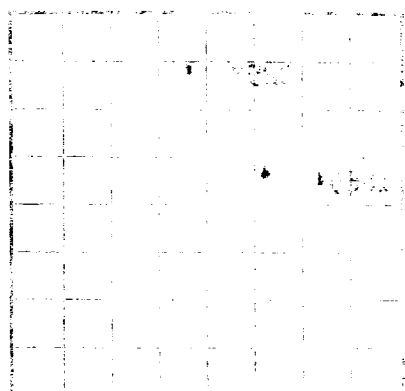


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NEW SAN FRANCISCO

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1. The above information was obtained from a review of the files of the [redacted] and [redacted] and is being furnished to you for your information. It is requested that you advise this Bureau of any further information received from the [redacted] and [redacted] which may be of interest to the [redacted] and [redacted].

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling and the reasons for the work and the results. If there were any changes made in the casing, state fully, and if any were made, give date, size, position, and results of dynamite. If the well has been dynamited, give date, size, position, and results of dynamite. If there were any changes made in the casing, state fully, and if any were made, give date, size, position, and results of dynamite. If the well has been dynamited, give date, size, position, and results of dynamite.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-48084-2

FROM-	TO-	TOTAL FEET	FORMATION
1000	950	50	CLAY
950	900	50	CLAY
900	850	50	CLAY
850	800	50	CLAY
800	750	50	CLAY
750	700	50	CLAY
700	650	50	CLAY
650	600	50	CLAY
600	550	50	CLAY
550	500	50	CLAY
500	450	50	CLAY
450	400	50	CLAY
400	350	50	CLAY
350	300	50	CLAY
300	250	50	CLAY
250	200	50	CLAY
200	150	50	CLAY
150	100	50	CLAY
100	50	50	CLAY
50	0	50	CLAY
0	0	0	CLAY

LOCATE WELL CORRECTLY

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

14-20-600-351

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

AUG 31 1964

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.LOG OF ~~WATER SUPPLY~~ WELLCompany The Atlantic Refining Company Address Box 2197, Farmington, New MexicoLessor or Tract Navajo - Ute Mtn. Field Many Rocks State New MexicoWell No. 1-W Sec. 17 T. 31N R. 16W Meridian NMNM County San JuanLocation 2253 ft. $\left\{ \begin{array}{l} N \\ S \end{array} \right\}$ of N Line and 1865 ft. $\left\{ \begin{array}{l} E \\ W \end{array} \right\}$ 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. SastaniDate August 28, 1964 Title Orig. Prod. Supv.

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

Commenced drilling 3/21, 19 64 Finished drilling 4/14, 19 64

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 3553No. 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		Purpose
							From—	To—	
13 3/8	42.4	8	J & J	94.39	Plug				Surface
8 5/8	32.4	8	J & J	368.11	Plug		3428	3435	Production
							3445	3452	
							3482	3553	

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 sz	Pump & Plug		Cut. circulated
8 5/8	3617.36	845 sz	" "	9.8# 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
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, 19 64The 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

William Sullivan, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	310	310	Mesa Verde - Sand & shale
310	1593	1283	Hance - Shale
1593	1771	178	Gallup (Niebrara)
			1625-1635 Upper Gallup Sand
			1756-1766 Lower Gallup Sand
1771	2105	324	Carlisle (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	"

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.

1. Name of well
2. Location of well
3. Name of operator
4. Name of driller
5. Name of owner
6. Name of geologist
7. Name of engineer
8. Name of chemist
9. Name of physicist
10. Name of biologist
11. Name of meteorologist
12. Name of astronomer
13. Name of geophysicist
14. Name of oceanographer
15. Name of atmospheric scientist
16. Name of environmental scientist

HISTORY OF OIL OR GAS WELL			
10-43004-2 U. S. GOVERNMENT PRINTING OFFICE			
FORMATION	TOTAL FEET	TO-	FROM-
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