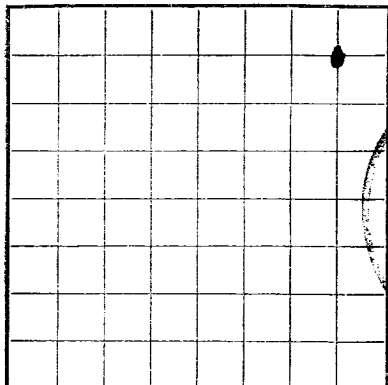


Navajo Tribe
U. S. LAND OFFICE

SERIAL NUMBER 14-20-0603-6378

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
APR 27 1964
OIL COM. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Pure Oil Company Address P. O. Box 1611, Casper, Wyoming
Lessor or Tract Pure-Sun Nava jo Tract 9 Field Wildcat State New Mexico
Well No. 1 Sec. 13 T. 28N R. 16W Meridian NMPM County San Juan
Location 660 ft. XX S. of N. Line and 660 ft. XX W. of E. Line of Section 13 Elevation 5428 KB
(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 _____

Date April 16, 1964 Title District Office Manager

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

Commenced drilling March 22, 1964 Finished drilling March 29, 1964

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	248	200 sax reg.	Pump		

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 4360 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

....., 19.....	Put to producing Dry Hole 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

~~Exeter Drilling Company~~....., Driller , Driller
....., Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2750	2750	Sand & shale
2750	4234	1484	Shale
4234	4292	58	Core No. 1
4292	4360	68	Shale

Core No. 1 - 4234' - 4292' - Cut 58' - Rec. 55-1/2'

2' - Shale, dark gray with thin, fine gray sandstone laminations, tight.
7' - Sandstone, gray, very thin grained, tight with very thin shale laminations.
23' - Shale, dark gray, with numerous thin sandstone laminations.
23-1/2' - Shale, dark gray with occasional thin sand laminations.

[illegible]

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.

Lo 101 307

Chakra	760'	(+4668)
Gilf House	1436'	(+3992)
Pt. Lookout	2532'	(+2896)
Mancos	2842'	(+2586)
Upper Gallup	3785'	(+1643)
Upper Gallup Sand	3982'	- 3990' (+1446 - +1438)
Lower Gallup	4085'	(+1343)
Sansateo	4235'	(+1193)

Weil P & A 3-29-64 as follows:

PLUG NO. 1	- 4290	- 4190	- 100	- 30	sax reg. cement.
PLUG NO. 2	- 4040	- 3990	- 50	- 30	sax reg. cement.
PLUG NO. 3	- 2900	- 2800	- 100	- 40	sax reg. cement.
PLUG NO. 4	- 810	- 710	- 100	- 30	sax reg. cement.
PLUG NO. 5	- 0	- 28	- 28	- 10	sax

Left 9.4# mud between cement plugs. Installed dry hole marker in accordance with U.S.G.S. regulations.