

A blank 10x10 grid with a small 'X' mark in the bottom right corner.

NOV 3 1958
OIL CON. COM.
DIST. 3

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 078478
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Western Natural Gas Address 211½ W. Main, Farmington, N. Mex.
 Lessor or Tract Marron Field So. Blanco P.C. State New Mexico
 Well No. 3 Sec. 22 T. 27N R. 3W Meridian NMPM County San Juan
 Location 990 ft. N. of S. Line and 1090 ft. E. of E. Line of 22 Elevation 5974 G.L.
 (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 10-28-58 Title Petroleum Engineer
The summary on this page is for the condition of the well at above date.
Commenced drilling 9-1, 1958 Finished drilling 2-27, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by $\mathbb{G}$)

No. 1, from 2113 to 2172 - 6 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	370	to	400	No. 3, from	525	to	535
No. 2, from	490	to	500	No. 4, from	670	to	700
				No. 5, from	765	to	790

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"	96'	70	Pump & Plug	— — —	— — —
5 1/2"	2226.45'	150	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 2228.45 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. ----- Absolute open flow-17,910 MCFPD on 3 hr fl

Fifteen day pressure build-up - 756psi
 _____, Driller
 _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	900'	900'	Shale w/water bearing sand stringers.
900	1570'	670'	Sd w/sh stringers.
1570	1850'	280'	Shale
1850	2107'	257'	Sh w/sd & coal stringers.
2107	2228.45'	121.45'	Sd w/thin sh breaks. (Pictured Cliffs)
			Top Pictured Cliffs 2107'

FORMATION RECORD—Continued

[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 "struck off" 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.

Perforated 5" casing from 2113-2119', 2126-2116' & 2152-2172' w/4 jet shots/ft. Treated well w/60,000# of 20-40 mesh sand & 36,505 gals water in three stages as follows: Broke down form w/2000# w/210 gals and acid ahead; 211,000# sd @ 1550#; 1750#. Flushed w/2350 gals water. Overflushed w/210 gals. Average injection rate was 58.3 BPM. After flowing and cleaning well approx 60 hours, measured gas volume w/dip tube @ 12,169 MCFPD. Killed well w/water. Landed 68 jts of 2 e/8" O.D. 4.70# J-55 tubing w/bert pup jt & tapped BP on btm of string at 2115.72'. Well was shut-in for initial potential on 9-27-58. On 10-13-58 well was potentialled for an absolute open flow of 17,910 MCFPD. Well waiting on pipe line connection.

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