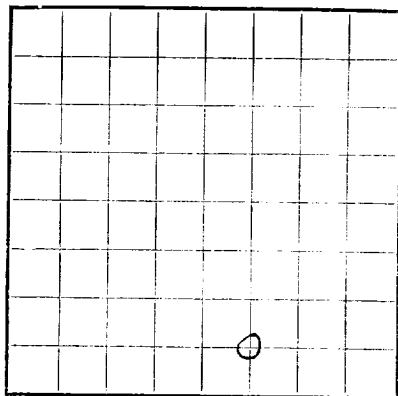


COPY TO C. C. .

U. S. LAND OFFICE **New Mexico**SERIAL NUMBER **03258**LEASE OR PERMIT TO PROSPECT **0**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYFEB 10 1953
U. S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **U.S. Smelting Refining & Mining Co.** Address **P.O. Box 1877, Midland, Texas**
Lessor or Tract **Kelly Fed. #03258** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **10** T. **23** R. **23** Meridian **4th Std. Par. S.** County **Eddy**
Location **660** ft. **N.** of **S** Line and **1980** ft. **E.** of **E** Line of **Section** Elevation **4086**
(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 **February 6, 1953**Title **Production Superintendent**

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

Commenced drilling **December 20**, 19 **52** Finished drilling **February 5**, 19 **53**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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

IMPORTANT WATER SANDS

No. 1, from **130** to **140** No. 3, from **2048** to **2059**
No. 2, from **618** to **625** 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—	
10 3/4	36	8 rd	Youngs town	547	Baker	Pulled			
8 5/8	32	8 rd	National	1253	Baker	Pulled			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	547		Halliburton		12 sacks Aquagel
8 5/8	1253		Halliburton		14 sacks Aquagel

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 **0** feet to **2108** feet, and from _____ feet to _____ feet

DATES

December 20, 19 **52** **Plugged** **February 5**, 19 **53**
~~Decommissioning~~

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. _____

EMPLOYEES

W. D. Walker _____, Driller **J. O. Stewart** _____, Driller

D. M. Jenkins _____, Driller **J. T. Powell** _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	45	45	Gravel
45	75	30	Anhy and lime
75	100	25	Shale
100	120	20	gyp and anhy
120	130	10	Red rock
130	140	10	Sand (Water
140	185	45	lime
185	212	27	Sandy lime
212	481	169	Lime
481	503	22	Sandy lime
503	560	57	Lime
560	592	32	Sandy lime
592	677	65	Lime
677	741	64	Sandy lime
741	773	22	Lime
773	810	37	Sand & lime
810	844	34	Lime
844	870	26	Sand & lime
870	944	74	Lime
944	1070	126	Sandy lime
1070	1090	20	Gray sand
1090	1109	19	Blue mud & sand
1109	1147	38	Lime
1147	1155	8	Sand
1155	1170	15	Sand & lime
1170	1190	20	Grey lime

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1190	1205	15	Sand
1205	1220	15	Black lime
1220	1243	23	Sand & lime
1243	1290	47	Black lime
1290	1312	22	Dark sandy lime
1312	1330	18	Black lime
1330	1356	26	Sand & lime
1356	1376	20	Lime
1376	1408	32	Sand & lime
1408	1427	19	Lime
1427	1450	23	Sand & lime
1450	1485	35	Lime
1485	1520	35	Sandy lime
1520	1570	50	Lime
1570	1664	94	Sandy lime
1664	1679	15	Sandy lime
1679	1753	74	Lime
1753	1822	69	Sandy lime
1822	1851	29	Lime
1851	1866	15	Lime & chert
1866	1875	9	Broken lime
1875	1890	15	Grey lime
1890	1900	10	Sand
1900	1915	15	Sandy lime
1915	1945	30	Broken lime
1945	2063	78	Grey lime
2063	2078	15	Dolomite
2078	2088	10	Brown lime
2088	2108	20	Sand Total depth

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, 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

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