

U. S. LAND OFFICE Santa FeSERIAL NUMBER MM 0630LEASE OR PERMIT TO PROSPECT C

STATE WATER ENGINEER

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Martin Yates, III Address 309 Carper Building, Artesia, N.M.Lessor or Tract LDY Field Unfracked SA State New MexicoWell No. 1 Sec. 26 T. 18S R. 25E Meridian MMN County SddyLocation 990 ft. S. of N Line and 2310 ft. E. of W Line of Sec. 26-18S-25E Elevation 3485 GL
(Barrel 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 R. C. NormanDate November 29, 1963Title Geologist

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

Commenced drilling Sept. 23, 1963 Finished drilling October 26, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1436 to 1445 (C zone) 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 284 to 294 No. 3, from _____ to _____No. 2, from 824 to 1030 (Artesian) 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"	24.4	11	API	150	API	1436			
7"	21.1	11	API	150	API	1445			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	384'	150 SXS			
7"	591'				Mudded with 20 sxs gel.

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 _____ feet to _____ feet, and from _____ feet to _____ feet

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %

emulsion; _____ % water; and _____ % sediment.

If gas well, cu. ft. per 24 hours _____ Gravity, 0.86

Rock pressure, lbs. per sq. in. _____ Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

_____, Driller

_____, Driller

_____, Driller

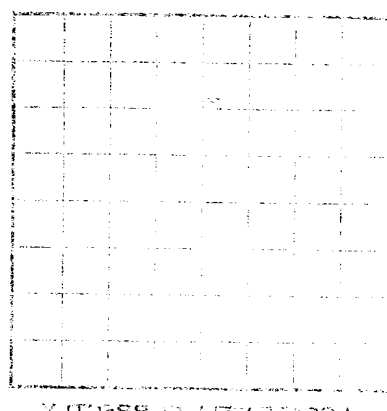
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1436	1445		Surface sand, soil
1445	1450		Gravel, lime
1450	1460		lime
1460	1470		lime, gravel
1470	1480		Clay, lime
1480	1490		Clay, lime
1490	1500		lime, clay
1500	1510		lime, clay
1510	1520		Clay, lime, sand
1520	1530		Clay, lime, red sand
1530	1540		Clay, lime
1540	1550		Clay, lime, sand
1550	1560		red sand, lime, clay
1560	1570		lime, red shale
1570	1580		sand, red shale
1580	1590		sand, lime
1590	1600		sand, trace red shale
1600	1610		sand, trace lime & red shale
1610	1620		lime, trace red sand
1620	1630		lime, some sand & red shale
1630	1640		lime, red shale
1640	1650		lime, little red sand, tr. red shale
1650	1660		sand, little lime traces red shale

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



Company _____
Field _____ State _____
County _____
Location on _____
Line of _____
The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed _____

The summary on this page is for the condition of the well at above date.
Completed drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

(Insert gas by G)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

Size	Weight per foot	Length	Kind of shoe	Cut and galled from	Perforated	Purpose
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 bridged, or left in the well, give its size and length. 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

MUDDING AND CEMENTING RECORD

Weight per sack	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

Material	Length	Depth set

SHOOTING RECORD

Date	Explosive used	Quantity	Depth shot	Depth of casing

FORMATION RECORD

From	To	Total Feet	Description
1700	1722	22	Trace of chert
1680	1700	20	Trace of chert
1660	1680	20	Trace of chert
1640	1660	20	Trace of chert
1620	1640	20	Trace of chert
1600	1620	20	Trace of chert
1580	1600	20	Trace of chert
1560	1580	20	Trace of chert
1540	1560	20	Trace of chert
1520	1540	20	Trace of chert
1500	1520	20	Trace of chert
1480	1500	20	Trace of chert
1460	1480	20	Trace of chert
1440	1460	20	Trace of chert
1420	1440	20	Trace of chert
1400	1420	20	Trace of chert
1380	1400	20	Trace of chert
1360	1380	20	Trace of chert
1340	1360	20	Trace of chert
1320	1340	20	Trace of chert
1300	1320	20	Trace of chert
1280	1300	20	Trace of chert
1260	1280	20	Trace of chert
1240	1260	20	Trace of chert
1220	1240	20	Trace of chert
1200	1220	20	Trace of chert
1180	1200	20	Trace of chert
1160	1180	20	Trace of chert
1140	1160	20	Trace of chert
1120	1140	20	Trace of chert
1100	1120	20	Trace of chert
1080	1100	20	Trace of chert
1060	1080	20	Trace of chert
1040	1060	20	Trace of chert
1020	1040	20	Trace of chert
1000	1020	20	Trace of chert
980	1000	20	Trace of chert
960	980	20	Trace of chert
940	960	20	Trace of chert
920	940	20	Trace of chert
900	920	20	Trace of chert
880	900	20	Trace of chert
860	880	20	Trace of chert
840	860	20	Trace of chert
820	840	20	Trace of chert
800	820	20	Trace of chert
780	800	20	Trace of chert
760	780	20	Trace of chert
740	760	20	Trace of chert
720	740	20	Trace of chert
700	720	20	Trace of chert
680	700	20	Trace of chert
660	680	20	Trace of chert
640	660	20	Trace of chert
620	640	20	Trace of chert
600	620	20	Trace of chert