

U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **029415(b)**

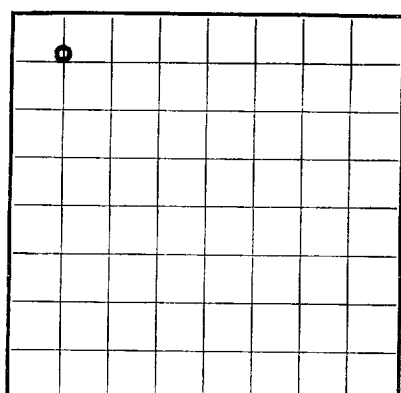
LEASE OR PERMIT TO PROSPECT

RECEIVED

UNITED STATES

DEPARTMENT OF THE INTERIOR **MAY 25 1960**

GEOLOGICAL SURVEY

O. C. C.
ARTESIA, OFFICE

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **William A. & Edward R. Hudson** Address **1810 Electric Building Fort Worth, Texas**
Lessor or Tract **Puckett "B"** Field **Maljamar** State **New Mexico**
Well No. **14** Sec. **25** T. **17S** R. **31E** Meridian **NMPM** County **Eddy**
Location **660** ft. **X** of **N** Line and **660** ft. **XX** of **W** Line of **Sec. 25** Elevation **3864** **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 **May 19th, 1960** Title **Joint Operator**

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

Commenced drilling **March 17th, 1960**, 19____ Finished drilling **April 26**, 19**60****OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from **3542** to **3548** No. 4, from **3720** to **3728**
No. 2, from **3561** to **3567** No. 5, from **3880** to **3894**
No. 3, from **3585** to **3591** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **3988** to **4,000** 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				631					
5 1/2	35.5#	8 rd	J 55	3994					Oil zones shown above perforated as shown

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	631	100			
5 1/2	3994	250 Sx 4% gel & 100 Sx neat			

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
Fraced	3880-94	with 10,200 gals oil & 11,500# sand				
Fraced	3720-28	with 10,000 gals oil & 11,000# sand				
Fraced	3542-91	with 20,000 gals oil & 25,000# sand in 2 stages				

TOOLS USED

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

Cable tools were used from **surface** feet to **4000** feet, and from _____ feet to _____ feet**PB to 3954****DATES**_____, 19____ Put to producing _____, 19**60**

The production for the first **6 1/2** was _____ barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **XX** % 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

H. Rickman _____, Driller **J. H. Pope** _____, Driller
H. T. Flynn _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Sand
30	130	100	Red Sandy Shale
130	150	20	Gravel
150	190	40	Gumbo
190	350	160	Red Shale
350	370	20	Sand
370	580	210	Red Sandy Shale
580	715	135	Anhydrite
715	780	65	Anhydrite & Shale
780	850	70	Salt & Red Rock
850	865	15	Salt & Red Shale
865	875	10	Anhydrite & Red Rock
875	890	15	Anhydrite
890	980	90	Salt
980	1045	65	Salt, Poly & Anhydrite
1045	1190	145	Salt
1190	1250	60	Salt & Anhydrite
1250	1570	320	Salt
1570	1590	20	Anhydrite
1590	1650	60	Salt & Poly
1650	1750	100	Salt
1750	1775	25	Anhydrite
1775	1815	40	Anhydrite & Red Shale
1815	1935	120	Anhydrite

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1935	1980	45	Anhydrite & shale
1980	2025	45	Anhydrite & shale
2025	2065	40	Anhydrite & shale
2065	2145	80	Anhydrite & shale
2145	2190	45	Anhydrite & shale
2190	2265	75	Anhydrite & shale
2265	2295	30	Anhydrite & shale
2295	2670	375	Anhydrite & shale
2670	2705	35	Anhydrite & Red shale
2705	2745	40	Anhydrite & Red Rock
2745	2785	40	Anhydrite
2785	2830	45	Anhydrite & shale
2830	2895	65	Anhydrite
2895	2960	65	Anhydrite & Sandy Red Rock
2960	2995	35	Anhydrite
2995	3055	60	Anhydrite & lime
3055	3090	35	Anhydrite
3090	3120	30	Anhydrite & lime
3120	3190	70	Anhydrite & Sand
3190	3220	30	Sand, Anhydrite & lime
3220	3250	30	lime & Anhydrite
3250	3280	30	Anhydrite
3280	3305	25	Anhydrite, shale & lime
3305	3590	285	Sandy lime
3590	3597	7	Sandy lime
3597	3724	127	lime
3724	3744	20	lime & shale
3744	3877	133	lime
3877	3894	17	Sandy shale
3894	3988	94	lime
3988	4000 TD	12	Soft 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.