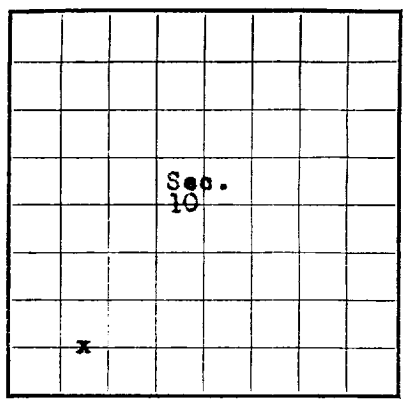
Form 9-330



LOCATE WELL CORRECTLY

RECEIVED
MAR 21 1963
OIL CON. COM.
DIST. 3

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Ute Mountain

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT Lease No. 14-20-151-45

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
MAR 20 1963
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

LOG OF OIL OR GAS WELL

Company M. Martin Oil & Gas Co. Address 4705 N. 32nd Place, Phoenix, Arizona

Lessor or Tract Aztec Field Verde Gallup State New Mexico

Well No. 1 Sec. 10 T. 31N R. 15W Meridian N.M.P.M. County San Juan

Location 535 ft. [N.] of S Line and 2238 ft. [E.] of W Line of Sec. 10 Elevation 5793 (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 E. W. Clement

Date March 15, 1963 Title Agent

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

Commenced drilling Nov. 11, 1962 Finished drilling Dec. 22, 1962

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1870 to 2017 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 260 to 300 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"	24 lb.	8	Used	727	Halliburton	-	-	-	Surf. Cang.
4½"	9.6 lb.	8	Used	1866	"	-	-	-	Prod. Cang.
2 3/8"	4.6 lb.	8	Used	1965					Prod. tbng.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	727	60	Pump truck	-	-
4½"	1866	100	" "	-	-

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
Sand Oil Fractured Open hole from 1869 to 2017 with 28,400 gallons oil and 30,000 lbs. sand. Formation broke down at 850 psi and took treatment at 800 to 1100 psi. Flushed with 2300 gal. oil. Injection rate 34.9 BPM. Total frac oil used, 30,700 gal or 730 bbls.						

TOOLS USED

Rotary tools were used from 0 feet to 1970 feet, and from feet to feet

Cable tools were used from 1970 feet to 2017 feet, and from feet to feet

DATES

, 19 All frac oil recovered

Put to producing March 11, 1963

The production for the first 24 hours was 10 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 41

If gas well, cu. ft. per 24 hours TSTM Gallons gasoline per 1,000 cu. ft. of gas 0

Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller Carl E. Harmon, Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	262	262	Menefee: Thin to massive brown to lt. gray as interbedded with grey to blk. shale.
262	700	438	Point Lookout: Lt. grey, fine to med. hard sandstone interbedded with grey shales.
700	1650	950	Mancos; Grey, silty shale with occassional bed of fine silty sandstone.
1650	1990	340	Gallup: Lt. grey, fine, silty sandstone interbedded with grey shales. (A sandstone lense within the Mancos shale.)
1990	2017 (TD)	27	Mancos; Grey silty shale as above.

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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

HISTORY OF OIL OR GAS WELL

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.

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR

UNITED STATES

GEOLOGICAL SURVEY