



LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER Santa Fe
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

VEC

JAN 27 1959

LOG OF OIL OR GAS WELL

Company The Atlantic Refining Co. Address Box 520, Casper, Wyoming
Lessor or Tract Tribal (Navajo) Field Ho usahoe Gallup State New Mexico
Well No. 18 Sec. 30 T. 11N R. 16W Meridian 11TH County San Juan
Location 660 ft. [N.] of 5 Line and 200 ft. [E.] of W Line of Sec. 30 Elevation 5817 ft. (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 1-23-59 Title District Clerk

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

Commenced drilling 1-6-59, 19____ Finished drilling 1-11-59, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1196 to 1198 No. 4, from 1297 to 1308
No. 2, from 1206 to 1230 No. 5, from 1297 to 1308
No. 3, from 1286 to 1288 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	API	API	97.00	Reamer				Surface
5 1/2	11.4	API	API	1138.02	Reamer				Oil string
						2 jets/ft	1186	1198	
							1206	1230	
							1286	1288	
							1297	1308	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	105.00	115	pump plug	9.0	
5 1/2	1345.02	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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 1357 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which 2-20-59 % was oil; _____ %
emulsion; _____ % water; and 17 % sediment. 100 Gravity, °Bé. 100

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. 41.00 gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1164		Mancos
1164	1340		Gallup
1340			Junta Lopez
First Fracture Treatment			
Treated perforations 1297-1308 and 1286-1288 with 15,000# 10/20 sand and 16,422 gallons lease crude. Average injection pressure 11,500# at 32 BP/H.			
Second Fracture Treatment			
Treated perforations 1206-1230 and 1196-1198 with 15,000# 10/20 sand and 12,490 gallons lease crude. Average injection pressure 1800# at 280/H.			