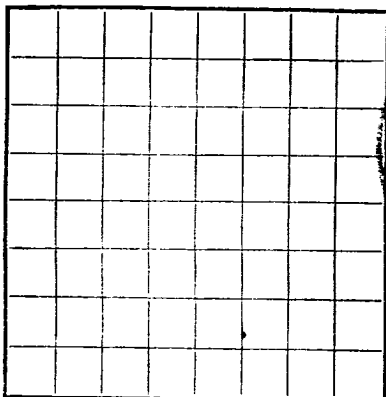
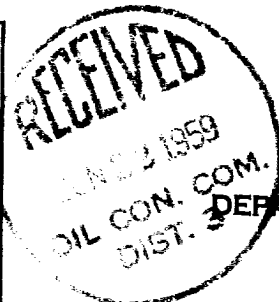




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

14-20-600-3531

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **The Atlantic Refining Co.** Address **Box 520, Casper, Wyoming**
Lessor or Tract **Marble Ute Mm. (Tribal)** Field **Horseshoe Gallup** State **New Mexico**
Well No. **15** Sec. **19** T. **31N** R. **16W** Meridian **MTN** County **San Juan**
Location **760** ft. ^[N.] of **1** Line and **1920** ft. ^[E.] of **1** Line of **Section 19** Elevation **5543.3** **OL**
(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.

Date **6-11-59** Signed **R. P. Curry** Title **District Clerk**

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

Commenced drilling **5-28**, 19**59** Finished drilling **6-5**, 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1299** to **1321** No. 4, from _____ to _____
No. 2, from **1419** to **1429** 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—	
8-5/8	102.99	115	115	115	115	115	115	115	115
6-5/8	100.22	115	115	115	115	115	115	115	115
HISTORICAL RECORD OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	102.99	115	Pop - Plug	8.8	
6-5/8	100.22	115	Pop - Plug	8.8	

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

6-11, 19**59** Put to producing **6-10**, 19**59**
The production for **1299-1429** was **12,000** gal. of **12/20** sand and **12,0%** gals. of **base crude**.
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **11.6**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

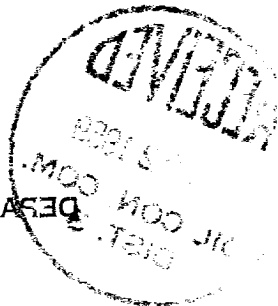
EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0 1264 1442	1264 1442		Huachu Gallup San Juan
First Fracture Treatment:			
Treated perforations 1299-1429 w/30,000' 12/20 sand and 12,0% gals. of base crude . Average treating pressure 1500 at 27 BPH.			
Second Fracture Treatment:			
Treated perforations 1299-1429 w/30,000' 12/20 sand and 12,0% gals. of base crude . Average treating pressure 1400 at 27.2 BPH.			
FROM—	TO—	COLLECTED	FORMATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

LOCATE WELL CORRECTLY

Commenced drilling _____ 1931 _____
 Finished drilling _____ 1931 _____
 The summary on this page is for the condition of the well at above date.
 Date _____ Title _____

(Derege's Law)

IMPORTANT WATER SANDS

CASING RECORD

U. S. GOVERNMENT PRINTING OFFICE 16-50894-2

HISTORY OF OIL OR GAS WELL

MIDDING AND CEMENTING RECORD		10-5004-2		U. S. GOVERNMENT PRINTING OFFICE
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MUDDING AND CEMENTING RECORD

Coating size	Where set	Number used to construct	Method used	Wind strength	Beam height to support of
2-1/2"	11-1-22	11	11-1-22	11	
2-1/2"	11-1-22	11	11-1-22	11	

PLUGS AND ADAPTERS

Having King - Alameda	1 month	10 days
Tablers - Alameda	2	2

SHOOTING RECORD

[illegible]

TOOLS USED

[illegible]

ЭТАФ

It was well on its way to being
 (phone) reaching 6-1,000 on 10 of gas
 (country) 1966
 The production for the first 10
 barrels of oil which was oil, 1966
 Put to production 1966

EMPLOYEES

rollinCl	rollinCl		
rollinCl	rollinCl		

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
1 1000 1000 1000	1000 1000 1000		

[illegible]

FORMATION RECORD—Continued