

			X				

LOCATE WELL CORRECTLY

ENCLOSURE

U. S. LAND OFFICE
SERIAL NUMBER **10 063246**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Robert G. Hanagan Address P. O. Box 1737, Roswell, New Mexico
Lessor or Tract Mills-Federal Field Wilicat State New Mexico
Well No. 1 Sec. 31 T21-S R24-E Meridian N.M.P.M. County Eddy
Location 920 ft. N. of E. Line and 312 ft. E. of E. Line of Section 31 Elevation 3823 GL
(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 Hugh E. Hanagan Title Geologist
Date January 22, 1962
The summary on this page is for the condition of the well at above date.

Commenced drilling November 23, 1962 Finished drilling December 12, 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 210 to 25 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

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 December 12, 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 Brothers-Contractor, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5	5'	Top Soil and Caliche
5	55	50'	Buff to Grm. Sil Dol w/Thin Gry Sd Strks
55	75	20'	Wht to Tan Lmy FG Sd
75	135	60'	Dol & Sd
135	165	30'	Dol, Wht Fr
165	176	11'	Wht Clean FG Sd
176	205	29'	Wht Fr Dol
205	240	35'	Wht to Tan FG Sd w/Sil. Strk, Tr dead oil
240	260	20'	Dol
260	395	135'	Wht Dol'tic Sd
395	430	35'	Red Hard Sd w/Thin Dol strks
430	455	25'	Dol., Sl Sdy
455	475	20'	Yel., Red Dol'tic F.G. Sd Tight
475	500	25'	Yel., Red Tinted Sl Sdy Dol

FROM-	TO-	TOTAL FEET	FORMATION
SAMPLE LOGS:	Grayburg - - - -	- 240	
	Fremler - - - -	- 455	
	San Andres - - -	- 475	
	- - - - -	- 475	

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. Well was P & A December 12, 1962 in Upper San Andres. Well plugged with 50' cement plug 425-475 (Fremler); 75' cement plug 175-240' (water zone); surface plug 0-30' with marker. No casing was set or mudded and no electric log run. No trouble encountered while drilling with cable tools.