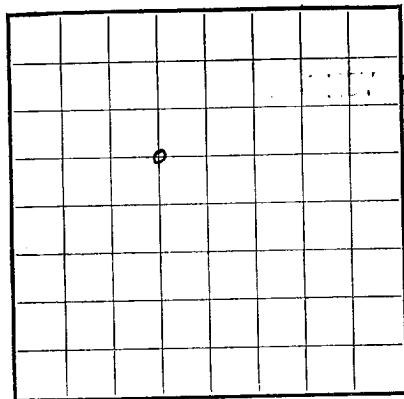


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **050107 (b)**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company T. F. Hodge, et al Address Fort Worth, Texas
Lessor or Tract Wills-Federal Field Jalmat State New Mexico
Well No. 2 Sec. 33 T. 26-S R. 37-E Meridian N.M.P.M. County Lea
Location 660 ft. ~~8~~ of 8 Line and 1980 ft. ~~W~~ of W Line of Sec. 33 Elevation _____
(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 LeRoy Lideon

Date November 18, 1958 Title Production Manager

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

Commenced drilling October 4, 1958 Finished drilling October 14, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3206 to 3213 No. 4, from _____ to _____
 No. 2, from 3221 to 3226 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from none 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	24#	8	Spang	618	-	none	none		
4 1/2	9.50#	8	Spang	330	Larkin	none	1206	3213	Production
							3221	3226	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	606'	325	Pump	9.0	Mud displaced
4 1/2	3425'	175	"	9.5	" "

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 3430 feet, and from _____ feet to _____ feet

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

DATES

-----, 19----- Put to producing -----~~November 11~~-----, 19-~~58~~-
The production for the first 24 hours was --90----- barrels of fluid of which 100--% was oil; --0--%
emulsion; --0--% water; and --0--% sediment. Gravity, °Bé. --35.6-----

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
0	1210	1210	Red beds, shale, anhydrite
1210	1360	150	Shale & anhydrite
1360	1440	80	anhydrite
1440	2910	1470	anhydrite and shale
2910	3080	110	Shale, sand, anhydrite
3020	3305	285	Shale, Shaley sand, anhydrite, sand
3305	3430	115	Shale streaks, lime, sand
	3430		Total Depth
TOP OF YATES FORMATION @ 3030'			

[OVER]

16--43094-4

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.

HISTORY OF OIL OR GAS WELL

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[illegible]