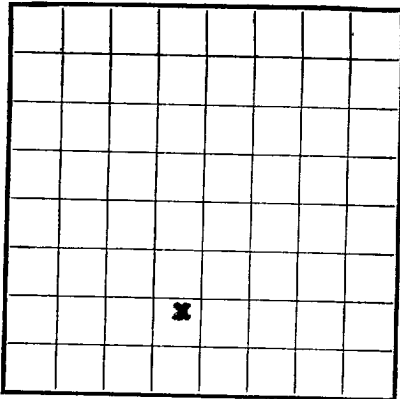


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **LC 065347**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

DEC 1 1958

LOG OF OIL OR GAS WELL

Company **E. P. Campbell** Address **7114 Central B, Albuquerque, N. M.**
Lessor or Tract **Estill-Federal** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **28** T. **24S.** R. **26E.** Meridian **NMP** County **Eddy**
Location **990** ft. **N.** of **S.** Line and **2310** ft. **E.** of **W.** Line of **28** Elevation **3341**
(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 **September 10, 1958** Signed **Ben Doregan** Title **Geologist**

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

Commenced drilling **7-14** 19 **58** Finished drilling **8-29** 19 **58**

OIL OR GAS SANDS OR ZONES

(Denote by G)

No. 1, from **2748** to **1800** No. 4, from **1800** to **1728**

No. 2, from **1800** to **1728** No. 5, from **1728** to **1625**

No. 3, from **1728** to **1625** No. 6, from **1625** to **1520**

IMPORTANT WATER SANDS

No. 1, from **1728** to **1732** No. 3, from **1732** to **1625**

No. 2, from **1625** to **1520** No. 4, from **1520** to **1420**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10 3/4"	32.7	8 Rd	J-55	232	Hall-	All			Surface Protection
8 1/2"	21	8 Rd	J-55	741	Hall-	1800			Protection
5 1/2"	11	8 Rd	J-55	1800	H-21, (7114)	1728	1728	1728	Protection
HISTORIA OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	784	45	Pump and plug		
5 1/2"	1799	100	Pump and 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 **Surface** feet to **2112 TD** feet, and from _____ feet to _____ feet

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

DATE **Blagged and abandoned 8-31-58**

Put to producing _____, 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

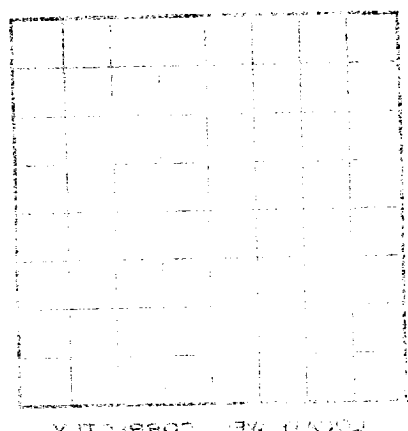
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	75	75	Caliche and gravel
75	825	750	Anhydrite w/ln streaks
825	1120	595	Salt w/anhydrite stks
1120	1662	242	Anhydrite w/ ln stks
1662	1748	86	Lower ln and blk lay siltstone
1748	1845	97	Delaware sandstone
1845	1853	8	ln and blk cal siltstone
1853	2020	167	Sandstone
2020	2031	11	Blk cal siltstone
2031	2045	14	Sandstone
2045	2049	4	Blk cal siltstone
2049	2112 TD	93	Sandstone

Approved and Forwaded
Special Agent in Charge
U. S. DEPT. OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Address _____
Field _____
State _____
County _____
Section _____
Twp _____
R _____
Elev. _____
The information given herein is a summary of the well and all work done thereon
to date. It is not intended to be a complete record of all work done thereon.
8-12-58 Moved rig on location
7-13-58 Rigged up
7-11-58 Spudded
7-17-58 Ran 10 3/4" casing at 10'. Cemented with 15 sacks
7-29-58 Ran 8 5/8" casing at 10'. Cemented with 15 sacks
8-10-58 Rotted & galton oil on hole. Cemented with 15 sacks
8-11-58 Ran gamma ray-meter log at 1800'.
8-12-58 Rotted 10' and cemented 1800'. Cemented with 100 sacks
8-13-58 Rotted 10' and cemented 1800'. Cemented with 100 sacks
8-15-58 Rotted dry. Sandstone w/ 25% shale oil, 10,000 sand. IP 1700-
2500'. IP 3000'. OR GAS BANDS OR ZONES
8-18-58 Sampling 9 bbls/hour. Fluid 90% salt water
8-19-58 Ran resistivity log at 1800'.
8-21-58 Rotted hole dry and drilled ahead
8-22-58 Ran gamma ray-meter log at total depth of 2175'.
8-23-58 Rotted and abandoned

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 balling.

HISTORY OF OIL OR GAS WELL

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