

[illegible]

REFERENCES

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

ARTESIAN OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company William A. & Edward R. Hudson Address 302 Carper Bldg., Artesia, New Mexico
Lessor or Tract Puckett "A" Field Naljarar State New Mexico
Well No. 23 / Sec. 24 / T. 17S R. 31E Meridian NTE County Eddy
Location 1345 ft. N. of S Line and 1345 ft. E. of E Line of Sec. 24 Elevation 3905 D.F.
(Derive from relative to well)

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.

Date **July 18, 1962**

Title **Consulting Engineer**

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

Commenced drilling May 15, 1952 Finished drilling May 31, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from <u>3546</u> to <u>3552</u>	No. 4, from <u>3871</u> to <u>3883</u>
No. 2, from <u>3566</u> to <u>3580</u>	No. 5, from <u>3910</u> to <u>3918</u>
No. 3, from <u>3707</u> to <u>3737</u>	No. 6, from <u>3936</u> to <u>3950</u>

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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				662'					
5-7/2	15.5	J-55		4000'			3546	3950	
						(Perforated zone shown above)			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	662	250			
5-1/2	4000	350			

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
	Acidized w/500 and 700 gallons.					

TOOLS USED

Rotary tools were used from Surface feet to 4000 feet, and from _____ feet to _____ feet

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

DATES

-----, 19----- Put to producing July 22, 1962

The production for the first 24 hours was 12 barrels of oil + 58 bbls. of water, of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 10.0

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	300		Surface sands and caliche.
300	590		Kent Beds
590	720		Anhydrite
720	1780		AT THE END OF COMPLETE DRILLER'S LOG ADD GEOLOGIC TOPS. STATE WHEN YOU TAKE CORE SAMPLES.
1780	2915		Salt
2915	2950		Anhydrite and sand
2950	3285		Red Sand.
3285	3661		Anhydrite and Sand.
3661	3820		Dolomite and Sand.
3820	3865		Dolomite.
3865	4000		Sand and Silty Dolomite. Dolomite.
<u>E. L. TOPS</u>			
T. Anhydrite---	590.		
T. Salt-----	720.		
B. Salt -----	1780.		
T. Red Sand ---	2915.		
T. Grayburg ----	3285.		
T. San Andres --	3661.		

