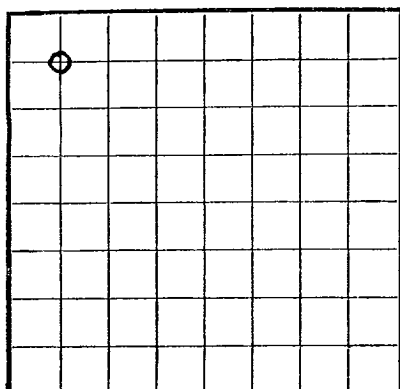




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Western States Address San Antonio, Texas
Lessor or Tract San Antonio Cr. 3 Field Artesia State N. Mexico
Well No. 23 Sec. 10 T. 14 R. 28 Meridian 10 County El Paso
Location 600 ft. N. of A. Line and 600 ft. E. of W. Line of Sec. 10 Elevation 3551'
(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 M. A. MonroeDate December 4, 1957 Title Oil & Gas

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

Commenced drilling September 21, 1957 Finished drilling October 13, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2350 to 2362 No. 4, from 2444 to 2448
No. 2, from 2410 to 2416 No. 5, from 2454 to 2459
No. 3, from 2422 to 2426 No. 6, from 2464 to 2470

IMPORTANT WATER SANDS 2600 2613

No. 1, from 280 to 285 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—	
<u>5 5/8 24</u>	<u>8</u>	<u>8</u>	<u>CPAL</u>	<u>243</u>	<u>plug</u>	<u>243</u>			<u>surface</u>
<u>4 1/2 20.5</u>	<u>8</u>	<u>8</u>	<u>CPAL</u>	<u>2051</u>	<u>float</u>	<u>2051</u>			<u>production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5 5/8</u>	<u>533</u>	<u>75</u>	<u>plug</u>		<u>75</u>
<u>4 1/2</u>	<u>2051</u>	<u>200 thru csg. shoe</u>	<u>plug</u>		<u>200</u>
		<u>305 sacks used on repair squeeze job at 2051' in 4 csgs.</u>			

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 feetCable tools were used from feet to feet, and from feet to feet

DATES

 , 1957 Put to producing November 24, 1957

The production for the first 24 hours was 52 barrels of fluid of which 100% was oil; —%
emulsion; —% water; and —% sediment. Gravity, °Bé. 35.60

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 James Gallagher, DrillerJ. G. Crow, Driller , DrillerJames Monroe, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>155</u>	<u>155</u>	<u>Red Rock</u>
<u>155</u>	<u>300</u>	<u>145</u>	<u>Anhy & Sand</u>
<u>300</u>	<u>355</u>	<u>55</u>	<u>Anhy & Yellow shale</u>
<u>355</u>	<u>395</u>	<u>40</u>	<u>Anhy & Red shale</u>
<u>395</u>	<u>495</u>	<u>100</u>	<u>Anhy. & Red Rock</u>
<u>495</u>	<u>595</u>	<u>100</u>	<u>Anhy.</u>
<u>595</u>	<u>650</u>	<u>55</u>	<u>Anhy. & Lime</u>
<u>650</u>	<u>1020</u>	<u>370</u>	<u>Anhy.</u>
<u>1020</u>	<u>1050</u>	<u>30</u>	<u>Anhy. & Red shale</u>
<u>1050</u>	<u>1325</u>	<u>275</u>	<u>Anhy. & Lime</u>
<u>1325</u>	<u>1440</u>	<u>115</u>	<u>Anhy.</u>
<u>1440</u>	<u>1485</u>	<u>45</u>	<u>Anhy. & Red shale</u>
<u>1485</u>	<u>1620</u>	<u>135</u>	<u>Anhy.</u>
<u>1620</u>	<u>1650</u>	<u>30</u>	<u>Anhy. & Red sand</u>
<u>1650</u>	<u>1665</u>	<u>15</u>	<u>Red sand</u>
<u>1665</u>	<u>1675</u>	<u>10</u>	<u>Anhy. & Lime</u>
<u>1675</u>	<u>1740</u>	<u>65</u>	<u>Anhy., Red shale & Red sand</u>
<u>1740</u>	<u>1755</u>	<u>15</u>	<u>Anhy. & Lime</u>
<u>1755</u>	<u>1820</u>	<u>65</u>	<u>Anhy.</u>
<u>1820</u>	<u>1830</u>	<u>10</u>	<u>Anhy. & Lime</u>
<u>1830</u>	<u>1860</u>	<u>30</u>	<u>Red sand</u>
<u>1860</u>	<u>1925</u>	<u>65</u>	<u>Anhy. & Lime</u>
<u>1925</u>	<u>2005</u>	<u>80</u>	<u>Anhy. & Red sand</u>
<u>2005</u>	<u>2025</u>	<u>20</u>	<u>Red sand</u>
<u>2025</u>	<u>2035</u>	<u>10</u>	<u>Lime & Anhy.</u>
<u>2035</u>	<u>2085</u>	<u>50</u>	<u>Anhy. & Red sand</u>

(OVER)

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
1005	1070	65	lime
2130	2195	65	red sand
2195	2235	40	lime
2235	2295	60	lime, grey sand
2295	2305	10	lime
2505	2575	70	lime, grey, clay, silty
			Top mean
			Top breadth
			Top rim
			Top paving on

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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