

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078936
LEASE OR PERMIT TO PROSPECT O&G Lease

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Danube Oil Company Address 213 First Nat. Bank Bldg., Amarillo, Tex.
Lessor or Tract Harmon Field West Kutz State New Mexico
Well No. 3 Sec. 10 T. 27N. R. 12W Meridian NMPM County San Juan
Location 1650 ft. N. of S. Line and 1650 ft. EE of W. Line of Section 10 Elevation 5,845'
(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 H. D. Thompson
Date February 9, 1954 Title Partner

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

Commenced drilling Dec. 12, 19 53 Finished drilling Jan. 2, 19 54

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1430 to 1513 (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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, 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—	
10-3/4	"								Surface
7 1/2	23#		J-55						Prod. String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	102.90	74	Halliburton		
7"	1430.	135	"		

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

Adapters—Material.....	Size
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SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
5½		SNG	445	1-2-54	1432-1513	1513

TOOLS USED

Rotary tools were used from 0 feet to 1430 feet, and from _____ feet to _____ feet.

Cable tools were used from 1430 feet to 1513 feet, and from _____ feet to _____ feet.

DATES

----- Jan. 8, -----, 1954 ----- 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 414 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 446#

EMPLOYEES

Marshall Drilling Co., Driller Rotary _____, Driller

-----"-----"-----, Driller Cable -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	102	102	Sand & Shale
102	1022	920	Sand & Shale
1022	1415	393	Sand & Shale
1415	1425	10	Coal
1425	1513	88	Sand - Top Pictured Cliffs 1425 (≠ 4420)

FROM—	TO—	TOTAL FEET	FORMATION
100	105	5	Gravelly sand
105	110	5	Sand & gravel
110	120	10	Sand & gravel
120	130	10	Sand & gravel
130	140	10	Sand & gravel
140	150	10	Sand & gravel
150	160	10	Sand & gravel
160	170	10	Sand & gravel
170	180	10	Sand & gravel
180	190	10	Sand & gravel
190	200	10	Sand & gravel
200	210	10	Sand & gravel
210	220	10	Sand & gravel
220	230	10	Sand & gravel
230	240	10	Sand & gravel
240	250	10	Sand & gravel
250	260	10	Sand & gravel
260	270	10	Sand & gravel
270	280	10	Sand & gravel
280	290	10	Sand & gravel
290	300	10	Sand & gravel
300	310	10	Sand & gravel
310	320	10	Sand & gravel
320	330	10	Sand & gravel
330	340	10	Sand & gravel
340	350	10	Sand & gravel
350	360	10	Sand & gravel
360	370	10	Sand & gravel
370	380	10	Sand & gravel
380	390	10	Sand & gravel
390	400	10	Sand & gravel
400	410	10	Sand & gravel
410	420	10	Sand & gravel
420	430	10	Sand & gravel
430	440	10	Sand & gravel
440	450	10	Sand & gravel
450	460	10	Sand & gravel
460	470	10	Sand & gravel
470	480	10	Sand & gravel
480	490	10	Sand & gravel
490	500	10	Sand & gravel
500	510	10	Sand & gravel
510	520	10	Sand & gravel
520	530	10	Sand & gravel
530	540	10	Sand & gravel
540	550	10	Sand & gravel
550	560	10	Sand & gravel
560	570	10	Sand & gravel
570	580	10	Sand & gravel
580	590	10	Sand & gravel
590	600	10	Sand & gravel
600	610	10	Sand & gravel
610	620	10	Sand & gravel
620	630	10	Sand & gravel
630	640	10	Sand & gravel
640	650	10	Sand & gravel
650	660	10	Sand & gravel
660	670	10	Sand & gravel
670	680	10	Sand & gravel
680	690	10	Sand & gravel
690	700	10	Sand & gravel
700	710	10	Sand & gravel
710	720	10	Sand & gravel
720	730	10	Sand & gravel
730	740	10	Sand & gravel
740	750	10	Sand & gravel
750	760	10	Sand & gravel
760	770	10	Sand & gravel
770	780	10	Sand & gravel
780	790	10	Sand & gravel
790	800	10	Sand & gravel
800	810	10	Sand & gravel
810	820	10	Sand & gravel
820	830	10	Sand & gravel
830	840	10	Sand & gravel
840	850	10	Sand & gravel
850	860	10	Sand & gravel
860	870	10	Sand & gravel
870	880	10	Sand & gravel
880	890	10	Sand & gravel
890	900	10	Sand & gravel
900	910	10	Sand & gravel
910	920	10	Sand & gravel
920	930	10	Sand & gravel
930	940	10	Sand & gravel
940	950	10	Sand & gravel
950	960	10	Sand & gravel
960	970	10	Sand & gravel
970	980	10	Sand & gravel
980	990	10	Sand & gravel
990	1000	10	Sand & gravel

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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.

DATE	DESCRIPTION OF WORK	AMOUNT OF MATERIAL USED	POSITION OF MATERIAL

CASING RECORD

DATE	DESCRIPTION OF WORK	AMOUNT OF MATERIAL USED	POSITION OF MATERIAL

IMPORTANT WATER BANGES

DATE	DESCRIPTION OF WORK	AMOUNT OF MATERIAL USED	POSITION OF MATERIAL

OIL OR GAS SANDS OR BONES

DATE	DESCRIPTION OF WORK	AMOUNT OF MATERIAL USED	POSITION OF MATERIAL

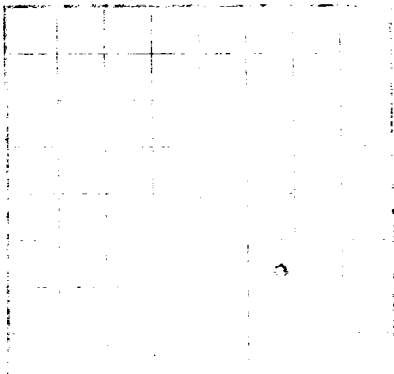
LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

UNITED STATES GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
WASHINGTON, D. C.



DATA FOR WELL LOG