



LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER **078656 SF**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **F. B. Umbarger** Address **Box 878, Aztec, New Mexico**
Lessor or Tract **Clyde B. Gartner** Field **Torrejon** State **New Mexico**
Well No. **2** Sec. **21** T. **18N** R. **3W** Meridian **N.M.P.M.** County **Sandoval**
Location **1980** ft. **N.** of **N** Line and **509** ft. **E.** of **E** Line of **Sec. 21** Elevation **6621**
(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

Date **January 27, 1955**

Title

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

Commenced drilling **10-11**, 19**49** Finished drilling **4-15**, 19**50**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **640** to **642** No. 4, from _____ to _____
No. 2, from **785** to **800** No. 5, from _____ to _____
No. 3, from **980** to **1015** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **500** to **505** No. 3, from _____ to _____
No. 2, from **1048** to **1051** 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—	
10"	32	8		12'	Steel				
5"	15	10		881'	steel				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10"	32'	9 sacks	hand	38	
5"	786	66 sacks	pressure		

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 **675** feet, and from _____ feet to _____ feet
Cable tools were used from **675** feet to **1051** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% 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

Roy Davis, Driller **Tony Tenorio**, Driller
J. Baker, Driller **Sam Chavez**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	500	500	Shale, coal, sandy lime, bentonite
500	505	5	Water sand
505	640	135	Sahle, sandy lime
640	642	2	Oil Sand
642	785	143	Shale, Coal, Sandy lime
785	800	15	Oil and gas sands
800	881	81	Shale, sand, sandy lime
881	980	99	" " "
980	1015	35	Gas sand, oil sands
1015	1048	33	Shale
1048	1051	3	Water Sands
1048/	1051		

FORMATION RECORD—Continued

[illegible]

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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 "sidetracked" 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 bailing.

[illegible]

POB **CA** **ST** **OK** **CYE** **RETN**

ΠΕΡΙΛΗΨΗ

PLAYABLE: 65.1% IN 1980S

THE UNIVERSITY OF CHICAGO

[illegible][illegible]