

Chamberlain Well on Cat Creek's West Dome Flowing More Than 400 Barrels of Pipeline Oil Daily From Pay Zone in Deep Sand

One of the best wells completed in Montana in many months has been brought in by Ralph Chamberlain of Great Falls, veteran Montana operator, on the Rhens lease at the western edge of Cat Creek's West Dome.

Perforated with 62 shots in the Morrison sand from 1735 to 1783, the well is flowing a gallon of pipeline oil every three seconds, which according to field mathematicians gives it a flowing initial of approximately 480 barrels daily.

The lease on which the well was drilled had been operated by Chamberlain for years and before deep sand development began in this field, was down to a daily total output of about 14 barrels, from 10 shallow first and second sand producers.

Last year Chamberlain deepened one of the old producers through the third Cat Creek water sand and into the Morrison sand, getting a production of about 40 barrels daily, pumping, from this horizon— or almost triple the former output of the lease.

This well was promptly offset to the east by the Continental Oil

Company which passed up the Morrison sand and went on down to the Ellis. This well at one time was pumping nearly 100 barrels daily from the Ellis, with the Morrison sand untested.

The well just drilled in by Chamberlain is on the A-18 Rhens, a north offset to his first deep well, and a diagonal northwest offset to the Continental-Harlan 11.

Completion of the Chamberlain well, on the fringe of what was the main producing area of the West Dome in the days of shallow sand development, is regarded as likely to bring about some drilling in what was the best parts of the main dome while first and second Cat Creek sand production was being sought. This dome produced most of the field's output of more than \$25,000,000 in oil of around 49 gravity.

Good saturation was cored in the Ellis sand in the Chamberlain well, but for the time being no effort will be made to test this horizon.

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Texaco Gets Best Wells, North Field

Best completions of the week in the Kevin-Sunburst field were registered by the Texas Company, all in the field's most heavily-drilled area, Township 35 north, Range 2 west.

Texaco-Bruins-Kesun No. 22, C SE SE 10-35N-2W, acidized at 1617, responded with a pumping initial of 102 barrels of oil the first 28 hours, and Texaco-Kenney-Kesun-Joint No. 12, C SE NE NE 15-35N-2W, acidized at 1594, had a pumping initial of 31 barrels. Neither well is making any water.

Many miles to the southeast, Hewson & Hewson have completed their No. 1 Woldveldt, SE NE SW 6-34N-1W, as what appears to be a commercial producer. The first 48 hours

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Bowdoin Deep Test At 3294

Sampling carefully and therefore making slow progress, Texaco's deep test on Bowdoin dome in northeastern Montana this week reported hole made past 3294 feet, presumably in the Madison lime.

Tops reported in this well are Eagle, 70 feet, and Ellis, 2450 feet. This is now the deepest well ever drilled on this vast structure, from the standpoint of both stratigraphy and footage.

Likely to have a profound effect on future oil development over a vast area, it is one of the most closely watched wells now being drilled in the entire nation.

Greene Heads Union's Land Department

R. G. (Scotty) Greene, former Union Oil company geologist known to many in Montana, has been named manager of lands and leases for the company.

He replaces John L. Church, who has been appointed assistant to Union's Vice President John A. Rubel, on special assignment.

A graduate of Stanford university, class of 1923, Greene began his association with the company in 1925 as a geologist. His first assignment was in Venezuela where he remained until returning to California in 1929. Seven years later he severed his connection with the company to head up the Union Pacific railroad's geological department. Since his return to Union Oil in November of last year, he has organized and established the company's northwest land division in Seattle.

Noon Wildcat Changing Rig

W. A. Noon is reported changing to National machine in his No. 1 Sheets, 9-31N-1E, about 10 miles southeast of Shelby, after spudding and drilling to 100 feet.

Montana Journal

ESTABLISHED 1921 PUBLISHED WEEKLY
Volume 26 Great Falls, Montana, November 9, 1946 Number 34

PONDERA EXTENSION WELL HAS HOLE FULL OF WATER

That the productive area of the north part of the Pondera field does not extend very far north of present production was indicated this week when Hawley-Skog No. 1, NE NE NW 3-27N-4W, got sulphur water in the top of the Madison lime, which was topped about 75 feet lower than in the nearest producing wells to the south.

MON-O-CO DEEP TEST DRY, 4941

Mon-O-Co-N. P. No. 1, NW NE NW 19-7N-19E, wildcat on the Harlo dome section of the Shawmut anticline 20 miles southeast of Harlowton, is being plugged and abandoned as a dry hole at 4941 feet.

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ROTARY MOVING IN FOR TWIN BUTTES WILDCAT

To be watched with great interest for a variety of reasons is the wildcat to be drilled by the Union Oil Company of California on the Twin Buttes structure in Stillwater county, for which Bill Clark is now moving in rotary tools.

The block on which the well is being drilled, as well as another block in the area taken over by Union, was originally included in a vast spread of 52,000 acres leased by J. G. Wheeler of Casper and associates.

Total acreage finally taken by Union in the two blocks was approximately 32,000 acres, one block including the Six Shooter anticline, on which a substantial gas flow was found by a well drilled several

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Program Announced For RMOGA Session In Denver, Nov. 21-23

CASPER—Entertainment will give stiff competition to the outstanding business sessions planned for the annual meeting of the Rocky Mountain Oil and Gas association to be held Nov. 21-23 in Denver, Colo., according to H. O. "Tex" English, executive secretary of the association.

Kalispell Wildcat Makes Hole to 1425

H. L. Poston has landed 7-inch pipe at 1403 feet in his wildcat near Kalispell (the only well now drilling west of the Rockies in Montana) and is making hole at 1425 feet, in pink, yellow and green clay, apparently glacial drift. This is the deepest well ever drilled in that area.

Tarrant Haymaker Well At 530 Feet

R. C. Tarrant is reported drilling past 530 feet in his wildcat in 21-9N-13E, on the Haymaker structure west of Harlowton.

His wildcat on the Shawmut anticline, a few miles south of Harlowton, is drilling at 690 after getting a show of sulphur gas at 350.

Cut Bank Field Has Dull Week

Bogged down by a 14-inch snowfall last week and by another of lesser caliber that swept the field Thursday afternoon, operators in the Cut Bank field failed to turn up with any startling developments as the week ended.

Four new wells were commenced and three wells were registered as moderate completions, with several others nearing the finish line. Some wells that were drilled in last week are now on test but adverse road conditions prevented scouts from ascertaining their status.

Up in the lime area at the north end of the field, Carter's No. 1 Doorenbos, a westward extension of the Madison lime producing district, was counted a completion after pumping 80 barrels the first 24 hours, 2 percent BS and water.

Two and three-quarters miles to the southeast, at the southeastern extremity of the lime area, Texaco's No. 2 Stuft, C NE SW 19-36N-5W, turned in an unpromising performance causing some doubt of further extensions of the pool in this direction.

It pumped 34 barrels of oil and 15 barrels of water the first 24 hours, 25 barrels of oil and 2½ barrels of water the next 24 hours, and 22½ barrels of oil and 2½ barrels of water the next 21 hours.

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Think Devil's Basin Test In Devonian Lime

Now reported making hole in the Devonian formation, with plans made to go to the granite, Bill Clark's deep test on the apex of the Devil's Basin field is drilling with rotary tools past 3670 feet.

The bit is now working in formations never before tested on this structure, Montana's first oil field. To present depth, no encouraging showings have been reported, with the exception of minor gas flows.

Nine miles to the southeast, on the flank of the structure and in an area believed cut off from the main field by faulting, the Lucky Six Oil Company is reported to be drilling again after landing 8¾-inch pipe at 874. This well reported water, with a showing of oil, in the first Cat Creek sand.

Hunt Shut-Off Point In Burks-Teigen Test

Burks-Teigen No. 1, wildcat on the McDonald Creek anticline, 13 miles northwest of Winnett, is reported drilling and carrying 10-inch pipe at 930 feet. This well is hunting for a point to try for a shut-off of an artesian water flow, uncorked at 825 feet when the bit went into what was probably the third Cat Creek sand. Objectives of this test are the deep sands now productive in the nearby Cat Creek field, all of which should be tested within the next few hundred feet.