



U. S. LAND OFFICE - LAS CRUCES
SERIAL NUMBER - 045812-A
Lease or Permit to Possessor - Lease

Map title

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company ... A.H. Never - Independent Address Office ... Lovelock, Aransas Basin
Lessor or Tract Holder Orig. Lessee ... Field Supervisor ... State ... New Mexico
Well No. ... 8 ... Sec. 18, T. 17N, R. 24E, Meridian ... Block ... County ... Baca
Location 340 ft. (N) of ... Line and 340 ft. (E) of main line of ... Road ... M. Elevation 3,440

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.

Signature

Date ... Dec. 10th 1945 Operator ... Title ... Owner of Lease

The summary on this page is for the condition of the well at above date.
Moved rig on location
Commenced drilling ... Nov. 26th ... 10:45. Finished drilling ... Dec. 2nd ... 1945.

OIL OR GAS BANDS OR ZONES

(Denote gas by G)

No. 1, from ... 404 ... to ... 408 ... No. 4, from ... to ...
No. 2, from ... 536 ... to ... 542 ... No. 5, from ... to ...
No. 3, from ... to ... No. 6, from ... to ...

IMPORTANT WATER BANDS

No. 1, from ... 197 ... to ... 211 ... No. 2, from ... to ...
No other known water band, but hole continued to carry some water
No. 2, from ... to ... No. 3, from ... to ...

CASING ADDED

Size	Weight	Thickness per' foot	Size	Amount	Kind of shot	Out and pulled from	Packed	Weight
10"	100	1/2"	10"	100	1/2"	100 ft.	100 ft.	
7"	200	200 ft.	7"	200	200 ft.	200 ft.		
5"	300	300 ft.	5"	300	300 ft.	300 ft.		
3"	400	400 ft.	3"	400	400 ft.	400 ft.		
2"	500	500 ft.	2"	500	500 ft.	500 ft.		
1 1/2"	600	600 ft.	1 1/2"	600	600 ft.	600 ft.		
1"	700	700 ft.	1"	700	700 ft.	700 ft.		
5/8"	800	800 ft.	5/8"	800	800 ft.	800 ft.		
1/2"	900	900 ft.	1/2"	900	900 ft.	900 ft.		
1/4"	1000	1000 ft.	1/4"	1000	1000 ft.	1000 ft.		
1/8"	1100	1100 ft.	1/8"	1100	1100 ft.	1100 ft.		
1/16"	1200	1200 ft.	1/16"	1200	1200 ft.	1200 ft.		
1/32"	1300	1300 ft.	1/32"	1300	1300 ft.	1300 ft.		
1/64"	1400	1400 ft.	1/64"	1400	1400 ft.	1400 ft.		
1/128"	1500	1500 ft.	1/128"	1500	1500 ft.	1500 ft.		
1/256"	1600	1600 ft.	1/256"	1600	1600 ft.	1600 ft.		
1/512"	1700	1700 ft.	1/512"	1700	1700 ft.	1700 ft.		
1/1024"	1800	1800 ft.	1/1024"	1800	1800 ft.	1800 ft.		
1/2048"	1900	1900 ft.	1/2048"	1900	1900 ft.	1900 ft.		
1/4096"	2000	2000 ft.	1/4096"	2000	2000 ft.	2000 ft.		
1/8192"	2100	2100 ft.	1/8192"	2100	2100 ft.	2100 ft.		
1/16384"	2200	2200 ft.	1/16384"	2200	2200 ft.	2200 ft.		
1/32768"	2300	2300 ft.	1/32768"	2300	2300 ft.	2300 ft.		
1/65536"	2400	2400 ft.	1/65536"	2400	2400 ft.	2400 ft.		
1/131072"	2500	2500 ft.	1/131072"	2500	2500 ft.	2500 ft.		
1/262144"	2600	2600 ft.	1/262144"	2600	2600 ft.	2600 ft.		
1/524288"	2700	2700 ft.	1/524288"	2700	2700 ft.	2700 ft.		
1/1048576"	2800	2800 ft.	1/1048576"	2800	2800 ft.	2800 ft.		
1/2097152"	2900	2900 ft.	1/2097152"	2900	2900 ft.	2900 ft.		
1/4194304"	3000	3000 ft.	1/4194304"	3000	3000 ft.	3000 ft.		
1/8388608"	3100	3100 ft.	1/8388608"	3100	3100 ft.	3100 ft.		
1/16777216"	3200	3200 ft.	1/16777216"	3200	3200 ft.	3200 ft.		
1/33554432"	3300	3300 ft.	1/33554432"	3300	3300 ft.	3300 ft.		
1/67108864"	3400	3400 ft.	1/67108864"	3400	3400 ft.	3400 ft.		
1/134217728"	3500	3500 ft.	1/134217728"	3500	3500 ft.	3500 ft.		
1/268435456"	3600	3600 ft.	1/268435456"	3600	3600 ft.	3600 ft.		
1/536870912"	3700	3700 ft.	1/536870912"	3700	3700 ft.	3700 ft.		
1/1073741840"	3800	3800 ft.	1/1073741840"	3800	3800 ft.	3800 ft.		
1/2147483680"	3900	3900 ft.	1/2147483680"	3900	3900 ft.	3900 ft.		
1/4294967360"	4000	4000 ft.	1/4294967360"	4000	4000 ft.	4000 ft.		
1/8589934720"	4100	4100 ft.	1/8589934720"	4100	4100 ft.	4100 ft.		
1/17179869440"	4200	4200 ft.	1/17179869440"	4200	4200 ft. 4200 ft. 4200 ft. 4200 ft.			

Heaving plug—Material—none..... Length..... Depth set.....
 Adapters—Material—none..... Size.....

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
4"	solidified	80 gts	about Dec. 6th		bottom at 568'	

well shot from 537' to 558' - Note, shot did not blow out, but absorbed into rock - believe this is bad for any well, future shots to be used with light tank.

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet

Cable tools were used from all the way feet to feet, and from feet to feet finished work about

Dec. 5th, 1945.

DATES

Put to producing about Dec. 9th 1945 , 1945

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

Gravity, °B4.

If gas well, cu. ft. per 24 hours ... very little Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

C.L. East....., Driller

Walter Gray....., Driller

....., Driller

FORMATION RECORD

FROM—	TO	TOTAL FEET	FORMATION
Surface	75'		as usual in this area, shaly material & red beds, caves mostly red shaly shale, some Anhydrite
75	11		
96	208		Neatly all Anhydrite, interbedded with red shale, caves same as above, maybe a little more red beds
208	218		
218 to	223		Water sand, however formation looked like red lime
223	401		Red Shale, Anhydrite with oil show in last 3', not much.
401	458		mostly anhydrite with some blue Bentonite, thin streaks.
458	533		Almost solid Anhydrite. These formations in this area do NOT, conform at all, every well is different, except that actually from the top to 530'(average) it would be just as logical to say the formation consists of decomposed Cletchie, Red shale, Anhydrite, Gypsum,, usually a 6 to 10' strata of blue shale, or bentonite encountered between 460 to 475, - one location may have a little more dolomite mixed with Anhy. but in the end it would be just as fair to class the entire area that way down to 500', from there on down it should be recorded.
533	538 and		
538	540		strata starts with 2' mixed Lime & Anhy., then grades to white lime and to brown lime in the last 2 ' with oil in said last two feet.
540	563 same,		
553 to	568 shows some saturation in last three feet. The End.		but grades to white lime in probably the last foot or more .

FROM—	TO	DEPTH FEET	FORMATION

MOTION RECORDED—Continued

6610-510-05