

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY United States Smelting Refining and Mining Company Post Office Box 1877 Midland, Texas
(Address)

LEASE State 22-35 WELL NO. 1-36 UNIT K S 36 T 22-S R -35-E
DATE WORK PERFORMED July 16, 1958 POOL Jalmat
August 1, 1958

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off
☐ Beginning Drilling Operations ☐ Remedial Work
☐ Plugging ☒ Other Completion Report

Detailed account of work done, nature and quantity of materials used and results obtained.

SEE ATTACHED

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____
Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____
Perf Interval (s) _____
Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____	_____	_____

(Company)

OIL CONSERVATION COMMISSION

Name _____
Title _____
Date _____

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name W. W. Davis
Position Production Superintendent
Company United States Smelting Refining and Mining Company

July 16, 1958

July 18, 1958

3914' Moving in Drilling Unit.

3914' Preparing to perforate 5-1/2" casing. Drilled cement to 3888'.

3914' PB. 3888'. Preparing to open well. Perforated 5-1/2" casing 3780-3784', 3790-3793', 3796-3802', and 3834-3858'. Total 37' with 4 shots per foot. (148 holes). Acidized perforations with 500 gallons acid. Sand fraced in three stages. 1st stage. used 15,000 gallons frac oil and 15,000 lbs sand. Formation broke at 1800 lbs pressure. Maximum treating pressure 1450 lbs. Minimum treating pressure 1350 lbs. Average injection rate 23-1/2 barrels per minute with 3 trucks part time. One truck broke down, finished job with two trucks. Shut down dropped 70 sealer balls into well. 2nd stage: Used 5,000 gallons frac oil and 5,000 lbs sand. Maximum treating pressure 1450 lbs. Minimum treating pressure 1350 lbs. Average injection rate 18 barrels per minute. Shut down dropped 50 sealer balls into well. 3rd stage: Used 5,000 gallons frac oil and 5,000 lbs. sand. Maximum treating pressure 1450 lbs Minimum treating pressure 1350 lbs. Average injection rate 20.8 barrels per minute. Total sand frac treatment 25,000 gallons frac oil and 25,000 lbs. sand. Flushed with 450 barrels crude oil. Total load 1,050 barrels. Shut well in overnight.

July 19, 20, & 21, 1958 3914' PB. 3888'. Swabbing. 7-19-58 opened well flowed 14 barrels load oil and died. Swabbed 250 barrels load oil and 100 barrels water. Had recovered 200 barrels load oil before water appeared. Swabbing 3300' from surface. 7-20-58 swabbed 24 hours 66 barrels load oil 219 barrels water. Swabbing 3500' from surface. 7-21-58 swabbed 18 hours 29 barrels oil and 304 barrels water. Total load recovered 359 barrels.

July 22, 1958 3914' PB. 3888'. Continuing to swab. Swabbed 18 hours 28 barrels load oil and 330 barrels water. 662 barrels load oil yet to recover.

July 23, 1958 3914' PB. 3888'. Shut in. Waiting on orders. Ran Lane Wells Tracer Log.

July 24, 1958 3914' PB. 3888'. Waiting on cement. Cement squeezed perforations with 200 sacks regular cement. Maximum pressure 1200 lbs. Minimum pressure 1000 lbs.

July 25, 1958 3914' PB. 3888'. Waiting on cement. Stage No. 2: cement squeezed perforations with 150 sacks mixed half & half with pozmi. Maximum pressure 1700 lbs. Minimum pressure 1000 lbs. Job completed at 1: p.m. 7-24-58. Stage No. 3: cement squeezed perforations with 100 sacks mixed half & half with pozmi plus 50 sacks latex cement. Maximum pressure 3500 lbs. Minimum pressure 1000 lbs. Job completed at 11:00 p.m. 7-24-58.

July 26, 27, & 28, 1958 3914' PB. 3888'. Preparing to re-perforate. Drilled cement to 3888'. Tested squeeze job, O. K. Hole dry.

July 29, 1958	3914' PB. 3888'. Preparing to swab. Re-perforated 5-1/2" casing 3780-84', 3790-93', 3796-3802', and 3834-3858' with four shots per foot. Acidized with 500 gallons. Sand fraced in three stages. 1st stage used 15,000 gallons frac oil and 15,000 lbs. sand. Maximum treating pressure 2250 lbs. Minimum treating pressure 2,000 lbs. Average injection rate 29.6 barrels per minute. Shut down dropped 75 sealer balls into well. 2nd stage: Used 5,000 gallons frac oil and 5,000 lbs. sand. Maximum treating pressure 2100 lbs. Minimum treating pressure 2,000 lbs. Average injection rate 32 barrels per minute. Shut down dropped 50 sealer balls into well. 3rd stage: Used 5,000 gallons frac oil and 5,000 lbs. sand. Maximum treating pressure 2100 lbs. Minimum treating pressure 1950 lbs. Average injection rate 35 barrels per minute. Total sand frac treatment 25,000 gallons frac oil and 25,000 lbs. sand. Flushed with 480 barrels crude. Total load 1,080. barrels.
July 30, 1958	3914' PB. 3888'. Continuing to swab. Swabbed 22 hours 182 barrels load oil, last 14 hours 32 barrels. No show of water. 898 barrels load yet to recover.
July 31, 1958	3914' PB. 3888'. Waiting on orders. Swabbed 24 hours 33 barrels load oil. Last 13 hours 12 barrels. 865 barrels yet to recover.
August 1, 1958	3914' PB. 3888'. Shut down. Waiting to pull casing to plug and abandon.