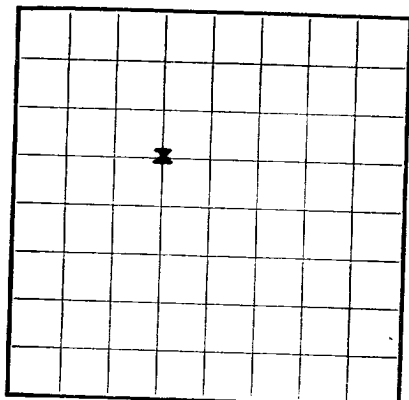




LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER **060967**
LEASE OR PERMIT TO PROSPECT

RECEIVED UNITED STATES
MAR 28 1961 DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO
RECEIVED
MAR 30 1961
O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Company Address P.O. Box 2105, Hobbs, New Mexico
Lessor or Tract Williams Field Corbin Abo State New Mexico
Well No. 4 Sec. 33 T. 17 R. 33 Meridian _____ County Lea
Location 2310 ft. N. of N. Line and 1977 ft. E. of W. Line of Section 33 Elevation 4090' **DF**
(Derriek 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 _____

Date March 27, 1961Title District Chief Clerk

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

Commenced drilling January 13, 1961 Finished drilling March 15, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 8570 to 8822' **TD** 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—	
<u>13-3/8</u>	<u>48</u>			<u>305'</u>	<u>Hallib.</u>				<u>Surface</u>
<u>8-5/8</u>	<u>21.32</u>			<u>4577'</u>	<u>Reactor</u>				<u>Intermediate</u>
<u>5-1/2</u>	<u>14.15, 5, 17</u>			<u>8308'</u>	<u>Reactor</u>	<u>8705</u>	<u>8754</u>		<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8</u>	<u>322'</u>	<u>350</u>	<u>Pump-plug</u>		
<u>8-5/8</u>	<u>4594'</u>	<u>900</u>	<u>"</u>		
<u>5-1/2</u>	<u>8821'</u>	<u>352</u>	<u>"</u>		

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

DATES

March 27, 1961, 19____ Put to producing March 22, 1961

The production for the first 24 hours was 274 barrels of fluid of which 99.7% was oil; _____% emulsion; _____% water; and .3% sediment.

Gravity, °Bé. 39.8

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

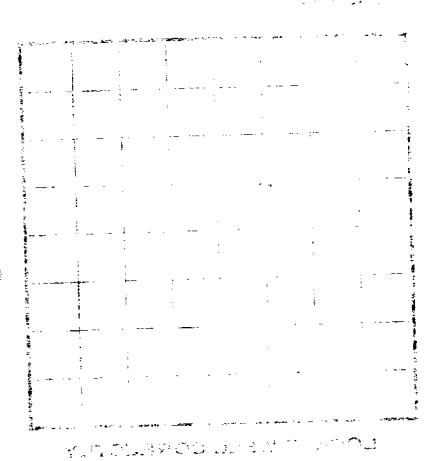
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1250	1250	Caliche, redbed
1250	3053	1803	Anhydrite, salt, gyp
3053	3270	217	Anhydrite, lime
3270	3800	530	Lime
3800	4026	226	Lime, anhydrite, shale
4026	5371	1345	Dolomite, lime
5371	5810	439	Dolomite, sand, shale
5810	6790	980	Dolomite, lime
6790	7247	457	Dolomite, shale, chert
7247	7715	468	Dolomite, lime
7715	8822 TD	1107	Dolomite, chert, shale, lime

LOG TOPS

Rustler	1380
Yates	2720
Queen	3745
Grayburg	4204
San Andres	4498
Glorietta	6310
Clearfork	6515
Abo Shale	8308
Abo Reef	8570

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

On page 1 of this log, the location of the well is given, together with the name of the owner, the name of the driller, the date of completion, and the depth of the well. The log is to be filled out by the driller, and it should contain a complete record of the work and all work done from the time the well was first drilled to the time it was completed. It should also contain a record of the production of the well, and of the results of any tests or experiments made on the well.

The log should be filled out in the following order: 1. Location of the well, 2. Name of the owner, 3. Name of the driller, 4. Date of completion, 5. Depth of the well, 6. Description of the well, 7. Description of the formation, 8. Description of the production, 9. Description of the results of tests or experiments, 10. Description of the work done from the time the well was first drilled to the time it was completed.

1. Location of the well: _____
2. Name of the owner: _____
3. Name of the driller: _____
4. Date of completion: _____
5. Depth of the well: _____
6. Description of the well: _____
7. Description of the formation: _____
8. Description of the production: _____
9. Description of the results of tests or experiments: _____
10. Description of the work done from the time the well was first drilled to the time it was completed: _____

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, 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.

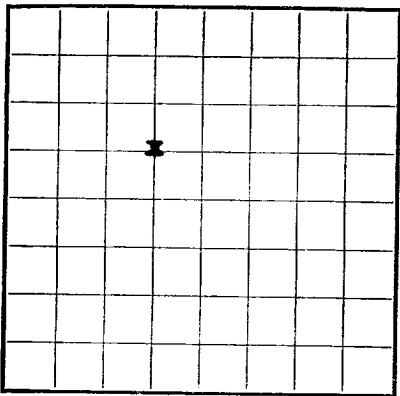
HISTORY OF OIL OR GAS WELL
10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD		TOTAL FEET		10-		FROM-	
FORMATION		TOTAL FEET		10-		FROM-	
1. Sand, yellow, fine, 100 ft.		100		100		100	
2. Sand, yellow, fine, 100 ft.		100		100		100	
3. Sand, yellow, fine, 100 ft.		100		100		100	
4. Sand, yellow, fine, 100 ft.		100		100		100	
5. Sand, yellow, fine, 100 ft.		100		100		100	
6. Sand, yellow, fine, 100 ft.		100		100		100	
7. Sand, yellow, fine, 100 ft.		100		100		100	
8. Sand, yellow, fine, 100 ft.		100		100		100	
9. Sand, yellow, fine, 100 ft.		100		100		100	
10. Sand, yellow, fine, 100 ft.		100		100		100	
11. Sand, yellow, fine, 100 ft.		100		100		100	
12. Sand, yellow, fine, 100 ft.		100		100		100	
13. Sand, yellow, fine, 100 ft.		100		100		100	
14. Sand, yellow, fine, 100 ft.		100		100		100	
15. Sand, yellow, fine, 100 ft.		100		100		100	
16. Sand, yellow, fine, 100 ft.		100		100		100	
17. Sand, yellow, fine, 100 ft.		100		100		100	
18. Sand, yellow, fine, 100 ft.		100		100		100	
19. Sand, yellow, fine, 100 ft.		100		100		100	
20. Sand, yellow, fine, 100 ft.		100		100		100	
21. Sand, yellow, fine, 100 ft.		100		100		100	
22. Sand, yellow, fine, 100 ft.		100		100		100	
23. Sand, yellow, fine, 100 ft.		100		100		100	
24. Sand, yellow, fine, 100 ft.		100		100		100	
25. Sand, yellow, fine, 100 ft.		100		100		100	
26. Sand, yellow, fine, 100 ft.		100		100		100	
27. Sand, yellow, fine, 100 ft.		100		100		100	
28. Sand, yellow, fine, 100 ft.		100		100		100	
29. Sand, yellow, fine, 100 ft.		100		100		100	
30. Sand, yellow, fine, 100 ft.		100		100		100	
31. Sand, yellow, fine, 100 ft.		100		100		100	
32. Sand, yellow, fine, 100 ft.		100		100		100	
33. Sand, yellow, fine, 100 ft.		100		100		100	
34. Sand, yellow, fine, 100 ft.		100		100		100	
35. Sand, yellow, fine, 100 ft.		100		100		100	
36. Sand, yellow, fine, 100 ft.		100		100		100	
37. Sand, yellow, fine, 100 ft.		100		100		100	
38. Sand, yellow, fine, 100 ft.		100		100		100	
39. Sand, yellow, fine, 100 ft.		100		100		100	
40. Sand, yellow, fine, 100 ft.		100		100		100	
41. Sand, yellow, fine, 100 ft.		100		100		100	
42. Sand, yellow, fine, 100 ft.		100		100		100	
43. Sand, yellow, fine, 100 ft.		100		100		100	
44. Sand, yellow, fine, 100 ft.		100		100		100	
45. Sand, yellow, fine, 100 ft.		100		100		100	
46. Sand, yellow, fine, 100 ft.		100		100		100	
47. Sand, yellow, fine, 100 ft.		100		100		100	
48. Sand, yellow, fine, 100 ft.		100		100		100	
49. Sand, yellow, fine, 100 ft.		100		100		100	
50. Sand, yellow, fine, 100 ft.		100		100		100	
51. Sand, yellow, fine, 100 ft.		100		100		100	
52. Sand, yellow, fine, 100 ft.		100		100		100	
53. Sand, yellow, fine, 100 ft.		100		100		100	
54. Sand, yellow, fine, 100 ft.		100		100		100	
55. Sand, yellow, fine, 100 ft.		100		100		100	
56. Sand, yellow, fine, 100 ft.		100		100		100	
57. Sand, yellow, fine, 100 ft.		100		100		100	
58. Sand, yellow, fine, 100 ft.		100		100		100	
59. Sand, yellow, fine, 100 ft.		100		100		100	
60. Sand, yellow, fine, 100 ft.		100		100		100	
61. Sand, yellow, fine, 100 ft.		100		100		100	
62. Sand, yellow, fine, 100 ft.		100		100		100	
63. Sand, yellow, fine, 100 ft.		100		100		100	
64. Sand, yellow, fine, 100 ft.		100		100		100	
65. Sand, yellow, fine, 100 ft.		100		100		100	
66. Sand, yellow, fine, 100 ft.		100		100		100	
67. Sand, yellow, fine, 100 ft.		100		100		100	
68. Sand, yellow, fine, 100 ft.		100		100		100	
69. Sand, yellow, fine, 100 ft.		100		100		100	
70. Sand, yellow, fine, 100 ft.		100		100		100	
71. Sand, yellow, fine, 100 ft.		100		100		100	
72. Sand, yellow, fine, 100 ft.		100		100		100	
73. Sand, yellow, fine, 100 ft.		100		100		100	
74. Sand, yellow, fine, 100 ft.		100		100		100	
75. Sand, yellow, fine, 100 ft.		100		100		100	
76. Sand, yellow, fine, 100 ft.		100		100		100	
77. Sand, yellow, fine, 100 ft.		100		100		100	
78. Sand, yellow, fine, 100 ft.		100		100		100	
79. Sand, yellow, fine, 100 ft.		100		100		100	
80. Sand, yellow, fine, 100 ft.		100		100		100	
81. Sand, yellow, fine, 100 ft.		100		100		100	
82. Sand, yellow, fine, 100 ft.		100		100		100	
83. Sand, yellow, fine, 100 ft.		100		100		100	
84. Sand, yellow, fine, 100 ft.		100		100		100	
85. Sand, yellow, fine, 100 ft.		100		100		100	
86. Sand, yellow, fine, 100 ft.		100		100		100	
87. Sand, yellow, fine, 100 ft.		100		100		100	
88. Sand, yellow, fine, 100 ft.		100		100		100	
89. Sand, yellow, fine, 100 ft.		100		100		100	
90. Sand, yellow, fine, 100 ft.		100		100		100	
91. Sand, yellow, fine, 100 ft.		100		100		100	
92. Sand, yellow, fine, 100 ft.		100		100		100	
93. Sand, yellow, fine, 100 ft.		100		100		100	
94. Sand, yellow, fine, 100 ft.		100		100		100	
95. Sand, yellow, fine, 100 ft.		100		100		100	
96. Sand, yellow, fine, 100 ft.		100		100		100	
97. Sand, yellow, fine, 100 ft.		100		100		100	
98. Sand, yellow, fine, 100 ft.		100		100		100	
99. Sand, yellow, fine, 100 ft.		100		100		100	
100. Sand, yellow, fine, 100 ft.		100		100		100	

RECEIVED

MAR 30 1981

ARTESIAN DIVISION



LOCATE WELL CORRECTLY

U. S. LAND OFFICE _____
SERIAL NUMBER **060967**
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Company Address P.O. Box 2105, Hobbs, New Mexico
Lessor or Tract Billiams Field Corbin Abo State New Mexico
Well No. 4 Sec. 33 T. 17 R. 33 Meridian _____ County Lea
Location 2310 ft. N. of N. Line and 1977 ft. E. of N. Line of Section 33 Elevation 4090' DR
(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 _____

Date March 27, 1961 Title District Chief Clerk

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

Commenced drilling January 13, 1961 Finished drilling March 15, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 8570 to 8822' TD 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—	
<u>13-3/8</u>	<u>48</u>			<u>305'</u>	<u>Ball</u>				<u>Surface</u>
<u>8-5/8</u>	<u>24.32</u>			<u>4577'</u>	<u>Reactor</u>				<u>Intermediate</u>
<u>5-1/2</u>	<u>14, 15.5, 17</u>			<u>8822'</u>	<u>Reactor</u>	<u>8705</u>	<u>8734</u>		<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8</u>	<u>322'</u>	<u>350</u>	<u>Pump-plug</u>		
<u>8-5/8</u>	<u>4594'</u>	<u>900</u>	<u>"</u>		
<u>5-1/2</u>	<u>8821'</u>	<u>352</u>	<u>"</u>		

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

DATES

March 27, 1961, 19____ Put to producing March 22, 1961

The production for the first 24 hours was 274 barrels of fluid of which 99.7% was oil; _____% emulsion; _____% water; and .3% sediment. Gravity, °Bé. 39.8

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

Rock pressure, lbs. per sq. in. _____

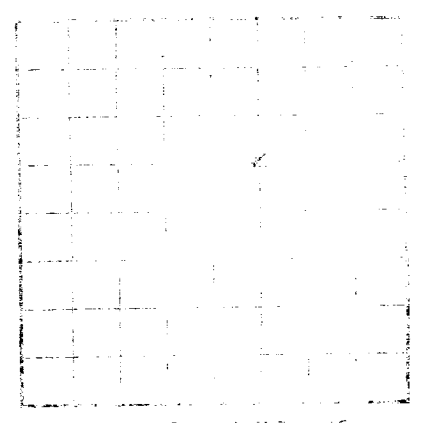
EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1250	1250	Caliche, redbed
1250	3053	1803	Anhydrite, salt, gyp
3053	3270	217	Anhydrite, lime
3270	3800	530	Lime
3800	4026	226	Lime, anhydrite, shale
4026	5371	1345	Dolomite, lime
5371	5810	439	Dolomite, sand, shale
5810	6790	980	Dolomite, lime
6790	7247	457	Dolomite, shale, chert
7247	7715	468	Dolomite, lime
7715	8822 TD	1107	Dolomite, chert, shale, lime
			LOG TOPS
			Rustler 1380
			Yates 2720
			Queen 3745
			Grayburg 4204
			San Andres 4498
			Glorietta 6310
			Clearfork 6515
			Abo Shale 8308
			Abo Reef 8570

FOR OFFICE OR GAS WELL

[illegible]

The majority on this page is for the condition of the well as above stated.

011 08 045 045 045 045

		(b) <i>yo</i> and <i>yo</i> (U)			
to	from	to	from	to	from
to	from	to	from	to	from
to	from	to	from	to	from

IMPORTANT WATER SANDS

et men, 9.07

de men, 9.07

DATE: 11-10-68

DATE	10/10/64	TIME	10:00 AM	LOCATION	10000	REMARKS	10000
10/10/64	10:00 AM	10000	10000	10000	10000	10000	10000

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, together with the reasons for the work and its results. Let 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 pings 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

10-18091-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]