

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078636**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
WELLER, RICHARD M.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Albert C. Bruce, Jr. Address 203 Central Bldg., Midland, Texas
 Lessor or Tract Federal Pipkin Field Nerde-Gallup State New Mexico
 Well No. 2 Sec. 5 T. 30 R. 14 Meridian NMPM County San Juan
 Location 1980 ft. N of N Line and 790 ft. E of W Line of Section 5 Elevation 5588
(Feet above datum)

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 _____

Date _____ Title _____

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

Commenced drilling 12/2/59, 1959 Finished drilling 1/6/60, 1960

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **5050** to **5070** 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	109	100	Pump truck	Gel	50 aks.
5 1/2	4695	150	" "	Gel	300 aks.

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----
Adapters—Material ----- Size -----

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 4695 feet, and from _____ feet to _____ feet
Cable tools were used from 4695 feet to 5133 feet, and from _____ feet to _____ feet

DATES

_____, 19_____ Put to producing _____, 19_____

The production for the first 24 hours was 27.7 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. 41.1

If gas well, cu. ft. per 24 hours 567 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Roy Woodley	, Driller	Red Burell	, Driller
R. E. McVay	, Driller		, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surf.	116	116	surface rock
116	227	111	sandstone
227	985	758	shale & sandstone
985	2705	1720	shale w/streaks of sand
2705	3830	1125	sandstone w/steaks of shale
3830	4900	1070	dark silty shale
4900	5055	155	limey shale
5055	5143	78	sandstone & sandy shale

Company _____
Location or Street _____
Field _____
State _____
County _____
Section _____
Twp _____
R. _____
The formation or formations penetrated by the well are described in the following table, giving the name of the formation, its thickness in feet, and the depth to the top of the formation.

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 "piled" or left in the well, give the 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.

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HISTORY OF OIL OR GAS WELL			
10-53004-2 U. S. GOVERNMENT PRINTING OFFICE			
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