

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
CONSERVATION BRANCH

**INDIVIDUAL WELL RECORD**

Sec. 7T. 243R. 272N.M.P. Mer.Ref. No. 7

**PUBLIC LAND:**

Land office Las Cruces State New MexicoSerial No. 045969 County EddyPermittee  
or Lessee Donlon Field WildcatOperator Martin Yates, Jr. District RoswellWell No. 1 Subdivision SW Cor. NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec.Location 220 feet from N.  $\frac{1}{2}$  line and 330 feet from  $\frac{1}{2}$  W. line of NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec.Drilling approved December 23, 1937 Well elevation 3240 (IAS) feetDrilling commenced December 30, 1937 Total depth 2270 feetDrilling ceased March 13, 1938 Initial production Noneplugged and abandoned  
Completed for production                     , 19       Gravity A. P. I.                     Abandonment approved May 26, 1938 Initial R. P.                     

**Geologic Formations**

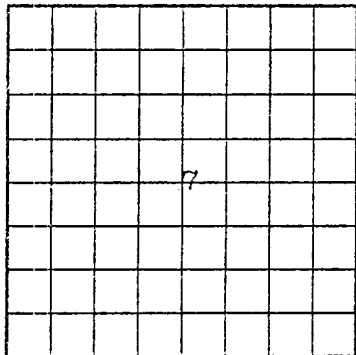
**Productive Horizons**

Surface	Lowest tested	Name	Depths	Contents
<u>Recent</u>	<u>Permian</u>		<u>2050-69'</u>	<u>salt water</u>
			<u>2362-70'</u>	<u>increase water</u>

**WELL STATUS**

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1937												Drg.
1938	Drg.	Drg.	Drg.	Drg.	Drg.							

REMARKS Revised 1-14-44 as to name of field, formerly Black River,



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 045369

LEASE OR PERMIT TO PROSPECT

Lucretia E. Conlon

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

MAR 21 1938

## LOG OF OIL OR GAS WELL

Company Martin Yates, Jr. Address Artesia, New Mexico  
Lessor or Tract \_\_\_\_\_ Field Black River State New Mexico  
Well No. 1 Sec. 7 T. 24 R. 27 Meridian SPM County Doña  
Location 990 ft. N. of S. Line and 220 ft. E. of N. Line of Sec. 7 Elevation \_\_\_\_\_  
(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 Martin Yates, Jr.Date March 14th, 1938Title Operator

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

Commenced drilling December 30th, 1937 Finished drilling March 13th, 1938

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ 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 2050 to 2039 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 2362 to 2370 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—	
3-1/2" Casing				950 Feet					
REMARKS ON Casing: _____									
REMARKS ON Casing: _____									

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-1/2" Casing	Set 950 Ft. Casings	Cemented with 50	Halliburton Method used.		Sacks of Cement,
REMARKS: _____					

## 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 \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 2070 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

None, 19\_\_\_\_ Put to producing None, 19\_\_\_\_

The production for the first 24 hours was None barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_

FOLD

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 ..... feet to ..... feet, and from ..... feet to ..... feet  
 Cable tools were used from ..... 0 ..... feet to ..... 1870 ..... feet, and from ..... feet to ..... feet

DATES

..... None ....., 19..... Put to producing ..... None ....., 19.....

The production for the first 24 hours was ..... None ..... 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

Keith C. Miller ..... Driller ..... F. H. Grant ..... Driller  
 George Infield ..... Driller ..... Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10		Red Rock
10	340		Red Bed (G)
340	370		Gyp and Sand Bed (G) --- (1000 --- 1000)
370	530		Gyp and Anhydrite
530	570		Anhydrite and Gyp
570	625		Gyp and Anhydrite (Thin bed)
625	735		Gyp and Anhydrite (Thin bed)
735	760		Gyp and Anhydrite (Thin bed)
760	815		Gyp and Anhydrite (Thin bed)
815	845		Gyp and Anhydrite (Thin bed)
845	895		Anhydrite
895	935		Gyp and Anhydrite
935	945		Anhydrite and Gyp
945	970		Gyp and Anhydrite
970	975		Anhydrite and Gyp
975	980		Anhydrite and Gyp
980	1040		Anhydrite and Gyp
1040	1050		Anhydrite and Gyp
1050	1300		Salt and Anhydrite
1300	1310		Salt and Anhydrite
1310	1370		Dark Gray Sandy Anhydrite
1370	1375		Anhydrite
1375	1376		Red Gassy Mudstone and Gyp
1376	1385		Gray Soft Sandstone
1385	1665		Brown Limestone
			Salt

(OVER)

C-6745

# FORMATION RECORD--Continued

FROM--	TO--	TOTAL FEET	FORMATION
1685	1685		Light Green Line
1685	1694		Heavy White Shells and Blue Line
1694	1744		Line
1744	1761		Heavy White and Lime
1761	1768		Green Line
1768	1825		Gray Line
1825	1841		Gray Sandy Line
1841	1862		Green Line
1862	1880		Heavy Gray Line
1880	1884		Light Black Line
1884	1889		Dark Brown Line
1889	2003		Dark Gray Line
2003	2030		Green Line
2030	2075		Sandy Line
2075	2089		Sand (2030-2089 Water)---5 barrels per
2089	2095		Shells (2075-2089 Water)---
2095	2098		Black Sandy Line
2098	2307		Black Line (1 barrel per ft)
2307	2327		Sand for Sandy Line (increase.)
2327	2370		Gray Sandy Line
2370			Light Sand (S. L. H.)---(2362-2370- line water)