



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

1955 JUN 5 AM 10:20
WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

United States Smelting Refining and Mining Company

Superior State

(Company or Operator)

(Lease)

Well No. **1** in **SE** 1/4 of **10N** 1/4 of Sec. **36**, T. **13-N**, R. **22-E**, NMPM.

Well is **2310** feet from **North** line and **2310** feet from **East** line of Section **36**. If State Land the Oil and Gas Lease No. is **E-7481-1**.

Drilling Commenced **February 11**, 19**55**. Drilling was Completed **May 23**, 19**55**.

Name of Drilling Contractor **Lee Brown Drilling Company**

Address **Continental Life Building, Fort Worth, Texas**

Elevation above sea level at Top of Tubing Head **4557'**

The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from **10,010** to **12,320** (Oil)
No. 2, from **12,320** to **12,340** (Oil)
No. 3, from **12,340** to **12,350** (Oil)
No. 4, from **12,350** to **12,360** (Oil)
No. 5, from **12,360** to **12,370** (Oil)
No. 6, from **12,370** to **12,380** (Oil)

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **12,320** to **12,330** feet. **No sands recovered appreciable water**
No. 2, from **12,330** to **12,340** feet.
No. 3, from **12,340** to **12,350** feet.
No. 4, from **12,350** to **12,360** feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
3-1/2"	40	New	12338	Regular	12338	12338-12344	Production
2-3/4"	30	New	12344	Regular	12344		Production
2-1/2"	20	New	12350	Regular	12350		Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
3-1/2"	3-1/2"	12338	100	Plug		
2-3/4"	2-3/4"	12344	100	Plug		
2-1/2"	2-1/2"	12350	100	Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Natural Completion.

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.....
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Result of Production Stimulation

ILLEGIBLE

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 12356 feet, and from ----- feet to ----- feet.
 Cable tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet.

PRODUCTION

Put to Producing May 31, 1956
 OIL WELL: The production during the first 24 hours was 429 barrels of liquid of which 100 % was oil; ----- % was emulsion; ----- % water; and ----- % was sediment. A.P.I. Gravity 48
 GAS WELL: The production during the first 24 hours was ----- M.C.F. plus ----- barrels of liquid Hydrocarbon. Shut in Pressure ----- lbs.
 Length of Time Shut in -----

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy. <u>1470</u>	T. Devonian <u>12310</u>	T. Ojo Alamo.....	
T. Salt <u>1500</u>	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt <u>2310</u>	T. Montoya.....	T. Farmington.....	
T. Yates <u>2397</u>	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers <u>2550</u>	T. McKee.....	T. Menefee.....	
T. Queen <u>3135</u>	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg <u>3790</u>	T. Gr. Wash.....	T. Mancos.....	
T. San Andres <u>3880</u>	T. Granite.....	T. Dakota.....	
T. Glorieta <u>5240</u>	T.	T. Morrison.....	
T. Drinkard.....	T.	T. Penn.....	
T. Tubbs <u>6640</u>	T.	T.	
T. Abo <u>7415</u>	T.	T.	
T. Penn <u>9250</u>	T.	T.	
T. Miss <u>11420</u>	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	40	40	Caliche	7800	8640	840	Abo Dolomite
40	200	160	Sand & Shale	8640	9250	610	Wolfcamp Lime
200	1470	1270	Red Beds	9250	11420	2170	Penn. Lime, Shale & Sand
1470	1500	30	Anhydrite	11420	12256	836	Mississippian Lime
1500	2310	810	Salt & Anhydrite	12256	12310	54	Woodford Shale
2310	2397	87	Tansill Anhydrite	12310	12356	46	Devonian Dolomite.
2397	2550	150	Yates Sand		12356		Total Depth
2550	3135	585	Seven Rivers Anhydrite				
3135	3250	115	Queen Sand				
3250	3790	540	Anhydrite				
3790	3880	90	Grayburg Dolo. & Anhydrite				
3880	5240	1360	San Andres, Dolo. & Lime				
5240	5540	300	Glorieta Sand				
5540	6640	1100	Clearfork Dolo.				
6640	6840	200	Tubb Sand				
6840	7415	575	Tubb Dolomites				
7415	7800	395	Abo Shales				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

June 4, 1956

Company or Operator United States Smelting Refining and Mining Company Address Post Office Box 1877, Midland, Texas
 Name W. W. Davis Position or Title Production Superintendent