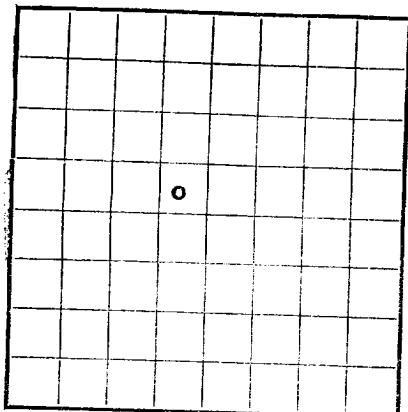


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029415(a)
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

RECEIVED UNITED STATES

NOV 8 1960 DEPARTMENT OF THE INTERIOR

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

NOV 16 1960

LOG OF OIL OR GAS WELL

Company William A. & Edward R. Hudson Address 1310 Electric Bldg., Ft. Worth, Texas
Lessor or Tract Puckett Field Maljamar State New Mexico
Well No. 20-A Sec. 24 T. 17-S R. 31-E Meridian NMPM County Eddy
Location 2515 ft. N of N Line and 2540 ft. E of W Line of Sec. 24 Elevation 3828 DF
(Derriet 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 November 8, 1960Title Consulting Engineer

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

Commenced drilling Sept. 19, 1960 Finished drilling Nov. 1, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3432 to 3492 No. 4, from _____ to _____
No. 2, from 3650 to 3660 No. 5, from _____ to _____
No. 3, from 3696 to 3716 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#	3-55		604					
5-1/2"	19.5#	3-55		3959			3650	3660	
							3696	3716	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	604	100			
5-1/2	3959	250 sacks 4% Gel plus 100 sacks 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
Frased perfs.	3650-3716	with 500 gallons acid plus 14,944 gallons refined oil				
plus 8270# sand.						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 3963 feet, and from _____ feet to _____ feet

DATES

Put to producing November 7, 1960
The production for the first 24 hours was 40 barrels of fluid of which 100 % 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

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	315		Surface sand and caliche. WHITE DRILLER'S
315	547		Redbed and sand. OF STATE
547	770		Anhydrite. OTHER FROM KL OR SAMPLES.
770	1760		Salt.
1760	2870		Anhydrite, shale, sand.
2870	2905		Red sand.
2905	3243		Anhydrite and sand.
3243	3616		Dolomite and sand.
3616	3770		Dolomite.
3770	3820		Sand and dolomite.
3820	3963		Dolomite.
EL TOPS			
T. Anhydrite	- 547	T. Grayburg	- 3243
T. Salt	- 770	T. San Andres	- 3616
B. Salt	- 1760		
T. Red Sand	- 2870		

