

U. S. LAND OFFICE Jicarilla Tribal
SERIAL NUMBER Contract No. 72
LEASE OR PERMIT TO PROSPECT -----

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

United States Smelting
Refining & Mining Co.

Company _____ Address **350 Colorado National
Bank Bldg., Denver 2, Colo.**

Lessor or Tract **SICARILLO** Field **Wildcat** State **New Mexico**

Well No. **3-2** Sec. **2** T. **23N** R. **4W** Meridian **NMPN** County **Rio Arriba**

Location **415** ft. **N.** of **S.** Line and **745** ft. **E.** of **W.** Line of **Section 2** Elevation **7324** KB
(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.

Date Aug. 3, 1956 Title Petroleum Engineer

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

Commenced drilling May 20, 1956. Finished drilling May 31, 1956.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3080 to 3102 (G) 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 _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

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—	
9-5/8"	36	8	CF 11	145	Guide				Surface csg.
7"	23	8	Yngsta	153					
	20	8	CF 11	3154	Guide		3080	3152	Prod. casing
							3122	3136	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	152	100	2 plug / pump		
7"	3211	100	2 plug / pump		

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 0 feet to 3211 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 5, 1956 Put to producing No pipe line, 19

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 160 MCF Gallons gasoline per 1,000 cu. ft. of gas -----
on a 3 hour blow down through casing
Rock pressure, lbs. per sq. in. 553 psi after 21 days shut in

EMPLOYEES

-----~~LeRoy Overley~~-----, Driller -----, Driller
-----~~J. L. Copeland~~-----, Driller -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3076	3211	135	Pictured Cliffs

DEPARTMENT OF THE INTERIOR

REVISED 10/20/2009

Perforations were acidized with 500 gallons of acid and acid and formation broke from 1000 psi to 200 psi. Acid and lost water was swabbed back. Gas was too small to measure. Perforations were traced with 21,040 gallons of water and 27,500 lbs. of 20-40 sand at injection pressure of 800 psi and rate of 47 bbls. per minute. Water was swabbed down to perforations. Gas was too small to measure. Operations were suspended for 3 days at the end of which time no water had come into hole and gas was too small to measure. Well was then shut in for five days. The five day shut in pressure was 150 psi and water level was found to be at 900 ft. Swabbed at rate of 5 bbls. per minute from 100 to 310 MOPU.

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.

HISTORY OF OIL OR GAS WELL

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