

LOCATE WELL CORRECTLY

RECEIVED
OCT 12 1961
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company ----- **Yates Petroleum Corp.** ----- Address **309 Carper Bldg., Artesia, N. Mex.**
 Lessor or Tract ----- **Federal** ----- Field **Wildcat** ----- State **New Mexico**
 Well No. **1 "AA"** Sec. **27** T. **18S** R. **24E** Meridian **N.M.P.M.** ----- County **Eddy**
 Location **660** ft. **[S.]** of **S.** Line and **660** ft. **[W.]** of **E.** Line of **Section 27** ----- Elevation **3713**
 (Deriok 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 30, 1961 Title Co. Geologist

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

Commenced drilling August 28, 1961 Finished drilling September 24, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 447 to 444 No. 3, from _____ to _____
No. 2, from 603 to 715 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
8 5/8	930	550	250 Six Squeezes thru. Peris @ 910 350 sx in stages w/ 1" down annulus 10 yds. Ready-Mix down Annulus to Surface		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shelf 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 1554 feet, and from _____ feet to _____ feet.

DATES

_____	19_____	Put to producing _____	10_____
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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

CHAS. BOWEN	W.H. CLARK
Driller	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Caliche
20	60	40	Ls, Caliche
60	70	10	Alluvium, Chert, Ls. Broken
70	90	20	Ls, Sdy
90	100	10	Ls
100	200	100	Sand
200	220	20	Ls, Sd.
220	230	10	Sd
230	430	200	Ls, Sd
430	560	130	Dolomite, Some Sand
560	610	50	Dolomite
610	640	30	No Samples (Artesian Water)
640	790	150	Ls, Dolomite
790	870	80	Dolomite
870	877	7	Dolomite, Some Chert
877	1040	163	Dolomite, Cherty

AT THE END OF COMPLETE DRILLER'S LOG

AT THE END OF COMBUSTIBLE DRILLER'S

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1040	1054	14	Dolomite, chert
1054	1073	19	Dolomite
1073	1086	13	Dolomite, chert
1086	1165	79	Dolomite
1165	1235	70	Dolomite, chert
1235	1251	16	Dolomite
1251	1267	16	Dolomite, chert
1267	1330	63	Dolomite
1330	1340	10	Dolomite, chert
1340	1421	137	Dolomite
1421	1452	25	Dolomite, chert
1452	1480	28	Dolomite
1480	1495	15	Dolomite, chert
1495	1554	59	Dolomite

ELECTRIC LOG TOPS
Surface Water 445-464
San Andres 503 (43210)
Artesian Water 603-815
T.D. in San Andres

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 bailing.

HISTORY OF OIL OR GAS WELL

10-42094-2 U. S. GOVERNMENT PRINTING OFFICE

PLUGGED AND ABANDONED SEPT. 30, 1961

8 5/8" casing cemented @ 930 w/ 550 Sx Cement
plus 10 yards R-ady-mix which surfaced. Spotted
100' Cement at base of 8 5/8" casing. Hole filled
w/ fluid. Set Regulation Marker.