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 Unit

U. S. LAND OFFICE **Santa Fe, N. Mex.**  
 SERIAL NUMBER **LC 063246-B**  
 LEASE OR PERMIT TO PROSPECT \_\_\_\_\_


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NOV 20 1962 UNITED STATES

U. S. DEPARTMENT OF THE INTERIOR  
 ARTESIA, OFFICE GEOLOGICAL SURVEY

RECEIVED  
 NOV 19 1962  
 U. S. GEOLOGICAL SURVEY  
 ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Robert G. Hanagan Address P.O. Box 1737, Roswell, New Mexico  
 Lessor or Tract Phillips Federal Field Wildcat State New Mexico  
 Well No. 1 Sec. 19 T. 21S R. 24E Meridian N.M.P.M. County Eddy  
 Location 2310 ft. N. of N. Line and 1650 ft. E. of W. Line of Section 19 Elevation 3762 G.L.  
(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 Robert G. Hanagan

Date November 17, 1962 Title \_\_\_\_\_

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

Commenced drilling October 29, 1962 Finished drilling November 7, 1962

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

No. 1, from NONE to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from 60 to 70 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-	
	<u>NONE</u>								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
		<u>NONE</u>			

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
	<u>NONE</u>					

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from 0 feet to 500 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

P. & A. November 7, 1962. 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

\_\_\_\_\_, Driller Abbott Bros. Contractor, Driller  
 \_\_\_\_\_, Driller Hobbs, New Mexico, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	20	20	Caliche and Top Soil
20	105	85	Wht to Tan FG w/sl stn & tr dead oil Sand
105	195	90	Wht to crm fx to <u>Edy Dol</u> w/thin gry FG sd streaks
195	250	55	Solid crm to buff <u>dolo</u>
250	280	30	Yel-tinted, very sdy <u>dolo</u>
280	310	30	Buff to tan <u>dolo</u>
310	380	70	Yel-tinted lay FG consol <u>sd</u> top 30', red very hard sd within sdy dol strks bot 40'
380	405	25	Buff to tan sl sdy <u>dolo</u>
405	420	15	Red. FG hard consol <u>sd</u>
420	430	10	Wht to tan pistolithic <u>dolo</u> , pistolites in clusters
430	468	38	<u>dol</u> tinted red smyel & wht fx to dse
468	482	14	<u>sd</u> red, FG v. tight

FOLD MARK

U.S. GEOLOGICAL SURVEY  
 DEPARTMENT OF THE INTERIOR  
 WASHINGTON, D.C.

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

NO. 100-1001

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.

Well was plugged and abandoned November 7, 1962 in the upper San Andres formation. Well was plugged with 50% cement plug at total depth (450-500) w/25 ex, interval from 100 to 350 was filled w/gel mud, a 100' top plug (40-100') was set with 40 ex and 4 tools required marker placed at the surface. No casing was set, and no trouble was encountered in the drilling of this test. No electric log was run on this well.

HISTORY OF OIL OR GAS WELL

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FROM-	TO-	TOTAL FEET	FORMATION
482	500	18	Dolo wht to tan, drse w/yel & red tint
Sample Tops:			
Greyouts - 1951			
San Andres - 420'			