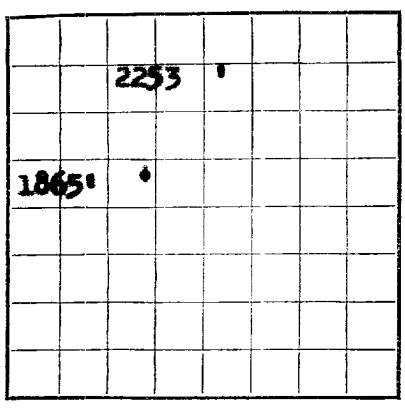
Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE _____

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT _____
14-20-600-3531



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF [redacted] WELL

Company The Atlantic Refining Company Address Box 2197, Farmington, New Mexico

Lessor or Tract Navajo - Ute Mtn. Field Many Rocks State New Mexico

Many Rocks

Well No. 1-W Sec. 17 T. 31N R. 16W Meridian NMPM County San Juan

Location 2253 ft. {N./S.} of N Line and 1865 ft. {E./W.} of W Line of Section 17 Elevation 5719
(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. Santarsie

Date August 28, 1964 Title Drlg. Prod. Supv.

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

Commenced drilling 3/21, 1964 Finished drilling 4/24, 1964

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1625 to 1635 No. 4, from _____ to _____

No. 2, from 1756 to 1766 No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2247 to 2441 No. 3, from 3435 to 3553

No. 2, from 2441 to 3435 No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
13 3/8	48#	8R	J & L	94.37	Float				Surface
8 5/8	36#	8R	CF & I	3608.11	Float		3428	3433	Production
							3445	3452	
							3482	3551	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	105.87	125 sx	Pump & Plug		Cmt. circulated
8 5/8	3617.86	845 sx	" "	9.8# gal	Annulus full

FOLD | MARK

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
Perforated 2 Jets/ft. as shown above.						

TOOLS USED

Rotary tools were used from Surface feet to 3644 T.D. feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing 6/25, 1964

The production for the first 24 hours was 4200 barrels of fluid of which 0 % was oil; 0 % emulsion; 100 % water; and 0 % 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. _____

EMPLOYEES

Whisman Drilling Company, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	310	310	Mesa Verde - Sand & shale
310	1593	1283	Mancos - Shale
1593	1771	178	Gallup (Niobrara)
			1625-1635 Upper Gallup Sand
			1756-1766 Lower Gallup Sand
1771	2105	324	Carlile (Juana Lopez)
2105	2175	70	Greenhorn
2175	2247	72	Graneros
2247	2441	194	Dakota
2441	3435	994	Morrison
3435	3553	118	Entrada
3553	3644 T.D.	91	?

16—43094-5

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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 "sidetracked" or left in the well, give its 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.

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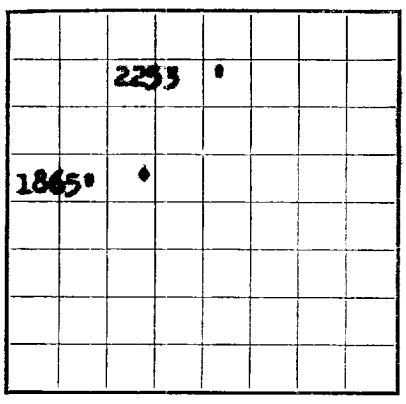

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