



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **William A. & Edward R. Hudson** Address **1810 Electric Bldg., Ft. Worth**
Lessor or Tract **Federal "18"** Field **Undesignated** State **New Mexico**
Well No. **3** Sec. **18** T. **19S** R. **33E** Meridian **NMPM** County **Lea**
Location **1980** ft. **N** of **N** Line and **1980** ft. **E** of **E** Line of **Sec. 18** Elevation **3646** DF
(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 **June 22, 1960** Title **Joint Operator**

The summary on this page is for the condition of the well at above date.
Commenced drilling **June 12, 1960**, 19____ Finished drilling **June 20,**____, 19-**60**

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

No. 1, from **3250** to **3254** No. 4, from _____ to _____
No. 2, from **3266** to **3270** 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	24#			257					
5 1/2	14.40#			3283			3250	3254	
							3266	3270	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	257	250			
5 1/2	3283	400			

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			500 Gal.		3250-3254	3266-3270

TOOLS USED

Rotary tools were used from **0** feet to **3283** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **June 20,**____, 19-**60**
The production for the first **25** hours was **40** barrels of fluid of which **100**% was oil; **0**% emulsion; **0**% water; and **0**% 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

T. L. Benton_____, Driller **R. L. Howie**_____, Driller
Fred Schwettman_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION		
0	75	75	Sand and Gravel	Top Anhydrite	1318
75	145 145	70	Red Shale & Shells	Top Salt	1436
145	190	45	Shale & Sandy Shale	Base Salt	2750
190	210	30	Shells/Red Bed	Top Yates	3106
210	350	140	Red Shale	Top Seven Rivers	3200
			8 5/8" casing 257' - 270'		
350	950	600	Shale & Sand		
950	960	10	Shale & Sandy		
960	1118	58	Shells & Red Shale		
1118	1318	200	Red Shale & Anhy.		
1318	1468	150	Red Shale & Anhy.		
1468	1530	62	Salt & Anhy.		
1530	1591	61	Anhy. & Salt		
1591	1851	260	Salt		
1851	2110	259	Anhy. & Salt		
2110	2510	400	Anhy. & Salt		
2510	2775	65	Salt & Anhy.		
2775	2845	70	Dolo. - Anhy.		
2845	2900	55	Dolo. - Anhy.		
2900	2950	50	Dolo. w/anhy.		
2950	3015	65	Dolo. Anhy.		
3015	3065	50	Dolo. & Anhy.		
3065	3150	85	Dolo. & Anhy.		
3150	3210	60	Dolo. - Lime		
3210	3220	10	Lime		
3220	3242	22	Core #1 Lime		

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
3242	3252	10	Core #1 Lime
3252	3273	21	Core #2 Lime
3273	3283	10	Core #3 Lime

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.