

U. S. LAND OFFICE

SERIAL NUMBER

LC - 060850

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Union Oil Company of California Address 619 W. Texas Ave., Midland, Texas
Lessor or Tract Federal-Stevens Field Caprock Queen State New Mexico
Well No. 4-3 Sec. 3 T. 15S R. 31E Meridian N.M.P.M. County Chaves
Location 1980 ft. XXX of N Line and 660 ft. XXX of W Line of Section 3 Elevation 4427'
(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

R. W. Gailor Jr.Date December 28, 1956Title Drilling Supt.

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

Commenced drilling December 10, 1956 Finished drilling December 15, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3149 to 3155 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 N₀ to - No. 3, from - to -
No. 2, from N₂ 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"	24.4	8WT	Long Star 308.33	3149	Baker	-	3149	-	Surface Cag.
5-1/2"	14.4	8WT	Met'l 3159.81	3155	-	-	3149	3155	Prod. String
2" NUP	4.704	8WT	Met'l 3163.72	-	-	-	-	-	Tag. String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	315.33	175 sz. 4 1/2 gal.	P & P	-	-
5-1/2"	3169.81	200 sz. 4 1/2 gal. plus	P & P	-	-
		200 sz. Strate-Crete			

PLUGS AND ADAPTERS

Heaving plug—Material N₀ Length - Depth set -Adapters—Material N₂ Size -

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>N₀</u>						
<u>N₂</u>						

TOOLS USED

Rotary tools were used from - feet to - feet, and from - feet to - feetCable tools were used from Zero feet to 3171 feet, and from - feet to - feet

DATES

Put to producing December 23, 1956
The production for the first 24 hours was 59.00 barrels of fluid of which 99.8 % was oil;emulsion; 0.2 % water; and - % sediment. Gravity, °Bé. 35.0° APIIf gas well, cu. ft. per 24 hours - Gallons gasoline per 1,000 cu. ft. of gas -Rock pressure lbs. per sq. in. -

EMPLOYEES

W. T. Bowden, Driller L. F. Thornton, DrillerR. J. Vaught, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	365	365	Sand and caliche
365	1360	995	Red beds
1360	1425	65	Anhydrite
1425	1470	45	Shale
1470	2295	825	Salt and shale
2295	2360	65	Anhydrite
2360	2590	230	Sand and anhydrite
2590	3149	559	Shale and anhydrite
3149	3171	22	Sand and shale

REMARKS—

LOG—

SHEET TOTAL

PAGE THREE

(OVER)

16-43084-2

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 "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.

HISTORY OF OIL OR GAS WELL

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