MINING AND MINERALS BRANCH

Land Resources Division - WASO

Monthly Report - August 1994

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GENERAL

- Branch Director Seeks to **Protect Parks** staff and Barbara West, Frampton, Special Assistant to Assistant Secretary attended an August 22 decision meeting hosted by the Office of Surface Reclamation its rulemaking Mining Enforcement (OSM) on effort to define "valid existing rights" (VER) mine coal to under 522(e) the Surface Mining Control Reclamation Act of and 1977. 522(e) Section prohibits surface coal mining in and National adjacent to а variety of areas, such as, units of the System, Park unless an entity has VER. At the meeting. OSM Director Uram selected the "modified all permits test" the regulatory alternative agency's preferred for determining whether an entity has right mine coal adjacent to in and to parks. protective of entity Under this test which very parks, an must obtain have made good faith effort to all needed permits to 3, 1977. the mine coal as of August statute's enactment date. In the 1980s. OSM unsuccessfully tried to redefine **VER** as mere coal. ownership of Under such a test, all holders of coal Director in parks would also qualify mine coal. to Uram instructed his staff to include in the proposed rulemaking the requirement entity have **VER** prior "exploring" that to coal protected like national parks. The NPS OSM areas. has urged do SO since the mid-1980s. Finally, Director Uram decided subsidence definition exclude from the of a surface effect of underground mining in the context of the 522(e) prohibitions. decision special He based part the statute's his in on treatment of subsidence issues at 516 and his belief that a rigorous definition **VER** for would minimize the need to include subsidence under 522(e). While NPS would have liked the Director Uram to have included subsidence among the surface impacts prohibited by 522(e), Service underground mine remains the willingness encouraged by Director Uram's to reconsider his decision later in the process after the completion of the draft environmental impact statement (EIS) **VER** the rulemaking. OSM on promulgate a legally defensible definition hopes by December 1995. (McCoy)

NPS Continues to Advocate that Park Managers Be Given a Substantive Role in the Adverse Impact Determination Under 522(e)(3) of the Surface Mining Control and Reclamation Act Under 522(e) of the Act, Congress prohibited coal mining that will adversely impact a publicly owned park or places included in the National Register of Historic Sites unless an entity qualifies as having "valid existing rights" (VER) to mine coal, or if the regulatory authority and agency with jurisdiction over the area jointly agree to waive the prohibition. Because the decision of whether a proposed coal mine will adversely protected area is pivotal, the NPS would like to have a threshold affect a protected substantive role in making that determination with respect to areas under its jurisdiction. Currently, under OSM regulations, rests with the the sole responsibility for that decision regulatory authority be it a state agency or OSM. 22 meeting noted above, Branch staff and Barbara or OSM. At the West with Assistant Secretary Frampton's office stated that the NPS was the best position to evaluate impacts to park resources and values and urged OSM to give park managers a substantive that determination. While our proposal was coolly received, we continue to believe that OSM will consider alternative proposal that retains a strong role for the regulatory authority while also giving the NPS a substantive role. The Branch will work with OSM staff to craft alternative for analysis in the EIS on the VER rulemaking. (McCoy)

Branch Assisting OSM in Preparation of EIS on Valid Existing Rights Rulemaking - The Branch is coordinating NPS participation with OSM in development of a draft EIS on the rulemaking to define "valid existing rights" (VER) to mine coal under 522(e) of the Surface Mining Control and Reclamation Act of 1977 (refer to relevant issues above). On August 23-25, staff traveled to D.C. and represented the NPS in interagency meetings Washington, hosted by OSM to discuss in detail the EIS process. Discussion topics included information and data needs, alternatives, agency roles and responsibilities, target dates for interim and final products, and legal and policy issues. Branch input to the EIS will include identification of all park units potentially effected by internal and external coal exploration and development relative to the various alternatives, environmental impacts of such operations on park resources and values, active participation in all interagency meetings concerning the EIS process, and review of draft EIS chapters to ensure NPS issues are identified and analyzed. OSM's target date for completion the final EIS is December 15, 1995. The Branch will likely request information and data from potentially effected park units in the near future. (Moss, Woods)

Lawsu	it	Challen	ging	N	PS's	Authority	to	Regulate	Non-Fe	Non-Federal		
and	Gas	Operati	ons	at	Padre	Island	Enters	Prelimi	nary	Stages	of	
Litig	ation		Dunn-	McCampbe	ell	Royalty	Int	erest,	Inc.,	mineral		
estat	е	owners	at	Padre	Islar	nd National	l	Seashore,	Texa	s, filed	i	
suit	aga	ainst	the	NPS	alleging	, among	oth	er thing	s, t	hat the		

Service has no authority to regulate non-Federal oil and operations on Federal surface estate. On August 10, Plaintiffs' lead attorney, a representative States! the United Office, of the Solicitor's and Branch Department Interior met via teleconference to discuss the nature the Plaintiffs' claims and defenses and the possibilities or resolution of the case. While all settlement of their their positions as to the nature and bases asserted and defenses, little progress was achieved toward On August 29, Plaintiffs' settlement or resolution of the case. the United States' lead attorney attorneys and appeared H. W. Head, Jr. of the Federal District Court for the Texas in a pretrial conference. Judge Southern District of Head the proceeding by informing the parties he would withdraw began himself from the case due to conflict of interest. This surprising development means that the case remains on hold the case. The new judge is formally assigned judge another likely assign another date for another pretrial conference. developments may stall the litigation for a period staff will continue to six months. Branch to work closely with the lead United States attorney and the Solicitor's Office McCoy, Shaver, Woods, Boucher, O'Dell) matter. (Kassman,

Forwards Proposed Revisions to 36 CFR 9B Regulations Non-Federal Oil and Gas Development in Parks Governing Secretary Frampton for Signature - On August Assistant Director Kennedy signed a memorandum transmitting the draft rulemaking package to Assistant Secretary Frampton. proposed NPS has long sought to revise its existing regulations at 36 Subpart B, governing non-Federal oil and Part 9, gas development the changes sought is the elimination in parks. Foremost among of regulatory provisions that exempt approximately 65% (379) of non-Federal oil and gas operations in parks the 580 from the Barbara West, Special Assistant to Assistant regulations. has been assigned to review the Secretary Frampton, package. She has a wealth of experience working on regulatory matters park management issues. We are hopeful that the Assistant minerals revisions so will approve the Secretary proposed the Branch the package for public comment. (McCoy) release

Presents Oil and Gas Management Course to U.S. Fish Wildlife____ Service Managers - At the request of the U.S. Fish (USFWS), Branch staff Wildlife Service traveled to Hackberry, on August 22-26 to present an oil and gas management Louisiana training course to refuge managers and staff, and regional The purpose of the training was to foster a managers. comprehensive understanding of oil and gas operations from regulatory, technical, and environmental
. Topics included petroleum field impact exploration perspective. development procedures, equipment and technology, and reclamation techniques, enforcement options, and applicable laws mitigation regulations, land use planning. In the Refuge Manager at Sabine National Wildlife addition, hosted an all-day field trip to an active oil and gas well

drilling operation and several production operations located in environmentally sensitive marshlands on the refuge. The course provided an excellent opportunity for substantive interagency discussions on oil and gas management issues of common concern.

(Boucher, Heise, O'Dell, Woods)

Agreement to Enhance Coordination on Mine Waste Interagency Issues From Active Mines Nears Completion Staff from Environmental Protection Agency, Bureau of Land Management, and the Forest Service met to discuss final changes to a proposed to foster Interagency cooperation Agreement designed close amongst the parties on mine waste issues from active non-coal In addition development to providing a forum mineral activities. for discussing policy and research matters, the Interagency Agreement provides for cross training amongst the signatories. will representatives Each signatory have three that meet periodically. In addition to the Branch, we anticipate and possibly Water Resources Division the Air Quality Division or NPS Hazardous Office will represent Waste at the meetings. (McCoy)

NPS Participates in Department of the Interior Survey Potentially Contaminated Abandoned Mineral Land Sites - The after for its of the Interior, being criticized Department on contaminated facilities of information under its jurisdiction, is attempting to get a handle on the problem. The first of that inventory includes inventory. A part a preliminary and abandoned mineral extraction sites specifically those be contaminated. The Branch used the Servicewide may database Abandoned Mineral Lands and existing reports and to compile a preliminary memoranda list for the Department. summary of that information is as follows.

oil and gas well sites in park are 1,315 This total units. wells, 580 producing 689 plugged and abandoned wells, 46 orphaned wells. It is possible that 289 well sites contaminated and are therefore sites the Federal where Government would involved in remediation actions. The reason this number is of the condition is high not strictly because well of these sites, but rather many of the well operations are not subject to plan of operations including an NPS approved no performance bonds filed with NPS the (e.g., grandfathered operations).

3,456 There are mining sites in park units, including 42 active mining operations and 824 active and abandoned administrative 101 may have and gravel Of the abandoned mine pits. sites. potential contaminants. It is possible that further of such sites investigation will show minimum or no contamination. (Higgins)

Branch has Minerals Development Videos Available for Loan - The Branch recently compiled a video library covering numerous topics concerning mining and oil and gas exploration and development.

Subjects pertain to minerals development planning, exploration

and production operations, reclamation, history, laws and regulations, and treatment of abandoned mineral lands. The videos are an excellent resource for training purposes. The Branch prepared a video catalog and sent copies to all regional offices and several park units. The Branch will loan videos to any requesting office for a two week period. For more information contact Judy Geniac at (303) 969-2915. (Geniac)

 Branch
 Distributes
 Booklet
 on Takings
 Law
 - On August
 22, Deputy

 Director
 Reynolds
 signed
 a memorandum
 to all regional directors

 and park
 superintendents
 that distributes
 a booklet explaining

 the fundamentals
 of takings
 law in layman
 terms.
 "Takings"
 is an area of law that has gained significant
 attention in recent years

 and is fraught
 with misinformation
 and hyperbole.
 The genesis

 for takings
 law is the 5th Amendment of the United States
 States

 Constitution
 which states that private property shall not be
 be

 taken for public use without compensation.
 Traditionally,

 takings claims have arisen in the context of local zoning
 decisions.
 Recently, such claims have been raised vehemently

 with regard to environmental regulation.
 In the memorandum, the memorandum, the memorandum, the memorandum, arised vehemently

 Deputy Director urged park managers not to abandon well grounded actions aimed at carrying out the Service's mandates simply

 because someone alleges a taking. He also urged park managers to when the property additional copies of the lates and the property and the property and the property and the pr

Restoration, Rehabilitation, Reclamation and Recovery - What Do They Mean? - Branch staff have recently held discussions with several NPS field staff concerning the meaning of the terms restoration, rehabilitation, reclamation and recovery. As technology grows in importance, these kinds of "restoration" discussions are similarly increasing. Apparently, there is little agreement on what the "re-" words mean or how they overlap and differ from each other. To shed some light on this topic, article by William Jordan III¹, the editor of <u>Restoration &</u> Management Notes, and founding member of the Society for Ecological Restoration, attempts to put the terms in perspective.

Jordan makes the term restoration centrally important because is the only term that is explicit - precisely why some managers it are wary of adopting it. Following is a synopsis of his descriptions:

Restoration - in standard English, to restore something means to bring it back into some prior condition. Ecological restoration, then, means to do this to an ecological system, whether defined as an ecosystem, an ecological community, a landscape, or any combination of these. In practice, restoration means that the area is deliberately returned to conditions and processes representing the ecological zone in which the disturbance lies.

Rehabilitation - refers to making the system work again by naturally, usually by restoring some allowing systems to function restore exactly does not necessarily Rehabilitation attributes. of the pre-disturbance characteristics but the condition does involve establishing geologically and hydrologically stable that support the natural ecosystem mosaic. landscapes

make a degraded Reclamation refers to actions that site way more desirable. more attractive, or in some useful, does not always imply returning a site to natural Reclamation and is often the creation of some "desired use." conditions For a golf course or parking lot in a sand and gravel example. some ecological upgrading of certain entails this Typically, or functions, such as hydrological function, processes well short of restoration. Of course, reclamation has historically also meant making lands suitable for agriculture suitable; usually by outright that were not naturally destruction of the natural landscape.

Recovery - refers to the natural or internal capacity of a system for self-repair. A good example is the recovery of vegetation.

Sometimes, conditions have recovered to the point where human actions cannot effectively improve conditions further. Some folks mistakenly label recovery as "natural reclamation."

Restoration, rehabilitation, or reclamation implies human intervention of some sort.

The above descriptions offer a starting point for folks goals in terms of the "re-" to define project struggling words. in mind is that An important concept to keep reclamation and are probably not separate processes, but different restoration phases of an overall process that starts with reclamation culminates, when appropriate, in restoration. (Steensen)

1 Jordan, William, R.,III, 1992. Those RE-Words: a glossary and a few comments; Land and Water: The Magazine of Natural Resource Management and Restoration; Vol. 36, Nov./Dec. 1992, Fort Dodge, Iowa; pp. 13-15.

MIDWEST REGION

The Haydite Pit Is a Stones Throw From Being Donated to Cuyahoga - Negotiations continue between Cuyahoga Valley National Area, State of Ohio, and the Hydraulic Press Recreation Brick Company (Hydraulic) over the Haydite Pit. This pit is part of an operation in the boundary of Cuyahoga Valley. active shale mining to turn it into a landfill, To halt a proposal the State of Ohio state intends to buy the pit from Hydraulic. The will then pit to the town of Independence, who will in donate the it to Cuyahoga Valley. The park is willing to accept only if Hydraulic agrees to certain terms and terms include developing a restoration plan conditions. These

and posting a performance bond that covers all existing and future mining.

Branch staff reviewed the second draft of the "Terms and Conditions" document and identified two principal and important issues. First, the document overlooked the issue of liability. The main concern here is the serious safety hazard associated with the 300-foot deep pit with nearly vertical walls. Because Hydraulic intends to continue mining on adjacent properties, they must pump the water from the pit to reduce stability problems. Thus, the pit walls remain exposed. In earlier discussions, Hydraulic was to retain responsibility for safety until all was complete and the pit fills with water and becomes restoration a lake. The Branch recommended strongly that the park reintroduce language to the document qualifying where liability will lie. The second issue concerned use of the term "phased restoration." At first we believed that Cuyahoga Valley restoration." At first we believed that Cuyahoga Valley management was encouraging "phased bonding." Phased bonding refers to a partial bond release upon completion of a specific phase of the restoration, such as backfilling and grading. We now understand that park management actually desires "concurrent restoration." Concurrent restoration means that restoration of mined-out areas must precede any disturbance of new areas. Once the hair-splitting about terminology is over, the odds are that the mighty pit, which will eventually be in a park-like appearance, will belong to the NPS. (Steensen, Cloues, Cloues,

PACIFIC NORTHWEST REGION

<u>Shi-Shi Beach Mineral Operator Requests Samples of "Accepted"</u>
<u>Plans of Operations</u> - The Branch supplied Olympic National Park, Washington, with copies of hardrock mining and oil and gas exploration and development plans of operations formerly accepted by the NPS as "complete" under the 36 CFR Part 9A and 9B regulations. This action was driven by a request to the park from Kenneth Koenen, the mineral operator representing Scott Watson, the purported owner of specific reserved minerals underlying Shi-Shi Beach, located in a wilderness area of Last spring Mr. Koenen submitted a Special Use Permit application to the park containing his proposal to explore for and develop minerals ranging from sand and gravel to gold to oil and gas at Shi-Shi Beach. Based on advice provided by the Branch, Olympic returned the application to Mr. Koenen because of numerous information deficiencies and incorrect statements. The NPS response to Mr. Koenen also cautioned against using the sample plans of operation as "boilerplate" or "fill in the or "fill in the blank" forms for his proposed operations. Olympic has not received a revised proposal from Mr. Koenen to date. (Moss, Woods, O'Dell)

ROCKY MOUNTAIN REGION

Branch,	Gl	en	Canyon	Natio	nal	Recrea	ation	Area,	and	Utah	BLM	State
Office	Worl	k T	ogether	to Resolve		Federal		Lease	Issue	-	Branch	
staff	met	with	Glen	Canyo	n's	John	Ridenaur	and	Clive	е	Pinnock,	and

BLM staff from the Utah State Office, Cedar City District, and Escalante Resource Area to develop an action plan to address a long standing Federal oil and gas lease inside the park. The lease was originally issued by the BLM in 1969 prior to the lease area inclusion in the park. The BLM has suspended the lease (e.g., stopped the development time clock) for a variety of much of the past 25 years. The lease's history long and complex to detail here. However, the most recent suspension was granted with only several weeks remaining on the would like to see the suspension Essentially the park have a well drilled or preferably, and either lifted lease expire. The lease holder claims that data the company originally agreed to provide the park for environmental assessment purposes, specifically cultural surveys of the road and pad areas, are too expensive and make it difficult to obtain investors. The BLM is concerned that the company is not making a good-faith effort to develop the lease. Conflicting agency mandates involving resource protection, NEPA compliance, and f treatment of the lessee made developing an action plan difficult. and fair Through an effective cooperative process, the NPS and BLM agreed to a series of actions and deadlines the operator must meet to show a good-faith effort to develop the lease or risk lease expire. The actions allow both agencies to comply with individual mandates of resource protection and multiple The BLM will immediately prepare and send a letter to the operator reflecting the agreed-upon terms and conditions. (Heise)

Assists Fossil Butte Resolve Status of Abandoned Wells - A routine review of the Branch's oil and gas data base revealed oil and gas well inside Fossil Butte National Monument However, no additional information on the well (e.g., orphaned, reclaimed, etc.) was contained in the file. abandoned Monument, Wyoming. Branch staff contacted Superintendent Dave McGinnis who provided of the park's records as well as recent photographs copies The records indicate that the oil well was properly site. but there is some question about one or plugged and abandoned, that were probably drilled two additional nearby wells to provide for oil and gas drilling operations. Park staff informed that there is no apparent resource threat from any the Branch The Branch to reconcile the the wells. will attempt in the records as well as determine if additional discrepancies (Heise, field work or records review is needed. Boucher)

SOUTHEAST REGION

Big South Fork Coal Appraisal Nears Completion - The Southeast

Region Land Resources Division has been diligently working on the mineral appraisal of approximately 3,882 acres of land in the southwestern corner of Big South Fork National River and Recreation Area, Tennessee. A final review of the contracted mineral appraisal was completed by Branch staff. The appraisal serves as a good example of risk assessment interpretation and the reality of data obtained directly from the market place.

Fair market value determination for purposes of negotiation must proximity to factors as erratic weigh such complex coal height, abandoned mines, distance to the nearest railroad flooded and transportation, mine truck access by shaft or slope entry versus drift entry, lack of data, the quality of the coal ash, moisture, sulphur), size of reserves, reserve versus historic record of declining local production, resource. restrictions. With drilling results, and permitting an absence of good comparable sales (inactive market), the income of the property must be realistically modeled potential and rate of return on a royalty derived from a market generated that is based on a realistic income stream level of risk. appraisals for all commodities necessitate careful Mineral of all factors market value to protect evaluation influencing the rights of the private owner as well as the resources of the public. (Cloues)

SOUTHWEST REGION

Company to Remedy Exposed Natural Gas Pipeline in Big Pipe Line Company (Transco) plans to Thicket Transcontinental a section of its 30-inch natural gas pipeline through replace Neches River Corridor Unit of Big Thicket National Texas. Erosion and changes in the Neches River channel Preserve, have exposed a section of Transco's existing pipeline, creating safety and resource protection concerns. Earlier this year Transco completed soil core sampling and analysis at five preserve to determine the feasibility of using in the locations horizontal drilling technology to install a new section pipeline 100 feet beneath the Neches River near the existing rights-of-way. Transco performed the core sampling pipeline under an NPS-approved plan of operations pursuant to the 9B. regulations at 36 CFR Part Favorable sampling results proved Transco could install the new pipeline section without any inside the preserve. surface disturbance Transco requested the plan of operations NPS waive the requirement for an approved for the pipeline replacement project due to no direct impact to surface resources. The Branch with the agreed preserve would preserve's assessment that the operation likely have no environmental impact to resources and values of Big adverse Thicket. Therefore, the Branch supported a decision to waive for a plan of operations for the new installation requirement phase of the project. Transco intends to restore lands in the existing rights-of-way and will submit a comprehensive plan of a comprehensive plan of for such in the near operations action future. (O'Dell)

More Oil and Gas Wells Proposed at Padre Island - EP Operating Partnership is the latest company to submit to the NPS a Limited plan of operations for drilling an exploratory oil proposed at Padre Island National Seashore, staff gas well Texas. Branch are currently assisting the park in the evaluation of the plan. Park, proposed Branch and regional office staff are the analysis of another oil and gas well drilling completing operation proposed in the park by Bright and Company. The

and Company plan of operations is nearing the decision stage in The operators could drill both wells this year if the process. Regional Director approves the proposed plans. Park credit, worked closely with both operators personnel, to their to develop well organized and comprehensive plans of operations. If the proposed drilling operations are approved, NPS enforcement and operator compliance with the plans should provide excellent NPS enforcement while allowing the operators to exercise resource protection their nonfederal oil and gas rights. (O'Dell, Boucher)

Branch Prepares Response to Congressional Inquiry Related to 98 Lawsuit at Padre Island - Branch staff drafted a response (R-Texas) on behalf of a inquiry from Senator Phil Gramm who owns an interest in oil and gas rights at the constituent letter focused park. The constituent's on his frustration with being unable to develop oil and gas rights at the park without NPS approval. e challenging Because of the on-going having to obtain the Service's litigation at Padre ability to regulate non-Federal oil and gas activities, the NPS informed the Senator we were not at liberty to discuss the particulars of his The response did, however, provide the constituent's letter. Senator with an overview of the Service's statutory authority to oil and gas development at the park. It also gave him information at the park on the number of operations approved The Regional since 1966, two years after the park's creation. Director signed the response to the Senator on August 4. (McCoy)

WESTERN REGION

Branch		Assists We		estern Regio			n in		Plar	nin	ng	for		Califo		fornia			Desert		
<u>Parks</u>		-	At	the	e re	gion	S	reque	st,		Branc	h	sta	aff	are		activ	ely			
involv	ed		in	е	arly	р	lannin	g	eff	forts		for	an	orde	erly		trar	nsitio	on		of
minera	ls		mai	nage	ment		resp	onsibi	liti	es			from	BLM	to)	the	NPS	fo	or	
lands		def	ined		in	the	Ca	liforn	ia		Deser	t	Par	rks	Bil	ls.		Bran	nch	s	taff
commen	ted		c	n	the	Dra	ft	Task	D	irect	tive		for	the	Ca	lif	ornia		De	esert	
BLM/NP	S		Tran	siti	ion		and	Coord	inat	ion		Ac	tion	Pl	an	ir	n te	rms	01	:	
specif	specific minerals		ma	management			issues		and o		ther	ma	major		issues		that				
includ	le		mine	rals	3	man	management			components.				The I		Branch		i dent i fi			
severa	l		impo	rtar	nt	n	needs to		develop			a work		kable		and		effective			
transition		1	strategy		for		botl	oth the		BLM	.M and		the	NPS	NPS.		These		needs		
includ	e,		but	t	are	not	li	mited		to	(1)	sh	aring	i	and	tr	ansfe	r	01	а	ll
minerals-related				rec	records, da		data	a, permits,		ts,	plans			of o		operations,			and		
other administrative				information				(2) survey			eying	ying and			d delineat		ting				
the location and			own	ownership			of outstand			ding miner		eral	ral righ		ts,	ts, (3					
develo	ping	3		а	proce	ss	to bring		ex	existing		оре	operations			into		compliance		:	
with	N	PS	reg	gula	tions,)	(4)	defi	ning		resc	ource		impac	t	is	sues		at	
existi	ng		ope	erat	ions		or abandor		oned	opera		ati	ation si		tes,		and det		termi	ermining	
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minera	ls		mar	nage	ment		plar	olanning		stra	tegy	egy		n light		of		anticipate			
legislative mandate			S	s governing			1	the	ne managemer		nt		:	these ri		right	ights,				
(6) formulating				an	action	1	plan	1	for	the	mir	ning	cl	aim	,	valid	ity				
program			including		а	a priority			syst	em, wor		worklo	rkload		estimate		e, a				
staffing			needs,		(7)	7) defining			an	n abandor		ed mir		neral		lands		pro	program,		
and	(8)		accu	rate	ely		asses	sing		fund	ling	-	and	staff	ing		at	а	level		

with the importance of minerals management issues. commensurate also met with NPS Transition The Branch Team member Frank a detailed list of specific minerals prepared management and discuss transition tasks in priority order to present BLM representatives on the Transition Team. The Branch will technical, policy, environmental and continue to provide to the Team. (Woods, Transition regulatory assistance McCoy, Moss) Ziebenbein, Covington,

Report on El Portal Administrative Site in Yosemite <u>submitted to the BLM</u> - Branch staff completed a "Mineral in Report" for the BLM, California State Office, on the El Park in support Site in Yosemite Administrative Portal National withdrawal. In 1960 about 406 acres of a continuing land of appropriation land were withdrawn from all forms under the public land including general mining laws, leasing laws laws, mineral material disposal laws and under the Acquired is in the process of reviewing Act. BLM all Leasing The in existence withdrawals that were at the time the Federal and Management Act (FLPMA) passed in 1976. The Policy was park the withdrawal wishes to continue and the mineral report In addition the report recommends recommends the continuation. of the lands that NPS seek permanent transfer from the mine lands inventory and also that an abandoned (AML) be done the Administrative Site. (Covington)

Well Inspection at Lassen Volcanic - At the behest
Gilbert Blinn, Branch personnel participated with Geothermal Gilbert Blinn, Branch personnel participated with Superintendent field inspection of an park staff in a multi-disciplinary well in Lassen Volcanic abandoned geothermal National Park, is of particular because it is California. The well concern and the site remains properly unreclaimed. The onsite plugged allowed a thorough field investigation of the site team of resource, plugging, and reclamation provided the specialists to review the well site conditions and determine the problems. The Branch is preparing for correcting a detailed report for the on the investigation including park for plugging of the well and options recommendations for pad remediation and reclamation. (Boucher, Ziegenbein)

PROFESSIONAL DEVELOPMENT

Staff Attend CERCLA Training Course - Branch staff to Eastham, Massachusetts to attend a three-day traveled training course on the Comprehensive Environmental Response, and Liability Act (CERCLA). The Branch is Compensation, its knowledge base to include the CERCLA expanding process order to more effectively advise park managers on how to address hazardous substances issues associated with mining and minerals of three operations. Over the span days, course instructors walked approximately 20 park resource managers through the major provisions and conducted an ongoing exercise in which course participants analyzed and responded to hypothetical emergency CERCLA spill and historical CERCLA site situations. 0n the last course participants engaged in a role playing day, Environmental exercise in which an Protection Agency project CERCLA manager, park superintendent, park coordinator, town Department of Energy representative, mayor, industry lawyer, and a nonprofit environmental group representative argued effective remedies employed spill most be at emergency to an The instruction and playing exercises effective site. role were CERCLA overview the in providing a general of the process finer aspects of procedures. Branch staff available to are assist park personnel on CERCLA issues related to mining or mineral development activities. (Kassman, Moss)

Staff Attend Watershed Restoration Training at Redwood Branch a field **Branch** staff attended seminar at Redwood National disturbed lands. restoration anthropogenically The course concentrated on the geomorphological aspects restoration, repeatedly the concept restoration of the physical stressing that biological landscape sets the stage for recovery of the systems. Physical treatments involve restoring soils and hydrologic systems. Redwood staff in the restoration of have been involved abandoned logging roads and pits since 1977. and have effectiveness accumulated a large data base the and costs of on reclamation techniques. excellent variety of They an source of information units in reclamation, for involved park restoration. erosion prediction, road inventory methods. and use of heavy equipment in the decommissioning and reclamation of courses. The will the roads, mines, and stream Branch apply information and techniques to the review of reclamation sections plans contained proposed of operations for mineral development in in park Redwood teaches about five land units. courses restoration techniques annually. For information upcoming on courses Redwood reclamation program, contact and the (707)488-2911. (Smith, Geniac) Spreiter at