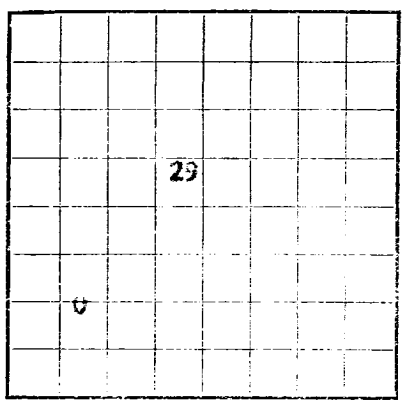
Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078977
LEASE OR PERMIT TO PROSPECT --



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Texas National Petroleum Address 1607 Tower Building, Denver
Lessor or Tract U. S. Gov't. Tract 29-30-13 Field Wildcat State New Mexico
Well No. 1 Sec. 29 T. 30 R. 13 Meridian N M P M County San Juan
Location 910 ft. [N.] of S Line and 905 ft. [E.] of W Line of Section 29 Elevation 5455 G.L.
(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 Henry S. McTernan
Date 9/26/60 Title District Manager

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

Commenced drilling August 10, 1960 Finished drilling August 24, 1960

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 5820' to 6011' 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 None determined 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
8-5/8"	24.0	8 rd	Used	319'	Guide	--	--	--	--
4-1/2"	11.6	8 rd	[illegible]	[illegible]	Baker Guide	--	--	--	--

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	325	230	Pump & Plug	10.0#/gal.	--
4-1/2	6128	220	Pump & Plug	9.5#/gal.	--

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
	None					

TOOLS USED

Rotary tools were used from -- feet to -- feet, and from -- feet to -- feet
Cable tools were used from -- feet to 6134 feet, and from -- feet to -- feet

DATES

September 26, 1960 Put to producing September 26, 1960

The production for the first 24 hours was -- barrels of fluid of which -- % was oil; 60 % 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. 1,900,000

EMPLOYEES

John Abolin, Driller
G. L. Long, Driller
A. L. Andes, Driller
L. A. Vernon, Pusher

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
4048	4985	937	Mancos
4985	5481	496	Gallup
5481	5730	249	Lower Mancos
5730	5778	48	Greenhorn
5778	5820	42	Graneros Shale
5820	5898	78	Graneros Sand
5898	6067	169	Dakota
6067	6134 (T.D.)	67 drilled	Morrison

FOLD MARK

(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.

Sand-Fract well with total of 111,493 gals. gelled water and 94,300 pounds of 20 - 40 mesh sand.