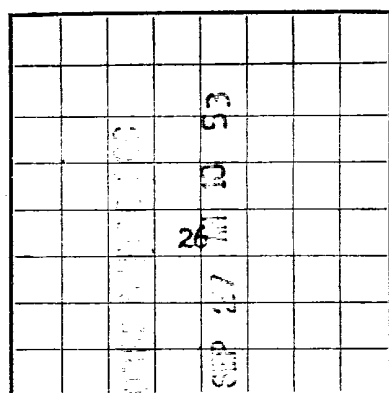


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032579(e)
LEASE OR PERMIT TO PROSPECT Lease



40395

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Westates Petroleum Company Address P. O. Box 1381, Jal, New Mexico
Lessor or Tract Carlson B 26 Field Justis State New Mexico
Well No. 6 Sec. 26 T. 25S R. 37E Meridian N.M.P.M. County Lea
Location 990 ft. N of S Line and 330 ft. W of E Line of Sec. 26 Elevation 3050
(Derrick Base 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 September 20, 1960 Title Production Superintendent

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

Commenced drilling June 20, 1960 Finished drilling July 16, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2367 to 2548 No. 4, from 4912 to 5022
No. 2, from 2955 to 3550 No. 5, from 5022 to 5705
No. 3, from 4872 to 4912 No. 6, from 5705 to 5890

IMPORTANT WATER SANDS

No. 1, from _____ to _____ 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—	
10-11	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
12-12	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
14-14	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
16-16	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
18-18	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
20-20	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
22-22	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
24-24	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
26-26	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
28-28	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
30-30	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
32-32	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
34-34	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
36-36	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
38-38	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
40-40	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
42-42	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
44-44	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
46-46	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
48-48	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
50-50	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
52-52	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
54-54	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
56-56	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
58-58	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
60-60	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
62-62	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
64-64	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
66-66	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
68-68	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
70-70	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
72-72	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
74-74	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
76-76	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
78-78	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
80-80	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
82-82	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
84-84	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
86-86	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
88-88	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
90-90	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
92-92	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
94-94	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
96-96	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
98-98	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11
100-100	1.25	8-9	1.50	1.33	11-11-11	11-11-11	11-11-11	11-11-11	11-11-11

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-3/4"	843'	700	Halliburton		
7"	5999'	750	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 543 feet, and from 343 feet to 6000 feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

September 15, 1960 Put to producing July 25, 1960

The production for the first 24 hours was 200 barrels of fluid of which 98 % was oil; 0 % emulsion; 1 % water; and 1 % sediment. Gravity, °Bé. 27.30

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. L. Boase	Driller	Jack Weaver	Driller
H. T. Harber	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	778	778	Red bed
778	823	45	Anhydrite
823	2349	1544	Base Salt
2349	2548	181	Wates
2548	2955	407	Seven Rivers
2955	3550	595	Queens
3550	4872	1322	San Andres
4872	4912	40	Elorietta
4912	5022	110	Paddock
5022	5705	683	Blinebry
5705	5890	185	Tubbs
			<u>Tops</u>
			823 XXXXXX Anhydrite
			2349 Base Salt
			2367 Yates
			2548 Seven Rivers
			2955 Queens
			3550 San Andres
			4872 Glorietta
			4912 Paddock
			5022 Blinebry
			5705 Tubbs

[OVER]

FOKINYLION RECORD-Continued

Westates Petroleum Company
Carlson B 26 No. 6
September 9, 1960

C
O
P
Y

Spudded 6-20-60 at 5:00 P. M. Drilled 15" rotary hole to 843' into the anhydrite. Set and cemented 833' of new 11 3/4" H-40 42# casing at 843' using plain Halliburton guide shoe and one centralizer. Cemented with 500 sx. of Diamix A plus 200 sx. reg. neat around shoe jt. 6-22-60. Circulated cement. Drilled out and tested casing with 1000# for 30 min. w/o loss of pressure. Drilled 8 3/4" to 6000'. Run logs. Set and cemented 5986.15' of new 7" 23# J-55 casing, using Halliburton guide shoe and insert float with Halliburton D. V. tool at 3900'. Set and cemented at 5999'. Cemented with 250 sx. 50/50 pozmix first stage, 500 sx. 50/50 pozmix second stage. Drilled out to 5995' and tested with 1000# for 30 min. w/o loss of pressure, July 17, 1960. Perforated 5912' to 5922'. Swabbed well. Acidized with 1000 gal. mud acid. Recovered 4 B.F.P.H. 95% water. Perforated 5892' to 5900'. Swab. 95% water. Perf. 5952' to 5954'; 5962' to 5972'; 5978' to 5986'. Swab 100% water. Perf. 5864' to 5880'. Swab dry. Acidize with 500 gal. mud acid. Swab 50% water at rate of 2 B.F.P.H. Squeezed perf. 5892' to 5900'; 5912' to 5922'; 5864' to 5880'; 5952' to 5954'; 5962' to 5972'; 5978' to 5986' with 100 sx. reg. neat cement. Drilled out to 5835' and tested casing with 1000# for 30 min w/o loss of pressure. Perf. 5810' to 5820'. Swab dry. Acidize with 500 gal. mud acid. Swab 4 BOPH. Re-acidize with 2500 gal. Jel X-100 W-24. Well flowed 20 BPH for 10 hr. Perf. 5631' to 5637'; 5645' to 5649'; 5657' to 5663'. Set model "D" drillable packer at 5780'. Swab perf. dry. Acidize with 500 gal. mud acid. Swab dry. Re-acidize with 2500 gal. Jel X-100 W-24. Swab at rate of 4 BPPH. 95% water. Squeezed with 100 sx. reg. neat cement. Drill out and test perf. with 1000# for 30 min. without loss of pressure. Perf. 5056' to 5084'. Swabbed dry. Acidized with 1000 gal. mud acid. Swab at rate of 1/4 BOPH. Re-acidized with 2500 gal. Jel X-100 W-24. Swab at rate of 4 BOPH for 16 hr. Set retrievable bridging plug at 4950'. Perf. 4910' to 4920'. Swab dry. Acidized with 500 gal. mud acid. Swab dry. Re-acidized with 2500 gal. Jel X-100 W-24. Swab at rate of 10 BPPH. 50% water. Squeezed perf. 4910' to 4920' with 100 sx. reg. neat cement. Drill out and test perf. with 1000# for 30 min without loss of pressure. Run two strings of 2 3/8" tubing. Well on production August 9, 1960.

[illegible]

100% of the total population of the United States in 1950 was 100% of the total population of the United States in 1950.