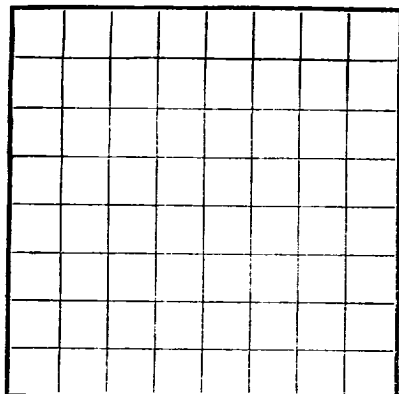


U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **069033**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

104 10 211
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ARTESIA, NEW MEXICORECEIVED
FEB 15 1961
D. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company **Donnelly Drilling Co., Inc.** Address **Box 433, Artesia, N.M.**
Lessor or Tract _____ Field **Culwin** State **New Mexico**
Well No. **2** Sec. **5** T. **19S** R. **31E** Meridian **N.M.P.M.** County **Eddy**
Location **900** ft. **N.** of **N.** Line and **330** ft. **E.** of **E.** Line of **Sec. 5 (Lot 1)** Elevation **3584 + 9**
(Denote 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 **February 9, 1961**Title **President**

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

Commenced drilling **January 11**, 19**61** Finished drilling **January 21**, 19**61**.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3307** to **3360** 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—	
8 5/8	296	130	Pump	130	Pump	3307	3342	3350	String
4 1/2	3368	225	Pump	225	Pump	3360	3368	3368	String
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	296	130	Pump		
4 1/2	3368	225	Pump		

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 **3368** feet, and from _____ feet to _____ feet

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

DATES

February 8-9, 19**61** Put to producing **February 7**, 19**61**

The production for the first 24 hours was **60** barrels of fluid of which **83 1/3** % was oil; _____ % emulsion; **16 2/3** % 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

R. E. Lee, Driller **G. C. Hull**, Driller

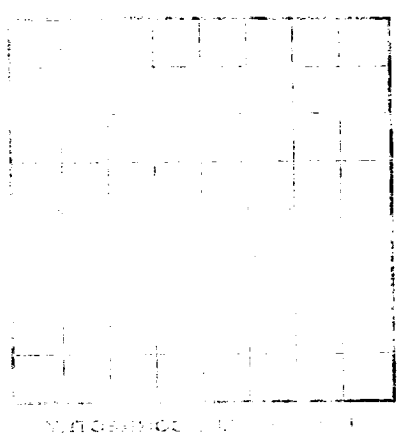
T. V. Smith, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	625	625	Red Beds
625	827	202	Anhydrite
827	2187	1360	Salt
2187	2387	200	Anhydrite
2387	2560	173	Anhydrite & Sandstone
2560	2660	100	Anhydrite & Dolomite
2660	2725	65	Sandstone
2725	2770	45	Dolomite
2770	2850	80	Sandstone
2850	2870	20	Dolomite
2870	2890	20	Sandstone & Dolomite
2890	3055	165	Dolomite
3055	3077	22	Sandstone
3077	3094	17	Dolomite
3094	3134	40	Sandstone
3134	3150	16	Dolomite
3150	3165	15	Sandstone
3165	3235	70	Dolomite & Bentonite
3235	3250	15	Sandstone
3250	3307	57	Dolomite
3307	3360	53	Sandstone
3360	3368	8	Dolomite TD

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company Name: ...
Location: ...
Well Name: ...
The information given in this log is a complete and correct record of the well and all work done thereon.
Signed: ...

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

OIL OR GAS SANDS OR ZONES

No. 1 from ... to ...
No. 2 from ... to ...
No. 3 from ... to ...

IMPORTANT WATER SANDS

No. 1 from ... to ...
No. 2 from ... to ...

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of setting, together with the reasons for the work and its results. If the casing 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

MUDLOGGING AND CEMENTING RECORD			
Depth	Kind of mud	Kind of cement	Remarks
...	...	...	...
PLUGS AND ADAPTERS			
Depth	Size	Material	Remarks
...	...	...	...
SHOOTING RECORD			
Depth	Charge	Result	Remarks
...	...	...	...
TOOLS USED			
Tool	Depth	Remarks	
...	...	...	...
DATES			
Date	Event	Remarks	
...	...	...	...
EMPLOYEES			
Name	Position	Remarks	
...	...	...	...
FORMATION RECORD			
Formation	Depth	Remarks	
...	...	...	...

RECEIVED
FEB 15 1961
O. G. C.
ARTESIAN OFFICE