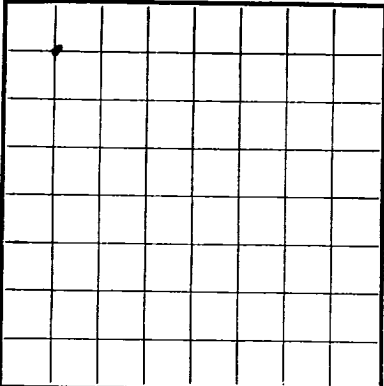


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company The Atlantic Refining Address Box 520, Casper, Wyoming
Lessor or Tract Tribal (Navajo) Field Horseshoe Gallup State New Mexico
Well No. 30 Sec. 11 T. 11N R. 16W Meridian N:PM County San Juan
Location 680 ft. S. of 11 Line and 701 ft. E. of W. Line of Sec. 11 Elevation 5591.201
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 2-6-59 Title District Clerk
The summary on this page is for the condition of the well at above date.

Commenced drilling 12-25-59, 19____ Finished drilling 1-30-, 1959

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

No. 1, from 1168 to 1177 No. 4, from _____ to _____
No. 2, from 1184 to 1187 No. 5, from _____ to _____
No. 3, from 1230 to 1236 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	26.0	4	11 1/2	10.15	11 1/2	2 1/2 in./ft.	1168	1177	Surface
5 1/2	18.5	4	11 1/2	11.8	11 1/2	4 1/2 in./ft.	1184	1187	Oil string
							1230	1236	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	98.00	115	pump-plug	9.0	
5 1/2	1296.85	130	pump-plug	9.0	

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

DATES

2-6, 1959 Put to producing 2-5, 1959
The production for the first 50 barrels of fluid of which 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	1125		Mancos
1125	1405		Gallup
1305			Juana Lopez
First Fracture Treatment Treated perforations 1230-1236 with 15,000# 10/20 sand and 7600 gallons lease crude. Average treating pressure 1200# at 33APM.			
Second Fracture Treatment Treated perforations 1168-1177 and 1184-1187 with 20,000# 10/20 sand and 16,800 Gallons lease crude. Average treating pressure 1300# at 36APM.			

