

U. S. LAND OFFICE Navejo Indian
SERIAL NUMBER J-144-Ind-7973

LEASE OR PERMIT TO PROSPECT _____

ILLECIBLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Thunderbolt Association, Inc. Address 626 First National Bank Bldg.
Lessor or Tract Navajo Lease Field Willcox State New Mexico
Well No. 1-X Sec. 22 T. 18N. R. 4W. Meridian N. 2. 1. N. County Mendocino
Location 1350 ft. [N] of 4 Line and 650 ft. [W] of E Line of Section 22 Elevation 6552 'OR.
(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 January 27, 1956 Title Geologist

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

Commenced drilling 1/21/43, 1943 Finished drilling 1/24/53, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 361' to 383' (G) 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 _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
5 1/2"				258'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 1/8"	250'	70	Hell Burton		
10 3/4"	114'	70	Hell Burton		

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
				2/15/53	261' - 983'	983'

TOOLS USED

Rotary tools were used from _____ feet to _____ 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 1,100,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. ----- 660

EMPLOYEES

_____, Driller _____, Driller

_____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	10	10	Soil
10	50	40	Gray shale
50	70	20	Sand
70	80	10	Blue-Gray shale
80	114	34	Gray coarse sandstone
			Set and cemented 10 3/4"
114	130	16	Gray shale and gray quartzitic sandstone
130	145	15	Gray shale
145	170	25	Very sandy gray shale
170	190	20	Coarse quartzitic sandstone
190	210	20	Gray shale
210	300	90	Alternating beds of gray and black shale and buff sandstone
300	320	20	Gray coarse sandstone
320	360	40	Very sandy gray shale
360	400	40	Buff coarse sandstone and some gray shale
400	420	20	Gray shale
420	465	45	Coarse gray sandstone and gray shale
465	500	35	Gray and black shale
500	530	30	Fine grained buff sandstone
530	565	35	Gray shale
565	600	35	Medium grained gray sandstone
600	636	36	Gray shale and about 10% gray sandstone
636	644	8	Gray sandstone
644	662	18	Gray shale and some gray sandstone

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Y. L. 29800-115M1A10

LOG OF OIL OR GAS WELL

1. The Commission has received information from the public that the Commission's report on the investigation of the activities of the Commission's staff, dated 1994, was not made available to the public. The Commission is committed to transparency and accountability and will ensure that the report is made available to the public as soon as possible.

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

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

10-5004-2 U. S. GOVERNMENT PRINTING OFFICE

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