

Las Cruces

U. S. LAND OFFICE

SERIAL NUMBER 029096-C

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Neil H. Wills Address Box 529, Carlsbad, New Mexico
Lessor or Tract Neil H. Wills Field Barber State New Mexico
Well No. 3-C Sec. 20 T. 20S R. 30E Meridian N.M. County Eddy
Location 1650 ft. N. of S. Line and 2310 ft. E. of W. Line of Sec. 20 Elevation 3210
(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 2-17-54Title Owner

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

Commenced drilling 12-28-, 1953 Finished drilling 2-6-54, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1475 to 1480 No. 4, from _____ to _____
No. 2, from 1538 to 1552 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 40 to 43 No. 3, from _____ to _____
No. 2, 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—	
8-5/8"	34#	10	Used	422'	Tex. Pat.				Protect Salt
7"	20#	8	J-55	1315'	" "				Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Mud used	Mud gravity	Amount of mud used
8-5/8"	422'	100 Sx.	Denton		
7"	1315'	200 Sx.	Denton		

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 1553 feet, and from _____ feet to _____ feet

DATES

_____, 1953 Put to producing _____, 1954

The production for the first 24 hours was 60 barrels of fluid of which 50% was oil; _____%
emulsion; 50% water; and _____% sediment. Gravity, °Bé. 20

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____ *Will be put on pump when equipment
is received

EMPLOYEES

D. O. Wilson _____, Driller W. R. Welch _____, Driller
L. H. Peters _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	147	147	Sand & gravel
147	181	34	Shale & gyp
181	246	65	Anhydrite
246	270	24	Lime
270	430	160	Red Bed
430	1065	635	Salt
1065	1080	15	Anhy.
1080	1230	150	Lime
1230	1262	32	Sandy shale breaks
1262	1304	42	Lime
1304	1319	15	Brown Lime
1319	1337	18	Hard Lime
1337	1360	23	Brown Lime
1360	1436	76	Hard Lime
1436	1458	22	Lime
1458	1470	12	Sandy Lime with shale breaks
1470	1553	83	Yates lime

TD. 1553

[OVER]

