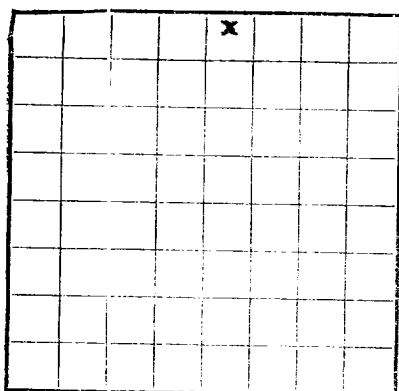




LOCATE WELL CORRECTLY

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company A. J. MOSEL & SON BROW DRILL. CO. Address c/o Oil Reports Box 763 Hobbs, N.M.
Lessor or Tract U. S. Federal Field Lynch-Undesig State N.M.
Well No. 2 Sec. 27 T. 20S R. 34E Meridian 10N County Lea
Location 330 ft. S. of 1st Line and 2310 ft. W. of 1st Line of Section 27 Elevation 3696 Ab
(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

Date 10/25/60Title Agent

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

Commenced drilling 9/14/60, 19____ Finished drilling 9/30/60, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3665 to 3701 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—	
<u>8-5/8"</u>	<u>24.1</u>	<u>J-55</u>	<u>set at 237'</u>	<u>John Follard</u>					<u>Surface</u>
<u>5-1/2"</u>	<u>11.7</u>	<u>J-55</u>	<u>set at 3665'</u>	<u>Halliburton Guide</u>					<u>Oil string</u>
				<u>Open Hole 3665-3701'</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>237</u>	<u>125 ex reg</u>	<u>P&P</u>	<u>Circulated</u>	
<u>5-1/2"</u>	<u>3665</u>	<u>125 ex + 20 gal</u>	<u>P&P</u>		
		<u>Latex</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 _____ feet
Cable tools were used from _____ feet to 3665 feet, and from 3701 feet to _____ feet
DATES J. F. Gibbins

_____, 19____ Put to producing _____, 19____
10/24/60 The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. 47 Gravity, °Bé. 100

If gas well, cu. ft. per 24 hours _____ Gal _____ Gas gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
Slip Burns (Tom Brown), Driller _____, Driller
George Follard (Gibbins)

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	240	240	Surface
240	890	650	Red Beds, Anhy
890	920	30	Sand
920	1690	770	Anhy, red beds
1690	3410	1720	Anhy, salt
3410	3665	255	Line, sand and Anhy
3665	3701	36	Line, Sand
			<u>Block Log Log:</u>
			<u>Anhydrite -1555</u>
			<u>Sand Salt -3227</u>
			<u>Notes, top-3420</u>

(OVER)

13-48094-4

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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.

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100-10-000-12

1. *Chlorophyll a* (Chl *a*)

1. *Chlorophyll a* (Chl *a*) and *Chlorophyll b* (Chl *b*) were determined by the method of Arar and Collins (1971).

406/11 97 1.48

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.