

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RESULTS

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Continental Oil Company Address Box 68, Dunice, New Mexico
Lessor or Tract Wilder Field El Mar Delaware State New Mexico
Well No. 14 Sec. 25 T. 26S R. 32E Meridian NM County Lea
Location 1980 ft. NM of N Line and 660 ft. E of N Line of Sec. 25 Elevation 3114 DF
(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.

Date November 23, 1959 Title District Superintendent

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

Commenced drilling 11-1-59, 19____ Finished drilling 11-16-59, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4613 to 4620 No. 4, from _____ to _____
 No. 2, from 4638 to 4645 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 5/8	353	175	dump & plug		
4 1/2	4654	175	dump & 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 0 feet to 4654 feet, and from _____ feet to _____ feet

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

DATES

-----, 19----- Put to producing -----~~11-18-59~~-----, 19-----

The production for the first 24 hours was 278 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. 40 -----

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

----- J. H. Peavers -----, Driller ----- D. S. Knott -----, Driller

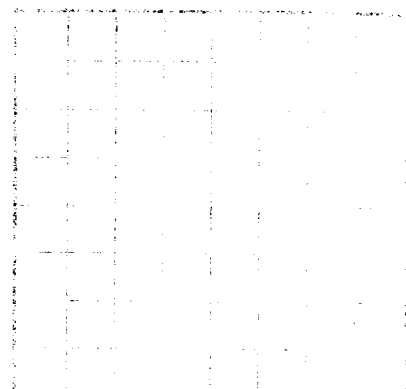
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	590		Surface caliche, Red Beds
590	780		Anhydrite
780	4350		Salt & Anhydrite
4350	4572		Anhydrite
4572	4612		Black Shale (Dela Lm)
4612	4654		Sandstone (Dela Sd)

TD 4654' Sd, DF 11', elev 3114' DF, pay Dela Sd 4613-4645, net effective pay 14', Csg Ft 4 1/2" at 4654', perf 4613-20, 4638-45 W/4 JSPP. IP flwd 470 40 deg grav oil, 0 BW in 14 1/2 hours, 22/64" chk, TP 450 lbs, CP 0 lbs, W/436 MCFGPD, GOR 560, DOR 778 Bbls. Est daily allowable 35 BO. RTD W/500 gals acid, 3000 gals crude, 4500 lbs sand, 150 lbs Adomite W/30 ball sealers. PL COMM Permian Oil Company. Drlg started 11-1-59, comp 11-16-59, TSTD 11-18-59. Tops: Rustler 590, Top Salt 780, Base Salt 4350, Top Dela Lm 4572, Top Dela Sd 4612. Rig released 11-16-59.

Tops picked from electric logs.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NEW EAD 910 J10 P1 2011

Abstract: This paper presents a new method for the estimation of the parameters of a linear system. The method is based on the use of a recursive least squares algorithm. The algorithm is applied to the estimation of the parameters of a second order system. The results show that the method is very accurate and robust.

HISTORY OF OIL OR GAS WELL

10-43084-2 U. S. GOVERNMENT PRINTING OFFICE

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