ai* (Chl *ai*)
 36. *Chlorophyll aj* (Chl *aj*)
 37. *Chlorophyll ak* (Chl *ak*)
 38. *Chlorophyll al* (Chl *al*)
 39. *Chlorophyll am* (Chl *am*)
 40. *Chlorophyll an* (Chl *an*)
 41. *Chlorophyll ao* (Chl *ao*)
 42. *Chlorophyll ap* (Chl *ap*)
 43. *Chlorophyll aq* (Chl *aq*)
 44. *Chlorophyll ar* (Chl *ar*)
 45. *Chlorophyll as* (Chl *as*)
 46. *Chlorophyll at* (Chl *at*)
 47. *Chlorophyll au* (Chl *au*)
 48. *Chlorophyll av* (Chl *av*)
 49. *Chlorophyll aw* (Chl *aw*)
 50. *Chlorophyll ax* (Chl *ax*)
 51. *Chlorophyll ay* (Chl *ay*)
 52. *Chlorophyll az* (Chl *az*)
 53. *Chlorophyll aza* (Chl *aza*)
 54. *Chlorophyll abz* (Chl *abz*)
 55. *Chlorophyll acz* (Chl *acz*)
 56. *Chlorophyll adz* (Chl *adz*)
 57. *Chlorophyll aez* (Chl *aez*)
 58. *Chlorophyll afz* (Chl *afz*)
 59. *Chlorophyll agz* (Chl *agz*)
 60. *Chlorophyll ahz* (Chl *ahz*)
 61. *Chlorophyll aiz* (Chl *aiz*)
 62. *Chlorophyll ajz* (Chl *ajz*)
 63. *Chlorophyll akz* (Chl *akz*)
 64. *Chlorophyll alz* (Chl *alz*)
 65. *Chlorophyll amz* (Chl *amz*)
 66. *Chlorophyll anz* (Chl *anz*)
 67. *Chlorophyll aoz* (Chl *aoz*)
 68. *Chlorophyll apz* (Chl *apz*)
 69. *Chlorophyll aqz* (Chl *aqz*)
 70. *Chlorophyll arz* (Chl *arz*)
 71. *Chlorophyll asz* (Chl *asz*)
 72. *Chlorophyll atz* (Chl *atz*)
 73. *Chlorophyll auz* (Chl *auz*)
 74. *Chlorophyll avz* (Chl *avz*)
 75. *Chlorophyll awz* (Chl *awz*)
 76. *Chlorophyll axz* (Chl *axz*)
 77. *Chlorophyll ayz* (Chl *ayz*)
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 79. *Chlorophyll azz* (Chl *azz*)
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 81. *Chlorophyll abz* (Chl *abz*)
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 87. *Chlorophyll ahz* (Chl *ahz*)
 88. *Chlorophyll aiz* (Chl *aiz*)
 89. *Chlorophyll ajz* (Chl *ajz*)
 90. *Chlorophyll akz* (Chl *akz*)
 91. *Chlorophyll alz* (Chl *alz*)
 92. *Chlorophyll amz* (Chl *amz*)
 93. *Chlorophyll anz* (Chl *anz*)
 94. *Chlorophyll aoz* (Chl *aoz*)
 95. *Chlorophyll apz* (Chl *apz*)
 96. *Chlorophyll aqz* (Chl *aqz*)
 97. *Chlorophyll arz* (Chl *arz*)
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 103. *Chlorophyll axz* (Chl *axz*)
 104. *Chlorophyll ayz* (Chl *ayz*)
 105. *Chlorophyll ayz* (Chl *ayz*)
 106. *Chlorophyll azz* (Chl *azz*)
 107. *Chlorophyll azaa* (Chl *aza*)
 108. *Chlorophyll abz* (Chl *abz*)
 109. *Chlorophyll acz* (Chl *acz*)
 110. *Chlorophyll adz* (Chl *adz*)
 111. *Chlorophyll aez* (Chl *aez*)
 112. *Chlorophyll afz* (Chl *afz*)
 113. *Chlorophyll agz* (Chl *agz*)
 114. *Chlorophyll ahz* (Chl *ahz*)
 115. *Chlorophyll aiz* (Chl *aiz*)
 116. *Chlorophyll ajz* (Chl *ajz*)
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 118. *Chlorophyll alz* (Chl *alz*)
 119. *Chlorophyll amz* (Chl *amz*)
 120. *Chlorophyll anz* (Chl *anz*)
 121. *Chlorophyll aoz* (Chl *aoz*)
 122. *Chlorophyll apz* (Chl *apz*)
 123. *Chlorophyll aqz* (Chl *aqz*)
 124. *Chlorophyll arz* (Chl *arz*)
 125. *Chlorophyll asz* (Chl *asz*)
 126. *Chlorophyll atz* (Chl *atz*)
 127. *Chlorophyll auz* (Chl *auz*)
 128. *Chlorophyll avz* (Chl *avz*)
 129. *Chlorophyll awz* (Chl *awz*)
 130. *Chlorophyll axz* (Chl *axz*)
 131. *Chlorophyll ayz* (Chl *ayz*)
 132. *Chlorophyll ayz* (Chl *ayz*)
 133.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-01-2001 BY 60322 UCBAW

7
STATICE INFO
ASMECA INT NO 11011-1031

YVVOUE DR01G0LCEP 1001 2 120

[illegible]

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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
			1. 0-10' Sandstone 2. 10-20' Sandstone 3. 20-30' Sandstone 4. 30-40' Sandstone 5. 40-50' Sandstone 6. 50-60' Sandstone 7. 60-70' Sandstone 8. 70-80' Sandstone 9. 80-90' Sandstone 10. 90-100' Sandstone
			11. 100-110' Sandstone 12. 110-120' Sandstone 13. 120-130' Sandstone 14. 130-140' Sandstone 15. 140-150' Sandstone 16. 150-160' Sandstone 17. 160-170' Sandstone 18. 170-180' Sandstone 19. 180-190' Sandstone 20. 190-200' Sandstone
			21. 200-210' Sandstone 22. 210-220' Sandstone 23. 220-230' Sandstone 24. 230-240' Sandstone 25. 240-250' Sandstone 26. 250-260' Sandstone 27. 260-270' Sandstone 28. 270-280' Sandstone 29. 280-290' Sandstone 30. 290-300' Sandstone
			31. 300-310' Sandstone 32. 310-320' Sandstone 33. 320-330' Sandstone 34. 330-340' Sandstone 35. 340-350' Sandstone 36. 350-360' Sandstone 37. 360-370' Sandstone 38. 370-380' Sandstone 39. 380-390' Sandstone 40. 390-400' Sandstone
			41. 400-410' Sandstone 42. 410-420' Sandstone 43. 420-430' Sandstone 44. 430-440' Sandstone 45. 440-450' Sandstone 46. 450-460' Sandstone 47. 460-470' Sandstone 48. 470-480' Sandstone 49. 480-490' Sandstone 50. 490-500' Sandstone
			51. 500-510' Sandstone 52. 510-520' Sandstone 53. 520-530' Sandstone 54. 530-540' Sandstone 55. 540-550' Sandstone 56. 550-560' Sandstone 57. 560-570' Sandstone 58. 570-580' Sandstone 59. 580-590' Sandstone 60. 590-600' Sandstone
			61. 600-610' Sandstone 62. 610-620' Sandstone 63. 620-630' Sandstone 64. 630-640' Sandstone 65. 640-650' Sandstone 66. 650-660' Sandstone 67. 660-670' Sandstone 68. 670-680' Sandstone 69. 680-690' Sandstone 70. 690-700' Sandstone
			71. 700-710' Sandstone 72. 710-720' Sandstone 73. 720-730' Sandstone 74. 730-740' Sandstone 75. 740-750' Sandstone 76. 750-760' Sandstone 77. 760-770' Sandstone 78. 770-780' Sandstone 79. 780-790' Sandstone 80. 790-800' Sandstone
			81. 800-810' Sandstone 82. 810-820' Sandstone 83. 820-830' Sandstone 84. 830-840' Sandstone 85. 840-850' Sandstone 86. 850-860' Sandstone 87. 860-870' Sandstone 88. 870-880' Sandstone 89. 880-890' Sandstone 90. 890-900' Sandstone
			91. 900-910' Sandstone 92. 910-920' Sandstone 93. 920-930' Sandstone 94. 930-940' Sandstone 95. 940-950' Sandstone 96. 950-960' Sandstone 97. 960-970' Sandstone 98. 970-980' Sandstone 99. 980-990' Sandstone 100. 990-1000' Sandstone
			101. 1000-1010' Sandstone 102. 1010-1020' Sandstone 103. 1020-1030' Sandstone 104. 1030-1040' Sandstone 105. 1040-1050' Sandstone 106. 1050-1060' Sandstone 107. 1060-1070' Sandstone 108. 1070-1080' Sandstone 109. 1080-1090' Sandstone 110. 1090-1100' Sandstone
			111. 1100-1110' Sandstone 112. 1110-1120' Sandstone 113. 1120-1130' Sandstone 114. 1130-1140' Sandstone 115. 1140-1150' Sandstone 116. 1150-1160' Sandstone 117. 1160-1170' Sandstone 118. 1170-1180' Sandstone 119. 1180-1190' Sandstone 120. 1190-1200' Sandstone
			121. 1200-1210' Sandstone 122. 1210-1220' Sandstone 123. 1220-1230' Sandstone 124. 1230-1240' Sandstone 125. 1240-1250' Sandstone 126. 1250-1260' Sandstone 127. 1260-1270' Sandstone 128. 1270-1280' Sandstone 129. 1280-1290' Sandstone 130. 1290-1300' Sandstone
			131. 1300-1310' Sandstone 132. 1310-1320' Sandstone 133. 1320-1330' Sandstone 134. 1330-1340' Sandstone 135. 1340-1350' Sandstone 136. 1350-1360' Sandstone 137. 1360-1370' Sandstone 138. 1370-1380' Sandstone 139. 1380-1390' Sandstone 140. 1390-1400' Sandstone
			141. 1400-1410' Sandstone 142. 1410-1420' Sandstone 143. 1420-1430' Sandstone 144. 1430-1440' Sandstone 145. 1440-1450' Sandstone 146. 1450-1460' Sandstone 147. 1460-1470' Sandstone 148. 1470-1480' Sandstone 149. 1480-1490' Sandstone 150. 1490-1500' Sandstone
			151. 1500-1510' Sandstone 152. 1510-1520' Sandstone 153. 1520-1530' Sandstone 154. 1530-1540' Sandstone 155. 1540-1550' Sandstone 156. 1550-1560' Sandstone 157. 1560-1570' Sandstone 158. 1570-1580' Sandstone 159. 1580-1590' Sandstone 160. 1590-1600' Sandstone
			161. 1600-1610' Sandstone 162. 1610-1620' Sandstone 163. 1620-1630' Sandstone 164. 1630-1640' Sandstone 165. 1640-1650' Sandstone 166. 1650-1660' Sandstone 167. 1660-1670' Sandstone 168. 1670-1680' Sandstone 169. 1680-1690' Sandstone