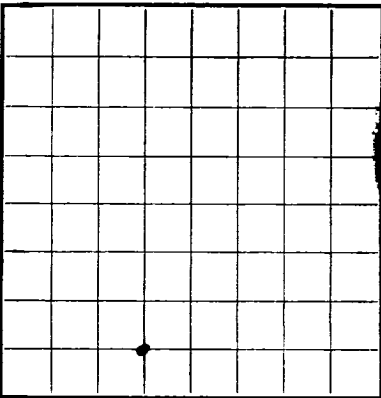
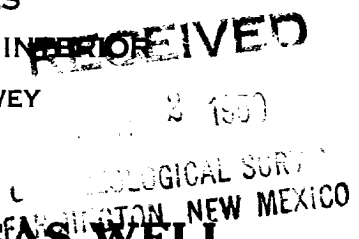




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **The Atlantic Refining Co.** Address **Box 520, Casper, Wyoming**
Lessor or Tract **Tribal (Navajo)** Field **Herschhoe Gallup** State **New Mexico**
Well No. **14** Sec. **32** T. **11N** R. **16W** Meridian **NMPM** County **San Juan**
Location **460** ft. ^[N.]_[S.] of **3** Line and **1980** ft. ^[E.]_[W.] of **W** Line of **Sec. 32** Elevation **5387** **OL**
(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 **12-29-58** Title **District Clerk**

The summary on this page is for the condition of the well at above date.
Commenced drilling **12-16-58**, 19____ Finished drilling **12-20-58**, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **113 1/2** to **117 1/2** No. 4, from _____ to _____
No. 2, from **121 1/2** to **125 1/2** No. 5, from _____ to _____
No. 3, from _____ to _____ 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	4	Big Mill	89.92	Baker				Surface
5 1/2	24	4	Watson	1283.2	locking	4 joints	113 1/2	117 1/2	Oil String
							121 1/2	125 1/2	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	97.92	115	pump-plug	9.2	
5 1/2	1290.34	130	pump-plug	9.2	

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 **1305** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **12-26-58**, 19____
The production **after lost oil recovered after fracture treatment** **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **41.0**
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	113 1/2		Gallup
113 1/2	1268		Juana Lopez
Treated perforations 113 1/2-117 1/2 and 121 1/2-125 1/2 with 24,000# 10/20 sand and 22,000 gals lease crude. Formation broke down 1700-900#. Average injection rate 40BPM			

