

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
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HOW MULTIPLE IS THE MULTIPLE-USE PLAN?

After five years of Public Law 167 (the Multiple-Use Mining Law), the U. S. Bureau of Land Management reports it has examined 5 million acres on which was found 36,400 mining claims located prior to passage of the law. Verified statements asserting validity of the claims by the claim holders were filed on 2,500 claims. Of these, 2,000 claims have been examined by Bureau engineers. On 500 (or 25 percent) of the claims the claim holders were allowed the management of the surface and on 1,500 (75 percent) of the claims the Bureau took over surface management.

In this same period of time the U. S. Forest Service completed all required steps in proceedings under Public Law 167 on 24 million acres. There were an estimated 172,000 claims in the area of these examinations. Verified statements were submitted on 2,154 claims, of which the Forest Service stipulated that 294 (or 14 percent) were valid, but on 1,860 (86 percent) of the claims the surface management was taken over by the Government.

From the miner's viewpoint it would appear that the Forest Service was twice as tough in the examination of claims as the Bureau of Land Management. That this might be the case is reflected in a recent talk by a local U. S. forester before a civic organization in southwestern Oregon (as reported in the Grants Pass Courier, December 8, 1960). He stated that mining is permitted within the national forests but it does not fit into the multiple-use plan. "However," he added, "the mineral is there and wherever it is practical to do so, mining is permitted." The attitude of the Forest Service toward mining was also displayed in the latest session of Congress when the National Forest Multiple-Use law was being considered. This law gave official recognition that national forests should be administered for "outdoor recreation, range, timber, and wildlife and fish purposes". When the bill was under discussion in Congress, the miner's request that the language be clarified in order to protect the historic right of use of Forest Service land for mining and prospecting was met with surprising opposition. Further evidence of opposition to mining by the Forest Service is found in the recently developing trend to shy away from the long-time court established "prudent man" rule in the patenting of claims and to lean toward a rule requiring proof of profitable operation of the claim.

When Edward P. Cliff, Assistant Chief, U. S. Forest Service, spoke before the American Mining Congress on October 11, 1960, he concluded his remarks by stating: "The Forest Service believes in multiple use as a basic guiding principle. It has been time-tested since the creation of national forests. Mining has always been recognized as an important use of national forests. As population increases and more intensive use is made of all national resources, greater skill and more effort will be required to harmonize public use and the utilization of renewable resources with mining activities. We know the Mining Industry recognizes this and, as in the past, will sit down with us to resolve mutual problems. The effort will be rewarding because it will make possible the fullest practicable development of the national forests under a policy of wise use."

It is hoped that this fine policy statement by Mr. Cliff will permeate to all divisions and to all levels of the Forest Service, for the mining and oil industries must step up their exploration activities if they are to meet the dual challenge of increasing use of mineral materials and supplying an expanding population. It is axiomatic that the more land open to investigation, the more mineral products will be found.

Hollis M. Dole, Director

PROGRESS REPORT OF AREAS IN U. S. NATIONAL FORESTS
APPROVED FOR DETERMINATION OF SURFACE RIGHTS

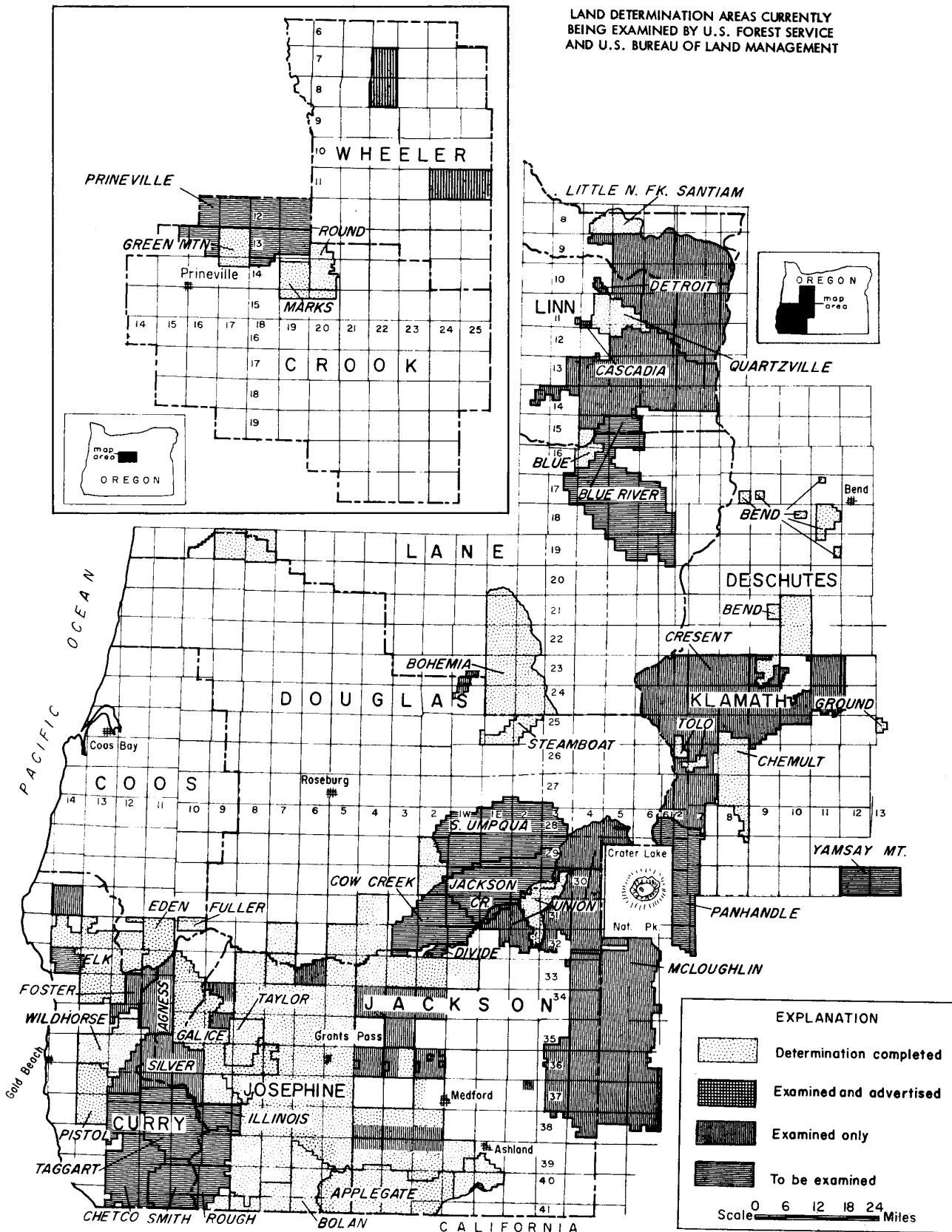
Forest	Name of Area	Acres		Approved for Examination	Date of First Publication	End of 150-day Period*
		Nat'l Forest Land	Acres Examined			
Deschutes	Chemult	45,500	45,500	5- 4-56	2-27-57	7-29-57
	Bend	29,760	29,760	5- 1-57	12-24-59	5-23-60
	Tolo	9,750	9,750	5- 1-57	12-24-59	5-23-60
	Ground	1,120	1,120	5- 1-57	12-24-59	5-23-60
	Crescent	300,000	300,000	5-21-60		
Fremont	Chemult	8,500	8,500	5-17-56	2-27-57	7-29-57
	Fremont	31,200	31,200	3-25-59	12-24-59	5-23-60
	White King-Thomas Cr.	50,000		8-11-59		
	Mill Flat	29,000	29,000	7-28-60		
	Drews	114,924		4-20-60		
	Brattain Butte	44,541		4-20-60		
	Yamsey Mtn.	44,520		5- 3-60		
	North Warner	45,750		5- 3-60		
	Bly-Lake	70,000		5-25-60		
Malheur	Twin	39,600	39,600	7- 5-56		
	Dixie	36,070	36,070	7- 5-56	9-25-58	2-23-59
	Canyon	22,680	22,680	4-25-57	12-24-59	5-23-60
	Drewsey	247,366		4- 6-60		
	Clear Creek	60,160		4- 6-60		
	Long Creek	180,382		4- 6-60		
	Burns	257,340		4- 6-60		
	Prairie City	297,429		4-21-60		
	Bear Valley River	246,000		4-21-60		
Ochoco	Round "A"	10,440	10,440	7- 5-56	11-20-57	4-21-58
	Round "B"	14,015	14,015	7- 5-56	9- 4-58	2-23-59
	Marks	21,900	21,900	7-31-57	12-24-59	5-23-60
	Green Mtn.	22,920	22,920	7-31-57	12-24-59	5-23-60
	Prineville	101,240		5- 3-60		
Rogue River	Applegate "A"	17,785	17,785	7- 5-56	9-24-58	2-23-59
	Applegate "B"	35,660	35,660	7- 5-56	12-23-59	5-23-60
	Applegate "C"	59,865	55,449	7- 5-56		
	Union "A"	39,295	39,295	4-25-57	9-17-58	2-16-59
	Union "B"	191,105	26,033	4-25-57		
	Ashland "A"	28,184	28,184	4-25-57	12-23-59	5-23-60
	Ashland "B"	946		4-25-57		
	McLoughlin	401,703	401,703	9-21-59		
Siskiyou	Panhandle	74,880		9-21-59		
	Wildhorse	53,000	53,000	2- 2-56	2-21-57	7-22-57
	Elk "A"	14,570	14,570	7-11-56	9-12-57	2- 9-58
	Elk "B"	110,706	110,706	7-11-56	9-11-58	2- 9-59
	Elk "C"	4,487	4,487	7-11-56	2-26-59	7-27-59
	Elk "D"	8,457		7-11-56		
	Fuller	8,800	8,800	7-11-56	2-21-57	7-22-57
	Taylor	34,230	34,230	7-11-56	9-11-57	2- 8-58
	Illinois "A"	26,880	26,880	7-11-56	3- 4-59	8-24-59
	Illinois "B"	18,470		7-11-56		
	Pistol	39,950	39,950	7-11-56	3- 5-59	8- 3-59
	Galice "A"	27,280	27,280	7-16-58	12-17-58	5-16-59
	Galice "B"	111,440	111,440	7-16-58	6-29-60	11-28-60
	Foster	23,220	23,220	9-11-58		
	Agness	45,007	45,007	3-25-59		

*Determination completed (time expired for submitting verified statement), except where noted by #.

1960

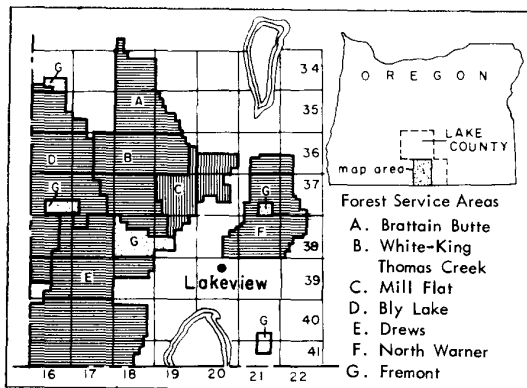
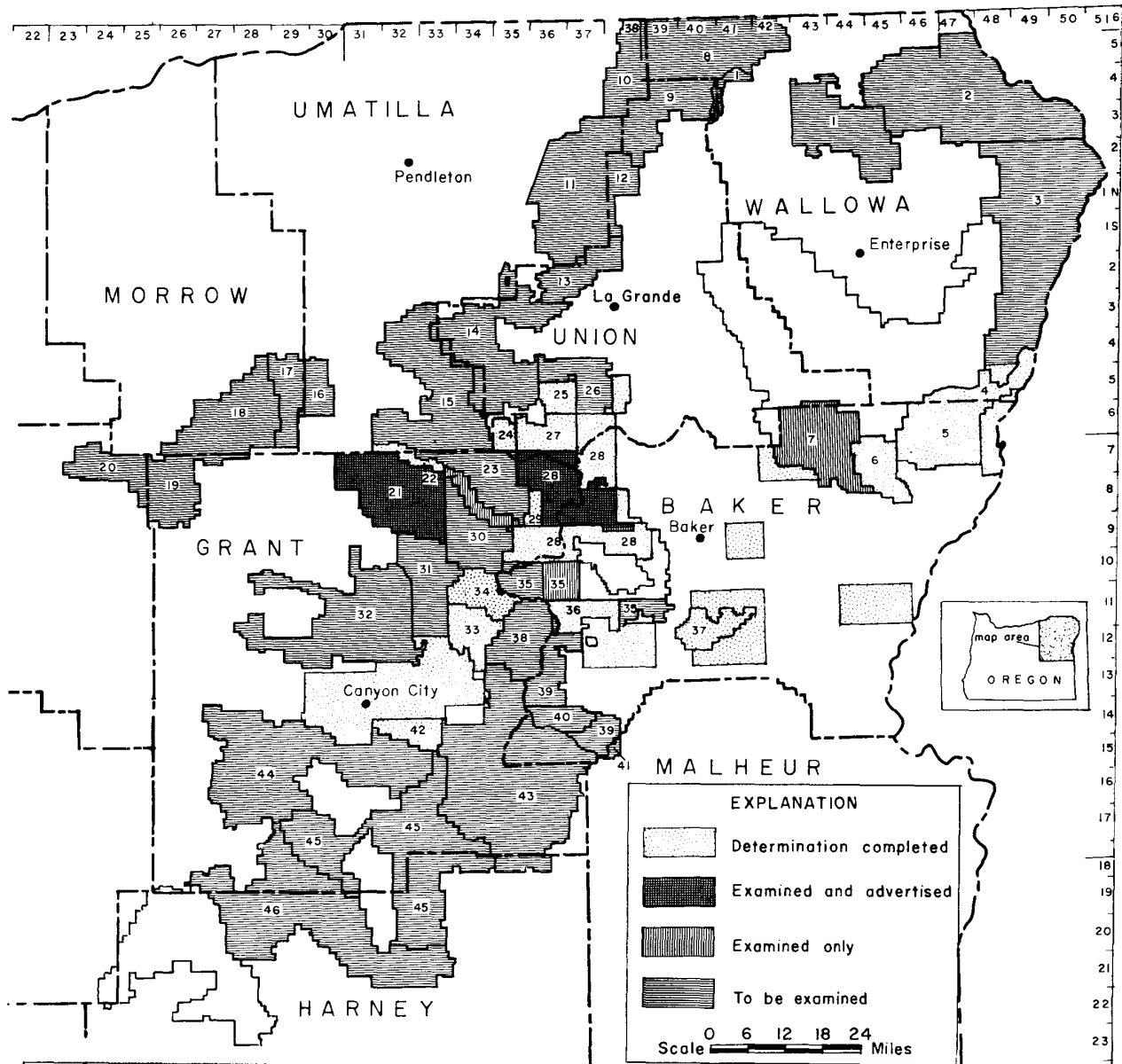
Forest	Name of Area	Acres Nat'l Forest Land	Acres Examined	Approved for Examination	Date of First Publication	End of 150-day Period*
Siskiyou (cont.)	Taggart	90,202		4- 6-60		
	Smith	55,278		4- 6-60		
	Rough	58,718		4- 6-60		
	Chetco	133,321		3-25-59		
	Eden	32,618	32,618	3-25-59	6-29-60	11-28-60
	Bolan	76,793	76,793	3-25-59	6-29-60	11-28-60
	Silver	94,234	94,234	4- 6-60		
Umatilla	John Day "A"	8,942	8,942	7-11-56	9-25-57	2-23-58
	John Day "B"	20,223	20,223	7-11-56		
	Desolation	94,640	94,640	4-16-59	10-27-60	3-27-61 [#]
	Olive Lake	61,400		5- 5-59		
	Silver Butte	62,960		5- 5-59		
	Wheeler	37,900		4-20-60		
	Umatilla	147,720		4-20-60		
	Phillip Creek	29,240		4-20-60		
	Ellis	35,320		4-20-60		
	West Ukiah	31,960		4-20-60		
	East Ukiah	135,160		4-20-60		
	Tollgate	48,620		4-20-60		
	Grant	64,320		4-20-60		
	Jarboe	71,720		4-20-60		
	Morrow	96,565		4-20-60		
	Wenaha	121,860		4-20-60		
Umpqua	Bohemia	157,000	157,000	7- 5-56	9-17-58	2-16-59
	Steamboat	24,000	24,000	7-31-57	12-24-59	5-23-60
	Cow Creek	67,000		4- 6-60		
	Jackson Creek	86,000		4- 6-60		
	Divide	9,400		4- 6-60		
	South Umpqua	161,616		12-13-60		
Wallowa-Whitman	Dooley Mtn-Buffalo	44,000	44,000	6- 1-56	2-21-57	7-29-57
	Pine	82,230	82,230	7- 5-56	2-21-57	7-29-57
	Woodley	35,250	35,250	7- 5-56	2-27-57	7-29-57
	Unity	37,500	37,500	7- 5-56	2-21-57	7-29-57
	Baker "A"	79,120	79,120	3-22-57	5-28-58	10-27-58
	Baker "B"	63,557	63,557	3-22-57	12-24-59	5-23-60
	Baker "C"	119,093	10,600	3-22-57	10-27-60	3-27-61 [#]
	Bull Run	22,200	22,200	3-22-57		
	Whitney	55,270	17,570	3-22-57		
	Eagle	89,600	89,600	3-22-57		
	Limber Jim-Sheep Cr.	39,780	39,780	3-22-57	5-21-58	10-20-58
	Snake River	31,750	31,750	3-22-57	5-22-58	10-20-58
	Summit	35,720	35,720	3-22-57	12-24-59	5-23-60
	Sheephead Mtn.	3,200		5- 3-60		
	Imnaha	280,000		12-13-60		
	Chesnimnus	287,972		12-13-60		
	Sled Springs	106,200		12-13-60		
	Mt. Emily	49,280		12-13-60		
	Beaver	43,640		12-13-60		
	Burnt River	64,720		12-13-60		
Willamette	Little North Fork					
	Santiam	22,600	22,600	2-21-56	2-27-57	7-29-57
	Quartzville	28,000	28,000	2- 2-56	11-1-56	4- 1-57
	Blue	17,600	17,600	7- 5-56	9-25-57	2-22-58
	Blue River	170,200		7- 8-57		
	Cascadia	162,000	162,000	7- 8-57		
	Detroit	281,950	224,000	7- 8-57		
	TOTAL	8,200,549	3,277,661			

LAND DETERMINATION AREAS CURRENTLY
BEING EXAMINED BY U. S. FOREST SERVICE
AND U. S. BUREAU OF LAND MANAGEMENT



LAND DETERMINATION AREAS CURRENTLY BEING EXAMINED BY
U.S. FOREST SERVICE AND U.S. BUREAU OF LAND MANAGEMENT

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FOREST SERVICE AREAS

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|-----------------|-------------------|------------------|-------------------|
| 1. Sled Springs | 12. Phillip Creek | 23. Silver Butte | 35. Whitney |
| 2. Chesnimnus | 13. Mt. Emily | 24. Sheep Creek | 36. Unity |
| 3. Imnaha | 14. Starkey | 25. Limber Jim | 37. Dooley Mt. |
| 4. Snake River | 15. East Ukiah | 26. Beaver | 38. Clear Creek |
| 5. Pine | 16. West Ukiah | 27. Woodley | 39. Burnt River |
| 6. Summit | 17. Ellis | 28. Baker | 40. Bull Run |
| 7. Eagle | 18. Morrow | 29. Buffalo | 41. Sheephead Mt. |
| 8. Wenaha | 19. Grant | 30. Olive Lake | 42. Canyon |
| 9. Jarboe | 20. Wheeler | 31. River | 43. Prairie City |
| 10. Tallgate | 21. Desolation | 32. Long Creek | 44. Bear Valley |
| 11. Umatilla | 22. John Day | 33. Dixie | 45. Drewsey |
| | | 34. Twin | 46. Burns |

RESUMÉ OF U. S. BUREAU OF LAND MANAGEMENT PUBLIC LAW 167 WORK*

AREAS EXAMINED AND ADVERTISED

<u>Deschutes County</u> May 25, 1960	<u>Josephine County</u> June 11, 1958
T. 21 S., R. 10 E. T. 22 S., R. 10 E.	T. 39 S., R. 7 W.
<u>Douglas County</u> October 28, 1959	<u>Klamath County</u> May 25, 1960
T. 29 S., R. 2 W. T. 31 S., R. 4 W. T. 32 S., R. 4 W. T. 32 S., R. 5 W. T. 32 S., R. 7 W. T. 33 S., R. 7 W.	T. 23 S., R. 9 E.
<u>Jackson County</u> December 10, 1958	<u>Josephine County</u> April 1, 1959
T. 33 S., R. 2 W. T. 37 S., R. 2 W. T. 40 S., R. 2 W. T. 33 S., R. 3 W. T. 39 S., R. 3 W. T. 33 S., R. 4 W. T. 34 S., R. 4 W. T. 38 S., R. 4 W.	T. 33 S., R. 5 W. T. 35 S., R. 5 W. T. 35 S., R. 6 W. T. 38 S., R. 6 W. T. 33 S., R. 7 W. T. 35 S., R. 7 W. T. 40 S., R. 7 W. T. 33 S., R. 8 W. T. 34 S., R. 8 W. T. 35 S., R. 8 W. T. 34 S., R. 9 W.

AREAS EXAMINED AND NOT ADVERTISED

<u>Crook County</u>	<u>Josephine County</u>
T. 17 S., R. 19 E.	T. 33 S., R. 6 W. T. 34 S., R. 9 W. T. 35 S., R. 9 W.
<u>Curry County</u>	
T. 31 S., R. 14 W.	
<u>Douglas County</u>	
T. 24 S., R. 1 W.	
<u>Jackson County</u>	<u>Lane County</u>
T. 34 S., R. 2 W. T. 34 S., R. 3 W. T. 35 S., R. 3 W. T. 34 S., R. 4 W. T. 36 S., R. 4 W. T. 36 S., R. 2 W. T. 38 S., R. 3 W. T. 39 S., R. 3 W. T. 38 S., R. 4 W. T. 39 S., R. 4 W. T. 37 S., R. 2 E.	T. 23 S., R. 1 W.
	<u>Wheeler County</u>
	T. 7 S., R. 22 E. T. 8 S., R. 22 E. T. 11 S., R. 24 E. T. 11 S., R. 25 E.

*In most instances only part of township has been examined. Exact areas examined can be obtained from U. S. Bureau of Land Management.

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NEW DRILLING PERMIT ISSUED

Humble Oil & Refining Co. was issued a new permit by the Department on December 9, 1960, for the drilling of "D. J. Leavitt No. 1". Humble moved the Sun Drilling Co. rig from the Thomas Creek site to the Leavitt property early this month. The new location is adjacent to Highway 395 about four miles south of Lakeview. Coordinates were given as 412 feet south and 991 feet west from the NE corner of Sec. 2, T. 40S., R. 20E., Lake County. Elevation of the ground is 4784 feet. This location is not contained in the Thomas Creek Federal Unit.

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IRVING B. HAZELTINE

Irving B. Hazeltine, lifetime resident of Grant County, died in Canyon City November 10 at the age of 80 years. Son of one of the first Canyon City gold miners, Hazeltine also mined gold, and during World War I he produced and shipped large quantities of chrome ore. Mr. Hazeltine was active in many aspects of Oregon mining and was a member of several mining organizations.

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SHELL OIL PROPOSES OREGON OFFSHORE LEASE

The Shell Oil Company awakened new interest in the search for oil in Oregon this month when it applied to the State Land Board for rights to lease the entire submerged coast land owned by the State. Terms in the proposal specified payment of 25 cents per acre annual rental plus $12\frac{1}{2}$ percent royalty and a commitment to drill a 7,000-foot hole offshore within two years. The yearly rental would amount to \$150,000. Besides this, Shell agrees to spend a minimum of \$150,000 a year on geological exploration beginning with the third year and until termination of the ten-year lease.

The Shell proposal was considered at a meeting of the State Land Board in Salem November 3, 1960. It was decided at this meeting that no action could be taken on the lease until an opinion was obtained from the Attorney General's office. The subject was raised again at a meeting of the State Land Board on December 20, 1960, at which time Attorney General Robert Y. Thornton ruled that the Land Board did not have authority to lease the submerged lands of the State under existing statutes. Governor Mark O. Hatfield, during the discussion, asked that appropriate legislation be drafted for the next session of the Legislature, setting up conditions under which offshore lands could be leased.

A public meeting is to be held January 5, 1961, in the Attorney General's office in Salem at 2:00 p.m. Oregon State officials will discuss with representatives of the Western Oil and Gas Association and the California State Lands Division the problems encountered in California offshore leasing and drilling and the manner in which they were solved. This meeting is to provide background for preparation of legislation.

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GOLD MINES FORM COUNCIL ON MONETARY EDUCATION

An informal organization of gold producers has been launched under the name of C.O.M.E. (Council on Monetary Education). Membership in the group is to be restricted to U.S. citizens and domestic corporations inasmuch as C.O.M.E. intends to work with U.S. senators and representatives, administration, and cabinet personnel, and participation at this level by foreign interests is not considered ethical. With the many new faces in Washington, in both legislative and administrative positions, a campaign of education must be pursued. Under consideration at present are the following objectives:

1. Allow American citizens to own and trade freely in gold.
2. Require the Treasury to hold monetary stocks of gold (and silver) exclusively for monetary purposes.
3. Require the Federal Reserve to increase the present 25 percent ratio, by stages, until all Federal notes and deposit liabilities are fully convertible. The gold for this purpose is to be purchased at such prices as a free gold market affords.
4. International convertibility of the U.S. dollar to cease when full convertibility is restored.
5. Help to be given other governments to restore gold (and silver) coinage as a standard value.
6. The government to give immediate recognition to the increased cost of production of gold (since the \$35.00 price was established in 1934) by payment of a premium for newly mined domestic output.

The organization activities of C.O.M.E. are being directed by L.L. Huelsdonk of Best Mines Company, Inc., Downieville, California. Henry L. Day of Day Mines, Inc., Wallace, Idaho, serves as treasurer. Dr. Elgin Groseclose, financial analyst, Washington, D.C., has been retained as technical consultant.

An invitation is issued to all interested in the domestic production of gold and a sound monetary policy to "COME and join our organization."

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KOCH AWARDED RESEARCH GRANT

George S. Koch, Jr., Assistant Professor of Geology at Oregon State College, has received a \$23,000 grant from the National Science Foundation for a three-year study on distribution of ore in mine veins. Cooperating with him is Richard F. Link, Associate Professor of Statistics at OSC. They will do basic research into the zoning of ore at two large mines in Mexico where extensive ground is exposed to inspection and thousands of mine assays are available. High-speed data-processing machines will play an important part in the study. The findings will be valuable in predicting distribution of ore deposits. Koch and Link have been studying metal zoning in mines since 1958. They presented a joint paper entitled "IBM Processing of Mine Assay Data" at the 1960 Pacific Northwest Metals and Minerals Conference held in Portland last April.

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WELL-RECORDS LIST PUBLISHED BY THE DEPARTMENT

"Well Records on File of Oil and Gas Exploration in Oregon," by V.C. Newton, Jr., was published by the Department this month as Miscellaneous Paper No. 8. Records of oil and gas drillings contained in the Departmental files are listed in the report along with mention of wells for which representative cutting and core samples may be seen. The price of this 9-page paper is 25 cents.

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ORE AT PORT OF PORTLAND MOVING TO SMELTERS

Lead and zinc ores and concentrates from Peru, Bolivia, Australia, Honduras, and Guatemala, which have been stockpiled for more than seven months at Terminal 4, Port of Portland, because of the mine and smelter strike at Kellogg Idaho, are once again moving.

The 20,000 tons of stockpiled material, estimated to be in excess of \$1.5 million in value by the Portland Commission of Public Docks which operates the ore-handling facilities, is being loaded into gondolas at a rate of 70 tons per hour. The Commission handled 116,056 tons of ore and concentrates in the first 11 months of this year as compared to 69,696 tons for last year. About May 1, 1961, a bulk unloader, capable of handling 900 tons of ore an hour, will be in operation. This equipment will give the Port the finest ore-moving facilities on the Pacific Coast.

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JEROME APPOINTED TO NEVADA BUREAU OF MINES

Dr. Stanley E. Jerome has been appointed Associate Director of the Nevada State Bureau of Mines and the Nevada Mining Analytical Laboratory, public service agencies of the Mackay School of Mines of the University of Nevada.

He will direct research projects and supervise activities of the Bureau and laboratory in the field and on the campus. Prior to his appointment, Dr. Jerome was consulting geologist for Hunting Geophysical Services, Inc., Salt Lake City, Utah. Prior to this, he served as District Geologist of the Bear Creek Mining Company, a subsidiary of Kennecott Copper Corporation, and as Chief Geologist for Gulf Minerals Company. From 1937 to 1954, he was employed by New Jersey Zinc Company as Assistant to the Western General Manager of that Company. (Nevada Mining Association News Letter, December 15, 1960)

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