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ARIZONA, NEW MEXICO

U. S. LAND OFFICE
SERIAL NUMBER **LC-060866A**
LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Neville G. Penrose, Inc.** Address **Box 737, Eunice, New Mexico**
Lessor or Tract **Ballard** Field **Caprock-Queen** State **New Mexico**
Well No. **4** Sec. **28** T. **14S** R. **31E** Meridian _____ County **Chaves**
Location **1980** ft. **XX** of **N** Line and **1980** ft. **XX** of **W** Line of **section 28** Elevation **4442** KB
(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 *Dem B. Powell*

Date **December 19, 1958** Title **Agent**

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

Commenced drilling **July 18**, 19 **58** Finished drilling **July 25**, 19 **58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3130** to **3152** 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 **none** 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-	
9 5/8	32#	8	Natl	299	Tex. Patt.				surface prod.
7	20	8	Les.	3152	Guide	3131	3130		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	299	90	circulated pump & plug		
7	3154	100	pump & plug		

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 **3152** TDfeet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

8-2, 19 **58**. Put to producing **8-2**, 19 **58**

The production for the first 24 hours was **64** barrels of fluid of which **68**% was oil; _____% emulsion; **32**% water; and _____% sediment. Gravity, °Bé. **34**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Roy Weaver, Driller **R.R. Powell**, Driller
O.R. Arnold, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	335	335	shale & sand
335	1385	1050	red beds
1385	1485	100	anhydrite
1485	2163	678	salt
2163	2328	165	anhydrite
2328	2485	157	sand
2485	3130	645	anhydrite, salt, shale
3130	3152	22	sand

FOLD MARK

