Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 04560
LEASE OR PERMIT TO PROSPECT Yates-Miller

RECEIVED
JUL 15 1957
Oil Cons. Comm.
ARTESIA, OFFICE

RECEIVED
JUN 17 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company John A. Yates Address Box 1267, Artesia, N. Mex.
Lessor or Tract Yates-Miller Field McMillan-Ext. State New Mexico
Well No. 1 Sec. 28 T. 19S R. 27E Meridian N.M.P.M. County Eddy
Location 1650 ft. {N/S} of N Line and 2310 ft. {E/W} of W Line of Sec. 28 Elevation (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 Nala Carder

Date June 17, 1957. Title Bookkeeper

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

Commenced drilling June 7, 19 56 Finished drilling Aug. 6, 19 56

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 869 to 880 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 ____ to ____ No. 3, from ____ to ____
No. 2, from ____ to ____ No. 4, from ____ to ____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
7"				850'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	850	30			

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 890 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
C. E. Geiser
____, Driller ____, Driller
Fred Geiser

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Caliche & Gyp
30	115	85	Gyp & rock
115	145	30	Rock & Blue shale
145	230	85	Gyp & Anhydrite
230	250	20	Anhydrite
250	310	60	Anhydrite & Blue Shale
310	350	40	Broken lime & anhydrite
350	365	15	Gray lime
365	390	25	Red rock
390	400	10	Anhydrite & red rock
400	410	10	Lime & anhydrite
410	525	115	Gray lime
525	620	95	Lime & anhydrite
620	690	70	Brown & gray lime
690	700	10	Lime & anhydrite
700	710	10	Gray lime, hard
710	740	30	Broken Lime
740	755	15	Lime & blue shale
755	780	25	Lime & anhydrite
780	804	24	Lime & shale
804	834	30	Lime
834	850	16	Lime & shale
850	869	19	Lime

(OVER)

16—43094-4

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
869	875	6	Lime & sand
875	880	5	Broken lime
880	890	10	Gray lime
890	Total Depth		

HISTORY OF OIL OR GAS WELL

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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.

Fractured well on Sept. 6, 1956, with 5000 gallons of crude oil and 5000 pounds of sand. Recovered approximately two-thirds of the load oil.