

U. S. LAND OFFICE

SERIAL NUMBER

~~LEADS OF THE~~ PROSPECT

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) Harshehoe Gallup New Mexico
 Well No. 47 Sec. 30 T. 34N R. 16E Meridian 1814 State San Juan
 Location 1980 ft. N. of N Line and 1980 ft. E. of 2 Line of Sec. 30 553.6
 (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 **5-18-59**

Title **District Clerk**

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

Commenced drilling 4-24-59, 1959 Finished drilling 5-13-59, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>1266</u> to <u>1292</u> No. 2, from <u>1390</u> to <u>1409</u> No. 3, from _____ to _____	No. 4, from _____ to _____ No. 5, from _____ to _____ No. 6, from _____ to _____
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IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	105.30	115	pump-plug	8.9	
4 1/2	1456.74	150	pump-plug	3.7	

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 1462 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

5-18-59, 19____ Put to producing 5-16-59, 19____
 The production for the first 24 hours was 138.74 barrels of fluid of which 100% was oil; ____%
 emulsion; ____% water; and ____% sediment. swab test 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

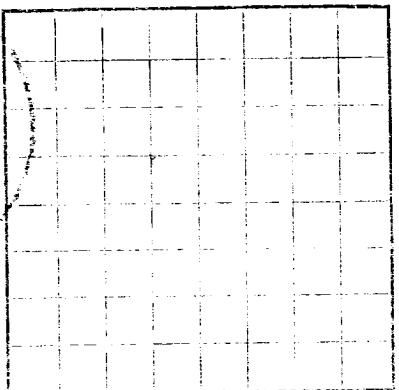
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0 1232 1417	1232 1417		Mancos Gallup Juana Lopez
First Fracture Treatment Treated perforations 1390-1409 with 20,000# 10/20 sand and 7465 gals lease crude. Average treating pressure 1450# at 27.2 BPH. Second Fracture Treatment Treated perforations 1266-1292 with 30,000# 10/20 sand and 10,100 gals lease crude. Average treating pressure 1350# at 29.9 BPH			
FROM—	TO—	TOTAL FEET	FORMATION

License on Permit to Prospect
General Number
U. S. Land Office

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company, for this well, is
Lessor or Tract
Well No. of Sec. of R. of T. of S. of E. of
Location of the well and of the line of
The information given herein is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed
Date
Title

The summary on this page is for the condition of the well at above date
Commenced drilling
Finished drilling

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from to
No. 2, from to
No. 3, from to
No. 4, from to
No. 5, from to
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to
No. 2, from to
No. 3, from to
No. 4, from to

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of running, 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 added, or left in the well, give its size and location. If the well has been damaged, give date, position, and number of shots. If pipes or bridges were put in to run for water, state kind of material used, position, and results of pumping or running.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE
10-48094-2

MUDGING AND CEMENTING RECORD

Weight of mud per foot
Weight of cement per foot
Kind of mud
Kind of cement
Amount
Make
Thrust per inch
Cut and pulled from
Reinforced
Remarks

TOOLS AND ADAPTERS

Adapter—Material
Floating pipe—Material

SHOOTING RECORD

Size
Shell used
Explosive used
Quantity
Date
Depth from
Depth to

TOOLS USED

Rotary tools were used from foot to foot
Cable tools were used from foot to foot

DATES

Put to producing
The production for the first 24 hours was
It gas well, on ft. per 24 hours
Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller
Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
10	15	5	Shale
15	20	5	Sandstone
20	25	5	Shale
25	30	5	Sandstone
30	35	5	Shale
35	40	5	Sandstone
40	45	5	Shale
45	50	5	Sandstone
50	55	5	Shale
55	60	5	Sandstone
60	65	5	Shale
65	70	5	Sandstone
70	75	5	Shale
75	80	5	Sandstone
80	85	5	Shale
85	90	5	Sandstone
90	95	5	Shale
95	100	5	Sandstone