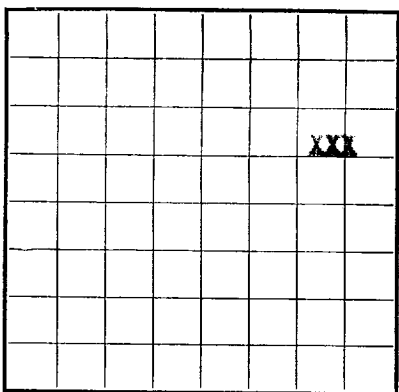


U. S. LAND OFFICE
SERIAL NUMBER **LC-060850**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Union Oil Company of California** Address **Midland, Texas**
Lessor or Tract **Federal-Medlin (Sec. 8)** Field **South Drickey Queen** State **New Mexico**
Well No. **4-8** Sec. **8** T. **15 S** R. **31 E** Meridian **N.M.P.M.** County **Chaves**
Location **1650** ft. **XXI** of **North** Line and **990** ft. **XXI** of **West** Line of **Section 8** Elevation **4446**
(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 **Lums E. Lys**
Date **May 10, 1955** Title **Ass't Div. Engineer**

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

Commenced drilling **April 20**, 19**55** Finished drilling **April 28**, 19**55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3134** to **3145** 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 **Q** to _____ No. 3, from _____ to _____
No. 2, from **N** 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#	8 RT	CF&I	302.52	Guide				Surface
5-1/2"	15.5#	8 RT	CF&I	3141.75	Guide				Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	316	175 sx.	P & P		
5-1/2	3151	400 sx.	P & P		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from **0** feet to **3151** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **May 10**, 19**55**

The production for the first 24 hours was **112** barrels of fluid of which **99.8** % was oil; _____ % emulsion; _____ % water; and **0.2** % 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

L. L. Johnson, Driller **S. D. Burke**, Driller
P. D. Cox, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	270	270	Sand and caliche
270	1340	1070	Red beds
1340	1450	110	Anhydrite
1450	2170	720	Salt and anhydrite
2170	2340	170	Anhydrite
2340	2500	160	Sand
2500	3134	634	Anhydrite
3134	3151	17	Sand and anhydrite

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.

WILLIAM C. CROFT

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

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