

LOCATE WELL CORRECTLY

NOTED
HOBBS JAN 31 1961
GORDON

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **James G. Brown & Associates** Address **P. O. Box 1625, Midland, Texas**
Lessor or Tract **Federal** Field **Pearl Oases** State **New Mexico**
Well No. **4** Sec. **4** T **20S** R. **35E** Meridian **N. M. P. M.** County **Lea**
Location **660** ft. $\left[\begin{smallmatrix} N \\ E \end{smallmatrix} \right]$ of **S** Line and **660** ft. $\left[\begin{smallmatrix} E \\ W \end{smallmatrix} \right]$ of **E** Line of **Sec. 4** Elevation **3684**
(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 *J. G. Crisp*

Date **January 6, 1961** Title **Production Superintendent**

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

Commenced drilling **November 17, 1960** Finished drilling **December 3, 1960**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **4836** to **4848** 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—	
5-1/2	4969						4836	4848	Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	342	200	P & P		
5-1/2	4969	300	P & P		
(200 sax @ shoe & 100 sax @ 1952)					

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
Treated with 1000 gal. B.D. acid - formation broke @ 2600 Psi, swabbed 1/4 bbl. oil per hr. Treated with 20,000 gal. refined oil and 26,500 lbs. Sandfrac @ 23 BPM injection rate; max. press. 3000 Psi. Swabbed & flowed back lead oil.						

TOOLS USED

Rotary tools were used from _____ feet to **4983** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **December 16, 1960**
The production for the first 24 hours was **60** barrels of fluid of which **100%** was oil; **0%** emulsion; **0%** water; and **0%** sediment. Gravity, °Bé. **35.8**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

H. L. Roper, Driller **J. G. Crisp**, Driller
Paul E. Warner, Driller

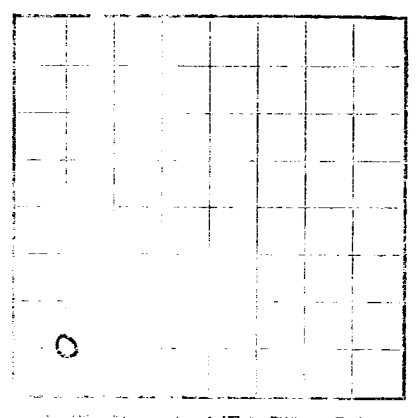
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	260	260	Sand and gravel
260	1020	760	Redbeds and anhydrite
1020	1940	920	Anhydrite and dolomite
1940	3440	1500	Salt and anhydrite
3440	4200	760	Shale sand and dolomite
4200	4983 TD	783	Dolomite and sand
Tops:			Anhydrite 1932 El.
			B/Salt 3435 El.
			7 Rivers 4112 El.
			Queen 4620 El.

U.S. LAND OFFICE
General Number
CLASS OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company, Location, Address, Field, State, County, Township, Range, Section, Meridian, Location of well, Elevation, The information given here is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Date, Title, The summary on this page is for the condition of the well at above date, Commented drilling, Finished drilling, 1933

OIL OR GAS SANDS OR ZONES

Table with 2 columns: No. from, to. Rows for No. 1, 2, 3, 4, 5, 6.

IMPORTANT WATER SANDS

Table with 2 columns: No. from, to. Rows for No. 1, 2, 3, 4.

CASING RECORD

Table with columns: Casing size, Depth, Kind of casing, Cement, etc.

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 reaming, 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 checked or left in the well, give the date, size, position, and number of logs. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or testing.

MUDDING AND CEMENTING RECORD

Table with columns: Casing size, Depth, Amount of mud used, Mud density, Method used, Number sacks of cement.

PLUGS AND ADAPTERS

Table with columns: Adapter size, Heaving plug size, Depth set.

SHOOTING RECORD

Table with columns: Site, Depth, Explosive used, Quantity, Date, Depth closed out.

TOOLS USED

Table with columns: Cable tools, Rotary tools, Length, and from.

DATES

Put to producing, The production for the first 24 hours was, emulsion, If gas well, Rock pressure.

EMPLOYEES

Table with columns: Driller, Driller.

FORMATION RECORD

Large table with columns: FROM, TO, TOTAL FEET, FORMATION. Rows include: Green, 1 Rivers, B/Salt, Anhydrite, etc.

WELL LOG