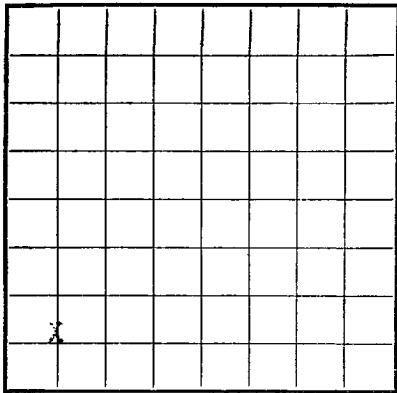




LOCATE WELL CORRECTLY



U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 01806

LEASE OR PERMIT TO PROSPECT

RECEIVED
AUG 3 1962U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company John A. Ryan Address P. O. Box 208

Lessor or Tract Rancher Field Pinolake, N.M. State New Mexico

Well No. 2 Sec. 23 T. 20 R. 2 Meridian N.M.P. County Rio Arriba

Location 290 ft. N. of S. Line and 290 ft. W. of E. Line of Sec. 23 Elevation 7482 ft.
(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 Jack J. Ryan

Date July 23, 1961 Title Geologist

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

Commenced drilling May 26, 1961 Finished drilling June 5, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from to 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 22 to 364 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—	
4 1/2	16.5	3	White	3896	Lower	White	3896	3896	Production
							3860	3864	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
4 1/2	100	5 sacks			
4 1/2	3896	125 sacks	1-plus		

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 0 feet to 3900 feet, and from feet to feet

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

DATES

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

Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1370	1370	Shale and sand
1370	1385	455	Sand
1385	3080	1255	Shale and sand
3080	3415	335	Sand and shale
3415	3555	240	Sand
3555	3815	160	Shale, sand and coal
3815	3870	55	Shale and sand
3870	3900	30	Shale
Electric log tops:			
			Ojo Alamo 3415
			Kirtland 3555
			Fruitland 3675
			Pictured Cliffs 3815
			Lewis 3870

1. BASIS OF PLANET TO RESEARCH
SPECIAL ZONAL
1. BASIS OF PLANET TO RESEARCH

Oil and Gas Administration
Department of the Interior
Washington, D. C.

3691 6113

U. S. GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICO

[illegible][illegible]

Foot. DOWELL sand-water traced with 40,000 gallons water and 40,000 pounds of regular sand. Box 2500, TP 17 0-2100, IN 38 885, T&P 200 pounds. WOOT.

Top count at 3475 feet.

Electric log. Van 124 joints. 4-1/2 inch, 9.5 lb. casing. Howco float shoe-
3 Howco centralizers. Cemented at 3900 feet KB with 125 sacks 50-50 Pozmix, 2 % Gel.

706-561. Reached total depth with 7-7/8 inch hole at 1500 feet

Spud 1-28-61. Ran 3 joints, 2 1/2" x 5/8" inch surface casing. Cemented at 107 feet

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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.

HISTORY OF OIL OR GAS WELL

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

[illegible]