

[illegible]

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DEC 19 1962
OIL CON. COM. DEPT.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

RECEIVED
PRIOR

U. S. GEOLOGICAL SURVEY
BULLETIN 1175 NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company William O. Callaway Address 706 American Natl. Bank Bldg.
Lessor or Tract Navajo 14-20-603-2082 Field Undesignated State New Mexico
Well No. 1 Sec. 14 T. 27N R. 15W Meridian N.M.P.M. County San Juan
Location 455 ft. N. of N Line and 650 ft. E. of W Line of Sec. 14, T27N, R15W, Elevation 5753
(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.

Date December 18, 1962 Signed William J. Peterson
Title Consulting Petroleum Engineer

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

Commenced drilling December 4, 1962 Finished drilling December 13, 1962

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. 2, from _____ to _____

No. 3, 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
9-5/8"	163	100	Pump & Plug	--	--

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 5000 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ 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.	

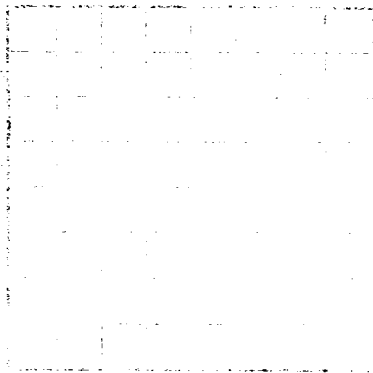
EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION	
0	800	800	Shale	<i>Pictured Cliffs</i> 800
800	925	125	Sand	<i>Chacra</i> 1155
925	1100	175	Shale	<i>Cliff House</i> 1567
1100	1330	230	Sand & Shale	<i>Menefee</i> 1803
1330	1517	187	Shale	<i>Point Lookout</i> 2300
1517	3562	2045	Sand & Shale	<i>Mancos</i> 3562
3562	4460	898	Shale	<i>Gallup</i> 4460
4460	4810	350	Sand & Shale	
4810	5000	190	Shale	



~~SECRET~~

REF ID: A6 11 70 203

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.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
			1. 0-10' Sandstone, medium to coarse grained, brownish gray, massive, slightly silty, with thin layers of siltstone. 2. 10-20' Sandstone, medium to coarse grained, brownish gray, massive, slightly silty, with thin layers of siltstone. 3. 20-30' Sandstone, medium to coarse grained, brownish gray, massive, slightly silty, with thin layers of siltstone. 4. 30-40' Sandstone, medium to coarse grained, brownish gray, massive, slightly silty, with thin layers of siltstone. 5. 40-50' Sandstone, medium to coarse grained, brownish gray, massive, slightly silty, with thin layers of siltstone. 6. 50-60' Sandstone, medium to coarse grained, brownish gray, massive, slightly silty, with thin layers of siltstone. 7. 60-70' Sandstone, medium to coarse grained, brownish gray, massive, slightly silty, with thin layers of siltstone. 8. 70-80' Sandstone, medium to coarse grained, brownish gray, massive, slightly silty, with thin layers of siltstone. 9. 80-90' Sandstone, medium to coarse grained, brownish gray, massive, slightly silty, with thin layers of siltstone. 10. 90-100' Sandstone, medium to coarse grained, brownish gray, massive, slightly silty, with thin layers of siltstone.

FORMATION RECORD—Continued

(SUBMIT IN TRIPLICATE)

Indian Agency _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. _____

Tract 78

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF _____
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____
NOTICE OF INTENTION TO ABANDON WELL _____	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 19, 1963

Well No. 1 is located 495 ft. from [N] line and 690 ft. from [E] line of sec. 14

Section 14 (4 sec. 14) 27.5 (Twp.) 15.5 (Range) 108W (Meridian)

Unincorporated (Town) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 9733 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This well was drilled to a total depth of 3000 feet and found to be non-productive of oil or gas. Cement plugs were placed from 4700' - 4950', from 700' to 850' and from 100' to 140'. Five cements were placed in top of surface casing.

RECEIVED

JUN 21 1963

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company William O. Callaway

Address 1840 Western Federal Bldg.

Denver, 2, Colorado

By William O. Callaway

Title Operator

