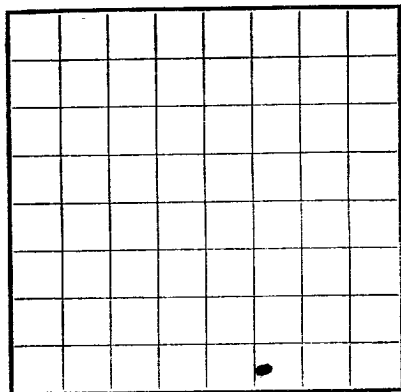
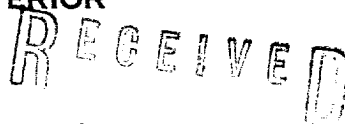




LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER Navajo Tribal
LEASE OR PERMIT TO PROSPECT
14-20-603-2022UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Atlantic Refining Co. Address Box 2197 Farmington, N.M.
Lessor or Tract Horseshoe Gallup Unit Field Horseshoe Gallup State New Mexico
Well No. 79 Sec. 14 T. 31N R. 17W Meridian NMPM County San Juan
Location 330 ft. N. of S Line and 1900 ft. W. of R Line of Sec. 14 Elevation 5957
(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 B. J. SartainDate February 25, 1963Title Drilling & Production Supv.

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

Commenced drilling 12-16-62, 19____ Finished drilling 12-19-62, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1473 to 1503 No. 4, from _____ to _____
No. 2, from 1576 to 1611 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 1/8	21.0	4	AMCO	1000	Open	1473	1503	1503	Water Injection
6 3/8	16.5	4	AMCO	1000	Open	1503	1611	1611	Water Injection
4 1/2	11.0	4	AMCO	1000	Open	1611	1611	1611	Water Injection
3 1/2	7.0	4	AMCO	1000	Open	1611	1611	1611	Water Injection
2 1/2	4.0	4	AMCO	1000	Open	1611	1611	1611	Water Injection
2 1/8	3.0	4	AMCO	1000	Open	1611	1611	1611	Water Injection
2	2.0	4	AMCO	1000	Open	1611	1611	1611	Water Injection
1 1/2	1.0	4	AMCO	1000	Open	1611	1611	1611	Water Injection
1 1/8	0.8	4	AMCO	1000	Open	1611	1611	1611	Water Injection
1	0.6	4	AMCO	1000	Open	1611	1611	1611	Water Injection
3/4	0.4	4	AMCO	1000	Open	1611	1611	1611	Water Injection
1/2	0.2	4	AMCO	1000	Open	1611	1611	1611	Water Injection
1/4	0.1	4	AMCO	1000	Open	1611	1611	1611	Water Injection

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/8	7.34	50	Pump & Plug		Cement Circulated
1 1/2	1676.55	110 + 2	Pump & Plug	9.4 #/gal	Annulus full

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 _____ feet to _____ feet, and from _____ feet to _____ feet

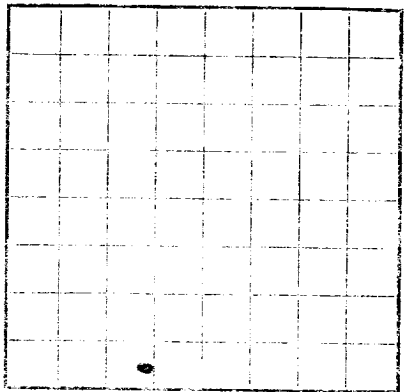
DATES

_____, 19____ Put to producing _____, 19____

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

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

Rock pressure lbs. per sq. in. _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company, Atlantic Refining Co.
Lessor or Trust, Atlantic Refining Co.
Well No., 214
Location, 1/2 Sec. 12, T. 31N., R. 15W., Meridian
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, B. J. Johnson

Date, February 22, 1905
The summary on this page is for the condition of the well at above date.
Commenced drilling, February 22, 1905
Finished drilling, February 22, 1905

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1502 to 1503
No. 2, from 1503 to 1504
No. 3, from 1504 to 1505

IMPORTANT WATER SANDS

No. 1, from 1505 to 1506
No. 2, from 1506 to 1507

CASING RECORD

Casing	Weight	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
							From	To

It is of the greatest importance to keep a complete history of the well. Please state in detail the dates of casing, 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 changed or left in the well, give the size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Casing	Weight	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
							From	To

PLUGS AND ADAPTERS

Heaving plug—Material
Adapters—Material
Size

SHOOTING RECORD

Shot	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleared out

TOOLS USED

Rotary tools were used from 1502 to 1503 feet, and from 1503 to 1504 feet.
Cable tools were used from 1504 to 1505 feet, and from 1505 to 1506 feet.

DATES

It gas well, cu. ft. per 24 hours
emulsion; 0 water; and 0 sediment
The production for the first 24 hours was
parts of fluid of which 0 was oil; 0
Put to producing 19
Gallons gasoline per 1,000 cu. ft. of gas
(Gravity, 86)