

U. S. LAND OFFICE
SERIAL NUMBER **LC-064900**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Union Oil Company of California** Address **619 West Texas Avenue, Midland, Texas**
Lessor or Tract **Federal-Medlin** Field **So. Dickey Queen** State **New Mexico**
Well No. **1-17** Sec. **17** T. **15S** R. **31E** Meridian **N.M.P.M.** County **Chaves**
Location **660** ft. **[N.]** of **South** Line and **660** ft. **[E.]** of **West** Line of **Section 17** Elevation **4446.6**
(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 **James E. Page**Date **April 11, 1955** Title **Asst. Div. Engineer**

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

Commenced drilling **March 25**, 19**55** Finished drilling **April 4**, 19**55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3111** to **3121** 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 **N** to _____ No. 3, from _____ to _____
No. 2, from **O** to _____ No. 4, from _____ to _____
E

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	SRT	CF&I	318.17	Guide				Surface
5-1/2	15.5	SRT	CF&I	3115.15					Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	331.17	200	P & P	-	-
5-1/2	3125.65	400	P & P	-	-

PLUGS AND ADAPTERS

Heaving plug—Material **N** Length _____ Depth set _____
Adapters—Material **N** Size _____
E

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		N				
		O				
		N				
		E				

TOOLS USED

Rotary tools were used from **0** feet to **3134** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **April 11**, 19**55**

The production for the first 24 hours was **144** barrels of fluid of which **99.6%** was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	290	290	Sand and caliche
290	1275	985	Red beds
1275	1370	95	Anhydrite
1370	2195	825	Salt
2195	2315	120	Anhydrite
2315	2555	240	Sand and anhydrite
2555	3083	528	Anhydrite and salt
3083	3126	43	Sand

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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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.

1. The first part of the report is a general statement of the purpose of the study. This is followed by a brief review of the literature on the subject. The third part of the report is a description of the methods used in the study. This is followed by a presentation of the results of the study. The final part of the report is a discussion of the results and their implications.

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ART. 10. OGK.VI. STAVEN

DEPARTMENT OF THE INTERIOR

REVISED 2/18/79

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