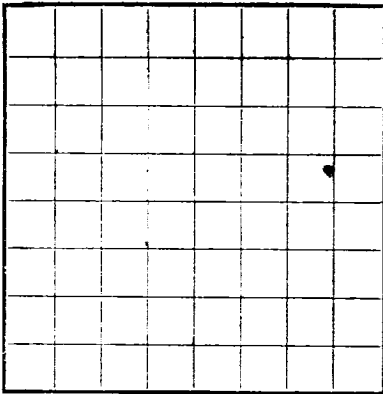


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 96314-5
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Bill Roden Address Box 767, Midland, Texas
Lessor or Tract Federal-Pembworth Field Undesignated State New Mexico
Well No. 1 Sec. 25 T. 6-S R. 36-E Meridian NMP County Roosevelt
Location 1980 ft. S. of N Line and 660 ft. E. of E Line of Sec. 25 Elevation 4068
(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 O. B. KeckDate April 5, 1960Title Agent

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

Commenced drilling December 27, 1960 Finished drilling March 10, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9648 to 9672 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 190 to 380 No. 3, from 530 to 615
No. 2, from 445 to 490 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>13-3/8</u>	<u>144</u>	<u>4</u>	<u>1-55</u>	<u>367</u>	<u>Texas</u>	<u>None</u>	<u>9648</u>	<u>9672</u>	<u>Surface</u>
<u>8-5/8</u>	<u>73</u>	<u>4</u>	<u>1-55</u>	<u>1120</u>	<u>HEAD</u>	<u>None</u>	<u>9672</u>	<u>9678</u>	<u>Intervall</u>
<u>5</u>	<u>17</u>	<u>4</u>	<u>1-55</u>	<u>779</u>	<u>-</u>	<u>500'</u>	<u>9678</u>	<u>9679</u>	<u>611</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8</u>	<u>367</u>	<u>350</u>	<u>Surp</u>	<u>2.1</u>	<u>None</u>
<u>8-5/8</u>	<u>120</u>	<u>1300</u>	<u>Surp</u>	<u>2.2</u>	<u>2275-0</u>
<u>5</u>	<u>779</u>	<u>300</u>	<u>Surp</u>	<u>2.7</u>	<u>375-0</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 0 feet to 9726 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 12-1, 19____

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

Harvill Dean, Driller Ray Penick, Driller

William Rains, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1386	1386	Surf., shale, sand, archy.
1386	1400	214	Shale
1600	4073	2473	lime, shale
4073	6933	2856	Pop. San Andres, 4073, dolomite, shale
6933	7064	131	Pop. Moriata, 6933; Rabb, 6933; shale
7064	7726	662	Pop. Co, 7733; Calcump lime, 7033; lime, shale, dolomite
			Pop. 1st unit:
			1, 7000
			2, 7010
			3, 7040
			4, 700

10-53428-1

FOI b 7 - DEXAM

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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 building.