

COPY TO O. C. C.

HOBBS

Form 9-330

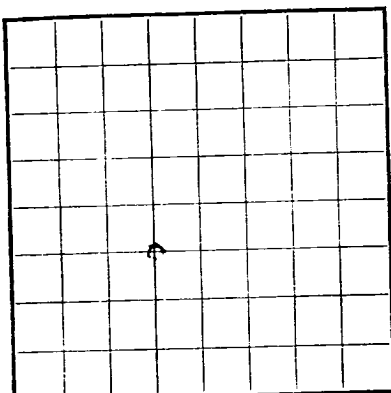
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Hobbs, N. M.

U. S. LAND OFFICE NM 051845-8

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **COSDEN PETROLEUM CORPORATION** Address **Box 1311, Big Spring, Texas**
Federal **Federal** Field **30. Prairie Penn** State **New Mexico**
Well No. **1** Sec. **20** T. **8-S** R. **36-E** Meridian **NMPN** County **Roosevelt**
Location **1980** ft. **N** of **S** Line and **1980** ft. **E** of **W** Line of **Sec. 20** Elevation **4135**
(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 **H. L. Weeks** Title **Supt. of Production**
Date **February 23, 1961**

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

Commenced drilling **December 11**, 19**60** Finished drilling **February 15**, 19**61**

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

No. 1, from **9720** to **9726** 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—	
13 3/8	452	8	Reo	450	Top	Surface			Surface
8 5/8	4205	8	Reo	1950	Guide	9720	9726		Production
4 1/2	9770	8	Reo	200	Guide	9731	9734		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	452	450	Pump & Plug		Cement core
8 5/8	4205	1950	Pump & Plug		Cement core
4 1/2	9770	200	Pump & Plug		Top at cement 8865

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 **9820** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **February 15**, 19**61**
The production for the first 24 hours was **491** barrels of fluid of which **23.8** was oil; _____%
emulsion; **76.4**% water; and _____% sediment. Gravity, °Bé. **48° API**
If gas well, cu. ft. per 24 hours _____ Gallons gas line per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. R. Blackburn, Driller
R. L. Sizemore, Driller
J. Rhea, Driller

FORMATION RECORD

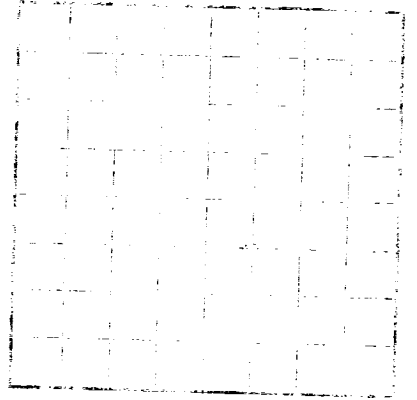
FROM—	TO—	TOTAL FEET	FORMATION
-0-	453	453	Surface, caliche & Red Bed
453	2237	1784	Red Bed
2237	2505	268	Anhydrite - Salt Streaks
2505	2925	420	Anhydrite
2925	3525	600	Anhydrite - Salt Streaks
3525	3931	406	Anhydrite
3931	4048	117	Anhydrite - Lime
4048	4125	77	Anhydrite
4125	5086	961	Lime
5086	5105	19	Sand
5105	7230	2125	Lime
7230	7288	58	Lime - shale
7288	7502	214	Lime
7502	7527	25	Lime - Shale
7527	7702	185	Lime
7702	7816	134	Lime - Shale
7816	8065	229	Shale
8065		191	Lime - Shale

LOGWELLION RECORD—CONTINUED

10-48094-4

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company _____
Location or Tract _____
Well No. _____
Location of well _____
The information given in this log is for the use of the Geological Survey and is not to be used for any other purpose without the permission of the Director.

Date of completion of this log _____
Name of the well _____
Name of the owner _____
Name of the operator _____
Name of the driller _____
Name of the logger _____
Name of the recorder _____
Name of the checker _____
Name of the reviewer _____
Name of the approver _____

Drilled well to 9770. Run 4 1/2 casing. Perforated 9721-9722. Swabbed water. Drilled to 9820. Squeezed open holes from 9770 to 9820 with 200 ex. Pozmix 25. Cement. Squeezed cement. Reversed out 80 ex. Perforated from 9731 to 9734. Attempted to squeeze perfs. Could not break formation with 7400 psi. Perforated casing 9720-9726. Acidized with 500 gallons mud acid.

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 changed, 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 balling.

Mudding and cementing records _____
Casing _____
Perforations _____
Production _____
Other _____

Perforations _____
Production _____
Other _____

Perforations _____
Production _____
Other _____

Perforations _____
Production _____
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