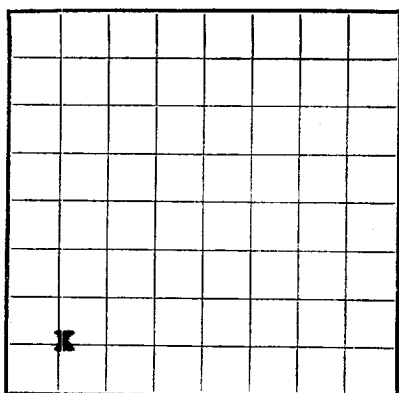




LOCATE WELL CORRECTLY

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 020343-A
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

RECEIVED
MAR 13 1963
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICOCompany Tenneco Oil Company Address Box 307, Hobbs, New Mexico
Lessor or Tract USA-Hanson NM 020343-A Field Wildcat State New Mexico
Well No. 1 Sec. 35 T. 18-SR 32-E Meridian NMPM County Lea
Location 660 ft. N. of S. Line and 660 ft. E. of W. Line of Sec. 35 Elevation 3718
(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 A. W. Lang A. W. LangDate March 12, 1963 Title Dist. Prod. Superintendent

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

Commenced drilling December 15, 1962 Finished drilling December 27, 1962OIL OR GAS SANDS OR ZONES
(Denote gas by G)No. 1, from _____ to _____ 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—	
8 5/8	32 & 24	8rd	J-55	1419	Guide				Surf String
5 1/2	17	8rd	J-55	3810	Guide		3657	3660	Prod String
							3667	3670	
							3676	3678	
							*		
* 3344-46, 3354-56, 3360-62, and 3366-68.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	1419	625	Pump & plug	9.6	
5 1/2	3810	250	Pump & plug	Air	

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 4610 feet, and from _____ feet to _____ feet

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

DATES

March 12, 1963 Put to producing Dry, 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 _____ 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	11	11	KB - GL
11	1305	1294	Undifferentiated sd & sh.
1305	2990	1685	Salt, anhy w/interbedded sd & sh.
2990	4512	1522	Anhy, sd, sh & dolomitic limestone.
4512	4607	95	Sh & dolomitic ls.
			T/Rustler Anhydrite 1305
			T/Yates 2990
			T/Seven Rivers 3500
			T/Queen 4030
			T/Penrose 4240
			T/Grayburg 4512

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

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of running, 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 balling.

HISTORY OF OIL OR GAS WELL

1. Dial 121, hole w/ rotary tools to 1427. Run 8 5/8 OD, 32# and 24# csg and set Press test csg to 1000 @ 1419 1/2 w/ 625 ex. Circulated cut to 1427. WOC 12 hrs.

2. Drilled 7 7/8" hole from 1427' to 4610'.
3. Ran G-R Sonic, laterolog, and microlog logs.
4. Plugged back from 4610' to 3610' w/heavy sand and cement plugs.
5. Ran 5 1/2" OD, 17# casing and set @ 4810' w/250 sk.
6. Top of cement 2900' (casing survey). Pressure test casing to 1500 psi for 30 mins after WOC.
7. Perforated casing 3657-60, 3667-70, 3676-78 w/1 hole/ft.
8. Acidized perforations w/1000 gals 15% HCl acid.
9. Set oil fraced w/20,000 gals refined oil and 15,000# sand.
10. Flowed and swabbed load oil. Well dried up.
11. Plug back over perforations w/sand.
12. Perforated casing 3344-46, 3354-56, 3360-62 and 3366 to 68 w/2 jets/ft.
13. Acidized perforations w/500 gals HCl acid.
14. Set oil fraced perforations w/20,000 gals refined oil and 40,000# sand.
15. Flowed and swabbed load oil. Ran pumping equipment and POP.
16. Recovered portion of load oil and well dried up.
17. Set well to Ernest A. Hanson for possible completion.