

Interest in Wyoming Still Centered on Deep Pay Zones

CASPER—Results recently obtained by deep wells, and plans announced for the drilling of others, continued to hold major interest in Wyoming oil fields during the week.

Mountain Fuel Supply Company has made location for another well on the Church Buttes structure in southwestern Wyoming, near its No. 1 Gov't that recently broke all Rocky Mountain area depth records and that is showing for production from several horizons. The No. 1 is being tested through perforations at various points opposite the Dakota-Lakota sands and in other horizons from 12,860 feet to total depth of 12,894 feet and has made strong gas flows with considerable distillate. Indications are that the well will be a very substantial producer.

In the northern part of the state, near Worland in the inner portion of the famed Big Horn basin, General Petroleum Corp. has entered the picture by staking location for a deep test in SE SE SE 24-46N-92W. This is 15 miles southeast of the Pure Oil Company deep test that upset the dope book and threw tradition to the winds by going out into the hitherto-unexplored inner section of the basin—and finding high-gravity oil in the Embur, topped at 9,978. Completion of this well has been delayed by freezing of the tubing and a specially trained crew is now working on a solution for this problem. Pure has two other wells drilling nearby.

Outlook now is that before the summer is over Wyoming will be the scene of a great deal of additional drilling, in areas in which pay horizons were believed too deeply buried to warrant expense of exploration.

The full Wyoming report:

Badger Basin
(Park County)
Resolute-N. P. No. 8
C NE SE 7-57N-101W
Drilling, 6880.

Bailey Dome
(Carbon County)
Wasatch-Cameron No. 1
CWL SW SW 13-26N-89W
Top first Frontier, 3172; Dakota, 4990-4450; cored silty sand, 4900-10; spotted stain in upper 2 feet; drilling, 6889.

Beaver Creek
(Fremont County)
Stanford-Unit No. 3
C NW NE 14-33N-96W
Spudded 4-5-46; drilling, 3685.

Big Horn Structure
(Big Horn County)
Hageman-Pond-Hanson No. 1 Herron
NE SE NE 31-53N-92W
Standing, 1810.

Big Muddy
(Converse County)
Continental-Humphrey No. 47
NW SE NE 8-35N-76W
Drilling, 3500.

Continental-J. C. Kinney No. 28
NW SW SE 4-33N-76W
Location. (FIRST REPORT)

Black Mountain
(Fremont County)
Texaco-State No. 3
NE SE 36-43N-91W
T.D., 3644; drilling plug, 2700.

Church Butte Structure
(Uinta County)
Mountain Fuel Supply No. 1
NE SW NW 8-16N-112W
New rig installed at 11,167. Top Mowry, 12,207; top Frontier, 11,751; T.D., 12,894.
Reported to have made gas and distillate on test. Testing thru perf. 12,840-12,860, opposite Dakota-Lakota sands. Flowed at rate of 9,000 M gas daily and 6 bbls. condensate per hour. Tests continuing.

Mountain Fuel Supply No. 2
NE 22-17N-112W
Location. (FIRST REPORT)

Circle Ridge
(Fremont County)
Continental-Tribal No. 5
NE NW SW 6-4N-2W
COMPLETION. Est. 150 BOPD from Tensleep, T.D., 646.

Cole Creek
General Pet.-Well No. 76X-81-G
Sec. 21, T. 36N, R. 77W
Derrick up.

Corley Unit
(Hot Springs County)
Continental-Vannoy No. 2
NE NW NE 3-43N-93W
Drilling, 810. (FIRST REPORT)

Crooks Gap
(Washakie County)
Sinclair-Wyoming No. 5
NW NW NE 16-28N-92W
Location. (FIRST REPORT)

East Lance Creek
(Niobrara County)
Continental-Corsell 4-A
NW SW NE 26-98N-94W
Drilling, 2810.

Elk Basin Field
(Park County)
Continental-N. P. No. 5
NE SE NW 29-57-99
Top Dakota, 5622; DST Dakota sand, 5651-5721 est. 3,000 M ft. gas. Top Sundance, 6268. Top Embur, 7250. Top Tensleep, 7296. T.D., 7311. Testing.
Continental-Ida Goodstein No. 4
NE SW SW 29-57-99
Drilling, 6894.

Frannie Field
(Park County)
Continental No. 6 N. P. No. 2
SE SE SW 23-58N-98W
Top Morrison, 2315; top Sundance, 2645.
Drilling, 3623.
Continental-Max No. 4F
Tract No. 1
Location. (FIRST REPORT)

Garland Field
(Big Horn County)
General Pet.-Isabel No. 1
Lot 69, T. 55N-97W
Preparing to pump, 4490.
General Pet.-Isabel No. 2
Lot 62, T. 55 N., 97 W
Running rods and tubing; T.D., 4367.
Ohio-Klaney Coastal No. 14
Sec. 30-56-97
Testing, 4292.

Ohio-Klaney Coastal No. 15
NW NW NE 24-56-98
Location.
Ohio-Mary Welch No. 1
Lot 62-46-97
Drilling, 3271.

Gebo Dome
(Hot Springs County)
Continental-Unit No. 14
SW NE NE 23-44N-95W
Drilling, 660.

Greybull Field
(Big Horn County)
J. W. Osborn-Krenger No. 1
NW NW NW 20-32N-93W
Standing, 3415.

Kirby Creek
(Hot Springs County)
Hageman-Fisher No. 1
NE NE NE 20-43N-92W
WOC, 265.

Lamb Structure
(Big Horn County)
Hageman, Pond & Hanson-Gov't No. 1
NE SE 12-51-93
Standing, 3668.

Lance Creek
(Niobrara County)
Continental-Rodeo 11 No. 4
S 1/2 NE 35-36N-85W
Drilling, 1680.

Little Buffalo Basin
(Park County)
Stanford-11E
E NE NW SE 1-47N-100W
Spudded 3-23-46; DST 2498-2547, open 45 min., rec. 2,500 MCF gas. Drilling, 3667.

Lost Soldier
(Sweetwater County)
Sinclair-McDermott No. 1
NE NE NW 10-26N-90W
Drilling, 1682.

Explanation Of Symbols

To save time, numerous symbols are used in these Wyoming well reports. Here's what they mean:
BOPD—barrels of oil per day.
BOPH—barrels of oil per hour.
BS & W—Basic sediment and water.
D.S.T. or DST—drill stem test.
MIRT—moving in rotary tools.
MOCT—moving on cable tools.
PB or P.R.—plugged back.
RUBT—rigging up rotary tools.
T.D. or TD—total depth.
WOC—waiting on cement.
WORT—waiting on rotary tools.

Sinclair-100 A
SW SE SE 11-26N-90W
MIRT. (FIRST REPORT)

Lysite Unit
(Fremont County)
Sinclair No. 1
NE NE NW 25-39N-91W
Building derrick.

Maverick Springs
(Fremont County)
Riverton Oil Co.-Tribal No. 11
SE SE NE 22-6N-2W
Standing, 1330.

Middle Baxter
(Sweetwater County)
Mountain Fuel Supply-Hetzler No. 2
SE SE SE 6-18N-108W
Fishing, 4020.

Nieber Dome
(Washakie County)
Farker Bros.-California Co.-Nieber No. 1
Lot 8 Sec. 19-45-92
Rig burned by large gas flow at 5347. Gas in Cody shale, est. 20,000,000 cu. ft. to test Tensleep, expected at 10,000. Set 9 1/2-in. casing at 5689. Drilling, 5776.

North Baxter
(Sweetwater County)
Transeau-Copper No. 1
SW SW NW 12-19N-104W
Location.
Transeau-U. P. No. 3
NE SE NW 11-19N-104W
Drilling, 3195.

Oil Mountain Field
(Natrona County)
Texaco-Clark No. 1
NE NE SW 35-33N-82W
T.D., 3418; P.B., 2675. Testing. Averaging 17.5 bbls. oil per day; 1% water.

Oregon Basin
(Park County)
Ohio-Boston E No. 2
NW NE NE 8-50-100
T.D., 4131; P.B., 3860. Testing.
Ohio-Wilson E No. 1
NW SW NW 9-50-100
T.D., 4130; P.B., 3928. Testing.

Rex Lake
(Albany County)
Wasatch-Coughlin No. 2
NW 26-16-77
T.D., 3970; re-drilled to 3869. Putting on pump.

River Dome
(Washakie County)
Pure Oil No. 1
NW 1/4 18-48-92
DST at 7270, 30 ft. in Frontier, showed for 5,000 M wet gas. Some 55-gravity condensate recovered. Cemented 9 1/2-in. pipe at 7395. Top Muddy 8117. DST 8250 showed 5,000 M gas and 200 bbls. condensate per day. Top Embur, 9978; water in Tensleep, 10,245; Amaden, 10,420; Madison, 10,570; Big Horn, 11,376. T.D.

PB and 7 1/2-in. set, 10,241. Perf. 9690 to 10,025, on DST showed for 2,500 M gas. Perf. 10,020-10,055 open 4 1/2 hrs., 4,000 M ft. sour gas and est. 40 BO. Near completion in Embur. Flowed 72 bbls. in 12 hours. Rotary moved apt. standard derrick erected. Tubing frozen.

Pure Oil No. 2
NW 1/4 12-48-92 1/4
Setting 10-inch, 3250; drilling past 7815. Gas and condensate at 7595 in Frontier. Top 1st Frontier, 7430; 2nd Frontier, 7586; 3rd Frontier, 7638. DST 7669-7747, showed recovery of 290 ft. condensate and 170 ft. oil-cut mud. Coring, 5927.

Pure Oil No. 3
SW SW 17-48-92
Rig up.

Rock River Dome
(Albany County)
Ohio-Harrison & Cooper No. 17
SW SW 2-19-78
Installing pump, 3696.
Ohio-Harrison & Cooper No. 3
NW SE NW 11-19-78
Drilling, 780.

Sand Draw
(Hot Springs County)
Sand Draw Oil Co.-East Sand Draw Unit No. 1
SW NW SW 24-32N-95W
Standing, 6115.
Sinclair No. 3
SW SE SE 10-32N-95W
Drilling, 4470.

Saratoga
(Carbon County)
Reserve-Walker No. 1
C SW SW 12-18N-85W
T.D., 5699; P.B., 6138. Testing.

Shawnee Wildcat
(Converse County)
Carter-C-120
C SW NW 19-33N-89W
Spudded 6-21-46; cored 3600-5, rec. 27 inches dark carbonaceous shale. Re-cemented with 200 sax at 6524. Showed gas in DST, 8850. Drilling, 10,097.

Skull Creek
(Weston County)
Morton & Siegel-Stats No. 1
C SW NE 18-44N-62W
Showing for commercial well in Muddy sand, 3342-3368. Testing, T.D., 3412. P.B., 3365.

Spence Dome
(Big Horn County)
Swartout et al-Spence No. 4
SW SW NW 4-54N-94W
Testing, 473.
McGraw-Gov't No. 1
NW SW SE 9-54N-94W
Drilling, 250, last report.

Squaw Creek
(Fremont County)
Fuerst Oil Co.-Coulter No. 1
SW SE SE 29-33N-100W
Drilling, 796.

Steamboat Butte
(Fremont County)
British-American-Tribal E-8
NE NE NW 5-3N-1W
Derrick up.
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