

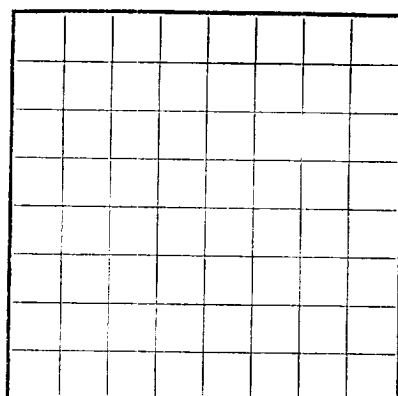
5 - USSS, Farmington
1 - Midland
1 - File
1 - Mobil

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER Navajo 14-20-600-3530
LEASE OR PERMIT TO PROSPECT Navajo - Ute Mtn.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

546 J. L. B. 1993

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Tidewater Oil Company Address Box 547, Hobbs, N. Mex.
 Lessor or Tract Navajo Unit Field NE Horseshoe Call State N. Mex.
 Well No. 1 Sec. 7 T. 31N R. 16W Meridian N. PM County San Juan
 Location 2310 ft. N. of S. Line and 2310 ft. E. of W. Line of Sec. 7 Elevation 5755
 (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 W. H. Wade

Date June 6, 1963 Title Area Supt.

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

Commenced drilling 5-8-63, 1963 Finished drilling 5-13-63, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1735 to 1742 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 _____ 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
8-5/8	119	75	Pump		
4-1/2	1736	175	78		

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 1739 feet, and from _____ feet to _____ feet

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

DATES

----- June 6, 1963 Put to producing -----, 19-----

The production for the first 24 hours was ----- barrels of fluid of which 100% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity. °Ré.

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 of Dodgen Drig. Co.
B. A. Dodgen -----, Driller

Don Foster
J. L. Hayes, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	120	120	Sandstone
120	1728	1608	Shale
1728	1758	30	Sand, shale, limestone
1758	1789	31	Shale

{OVER}

FROM-	TO-	TOTAL FEET	FORMATION
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[illegible]

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 balling.

HISTORY OF OIL OR GAS WELL

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

5-12-63 - Core #1, 1728-58', 1728-30 shale w/ thin sand stringers, 1730-35' sandstone w/ shale stringer, 1733-38, sandstone w/ fine to coarse sand w/ good odor and fluorescence w/ shale stringers, 1738-58', black shale w/ limestone stringers.
5-15-63 - Perforated 4-1/2" 1735' to 1742' w/ 2 crack-jets & 2 regl jets/ft.
5-15-63 - Treated w/ 24,780 gal. lease crude & 17 gal. J-97 per 1,000 gal. oil and 50,000# fo 10-20 sand. Avg. treating pressure 1800#. Avg. rate 40 BPM.
5-20-63 - Set pumping unit.
6-4-63 - Recovered all load oil and started potential test.

GEOLOGICAL TOPS

Mancus
 Nobilita
 Basil Nobilita
 Sanctae
 270.
 1574.
 1729.
 1750.