



LOCATE WELL CORRECTLY

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UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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LEASE OR PERMIT TO PROSPECT \_\_\_\_\_RECEIVED  
JUL 29 1963  
GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

## LOG OF OIL OR GAS WELL

Company Union Oil Company of California Address 619 West Texas Ave., Midland, TexasLessor or Tract So. Caprock Queen Unit, Tr. 6 Field Caprock Queen State New MexicoWell No. 9-37 Sec. 17 T. 15-SR. 31-E Meridian NMPM County ChavesLocation 2310 ft. N. of S Line and 1300 ft. W. of E Line of Section 17 Elevation 4437'  
(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 C. J. D. DittinDate July 19, 1963Title Production Clerk

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

Commenced drilling July 4, 1963 Finished drilling July 8, 1963

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3148 to 3168 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 \_\_\_\_\_ 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—	
8-5/8"	24#	8R	CP&T	305.52	Plain		3152	3160	Surface
4-1/2"	9.5#	8R	CP&T	3195.37	Guide				Injection

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	316.92	175	P & P		
4-1/2"	3205.27	300	P & P		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

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

## TOOLS USED

Rotary tools were used from 0 feet to 3205 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES Injection

\_\_\_\_\_, 19\_\_\_\_ Put to production July 12, 1963

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% 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'	357'	357'	Caliche, Sand & Shale
357'	1353'	996'	Red Beds & sand
1353'	1433'	80'	Anhydrite
1433'	2353'	920'	Salt & anhydrite
2353'	3148'	795'	Sand, anhydrite & salt
3148'	3168'	20'	Sand
3168'	3205'	37'	Anhydrite & sand

## GEOLOGIC TOPS FROM I-ES LOG

Red beds	357'
Rustler	1353'
Salado salt	1433'
Yates	2353'
Queen	3148'

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JAMES EARL RAY