

THE DRY FARM STATION

Harney County's Prospects Bright for Demonstration Farm.

COUNTY COURT APPROPRIATES

Prof. H. D. Scudder and C. E. Bradley of the Agricultural College Here to Investigate and Meet Enthusiastic Support—People Ready to Grant Every Requirement They Desire.

Prof. H. D. Scudder and Prof. C. E. Bradley, both of the Agricultural College at Corvallis, arrived in this city last Saturday for the purpose of investigating conditions in connection with the establishment of an experimental station or demonstration dry farm proposed by the recent legisla-

Prof. Scudder states there has been no selection nor will there be until all sections have been examined and a report handed in to the proper authorities. There are four Eastern Oregon counties being considered, Harney, Gilliam, and Sherman. The first three are in a tier, each being on the Columbia river. The northern part of the county has been visited as soon as the gentlemen reached Corvallis they will get data from all and will then prepare their report setting forth the claims of each county as well as their own observations and recommendations. It is expected that the station will be located the first of next year. Work will begin at once as soon as possible after the location has been made. The gentlemen are most favorably impressed with this section and are confident of a very favorable report.

The gentlemen were given an opportunity to see the Harney Valley and its surrounding territory, leaving here this morning in a touring car company with I. S. Geer and Wm. Hanley, they went to Malheur and Narrows, going south along Lake and around by Point to Laven back to Burns. On Sunday evening a meeting of the Commercial Club was held and the gentlemen discussed the matter with present. On Monday morning the same party made a day to Wagon Tire, returning here evening, thus getting a view of both our valley lands and the bench section.

A general meeting was called at the court house Wednesday morning at which the members of the county court were present as well as a large number of business men of this place and others from various parts of the county. This proved a very interesting and enthusiastic meeting.

Prof. Scudder was asked to speak and he was not permitted to do so until he had given a most instructive lecture on dry farming methods and suggested many ways of value to local farmers. Prof. Scudder said they were not struck with the immensity of this section but also with its limited possibilities along the line of dry farming. They have had half-dozen types of soil all of which were good and from his personal observation would pick money against all competitors in the establishment of such a station from the fact that we have such a wide range for such work in having a variety of soils, elevations, climate, etc., in fact every opportunity for dry farming. He explained it was not such an experiment as a demonstration farm that was to be established and that they cooperate with the farmers—not direct but actual work.

Prof. Scudder stated that cereals will be the best crop for this section and when we get transportation wheat would be the main crop. However, he recommended the growing of alfalfa until such time as we could reach a market for our grain. He stated that there was hardly an acre in Harney county above the irrigation line but would grow 40

bushels of wheat with our rainfall properly handled. The same is true of alfalfa. Prof. Scudder explained the advantage of seeding the soil to alfalfa as it enriches the ground and makes it more valuable. From two to three tons of alfalfa can be grown on the uplands and that is the proper place to grow alfalfa and not on the water soaked lowlands. He also spoke of field peas being a profitable crop.

Prof. Scudder says the dry farm method of producing alfalfa is not a theory, as scientific work has shown water a detriment to its growth—that its long life—as water precludes the air and the tap root stops at the depth to which the water is held. On the other hand when seeded on dry land this tap root will go to a great depth seeking water and thus give the plant greater strength and an undetermined lease of life. He recommends thin seeding with a drill, 15 lbs to the acre and this one-half at a time, drilling first one way, then across. He discourages a "nurse" crop but says alfalfa alone and not to pasture first year but to cultivate with disc which splits crowns of the plant causing it to spread and killing the weeds.

Alfalfa for seed would be a success here according to Prof. Scudder. For this purpose it should be seeded very thin. Alfalfa seed gives five times as much profit to the acre. The gentleman closed his remarks by saying we should have every consideration at their hands and they were well pleased with the spirit shown here in the establishment of the station. They were in no wise prejudiced and knew no dividing lines in counties but were investigating the entire Eastern Oregon with a view of locating the station where it would do the most good to the greatest number.

Prof. Bradley talked only a short time but said it was a vast country capable of producing untold wealth. That we hardly realized our resources. Prof. Bradley is analytical chemist at Corvallis and said he was well pleased with our soil and soil conditions. With such conditions together with proper conservation of our moisture this section can be assured of profitable crops each year and not have to resort to the methods used in other localities of allowing the soil to be idle every other year.

then drawn up and signed by the court:

"In the matter of the Dry Land Experiment Farm.

"Now on this 22nd day of April 1909 comes in for consideration the matter the Dry Land Experiment Farm and it appearing that Professor H. D. Scudder representing the Oregon Agricultural College in conjunction with Professor C. E. Bradley representing the Agricultural Department of the United States have, in accordance with the law, made an inspection of Harney County, State of Oregon, with a view of reporting upon a suitable location for said Dry Land Experiment Farm; and it being necessary under the law for the County selected for the location of said Farm to furnish the land necessary for semi farm, to wit: 320 acres and all buildings and improvements to cost approximately \$6000.00; and

"It further appearing at this time that it is the sense and wish of the taxpayers of this County represented at this time as follows, viz:

"The W. V. & C. M. W. R. Co. by Wm. Hanley; Henry L. Corbett, represented by Wm. Hanley; the William Hanley Company, by Wm. Hanley; N. Brown & Sons, represented by Mr. Ben Brown; H. C. Levings; The Harney County National Bank, by C. F. McKinney; Geer & Cummins, by I. S. Geer; W. B. Parker; W. L. Best; and others; that the Court make an appropriation of the sum of Six thousand dollars or such sum as is or will be necessary for the purpose of said farm should this County be selected as the location of said farm, and

"The Court being at this time sufficiently informed, and appreciating the value of said farm, and Mr. William Hanley having in open Court, offered to donate the necessary land for the use of said farm without cost to the State or County.

"It is therefore ordered that in the event that Harney County is selected as the location of said farm, there shall be and is hereby appropriated out of the General Fund of this County for the use of said farm the sum of \$6000.00 or such sum as is necessary under the law for such purpose.

J. P. RECTOR
L. N. STALLARD
G. A. SMYTH."

Prof. Bradley and Scudder left Thursday morning by stage via Austin and intended to proceed at once to Corvallis where they will prepare a report. The court order together with other data being gathered by a local committee will follow at once and make up a part of this report.

We all feel greatly encouraged and that Harney's chances for the location are practically assured.

WONDER IF THIS IS TRUE.

E. H. Harriman will forestall any movement for a state or district aided railroad from Boise to Coos Bay. Extensive construction work is to commence on the Central Oregon railroad just as soon as surveys can be made and grade stakes set.

No official announcement of any such intention has been made but during the past week General Manager Bancroft of the Oregon Short Line, Division Superintendent Jones and a number of Harriman officials visited Vale. The following day Chief Engineer McDonald in charge of the survey on the Minidoka extension with a force of men, dropped the work there and proceeded to Vale where the corps commenced work on a survey up the Malheur canyon.

The Central Oregon road has been constructed from Ontario to Vale and the resumption of that point is viewed as an assurance that Harriman proposed to build the road through to the coast, running across the state of Oregon south of Burns. The section of the road through the Malheur canyon, when completed, will place the Harriman system in control of the situation and once constructed would preclude the possibility of a parallel line, as the right-of-way is too narrow to permit a second road. Thus the outlet for a state-aided railway would be shut off.—Ontario Argus.

PROSPECTS FOR OIL GOOD

Company Organized to Begin Active Development Work Now.

CAPITALIZED AT TWO MILLIONS

M. Valerius, Experienced Oil and Gas Man, General Manager of Company, Considers This the Best Undeveloped Field Now Being Prospected—Local Men Identified With Enterprise.

The Harney Valley Oil & Gas Co. has been organized by good, substantial men. The officers are: Dr. H. Denman, president; M. Valerius, vice-president and general manager; J. C. Turney, secretary; and J. L. Gault, treasurer. The board of directors include the above named and Fred L. Johnson, of Vale, Dr. H. M. Horton of Burns, S. M. Talbot of Boise and R. B. Post of Prineville. The company is organized for the purpose of developing this great inland empire in the line of oil, gas and minerals.

According to the opinion of men who are experienced and who are capable of judging, we undoubtedly have one of the best gas wells on the Pacific slope with the result that our oil prospects are far superior to any other undeveloped district now being prospected. The gas is in good dry, gas sand, and the volume is increasing with the two inch casing filled to within 10 feet of the surface, even with over 350 feet of solid packing this flow is increasing. This indicates something of vast importance to men familiar with such conditions.

We understand it is the intention of the company to drill three wells in what is known as the triangular system. The deep well is to be the third one, and to those familiar with the matter this system appeals as a very good method scientifically and no doubt is very practical.

Every citizen and taxpayer of Harney should take a particular interest in pushing the development to the utmost of his ability, for it means to us one of the greatest steps toward the advancement of our mutual interest. Let us lay aside all personal differences, investigate this enterprise thoroughly, and if it has merit, put a shoulder to the wheel of prosperity with the spirit that is bound to win.

A combination machine of both standard and rotary will be installed on the ground as soon as possible. Mr. Valerius informs us the Ontario people are progressing quite rapidly and satisfactorily with their new machine of this character and are to be commended upon the good substantial support received from local people, and they will no doubt make a success of their undertaking. He further states that the Ontario people were fortunate in securing good reliable men to handle the machinery.

From conversation with Mr. Valerius one is impressed with the idea that he is thoroughly familiar with such work and the district will have the good fortune to have a competent man at the helm in him as general manager. The company starts out with a good line of holdings, both quit-claims and leases, for over 8000 acres of land near the present gas well and there is no doubt that a strong flow of gas will be reached and when the lower sand is penetrated the pressure should be very strong, accompanied by a strong flow of oil.

We can hardly conceive the magnitude of a find of oil and gas in paying quantities, and we should help the company as best we can. From those not able to assist by purchase of stock, a good word will help a great deal. It is impossible for a few to handle a proposition of this kind as it takes a great deal of money and although we understand that a majority of the stock will be taken up in the east, whatever help we can give will show our appreciation of the development

SPOLS HIS SONG.

The following was sent from Drewsey to the Portland Journal: "Doctor" Squash and George Washington said to be two of the oldest Indians in Harney County, reside at Drewsey in their tepee. "Doctor" Squash is totally blind, but has resided here so long that with the aid of his cane, he can go to any place in the county without feeling lost. He is the only Indian out of the whole tribe here that has ever been known to sing. Once in a while some of his close white friends can persuade him to sing what they describe as an Indian chant.

A very pathetic story was recently related here as to his usual devotion to little May Beede, a little white girl here, whom he had known ever since her birth about 14 years ago. He never refused to sing for her. She did not have that fear of Indians peculiar to white children not used to seeing them often but would sit down by his side and converse with him the same as she would with her own grandfather. During the typhoid epidemic which raged here last fall, little May fell a victim to the ravages of the disease and died November 26. The old blind Indian was absent in Burns at the time, but as the weather began to grow colder he proceeded to retrace his steps homeward. He walked all the way, a distance of 50 miles, from Burns to Drewsey, with the aid of his cane, never stopping except for short rests, until he reached the door of little May's home, at which time he was told that in his absence she had gone.

He sat down on the porch and wept broken-heartedly, and has never been persuaded to sing again. His answer to all inquiries as to why he now refuses to sing is: "My papoose is dead; my heart is broken."

BEST LIVESTOCK.

(Prof. W. T. McDonald.) The only practical method by which the fertility of the land may be maintained is the feeding of livestock of some kind or another and returning the fertility to the soil in the form of manure. When a crop is fed on the farm from 80 to 95 per cent of the fertility which it has taken from the soil is returned as manure and only the small balance sold off in the finished product. But in order that a profit may be insured, only good stock should be handled.

In the selection of cattle we should choose one or the other of two types, the beef or the dairy type. These two types are directly positive. The beef have been bred and developed along the line of using the feed consumed for the production of beef. On the other hand, the dairy cattle have been developed in such a manner that they use their food for the manufacture of milk instead of the production of beef. In form there is a marked distinction. The beef cow is blocky and thickly fleshed, while the dairy cow is angular and sparsely fleshed. Because of these opposing qualities, it is well nigh impossible to combine a satisfactory degree of milk and beef production in the same animal.

AUCTION

I will hold regular auction sales on the first and third Saturdays of each month at the C. A. Sweek barn in Burns. Bring in anything you have for sale and get your money for it. Special attention given to sales in the country.

W. T. SMITH,
Auctioneer.

Personal Mention

EVERYBODY'S MAGAZINE has come back to town on a visit, after nearly two weeks' absence. He says he hopes to stay quite a while with a number of the best families; he brings with him a lot of new stories—good ones; his health is much improved. In breeding horses for draft purposes on the farm, we must keep in mind that weight is of very great importance. Conformation is likewise important, because it indicates the degree of strength and utility. The horse should be well muscled, have an intelligent head, sloping shoulders and pasterns, plenty of bone of good quality, and a good middle.

In breeding livestock of any kind, only pure blood sires should be used and the sires should always belong to the same breed. The mixing of breeds almost invariably results in disaster to the quality of the offspring.

FOR SALE—Thoroughbred Red Durham Bulls from one to three years old.—Cal Clemens, Burns Oregon.

LADIES' NECKWEAR FOR SPRING 1909

Embroidered Linen Collars, Lace Collars and Bows, New Ascots.

Call and see our new Waistings & Wash Materials
We are showing the strongest spring line of Ruching, Neckwear, Ladies Belts, Silk, Net and Lawn waists ever brought to Eastern Oregon.

Something new in Sorosis Underskirts in Silks and Satines

We handle exclusive patterns in the above and nothing shown by us is handled in the Interior.

All Waists, Neckwear, Belts and Underskirts are selected from New York stocks and are Spring Styles.

Brown's Satisfactory Store.

The Harney Valley Brewing Co.
Manufacturers of
PURE BEER
and
Pure Soda Water
Family Trade Solicited—Free Delivery
T. E. JENKINS, Manager

THE CAPITAL SALOON,
CHAS. BEDELL, Proprietor.
Burns, Oregon.
Make This Headquarters.
Wines, Liquors and Cigars.
Billiard and Pool Tables.
Club Rooms in Connection.

M. L. LEWIS
Will be glad to furnish
PARTICULARS
and **PRICES**
To anyone desiring
INFORMATION.
See his Handsome
DESIGNS.

The OVERLAND HOTEL
Burns, Oregon
Afford the Best Accommodations
to be had in Harney County
CLEAN ROOMS, CHEAP DINING, PLEASANT VICTUALS
The patronage of all guests under the old management especially solicited.
Rates \$1 a day, \$6 a week, \$22 a month
Henderson Elliott, Propt.

FOR CONSTITUTION.
Mr. L. H. Farnham, a prominent druggist of Spirit Lake, Iowa, says: "Chamberlain's Stomach and Liver Tablets are certainly the best thing on the market for constipation." Give these tablets a trial. You are certain to find them agreeable and pleasant in effect. Price, 25 cents. Sample free. For sale by all good dealers.

STEVENS
5 Generations of live, wide-awake American Boys have obtained the right kind of FIREARM EDUCATION by being equipped with the unerring, time-honored STEVENS
All progressive Hunters and Sportsmen should have a STEVENS. If you cannot get one without delay, express it upon receipt of Catalogue.

FOR SALE—330 acres of hay land. Inquire at this office.

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