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PRINTED: 12/04/2001

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: HARDSHELL

ALTERNATE NAMES:  
CALIFORNIA CLAIM

SANTA CRUZ COUNTY MILS NUMBER: 17C

LOCATION: TOWNSHIP 23 S RANGE 16 E SECTION 4 QUARTER SE  
LATITUDE: N 31DEG 27MIN 22SEC LONGITUDE: W 110DEG 43MIN 12SEC  
TOPO MAP NAME: HARSHAW - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:  
MANGANESE  
SILVER

BIBLIOGRAPHY:  
ADMMR HARDSHELL FILE  
USBM IC 7990  
AZ GEO SOCIETY DIGEST VOL. 15, P. 199-217

HARDSHELL MINE

ABM Bull 191, Pg. 58, T23S, R16E, Sec. Cen 4 Protracted.

ABM Bull. 125 p. 85

ABM Bull. 127 p. 91

ABM Bull. 140 p. 100

USGS Bull. 582 p. 265

USGS Bull. 710-D p. 120

IC 7990 p. 170

E&MJ Vol 165 No. 9 Sept. 1964 p. 134

Trench Mill (file)

Eagle-Picher (geology file) (George M. Fowler report)

Arizona Mining Journal issue of June 1919 p. 80

Jan 1920 p. 42, Feb. 1920 p. 44, March 1920 p. 24

June 1920 p. 40

See map in geology drawer

See: Eagle-Picher Confidential Files "H" also  
Big Jim (Blue Nose) report "B"

See: IC 8889, "Manganese Availability-Domestic"

Arizona Geological Society Digest, Vol 15, p. 199-217

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

INFORMATION FROM MINE CARDS IN MUSEUM

ARIZONA

SANTA CRUZ COUNTY

HARDSHELL MINE

MILS # 17C

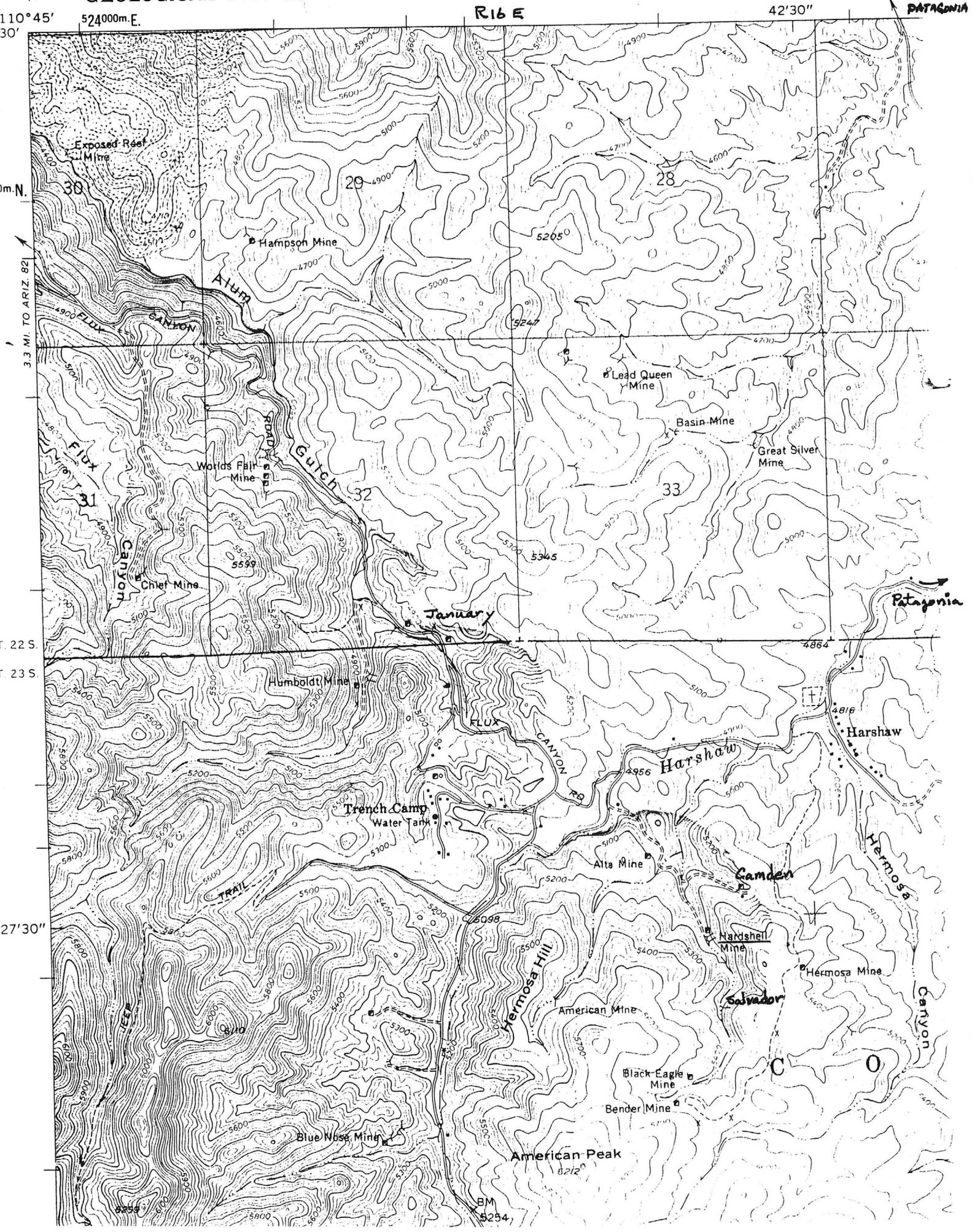
1-AKA

Hardshell (old)

MM-L556 Pyromorphite on quartz  
L 589 Pyromorphite

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Harsho 7 1/2' Quad.



1  
#1310

UNITED STATES BANKRUPTCY COURT  
SOUTHERN DISTRICT OF TEXAS  
CORPUS CHRISTI DIVISION

|                             |   |                      |
|-----------------------------|---|----------------------|
| In re:                      | § | Case No. 05-21207    |
| ASARCO LLC, <i>et al.</i> , | § | Chapter 11           |
|                             | § |                      |
| Debtors.                    | § | Jointly Administered |
|                             | § |                      |

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**ORDER APPROVING THE SALE OF ASARCO LLC'S HARDSHELL MINE  
PROPERTY FREE AND CLEAR OF LIENS,  
CLAIMS, ENCUMBRANCES AND OTHER INTERESTS**

Upon the motion (the "Sale Motion") of ASARCO LLC ("ASARCO" or the "Debtor") requesting entry of an order (the "Order"), pursuant to sections 105, 363, and 1146 of the United States Bankruptcy Code (the "Bankruptcy Code") and Rules 6004 and 6006 of the Federal Rules of Bankruptcy Procedures (the "Bankruptcy Rules") authorizing and approving (a) the sale of certain patented lode mining claims and certain unpatented lode mining claims, located in Santa Cruz, Arizona (the "Property") described in and pursuant to the terms and conditions of an executed Purchase and Sale Agreement dated October 28, 2005 (the "Agreement") by and between the Debtor and Arizona Minerals, Inc. (the "Buyer"), subject to higher and better offers; (b) the sale to the Buyer of the Property, free and clear of liens, claims, encumbrances and other interests; and (c) the consummation of the transactions contemplated therein; and the Bidding Procedures Order (as defined herein) having been entered on January 10, 2006; and the Debtor having solicited competing bids in accordance with the procedures set forth in the Bidding Procedures Order, but having received none; and a hearing on the Sale Motion having been held on February 3, 2006 (the "Sale Hearing"), and the Court having jurisdiction to consider and determine the Sale Motion in accordance with 28 U.S.C. §§ 157 and 1334; the Court having considered the representation of counsel that the objection of the Arizona

## PURCHASE AND SALE AGREEMENT

THIS PURCHASE AND SALE AGREEMENT (the "Agreement") is entered into by and between ARIZONA MINERALS INC., a Nevada corporation (the "Buyer") and ASARCO LLC, a Delaware limited liability company, successor in interest to ASARCO Incorporated (the "Seller") as of this 23 day of October 2005.

In consideration of the mutual covenants set forth herein, the Initial Payment deposited in connection with this Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and confessed by Seller, the parties agree as follows:

### 1. SALE AND PURCHASE.

Seller agrees to sell, transfer, convey, and assign to Buyer, and Buyer agrees to purchase and accept from Seller, for the Purchase Price (as hereinafter defined), on and subject to the terms and conditions herein set forth, those certain patented lode mining claims ("Patented Claims") and those certain unpatented lode mining claims ("Unpatented Claims") located in the County of Santa Cruz, State of Arizona and more particularly described on Exhibit A, attached hereto and incorporated herein by reference for all purposes (collectively, the "Property"), together with all rights and interests appurtenant thereto, subject to any and all matters of record.

### 2. PURCHASE PRICE.

The purchase price for the Property (the "Purchase Price") shall be \$(U.S.)8,500,000.00 and shall be payable as follows:

2.1 Consideration. Upon execution of this Agreement, Buyer shall deliver to Escrow Agent for the benefit of Seller a payment of \$(U.S.)250,000.00 by cash, check, cashier's check or wire transfer of funds (the "Initial Payment").

2.2 At Close of Escrow. On or before the Closing Date, Buyer shall deliver to the Title Company for the account of Seller:

- (i) The sum of \$(U.S.)3,750,000.00, in cash or funds immediately available, in addition to the Initial Payment, and increased or reduced by such funds as are required to take into account the prorations and other adjustments required by this Agreement; and
- (ii) Buyer shall execute and deliver a promissory note in the amount of \$(U.S.)4,500,000.00, in the form attached hereto as Exhibit B (the "Note"). The Note shall be secured by a deed of trust secured by the Property and recorded at the Closing (the "Deed of Trust"), a copy of which is attached hereto as Exhibit C.

**EXHIBIT A**

**PROPERTY**

**Patented Claims**

The following patented mining claims are located in the Harshaw Mining District,  
Santa Cruz County, Arizona and are described as follows:

| Claim Name       | Recorded Patent Number | Survey Number | Santa Cruz County Records       | Section | Township and Range |
|------------------|------------------------|---------------|---------------------------------|---------|--------------------|
| Camden Mine      | 1211192                | 4460          | Doc. 25, page 30                | 3 & 10  | T23S, R16E         |
| Camden No. 2     | 1211192                | 4460          | Doc. 25, page 31                | 3 & 10  | T23S, R16E         |
| Hardshell No. 1  | 1211192                | 4460          | Doc. 25, page 32                | 3 & 10  | T23S, R16E         |
| Hardshell No. 15 | 1211192                | 4460          | Doc. 25, page 33                | 3 & 10  | T23S, R16E         |
| Hermosa          | 10278                  | 499           | Book 88, page 469               | 3 & 10  | T23S, R16E         |
| Salvador         | 10614                  | 498           | Book 88, page 482               | 3 & 10  | T23S, R16E         |
| Bluff            | 10279                  | 500           | Book 88, page 467               | 3 & 10  | T23S, R16E         |
| Aita             | 8635                   |               | Deed of Mines Book 17, page 213 | 4       | T23S, R16E         |

**TOTAL OF EIGHT PATENTED MINING CLAIMS (Approx. 135 acres)**

**Unpatented Claims**

The following contiguous group of unpatented claims is situated in the Harshaw Mining District,  
Santa Cruz County, Arizona. The Location Notices of which are of record in the office of the  
County Recorder of Santa Cruz County, Arizona. All of said claims are located in  
Sections 4, 9, and 16, Township 23 South, Range 16 East, G&SRB&M

| Claim Name  | Docket | Page Nos. | BLM Serial No. AMC |  |
|-------------|--------|-----------|--------------------|--|
| Shell 1-20  | 58     | 135-153   | 51409 - 51428      |  |
| Shell 44-49 | 81     | 211-217   | 51452 - 51457      |  |

**TOTAL OF 26 UNPATENTED FEDERAL MINING CLAIMS (Approx. 486 acres)**

**EXHIBIT B**

**PROMISSORY NOTE**

(Secured by Deed of Trust, Assignment of Rents, Security Agreement and Fixture Filing)

\$(U.S.)4,500,000.00

\_\_\_\_\_, 2005  
Phoenix, Arizona

For value received, **ARIZONA MINERALS INC.**, a Nevada corporation ("**Borrower**"), whose mailing address is Suite 3123 Three Bental Center, 595 Burrard Street, Vancouver, B.C. V7X 1J1, does hereby promise to pay to the order of **ASARCO LLC**, a Delaware limited liability company, whose mailing address is 1150 N. 7<sup>th</sup> Avenue, Tucson, Arizona 85705 ("**Lender**"), the principal sum of Four Million Five Hundred Thousand Dollars (\$(U.S.)4,500,000.00) (the "**Principal Amount**"), or so much thereof as may be outstanding, together with default interest thereon from the date hereof, in lawful money of the United States of America as provided below.

1. Definitions.

- 1.1 "**Default Rate**" means sixteen percent (16%) per annum.
- 1.2 "**Loan Documents**" means the Note, the Deed of Trust, the Purchase Agreement, and any amendments, addendums or revisions thereto.
- 1.3 "**Property**" consists of the patented lode mining claims and the unpatented lode mining claims described on Exhibit A attached hereto.
- 1.4 "**Purchase Agreement**" means that certain Purchase and Sale Agreement, as may be amended, dated as of \_\_\_\_\_, 2005.
- 1.5 "**Maturity Date**" means the first anniversary of the Closing Date of the Purchase Agreement.

2. Calculation and Payment of Principal and Interest. Principal and interest shall be calculated and payable as follows:

- 2.1 Calculation of Interest. Notwithstanding anything contained in this Note to the contrary, no interest shall be due or payable except upon the occurrence of an Event of Default (defined below). All default interest referred to herein (the "**Interest**") shall be calculated on the basis of a three hundred sixty (360) day year consisting of twelve (12) thirty (30) day months. Interest shall accrue at the Default Rate per annum on the unpaid Principal Amount and on any late charges during any period of time during which an Event of Default is in existence and remains uncured.

HARDSHELL MINE

SANTA CRUZ COUNTY

MG WR 3/21/86: The Hardshell deposit (Harshaw mining district) Santa Cruz Co is reported to contain a silver reserve in excess of 50,000,000 ounces.

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NJN WR 6/24/88: Al Smith of Leadville Silver & Gold called and reported that Jim Reynolds and Fred Bender, one of whom was formerly with Climax, are his metallurgists. He reports he has developed a process that deals effectively with refractory silver manganese ores. The process is similar to that developed by the US Bur of Mines. He has been working on ore from Asarco's Hardshell Mine (file) Santa Cruz County on which he can obtain a 98% recovery. A patent was applied for and was due in June but modifications have been made to the procedure so the patent will be delayed. Asarco and Hazen are duplicating the work to confirm the results. He reported he has an agreement with Asarco to process their material. He would like our assistance in locating additional deposits with similar characteristics. I passed along a few and suggested he visit to supply us with details.

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HARDSHELL MINE

SANTA CRUZ COUNTY

Mr. McFarland reported that the Hardshell mine is not working now. He stated that he expects to do development work in the Hardshell later on. ALJ 5-5-65

C O P Y

HARDSHELL MINE

SANTA CRUZ COUNTY  
HARSHAW DISTRICT

This property is owned by the American Smelting and Refining Co.  
Part of the claims are patented. Property has been idle since  
about 1949. Water for the Trench Mill, operated by McFarland and Nash  
(formerly A. S. & R. Co.), is obtained from the Hardshell shaft. It is  
in the Harshaw District.

ALJ  
Letter to Chas. H. Dunning  
dated Apr. 13, 1959

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See: U.S.G.S. Bulletin #582 p 265

*Memo to Associate Director--Research, Subject: July Monthly Report*

project and will accept coal that was transported through the air-lift hydrohoist model. This would eliminate the need for the Bureau to purchase coal dewatering equipment. In addition, both organizations are currently using coal that meets Bureau size and quality standards.

Systematic Support and Design of Coal Mine Openings: The purpose of this research is to apply practical ground control knowledge to the design of coal mine openings and support systems by incorporating automated data collection and analysis techniques into a knowledge-based expert system.

Installation of instruments to monitor Panel No. 2 at the Cyprus-Yampa Valley Coal Corp., Foidel Creek Mine, Oak Creek, CO, was completed. In cooperation with another DRC project, hydraulic borehole pressure cells were installed at three sites in the headgate of Panel No. 2. A total of 42 pressure cells were installed; 6 cells were installed underneath Panel No. 2 in close proximity to a surface MPBX instrument in an attempt to characterize roof caving and gob loading behavior as Panel No. 2 is mined. Additionally, two roof sag and convergence stations were installed. The underground control station for the mine monitoring system was moved to the Panel No. 2 headgate, and trunk cables were installed to the new sites.

Several presentations of the monitoring systems were given to various groups including visitors to the 31st U.S. Symposium on Rock Mechanics which was held in Golden, CO.

Stope Leaching: The purpose of the Stope Leaching project is to provide to the mining industry an innovative mining system which will allow metal/nonmetal orebodies to be fragmented and leached underground.

The project is divided into three main tasks. The first task deals with methods to effectively manage solution in and around an underground stope. The second task analyzes the effectiveness of chemically leaching manganese from run-of-mine ore. The third task entails investigating different manganese deposits as possible sites for a full-scale stope leaching test facility. Knowledge gained from tasks 1 and 2 will be incorporated into development of the full-scale model.

An engineer with the Spokane Research Center met with members of the stope leaching research team and visited the solution management test site. Possible grouting techniques for use in conjunction with an active leaching stope were discussed.

X ( Ore samples from the Harshaw (Hardshell) manganese deposit in southern Arizona are undergoing leaching in small columns using sulfuric acid. The samples are divided into two size ranges--less than 2 inches, and 2 to 4 inches. Leaching of a third split, greater than 4 inches, will commence at a later date. *Hardshell file*

In-Mine Trial of Multislice Longwall: The objective of the multi-lift demonstration is to test multilift mining in Mid-Continent Resources' Dutch Creek Mine.

The contractor has begun preparatory work necessary to access the lower slice. A crew is now grading the floor near the planned ramp to the lower slice. Once this preparatory cleanup is completed, excavation of the ramp can start.

A remaining problem is the design of a roof support system for the lower slice and MSHA approval for the system. Initially, arch supports will be used to satisfy MSHA

Copied from U.S. Bureau of Mines Denver Research Center monthly report for the month of July 1990, dated July 27, 1990 by Edward E. Hollop, Research Director, Denver Research Center.  
KAP 8/14/1990 (ADMMR)

**HARDSHELL (File) SANTA CRUZ**

ARIZONA DEPARTMENT OF MINERAL RESOURCES  
Mineral Building, Fairgrounds  
Phoenix, Arizona

1. Information from: Mine visit  
Address: \_\_\_\_\_
2. Mine: HARDSHELL 3. No. of Claims - Patented Yes  
(Santa Cruz Co.) Unpatented \_\_\_\_\_
4. Location: Southeast of road between Harshaw and Washington Camp (see Harshaw 7 1/2' Quad.)
5. Sec 4 Tp 23S Range 16E 6. Mining District Harshaw
7. Owner: ASARCO Inc.
8. Address: 1150 N. 7th Ave., Tucson, AZ 85703
9. Operating Co.: \_\_\_\_\_
10. Address: \_\_\_\_\_
11. President: \_\_\_\_\_ 12. Gen. Mgr.: \_\_\_\_\_
13. Principal Metals: Lead & silver 14. No. Employed: \_\_\_\_\_
15. Mill, Type & Capacity: \_\_\_\_\_
16. Present Operations: (a) Down  (b) Assessment work  (c) Exploration   
(d) Production  (e) Rate \_\_\_\_\_ tpd.
17. New Work Planned: There is no activity at this mine.

18. Misc. Notes: The portal of the main incline is caved but access can be obtained via an opening to the immediate west. The incline appears to be in good condition below the caved portion.

There is a large dump elongated on the east side of the canyon. Abundant pyrolusite is scattered on the dump and in outcrops above the dump

Date: November 7, 1984

M. W. Greeley  
(Signature) (Field Engineer)

HARDSHELL MINE

SANTA CRUZ COUNTY

Production from the Hardshell Mine, Harshaw district, Santa Cruz Co., reported to the U.S. Bureau of Mines:

Production reported during years: 1900, 1902, 1910, 1919-21, 1923-30, 1935-48, 1963-64.

Cumulative Totals: 25,247 tons of ore treated, yielding:

52,197 pounds of copper  
5,729,071 pounds of lead  
51,300 pounds of zinc  
193,946 ounces of silver  
390 ounces of gold

Cumulative value of silver = \$133,239  
" " gold = 8,637

RECEIVED  
AUG 2 - 1983  
DEPT. MINERAL RESOUR.  
PHOENIX, ARIZONA

MNGreeley  
7-28-83

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Hardshell Mine Date Sept. 2, 1964  
District Harshaw District - Santa Cruz County Engineer Axel L. Johnson  
Subject: Mine visit. Information from E. W. McFarland.

References: Report of May 6, 1964 and previous reports.

Present Mining Activity: Sinking inclined winze following a vein of ore, and shipping the ore obtained from this operation to the AS&R smelter at El Paso, Texas. 7 men working one shift. Production is now about 350 tons per month and will be increased to 500 tons per month within 30 days.

Ore Values: Same as shown in the May 6, 1964 report.

Review of Operations: Winze is now down to a depth of 130 ft. on the incline (inclined 40°). This is the same winze described in the May 6, 1964 report.

Additional: Mr. McFarland reports that he is now pumping out the water in the Trench and January mines in preparation for starting work on the 500 ft. level (bottom level) of the January Mine. He estimated that it will take about 6 weeks to dewater these mines to below the 500 ft. level of the January. These mines were last worked by AS&R Co. about 1949.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Hardshell Mine

Date May 6, 1964

District Harshaw District, Santa Cruz. Co.

Engineer Axel L. Johnson

Subject: Mine Visit. Information from E.W. McFarland.

References: Report of Mar. 4, 1964 and Nov. 7, 1963.

Present Mining Activity: Sinking inclined winze following vein. Shipping the ore obtained from this operation to the A.S. & R. smelter at El Paso, Texas. 6 men working 1 shift. Production about 350 tons per month.

Ore Values: Mr. McFarland reports about 20% lead and from 5 to 20 oz. silver, with no zinc or gold. The ore is almost all cerussite (lead carbonate).

Review of Operations: The winze was started on the 500 ft. level (bottom level) of the inclined shaft, and about 220 ft. east of the shaft. The winze is sunk at a 40° incline NE and is now down to a depth of 100 ft. on the incline.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Hardshell Mine Date March 4, 1964  
District Harshaw District, Santa Cruz Co. Engineer Axel L. Johnson  
Subject: Field Engineers Report. Information from E. W. McFarland.

References Report of Nov. 7, 1963

Present Mining Activity Mining ore and shipping same to the A. S. & R. smelter at El Paso, Texas. 5 men working one shift. Production about 100 tons per week.

Ore Values Mr. McFarland states that the ore now averages 18 to 20 % in lead, and 7 to 8 oz. in silver per ton.

Review of Operations The inclined winze (incl. 30 deg.) started in Oct. 1963, is being continued. This is being sunk below the 500 ft. or bottom level of the mine.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Hardshell Mine

Date Nov. 7, 1963

District Harshaw District, Santa Cruz Co.

Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from E. W. McFarland & Personal visit.

References (1) U. S. G. S. Bulletin # 582 -- pages 265 to 271 incl.  
(2) Letter to Chas. H. Dunning dated April 13, 1959.

Location Approx. Sec. 4 or Sec. 9 -- T 23 S -- R 16 E (unsurveyed), being about one mile south-southwest of the town of Harshaw.

Owners American Smelting and Refining Co., 813 Valley National Bank Bldg., Tucson, Ariz.

Lessees & Operators E. W. McFarland, Box 172, Nogales, Arizona.

Number of Claims 4 patented claims.

Principal Minerals Lead and silver. Cerussite (lead carbonate) ore is found in a ferruginous quartzitic gangue, which is high in iron, manganese and silver. The ore, so far is all in the oxidized zone.

Present Mining Activity Mining ore and shipping to the A. S. & R. smelter at El Paso, Texas. 5 men working one shift. Ore production about 100 tons per week.

Geology & Mineralization For description of the Geology, and mineralization, see U. S. G. S Bulletin # 582 -- pages 268 to 271 incl.

A large fault is exposed in the surface tunnel near the inclined shaft. The main ore body in that area seems to be along this fault.

Ore Values U. S. G. S. Bulletin # 582 (Schrader's Report) gives the average ore content as from 9 to 15 % lead, and from 7 to 12 oz. per ton of silver.

Mr. McFarland states that the ore which he is now mining runs about 30 % lead and from 6 to 7 oz. silver per ton. No smelter returns received as yet.

Ore in Sight and Probable Very little ore in sight. Operators will try to develop ore by sinking and drifting.

Milling & Marketing Operator is now shipping the ore to the A. S. & R. smelter in El Paso, Texas. Later on, milling or upgrading of the ore at the Trench mill will be tried.

Past History (1) For early history, prior to 1915, see Bull. # 582, pp 265 & 266.

(2) Production of Hardshell Mine from 1880 to 1920 is given by Ariz. Bureau of Mines Bull. # 140, pp 100 as 5,000,000 lb. of lead, and a value of \$ 250,000 silver.

(3) Mine was operated by American Smelting & Refining Co. from 1940 to 1948, the last shipment being made in April 1948. The ore is reported to have been shipped directly to the smelter, and mining operations conducted from both shafts.

Old Mine Workings (1) Vertical shaft. This has been used for many years as a source of water supplying the milling operations at the Trench mill.

(2) Inclined shaft (inclined 30 deg. to N.), 500 ft. deep measured on the incline. The shaft is sunk in, along and near the vein, which dips about the same.

(3) 250 ft. of drifting on the 500 ft. or bottom level (250' below surface).

(4) A considerable amount of underground mine workings, consisting of drifts, winzes, raises, and irregular stopes.

Hardshell Mine

Nov. 7, 1963

Harshaw District, Santa Cruz Co.

Axel L. Johnson

(continued)

Review of Recent Operations Operator started work on the property about 3 weeks ago. At present, an inclined winze (incl. 30 deg.) is being sunk on the vein from the 500 ft. or bottom level. This winze is now about 30 ft. deep on the incline, and is all in ore. This ore is hoisted up the incline shaft in a 1/2 ton car, and dumped in the mine ore bin.

3 shipments (about 150 tons) have been made to the A. S. & R. smelter at El Paso since work was started about 3 weeks ago, and a 4th shipment is now ready to go. Operator expects to ship about 2 carloads (about 100 tons) per week from now on.



STATE OF ARIZONA  
DEPARTMENT OF MINERAL RESOURCES  
MINERAL BUILDING, FAIRGROUNDS  
PHOENIX 7, ARIZONA



MEMORANDUM

Tucson, Arizona,  
Oct. 3, 1963

To: Frank P. Knight, Director  
From: Axel L. Johnson, Field Engineer  
Re: Regarding the Hardshell Mine, and lease of same to E. W. McFarland.

The following information was received from E. W. McFarland on Sept. 4, 1963:

The Hardshell Mine, owned by American Smelting and Refining Co. was recently leased by E. W. McFarland, who will start preparations soon to get the mine back into production. The ores consist of carbonate ores, mostly cerussite, but Mr. McFarland hopes to be able to work out a milling technique, which will make a fair recovery.

The property consists of 4 patented claims, and is developed by 2 shafts ---  
(a) 1 vertical shaft, 400 ft. deep, from which water is obtained for milling at Trench.  
(b) 1 inclined shaft (incl. 30 deg.) with the water level now at 325 ft. (Mr. McFarland reports that the carbonate ores extend all the way to the bottom.) This shaft is 500' deep.

The property was last worked by the American Smelting and Refining Co. in the middle forties (about 1945).

Mr. McFarland expects to start his operations from the 500 ft. inclined shaft. He requested that the field engineers report of the mine be delayed until such a time as mining operations commence. No definite date was mentioned for starting of mining operations.

Field engineer will visit the property and obtain additional information and prepare a report soon after mining operations have been started.