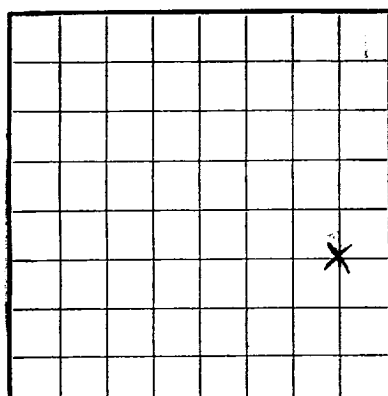


Navajo
U. S. LAND OFFICE 14-20-603-2020
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

MAY 15 1961

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Arizona Explorations, Inc. Address 417 Meadows Bldg., Dallas 6, Tex.
Lessor or Tract Navajo Field W.C. State New Mexico
Well No. 1 Sec. 30 T. 20N R. 17W Meridian NMPM County San Juan
Location 1980 ft. N of S Line and 660 ft. E of E Line of Sec. 30 Elevation 4953 (GL)
(Denote gas by G)

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 [Signature] Title V.P.
Date May 10, 1961

The summary on this page is for the condition of the well at above date.
Commenced drilling 4-28-61, 19... Finished drilling 5-3-61, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None 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 None 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		Purpose
							From—	To—	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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 Surface feet to 661 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 ...
..., Driller ... Driller ...

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	411'	Mancos shale	Note: This hole air drilled from surface to T.D. No moisture and no shows encountered. Sample description as follows. Black, dense, calcareous, soft shales; interbedded with occasional, thin beds of Lt. gray, "salt & pepper", fine-grained, friable sandstone.
411'	526'	Gallup sandstone	Lt. gray, glauconitic, "salt & pepper", fine-grained, calcareous, friable sand beds, two to ten feet thick; interbedded with thin, black, calcareous, silty shale beds.
526'	618'	Mancos shale	Described as above.
618'	649'	Sanostee sandstone	Lt. gray, fine-grained, very calcareous, friable sandstone topped by three feet of Lt. brown, very hard, granular, sandy limestone.
649'	663'	Mancos shale	Described as above.

FROM

TO

TOTAL FEET

[OVER]

FORMATION

16-43094-8

GEOLOGICAL SURVEY

