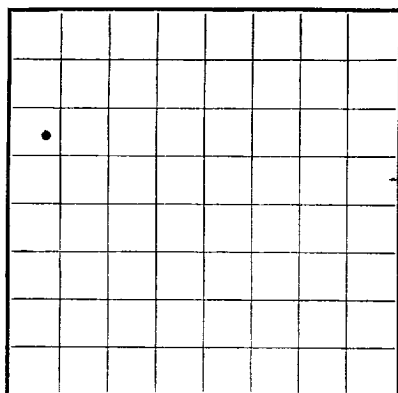




LOCATE WELL CORRECTLY

RECEIVED
MAR 6 1959
GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

U. S. LAND OFFICE
SERIAL NUMBER **LC 063873-A**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Alamo Corporation** Address **Lubbock, Texas**
Lessor or Tract **Poker Lake Unit** Field **Wildcat** State **New Mexico**
Well No. **10-A-6** Sec. **14** T. **258** R. **30E** Meridian **N.M.P.M.** County **Eddy**
Location **1980** ft. **N.** of **N** Line and **660** ft. **E.** of **W** Line of **Sec. 14** Elevation **3349**
(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 *[Signature]*

Date **March 4, 1959** Title **Representative**

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

Commenced drilling **December 1**, 19**58** Finished drilling **February 21**, 19**59**

OIL 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 **1105** to **1115** No. 3, from **4062** to **4070**

No. 2, from **1365** to **1378** 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—	
16"	48#	8	J-55	160'	Tex-Pat.	Left in Hole			
13 3/8"	43#	8	J-55	430'	Tex-Pat.	Left in Hole			
10 3/4"	38#	8	J-55	1070'	Tex-Pat.	Left in Hole			
8 5/8"	24#	8	J-55	1388'	Tex-Pat.	Left in Hole			
5 1/2"	14#	8	J-55	3800'	Tex-Pat.	Left in Hole			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	160'		Mud		
13 3/8"	430'		Mud		
10 3/4"	1070'		Mud		
8 5/8"	1388'		Mud		
5 1/2"	3800'		Mud		

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 **4108** feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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
0	10	10	Caliche
10	240	230	Sand, Gravel, Shale Stks.
240	830	590	Red Shale, Sand
830	1085	255	Blue Shale
1085	1115	30	Red Shale, Sand
1115	1205	90	Red & Blue Shale, Shells
1205	1365	160	Shale, Anhydrite, Sand
1365	1378	13	Sand
1378	1540	162	Shale & Anhydrite
1540	2250	710	Salt, Anhydrite & Potash Stks.
2250	2855	605	Anhydrite
2855	3235	380	Anhydrite, Lime
3235	3565	330	Salt
3565	3665	100	Anhydrite
3665	3825	160	Salt
3825	4000	175	Anhydrite
4000	4042	42	Black Lime
4042	4108	66	Sand

VERBODEN TOEGANG

2020 RELEASE UNDER E.O. 14176

[illegible]

257444 70 : 0443 540 50 10

1. *Chlorophyll a* and *Chlorophyll b* content of the leaves of *S. purpurea* and *S. purpurea* var. *rubra* were determined by spectrophotometry using the method of Arar and Cook (1987). The leaves were ground in a mortar and pestle with liquid nitrogen and extracted with 80% methanol. The extract was centrifuged at 10,000 g for 10 min and the supernatant was transferred to a vial. The absorbance of the extract was measured at 663 nm and 646 nm. The concentration of chlorophyll *a* and chlorophyll *b* was calculated using the following equations:

REF: 87-11-141504

[illegible]

1907-18 6412AC

or shots. If plugs or bridges were put in to test for water, position, and results of pumping or dailing.

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

HISTORY OF OIL OR GAS WELL

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

FROM-	TO-	TOTAL FEET	FORMATION
			1. 0-100
			2. 100-200
			3. 200-300
			4. 300-400
			5. 400-500
			6. 500-600
			7. 600-700
			8. 700-800
			9. 800-900
			10. 900-1000
			11. 1000-1100
			12. 1100-1200
			13. 1200-1300
			14. 1300-1400
			15. 1400-1500
			16. 1500-1600
			17. 1600-1700
			18. 1700-1800
			19. 1800-1900
			20. 1900-2000
			21. 2000-2100
			22. 2100-2200
			23. 2200-2300
			24. 2300-2400
			25. 2400-2500
			26. 2500-2600
			27. 2600-2700
			28. 2700-2800
			29. 2800-2900
			30. 2900-3000
			31. 3000-3100
			32. 3100-3200
			33. 3200-3300
			34. 3300-3400
			35. 3400-3500
			36. 3500-3600
			37. 3600-3700
			38. 3700-3800
			39. 3800-3900
			40. 3900-4000
			41. 4000-4100
			42. 4100-4200
			43. 4200-4300
			44. 4300-4400
			45. 4400-4500
			46. 4500-4600
			47. 4600-4700
			48. 4700-4800
			49. 4800-4900
			50. 4900-5000
			51. 5000-5100
			52. 5100-5200
			53. 5200-5300
			54. 5300-5400
			55. 5400-5500
			56. 5500-5600
			57. 5600-5700
			58. 5700-5800
			59. 5800-5900
			60. 5900-6000
			61. 6000-6100
			62. 6100-6200
			63. 6200-6300
			64. 6300-6400
			65. 6400-6500
			66. 6500-6600
			67. 6600-6700
			68. 6700-6800
			69. 6800-6900
			70. 6900-7000
			71. 7000-7100
			72. 7100-7200
			73. 7200-7300
			74. 7300-7400
			75. 7400-7500
			76. 7500-7600
			77. 7600-7700
			78. 7700-7800
			79. 7800-7900
			80. 7900-8000
			81. 8000-8100
			82. 8100-8200
			83. 8200-8300
			84. 8300-8400
			85. 8400-8500
			86. 8500-8600
			87. 8600-8700
			88. 8700-8800
			89. 8800-8900
			90. 8900-9000
			91. 9000-9100
			92. 9100-9200
			93. 9200-9300
			94. 9300-9400
			95. 9400-9500
			96. 9500-9600
			97. 9600-9700
			98. 9700-9800
			99. 9800-9900
			100. 9900-10000