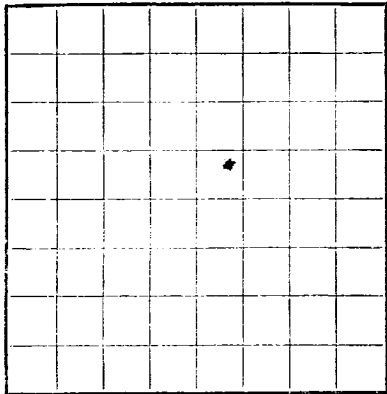
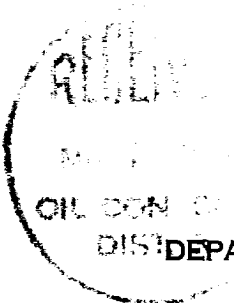




LOCATE WELL CORRECTLY



Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.
U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT **14-20-603-72**

OIL CON. OF UNITED STATES
DIST. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **The Atlantic Refining Co.** Address **Box 52, Casper, Wyoming**
Lessor or Tract **Tribal (Navajo)** Field **Horseshoe Gallup** State **New Mexico**
Well No. **43** Sec. **31** T. **31N** R. **16W** Meridian **NPM** County **San Juan**
Location **210** ft. **N** of **N** Line and **200** ft. **E** of **E** Line of **Sec. 32** Elevation **5356** 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 _____
Date **5-5-59** Title **District Clerk**

The summary on this page is for the condition of the well at above date.
Commenced drilling **4-19**, 19 **59** Finished drilling **4-25**, 19 **59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1127** to **1132** No. 4, from _____ to _____
No. 2, from **1137** to **1162** No. 5, from _____ to _____
No. 3, from **1253** to **1270** 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	26	8-24	Mc Gill	52.35	Ball				Surface
4-1/2	9.5	8-24	Mc Gill	1209.65	Lathe		1127	1132	Oil string
						2 Jets/Ft.	1137	1162	
							1253	1270	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	102.15	110	Pump - Plug	8.9	
4-1/2	1271.47	120	Pump - Plug	8.9	

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 **1320** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 19 **59** Put to producing _____ 19 **59**
The production for **first 24 hours** **122.76** barrels of fluid of which **53** % was oil; **59** %
emulsion; _____ % water; and _____ % sediment. **Pump Test** Gravity, °Bé. **11.0**
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	1092		Mancos
1092	1270		Gallup
First Fracture Treatment: Treated perforations 1253-1270 with 20,000# 10/20 sand & 10,710 gals. lease crude. Average treating pressure 1600# at 33.6 BPM.			
Second Fracture Treatment: Treated perforations 1137-1162 & 1127-1132 with 20,000# 10/20 sand & 8,106 gals. lease crude. Average treating pressure 1600# at 31.3 BPM.			

FOLD MARK

