

RECEIVED

OCT 17 1950

OIL CONSERVATION BOARD
BOARD OF RAILROAD COMMISSIONERS OF THE STATE OF MONTANA

STATE OF MONTANA

ANNUAL REPORT OF
OIL & GAS WELL DIVISION

FOR

FISCAL YEAR ENDED

OCTOBER 31, 1950

PREPARED BY

Fred C. Platt, E. M.
Chief Supervisor
Billings, Montana

H. E. Warner
Supervisor
Shelby, Montana

Deceased Nov. 17, 1950

RESUME OF MONTANA OIL & GAS OPERATIONS
FOR THE FISCAL YEAR ENDING OCTOBER 31, 1950

There were a total of 276 wells drilled in the State, of which 146 were commercial oil wells, 42 were commercial gas wells, 81 were dry, and 7 untested.

One new field was discovered by the successful completion of the Farmers Union Sawyer No. 1 in Sec. 26, Twp. 11 N., Rg. 32 E, Rosebud County, in the Sumatra Area. On a swab test the well produced eight barrels of oil per hour of 31.6° gravity, on a 24 hour test, or 192 barrels from a horizon now called the Melstone Heath for lack of a more definite term. The well drilled into this oil horizon unexpectedly and no formation samples were obtained then or later when the hole was cored approximately ten feet deeper. The oil was found from 5266 to 5277 feet and when first drilled in started to flow, almost cleaning the hole of mud before it was brought under control. Considerable gas was with the oil, and made the well appear to be much larger than the swabbing test showed at a later date. A drill stem test was also taken in the top of the Amsden formation from 4621 to 4658 feet where a good show of oil was encountered but the well had been drilled too deep at the time and into water, so only nitrogen gas and water showed in the test. At the present time, the Texas Company is testing this same horizon in their State No. 1 in Sec. 36, Twp. 11 N., Rg. 33 E., approximately seven miles east. Should this prove to be an oil well, two horizons, the top of the Amsden and Melstone Heath will be proven commercial for the field.

In the extreme northern area, slightly less than a mile and three quarters from the Canadian boundary in the Whitlash field, the Western Natural Gas Company drilled into the Swift sand horizon and got a flowing well of 39° gravity oil, making an estimated 200 barrels per day. The sand was found from 2640 to 2671 feet. To date no definite test of production has been obtained but 200 barrels of oil per day was hauled by truck to the Big West refinery at Kevin during September. The well is northeast of the Gladys Belle Brown discovery well. Only a few wells in the Whitlash field have drilled to this horizon, the field having been developed for gas in the Colorado shale and Sumburst sand. Since other wells are being started in the field to test the Swift sand, it should not be long before a more definite idea of the producing area can be obtained.

There are attached plates containing a summary of the development work done in the oil and gas industry in Montana for the fiscal year ending October 31, 1950.

PRODUCTION

Following is a tabulation of the production by fields for Montana during the fiscal year:

<u>FIELD</u>	<u>TOTAL</u>
Bears Den	2,762 barrels
Berthelote	597 "
Big Wall	420,263 "
Border	12,804 "
Bowes	43,035 "
Brady	735 "
Cat Creek	408,395 "
Cedar Creek	2,427 "
Clark Fork	647 "
Cut Bank	3,001,424 "
Dry Creek	95,055 "
Elk Basin	1,609,672 "
Flat Coulee	1,641 "
Frannie	37,882 "
Gage	16,262 "
Jack Creek	None
Kevin-Sunburst	1,473,172 "
Lake Basin	1,943 "
Lothair	167 "
Melstone	164,069 "
Mosser	10,456 "
Pondera	504,589 "
Ragged Point	74,241 "
Reagan	186,367 "
Soap Creek	26,661 "
Sumatra	5,273 "
Whitlash	18,282 "
Woman's Pocket	1,080 "
TOTAL	8,119,901 barrels

	<u>1949</u>	<u>1950</u>	<u>INCREASE</u>	<u>DECREASE</u>
Big Wall	163,619	420,263	256,644	
Bowes	1,729	43,035	41,306	
Cat Creek	468,151	408,395		59,756
Cut Bank	3,541,485	3,001,424		540,061
Dry Creek	107,807	95,055		12,752
Elk Basin	2,450,569	1,609,672		840,897
Frannie	22,918	37,882	14,964	
Kevin-Sunburst	1,567,607	1,473,172		94,435
Melstone	46,806	164,069	117,263	
Pondera	517,757	504,589		13,168
Ragged Point	110,158	74,241		35,917
Reagan	212,765	186,367		26,401
Soap Creek	None	26,661	26,661	
Whitlash	10,359	18,282	7,923	
All Other fields	45,819	56,794	10,975	
	9,267,552	8,119,901		1,147,651

The total production for all fields in Montana was 8,119,901 barrels, a decline from last year of 1,147,651 barrels. Over half this decline was in the Elk Basin field or a total of 840,897 barrels, due to lack of market for the oil. The Cut Bank field declined 540,061 barrels for the year, a smaller decline than the previous year which was 587,404 barrels. New fields are showing considerable increase in production as shown in the above figures, but to date have not been developed enough to offset the decline in the older fields like Cut Bank and Kevin-Sunburst. Secondary recovery in the Cut Bank field should be in operation by the summer of 1951 and will probably give marked increase in production there.

NORTHERN AREA PROVEN FIELDS

There were a total of 29 wells drilled in the Cut Bank field, of which 12 were producing oil wells, 13 producing gas wells, 3 dry and 1 temporarily abandoned.

In the Kevin-Sunburst field a total of 109 wells were drilled, of which 80 were commercial oil wells, 10 producing gas wells, 17 dry and 2 untested. Thirteen exhausted wells were plugged and abandoned. The field showed a production decline of 94,435 barrels against a decline of 67,290 barrels for the previous year. Both Cut Bank and Kevin-Sunburst fields are old fields and will naturally show a decline in production from now on, unless new pools with fairly large wells are discovered, a surmise which easily could be fact when the past history of the fields is considered.

The Kevin-Sunburst field, being lime production, will decline less rapidly, while Cut Bank which is mostly all sand production, has shown a marked decline for several years.

The Pondera field apparently has only been partly developed since its discovery in 1927. At present wells with an initial production of from 50 to 300 barrels per day are being completed in the east and south of the old producing area. Though the field showed a decline of 13,168 barrels for the year, it is expected the intensive development program now being carried on will substantially increase the yearly production. There were 33 wells drilled, 32 were commercial oil wells, and one was dry.

SOUTHERN AREA PROVEN FIELDS

Elk Basin is still the largest producer in the southern area, though as mentioned above, total production for the year declined 840,897 barrels. There were 2 commercial oil wells and one dry hole.

Cat Creek production declined 59,756 barrels this year against 68,126 barrels for 1949. A total of 11 wells were drilled, of which 5 were commercial oil wells, 4 were dry holes, and 2 testing.

The production in the Big Wall field has climbed steadily, the field producing 420,263 barrels this year against 163,619 for 1949. Seven wells were completed, of which 6 were commercial oil wells and 1 untested though it is also a producing oil well, not having been put on the pump to date.

Sumatra field produced no oil in 1949, but ran 5,273 barrels in 1950. Only two wells are actually on production here.

No wells were drilled in Soap Creek, but the Phillips Petroleum Company have put the old wells on production and 26,661 barrels were produced from the field this year against none for 1949.

NORTHERN AREA WILD CAT WELLS

Several interesting tests have been drilled in this area, all with negative results. Two, the Texas Black Gold near the Sweet Grass Hills and the Phillips-Carter at Poplar were not drilled into the Devonian formation, which apparently is the best prospect for commercial oil. The Phillips-Carter well on Poplar validated a lease contract with the Government and it is expected either the Carter and Phillips or the Murphy Oil Company will drill a well to the Devonian by next summer. The Amerada Petroleum Company drilled near the town of Tampico in Carter County, but the hole was dry.

At present the Texas Company is drilling northeast of the Sweet Grass Hills with an early completion expected. C. R. Bronson on the Reservoir Coulee structure, Blaine County, has cemented off leaky pipe and expects to drill in in the near future, while the Fred Munger well on Cherry Ridge is below 4000 feet with cable tools and having trouble with water in the hole.

SOUTHERN AREA WILD CAT WELLS

Several wells were drilled by the Amerada Oil Company, Delhi Petroleum Company and one by the Northern Ordnance, Inc., in the extreme southeastern part of the state, all with negative results, though considerable leasing is being carried on in the area at present and it is possible commercial production may yet be found.

These wells were prospecting for oil in the Newcastle sand, which has been very prolific just south, in Wyoming. The Texas Company drilled a well near Vananda, but the electric log showed no porosity whatever, and it is possible the company may move farther from the fault area for another test. Bill Hanlon drilled an unsuccessful test near Grass Range on the Battrick structure, and also a dry hole on Devil's Pocket, making that structure appear less favorable than originally thought. J. C. Shupak drilled three dry holes in the Jack Creek structure, which to date has only one producing well on it.

CEDAR CREEK & BOWDOIN

There were 2 commercial gas wells completed at Bowdoin with no dry holes, while 3 wells were completed in Cedar Creek, 101 Structure and Plevna, and 2 dry holes.

CONCLUSION

Both the Montana Power and the Montana-Dakota Utilities gas lines have been completed and put into operation. The Montana Power 93 mile 12 3/4" gas line was to link the terminal at Bozeman with the one at Butte, and comes from the Cut Bank field, while the Montana-Dakota Utilities line was built from the Poison Spider field near Worland, Wyoming, to Baker, Montana, some 340 miles, to relieve the gas shortage in Eastern Montana. Over 30,000 M.C.F. of gas per day is to be delivered through this line from Worland, some of which may be used to repressure the Cedar Creek field.

Extensive leasing activities continue and with some sixteen geophysical crews active, an increase in wild catting is expected the coming year, with the possibility more new fields will be discovered.

BOARD OF RAILROAD COMMISSIONERS

State of Montana

OIL & GAS WELL DIVISION

Fiscal Year Ended October 31, 1950

PLATES ATTACHED

- PLATE I - Wells completed - Abandonments - and Status of Uncompleted wells during Fiscal Year ended October 31, 1950 - CUT BANK FIELD (REAGAN)
- PLATE II - Wells completed - Abandonments - and Status of Uncompleted wells during Fiscal Year ended October 31, 1950 - KEVIN-SUNBURST FIELD
- PLATE III - Wells completed - Abandonments - and Status of Uncompleted wells during Fiscal Year ended October 31, 1950 - CAT CREEK FIELD
- PLATE IV - Wells completed - Abandonments - and Status of Uncompleted wells during Fiscal Year ended October 31, 1950 - PONDERA FIELD
- PLATE V - Wells completed in other fields and areas during Fiscal Year ended October 31, 1950
- PLATE VI - Status of Uncompleted Wells at end of Fiscal Year October 31, 1950, not previously listed
- PLATE VII - Old exhausted wells plugged and abandoned - Outside Areas - during Fiscal year ended October 31, 1950
- PLATE VIII - Status of wells as of October 31, 1950

CUT BANK WELL COMPLETIONS (INC. REAGAN)
FISCAL YEAR ENDING OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Texas Company	Stuftt M-245 #4	30-36N-5W	11-8-49	70 BOPD
Texas Company	Sec. 11 Unit #13	11-35N-6W	11-14-49	15 BOPD
Union Oil Co.	Dahlquist Unit #11	13-34N-5W	12-1-49	1,200 MCF Gas
Pattie & Stewart	Berens #1	24-36N-5W	12-21-49	12,000 MCF Gas
Union Oil Co.	State #1	20-37N-4W	12-15-49	10 BOPD
Cobb, A. B. & Co.	Tribal 229 #7	25-32N-6W	12-17-48	Temp. abd. 11-1-49
Kullberg, R. A.	Del Re #1	24-35N-6W	1-2-50	3,500 MCF Gas
Union Oil Co.	Cobb Unit #4	29-37N-4W	2-24-50	17,800 MCF Gas
Frary, G. S. & B. L.	Haglund #1-A	13-34N-6W	3-16-50	15 BOPD
Tweedy-Sauter Oil Co.	Tweedy #1	25-34N-6W	3-20-50	Est. 8 BOPD
Union Oil Co.	Bauman Unit #1	31-36N-4W8	5-5-50	10,200 MCF Gas
Drumheller, J.	Yunck #3	1-34N-6W	6-16-50	1,800 MCF Gas
Hannah-Porter Co.	Harder #1	24-36N-5W	6-24-50	13,800 MCF Gas
Croft, W. S.	Carter Fee #1	31-33N-5W	7-13-50	25 BOPD (swabbed)
Silver Bow Oil & Gas Co.	Tribal #8631 #6	24-32N-6W	7-16-50	10 BOPD
Union Oil Co.	Thacker Unit #2	19-34N-4W	7-30-50	5,720 MCF Gas

CUT BANK WELL COMPLETIONS (INC. REAGAN)
FISCAL YEAR ENDING OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Hagerty Oil Co.	Halverson #1	25-34N-6W	8-4-50	20 BOPD
Hannah-Porter Co.	Harder #2	24-36N-5W	8-25-50	2,200 MCF Gas
Union Oil Co.	Ruetttin Unit #1	6-33N-4W	8-25-50	Dry, P & A
Drumheller, J.	State #2	36-35N-6W	9-5-50	4,000 MCF Gas
Montana Power Co.	Tribal 355 #11	9-37N-7W(Reagan)	9-11-50	Flowed 69 BOPD natural Swabbed 42 BO in 8 hrs.
Jackson-Whetstone-Kullberg	Jackson #1	25-34N-6W	9-17-50	17 BOPD
Croft et al	Jordan #1	7-32N-5W	9-18-50	8 BOPD
Montana Power Co.	US 086590 #1	19-34N-4W	9-22-50	6,000 MCF Gas
Pattie & Stewart	McAllister #1	13-36N-5W	9-28-50	Dry, P & A
Hardrock Oil Co.	McNamer #1	25-36N-5W	10-5-50	13,800 MCF Gas
Hagerty Oil Co.	Halverson #2	25-34N-6W	10-12-50	15 BOPD
Hannah-Porter Co.	US 084588 #1	8-36N-4W	10-21-50	Dry, P & A
Union Oil Co.	Lohman Unit #1	19-34N-4W	10-21-50	1,500 MCF Gas

SUMMARY OF CUT BANK COMPLETIONS (INC. REAGAN)
FOR FISCAL YEAR ENDING OCTOBER 31, 1950

No. Wells	<u>Status</u>
10	Oil wells drilled on State & Patented Land
2	Oil wells drilled on Government Land
12	Gas wells drilled on State & Patented Land
1	Gas well drilled on Government Land
2	Dry wells drilled on State & Patented Land
1	Dry well drilled on Government Land
<u>1</u>	Temporarily abandoned well on Government Land
29	Total wells drilled in Cut Bank Field during Fiscal Year ending October 31, 1950

STATUS OF UNCOMPLETED WELLS IN
CUT BANK FIELD (INC. REAGAN) OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>STATUS</u>
Marena Oil Co.	Tribal 226 #6	25-32N-6W	Drlg. 585
Hardrock Oil Co.	McNamer #2	25-36N-5W	Drlg. 1700
Frary, G. S. & B. L.	Haglund "A" #2	13-34N-6W	Drlg. 2700
Union Oil Co.	Kennedy #1	25-36N-5W	Drlg. 50

CUT BANK FIELD - OLD EXHAUSTED WELLS

PLUGGED AND ABANDONED IN 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>STATUS</u>
Nyhagen	Anderson #1	26-35N-6W	P & A 7-22-50 Oil
Phillips Pet. Co.	Morrison #3	23-33N-6W	P & A 12-2-49 Gas
Phillips Pet. Co.	Tribal 179 #4	12-32N-6W	P & A 11-?-49 Oil

KEVIN-SUNBURST WELL COMPLETIONS
FISCAL YEAR ENDING OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Coolidge & Coolidge	Wait "B" #6	13-35N-2W	11-1-49	15 BOPD
Imperial Craig Co.	Bluhm #24	19-35N-1W	11-1-49	10 BOPD
Mills Oil Co.	US 086693 #3	8-35N-2W	11-2-49	Dry, P & A
Munger, Fred	Haggerty #2	14-35N-2W	11-2-49	50 BOPD natural
Hardrock Oil Co.	US 087337 #3	30-35N-4W	11-3-49	3,700 MCF Gas
Vander Pas, Henry	Putnam #1	32-35N-1W	11-7-49	8 BO - 192 BWFD
Agen, J. H.	Krause #11	9-35N-3W	11-8-49	7 BOPD
Cox, James F.	Blumberg #4	32-35N-3W	11-19-49	20 BOPD
Coolidge Joint Venture	Zimmerman #2	23-35N-3W	11-26-49	7 BOPD
Edwards, Lee N.	US 087282 #6	20-35N-3W	11-29-49	20 BOPD
Eagle Cons. Cil	Negu #1	7-34N-3W	12-2-49	Dry, P & A
Edwards, Lee N.	Inland Empire #1	17-35N-1W	12-3-49	Standing
Munger, Fred	Maloney-McGaffick #1	5-34N-1W	12-5-49	Est. 10 BOPD
McKee, E. R.	McKee #1	8-34N-2W	12-6-49	Saved as gas well
Danielson, Dan	Danielson #3	21-35N-1W	12-6-49	20 BOPD
Featherstone Elliston	Gunderson #6	24-35N-3W	12-16-49	4 BOPD

KEVIN-SUNBURST WELL COMPLETIONS

FISCAL YEAR ENDING OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Phillips Pet. Corp.	US GF 087140 #1	17-36N-3W	1-16-50	Dry, P & A
Shay, C. W.	Unit 2 US 083247 #5	15-35N-3W	2-15-50	7 BO - 40 BWPD
Roseth, R. J.	US 051864 #5	25-35N-3W	2-21-50	15 BOPD, 40 BO 1st 24 hrs.
Texas Company	Bruins #25	10-35N-2W	2-26-50	8 BO - 8 BWPD (52 bbls.)
Big West Oil Co.	McNamer #1	29-35N-3W	2-27-50	24 BO - 156 BWPD
Buscher, F. J.	Overby #3	30-34N-2W	3-1-50	Saved for gas
Sorrell & Cotton	Ward #8	28-35N-3W	3-21-50	5 BOPD
Jansky, Carl	State #1	7-34N-2W	3-30-50	85 BOPD
Aronow, B. A. S.	US 051977-A #7	17-35N-3W	3-31-50	5 BOPD
Sorrell, Ray	Sorrell #8	7-34N-2W	4-6-50	20 BOPD
Wigen, Ola	Wigen #1	1-31N-3E	4-15-50	250 MCF Gas
Hough & Nepstad	Stannard-State #8	25-35N-2W	4-15-50	2½ BO natural
Mills Oil Co.	Danielson #1	21-35N-1W	4-17-50	Left for Land owner, gas
Edwards, Lee N.	Lewis #1	26-34N-3W	4-20-50	Saved for gas
Agen, J. H.	Goeddertz #13	16-35N-3W	4-22-50	5 BOPD
Vander Pas, H.	Putnam #2	32-35N-1W	4-22-50	5 BO - 40 BWPD

KEVIN-SUNBURST WELL COMPLETIONS

FISCAL YEAR ENDING OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Crumley & Sons	Fryberger #40	24-35N-3W	4-26-50	11 BOPD
P M K Petroleum	Frosaker-Rue-Erickson #4	18-34N-2W	4-27-50	50 BO - 250 BWPD
Aronow, B. A. S.	US051977-A #8	17-35N-3W	4-29-50	45 BOPD natural
Munger, Fred	Blumberg #1	27-35N-1W	5-2-50	5 BOPD
Oien, Jas. A.	Goeddertz #24	23-35N-3W	5-4-50	Saved for gas
Jansky, Carl	State #2	7-34N-2W	5-4-50	5 BOPD
Shay, C. W.	US 083247 #6	15-35N-3W	5-5-50	48 BO in 8 hrs, natural
Sorrell & Smith	Sorrell #4	7-34N-2W	5-10-50	Dry, P & A
Hamilton & Hamilton	Reeg #9	14-35N-2W	5-10-50	2 BOPD
McKee, D. D. & Lucy F.	Jarrett #15	27-35N-2W	5-11-50	10 BOPD
Vander Pas, Henry	Putnam #3	5-34N-1W	5-11-50	Dry, P & A
Texas Company	US 052226 A #5	12-35N-2W	5-12-50	28 BO - 9 BWPD
P M K Petroleum	Frosaker-Rue-Erickson #5	18-34N-2W	5-17-50	65 BO - 95 BWPD
Filan, A. B.	Winters #11	28-35N-1W	5-17-50	3 BOPD
Stock & Texas	State #8	16-35N-2W	5-18-50	48 BOPD
Aronow, B. A. S.	US 051977-A #9	17-35N-3W	5-23-50	50 BOPD - settled 20 BOPD

KEVIN-SUNBURST WELL COMPLETIONS

FISCAL YEAR ENDING OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Hardrock Oil Co.	US 084648-B #17	17-35N-3W	5-29-50	10 BOPD
Vander Pas, Henry	Putnam #4	5-34N-1W	6-3-50	Dry, P & A
Texas Company	Reeg #23	23-35N-2W	6-4-50	40 BOPD
Enfield Oil Co.	Zachor #17	20-35N-1W	6-6-50	100 BOPD
Hesla Oil Co.	McManus #11	21-35N-2W	6-6-50	16 BOPD
Oien Oil Properties	US 083249 #5	2-35N-2W	6-6-50	Saved for gas
Thompson, Otis	Crawford #3	7-34N-2W	6-11-50	Dry, P & A
Munger, Fred	Haggerty #3	14-35N-2W	6-14-50	8 BOPD natural
Lon Crumley, Trustee	Baker #1	13-34N-4W	6-19-50	Dry, P & A
Edwards, Lee N.	Sigler #1	23-34N-3W	6-19-50	Dry, P & A
Sorrell, Ray	Sorrell #9	7-34N-2W	6-24-50	20 BOPD
Hough & Nepstad	Stannard, State #9	25-35N-2W	7-1-50	50 BOPD
P M K Petroleum Co.	Jenson Aas #1	18-34N-2W	7-2-50	Saved for gas
Agen, J. H.	Goeddertz #14	16-35N-3W	7-3-50	3 BOPD
Engelking, J. R.	Negu #2	12-34N-4W	7-3-50	25 BO - 250 BOPD
Crumley & Sons	Byrne #3	25-35N-2W	7-3-50	15 BOPD

KEVIN-SUNBURST WELL COMPLETIONS
FISCAL YEAR ENDING OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
McKee, E. R.	McKee #17	25-35N-2W	7-3-50	10 BOPD
Vander Pas, H.	McNamer #7	20-35N-1W	7-5-50	5 BOPD
Nepstad, Crippen & Fargher	Kal-Bar #12	18-35N-1W	7-7-50	30 BOPD
Yealy, L. J.	Narum #5	33-35N-2W	7-10-50	15 BO - 250 BWPD
Texas Company	US 052226 "A" #6	12-35N-2W	7-10-50	Dry, P & A
Goeddertz, A.	Goeddertz #5	16-35N-3W	7-14-50	10 BOPD
Welch, Aaron	Zachor #6	29-35N-1W	7-17-50	10 BOPD
Shay, C. W.	US 083249 #29	10-35N-3W	7-21-50	Swabbed 20 BOPD, pumped 12 BOPD
Oien Oil Properties	Engemoen #36	11-35N-2W	7-22-50	5 BOPD
Vander Pas, Henry	McNamer-Zachor #8	20-35N-1W	7-25-50	4 BOPD
McKee, E. R.	McKee #18	24-35N-2W	7-27-50	10 BOPD
Montgomery Prod. Co.	Zachor #10	20-35N-1W	7-30-50	45 BOPD
Edwards, Lee N.	Lewis #2	25-34N-3W	7-31-50	Dry, P & A
Nepstad & Montgomery	Helgerson #11	28-35N-1W	8-4-50	22 BO in 14 hrs.
Dunham, A. J.	Lashbaugh #1	27-35N-2W	8-5-50	Saved for gas
Stock, H. O.	Haggerty #6	14-35N-2W	8-6-50	35 BOPD

KEVIN-SUNBURST WELL COMPLETIONS
FISCAL YEAR ENDING OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Nepstad, O. A.	Anna Johnson #1	11-33N-2W	8-9-50	Dry, P & A
Hamilton & Hamilton	Reeg #10	14-35N-2W	8-10-50	40 BOPD
P M K Petroleum Co.	Frosaker et al #6	11-34N-2W	8-11-50	60 BOPD
Aronow, B. A. S.	US 051977-A #10	17-35N-3W	8-12-50	Flowed 270 BO in 12 hrs.
Hallis & Freeman	Yoanes #1	11-34N-4W	8-12-50	Dry, P & A
Crumley, A. E. & Sons	Byrne "2" #4	25-35N-2W	8-13-50	Dry, P & A
Vander Pas, Henry	Zachor #11	20-35N-1W	8-15-50	5 BOPD
Hardrock Oil Co.	Wait "A" #10	13-35N-2W	8-22-50	15 BOPD
Engelking, J. R.	Harley #10	8-34N-2W	8-23-50	4 BOPD
Oien Oil Properties	US 083246 #9	14-35N-2W	8-26-50	35 BOPD
Barmac Prod. Co.	Maughans #18	30-35N-1W	8-26-50	8 BOPD
Hecht & Burgess	Nepstad #6	27-35N-1W	9-6-50	4 BOPD
Texas Company	S. Swears Non-Jt #5	9-35N-2W	9-9-50	Dry, P & A
Vander Pas, H.	Danielson #1	20-35N-1W	9-13-50	25 BOPD
Big West Oil Co	McNamer #2	29-35N-3W	9-14-50	30 BOPD
Oien Oil Properties	Haggerty #2	14-35N-1W	9-18-50	30 BOPD natural

KEVIN-SUNBURST WELL COMPLETIONS

FISCAL YEAR ENDING OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Imperial Craig Co.	Martin #16	18-35N-1W	9-20-50	7 BOPD
Hough & Nepstad	Stannard-State #10	25-35N-2W	9-21-50	15 BOPD
Vander Pas, H.	Danielson #2	20-35N-1W	10-2-50	15 BOPD
Fauque, John Jr.	US 052136-D #12	8-35N-2W	10-3-50	Dry, P & A
Hamilton & Hamilton	Reeg #11	14-35N-2W	10-5-50	Testing, est. 5 bbls.
Sorrell, Ray	Sorrell #10	7-34N-2W	10-14-50	6 BOPD
Pioneers Oil Co.	US 086338 #4	4-34N-2W	10-18-50	Testing
Texas Company	State #1	5-35N-2E	10-17-50	Dry, P & A
Nepstad Oil Co.	US 086322 #4	25-35N-2W	10-18-50	10 BOPD natural
P M K Petroleum Co.	Frosaker et al #7	18-34N-2W	10-19-50	10 BOPD
Hough & Nepstad	Stannard-State #11	25-35N-2W	10-20-50	10 BOPD
Vander Pas, H.	Zachor #12	20-35N-1W	10-24-50	4 BOPD
Imperial Craig Co.	Gauss #8	18-35N-1W	10-25-50	10 BO - 60 BW

SUMMARY OF KEVIN-SUNBURST WELL COMPLETIONS
FOR FISCAL YEAR ENDING OCTOBER 31, 1950

<u>No. Wells</u>	<u>Status</u>
67	Oil wells drilled on State & Patented Land
13	Oil wells drilled on Government Land
8	Gas wells drilled on State & Patented Land
2	Gas wells drilled on Government Land
12	Dry wells drilled on State & Patented Land
5	Dry wells drilled on Government Land
1	Temporarily Abandoned well on Government Land
<u>1</u>	Testing on Government Land
109	Total wells drilled in Kevin-Sunburst Field during Fiscal Year ending October 31, 1950

KEVIN-SUNBURST FIELD - OLD EXHAUSTED WELLS

PLUGGED AND ABANDONED IN 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>STATUS</u>
Texas Company	Baker #4	4-35N-2W	P & A 7-25-50, Oil
Hardrock (Sorenson)	Donovan #1	13-34N-2W	P & A 10-19-50, Oil
Texas Company(Cont.)	Helmerich #3	21-35N-2W	P & A 10-24-50, Oil
Texas Company (Cont.)	Helmerich #9	21-35N-2W	P & A 10-24-50, Oil
Wm. Halter	Halter #2	21-35N-2W	P & A 10-10-50, Oil
Wm. Halter	Halter #4	21-35N-2W	P & A 10-10-50, Oil
Phillips Pet. Co.	Con-Stillson #1	1-32N-2W	P & A 2-27-50, Gas
St. George Oil & Gas Co.	Haggerty #6	24-35N-2W	P & A 6-9-50, Oil
Texas Company	H. Good #1	2-34N-3W	P & A 3-16-50, Oil
Ray Sorrell	Mary #1	5-34N-3W	P & A 5-27-50, Oil
O. Thompson	Thumm #1	33-35N-3W	P & A 5-19-50, Oil
Thorpe Parrent	Holbrook #6	2-36N-3W	P & A 9-15-50, Oil
Thorpe Parrent	Holbrook #2	2-36N-3W	P & A 9-15-50, Oil
Sorrell & Cotton	Ward #8	28-35N-3W	P & A 5-27-50, Oil
P M K (Old Killendorf)	Bashor #1	9-35N-1W	P & A 11-25-49, Oil
Sorrell & Cotton	Ward #4A	29-35N-3W	P & A 12-?-49, Oil

STATUS OF UNCOMPLETED WELLS IN
KEVIN-SUNBURST FIELD OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>STATUS</u>
Anglo-American Oil Co.	Engle #1	35-36N-3W	DSI 1950
Perry-Linville-Smith	US 052053 #4	12-35N-2W	DSI 1295
Thompson, Otis	Crawford #2	7-34N-2W	DSI 1370
Linville-Smith	Flage #1	4-31N-3E ✓	DSI 800
Westmark	Fee #1	34-31N-1E ✓	DSI 1731
Kulich, J.	W. Cavitt #1	15-34N-3E ✓	Drlg. 325
Engelking, J. R.	Danielson #8	20-35N-1W	Drlg. 845
Shay, C. W.	US 083247 Unit #1 #30	10-35N-3W	Drlg. 65
Hallis Drlg. Co.	State #1	16-35N-3W	Drlg. 1565
Munger, Fred	Haggerty #4	14-35N-2W	MOCT
Featherstone, et al	Gunderson #7	24-35N-3W	Drlg. 1584
Shoemaker, C. W.	Hocksprung #2	4-34N-1W	MOCT
Sorrell, Ray	Sorrell #11	7-34N-2W	Drlg. 1140

CAT CREEK WELL COMPLETIONS

FISCAL YEAR ENDING OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Taylor, Ike W.	US 022005 A #6	26-15N-30E	11-20-49	80 BOPD
McCoy Oil Co.	US 039809 #1	2-14N-30E	12-2-49	Dry, P & A
Taylor, Ike W.	Burks-Butler #1	21-15N-30E	12-14-49	Testing
Rush Oil Co.	N. P. #1	27-15N-30E	4-8-50	Dry, P & A
Taylor, Ike W.	US 022005 "A" #7	26-15N-30E	4-22-50	75 BOPD
Taylor, Ike W.	US 022005 "A" #8	26-15N-30E	5-5-50	28 BOPD
Ike W. Taylor	US 022005 "A" #9	26-15N-30E	6-7-50	85 BOPD
Hanlon, Wm.	Mitchell #3	21-15N-30E	6-20-50	25 BOPD
Hanlon, Wm.	Mitchell #5	21-15N-30E	6-30-50	Testing
Rush Oil Co.	N. P. #1	31-15N-31E	7-11-50	Dry, P & A
Barron Kidd	Charles #1	21-15N-30E	8-7-50	Dry, P & A

SUMMARY OF CAT CREEK COMPLETIONS FOR
FISCAL YEAR ENDING OCTOBER 31, 1950

<u>No. Wells</u>	<u>Status</u>
1	Oil well drilled on State & Patented Land
4	Oil wells drilled on Government Land
0	Gas wells drilled on State & Patented Land
0	Gas wells drilled on Government Land
3	Dry wells drilled on State & Patented Land
1	Dry well drilled on Government Land
0	Temporarily abandoned wells on Government Land
1	Testing well on Government Land
<u>1</u>	Testing well on State Land
11	Total wells drilled in Cat Creek Field during Fiscal Year ending October 31, 1950

NO EXHAUSTED WELLS PLUGGED AND ABANDONED IN
CAT CREEK FIELD DURING FISCAL YEAR ENDING OCTOBER 31, 1950

PONDERA WELL COMPLETIONS

FISCAL YEAR ENDING OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Quigley Drlg. Co.	Christensen #2	21-27N-4W	11-14-49	48 BO in 18 hrs.
Hawley, Ted	Erickson #3	3-27N-4W	12-15-49	60 BOPD
Phillips Pet. Co.	Walston #4	2-27N-4W	3-16-50	4 BOPH
Isern Brothers	H. B. Erickson #1	3-27N-4W	4-14-50	208 BOPD
Isern Brothers	H. B. Erickson #2	3-27N-4W	5-13-50	100 BOPD
Lexa Oil Corp.	Trevillion #1	21-27N-4W	5-15-50	Swabbed 36 BOPD
Isern Brothers	E. M. Erickson #3	3-27N-4W	5-19-50	100 BOPD
Hawley, Luella	Erickson #4	3-27N-4W	5-20-50	10 BOPH
Quigley, L. E.	Jones #1	22-27N-4W	6-9-50	15 BOPD
Hawley, Ted	Hirshberg #1	23-27N-4W	6-19-50	20 BOPD
Hawley, Ted	Erickson #4	3-27N-4W	6-25-50	35 BOPD
Emrick, E. B.	Lederer #1	13-27N-4W	6-30-50	100 BOPD
Lexa Oil Corp.	Trevillion #2	21-27N-4W	7-17-50	100 BOPD
Emrick, E. B.	Lederer #2	13-27N-4W	8-1-50	84 BOPD
Phillips Pet. Co.	Erickson "B" #4	11-27N-4W	8-1-50	Swabbed 62 BOPD
Phillips Pet. Co.	Erickson "B" #5	11-27N-4W	8-9-50	Swabbed 20 BO - 37 BOPD
Phillips Pet. Co.	Erickson "B" #6	2-27N-4W	8-16-50	Swabbed 90 BO in 6 hrs.

PONDERA WELL COMPLETIONS

FISCAL YEAR ENDING OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Knees Prod. Co.	Ellen Aakre #1	4-27N-4W	8-18-50	Dry, P & A
Lexa Oil Corp.	Trevillion #3	21-27N-4W	8-19-50	Swabbed 75 BOPD
Phillips Pet. Co.	Erickson "A" #4	10-27N-4W	8-25-50	60 BOPD natural
Phillips Pet. Co.	Erickson "A" #5	10-27N-4W	9-3-50	Swabbed 20 BO - 25 BW in 9 hrs.
Emrick, E. B.	Lederer #3	13-27N-4W	9-6-50	Swabbed 200 BO - 100 BW 24 hrs. Est. 100 BOPD
Phillips Pet. Co.	Erickson "A" #6	10-27N-4W	9-12-50	Swabbed 28 BO in 12 hrs.
Triway Oil Co.	DuBois #4	21-27N-4W	9-12-50	50 BOPD
Phillips Pet. Co.	Erickson "A" #7	10-27N-4W	9-18-50	Swabbed 122 BO - 152 BW 20 hrs.
Emrick, E. B.	Talbot-Lederer #1	24-27N-4W	9-24-50	120 BO 1st 12 hrs.
Phillips Pet. Co.	Erickson "A" #8	10-27N-4W	9-25-50	Swabbed 151 BO - 131 BOPD
Phillips Pet. Co.	Walston #5	2-27N-4W	10-1-50	4 BOPH natural
Phillips Pet. Co.	Copley "B" #8	10-27N-4W	10-9-50	Swabbed 93 BO - 223 BOPD
Emrick, E. B.	Rudi-Lederer #4	13-27N-4W	10-12-50	96 BOPD
Phillips Pet. Co.	Walston #6	2-27N-4W	10-15-50	Swabbed 120 BO - 3 BOPD
Phillips Pet. Co.	Walston #7	2-27N-4W	10-22-50	Swabbed 75 BOPD natural 146 BO - 11 BW
Phillips Pet. Co.	Walston #8	2-27N-4W	10-31-50	Swabbed 147 BO - 20 BOPD

SUMMARY OF PONDERA COMPLETIONS FOR
FISCAL YEAR ENDING OCTOBER 31, 1950

<u>No. Wells</u>	<u>Status</u>
32	Oil Wells drilled on State & Patented Land
0	Oil wells drilled on Government Land
0	Gas wells drilled on State & Patented Land
0	Gas wells drilled on Government Land
1	Dry well drilled on State & Patented Land
0	Dry wells drilled on Government Land
<u>0</u>	Temporarily abandoned wells on Government Land
33	Total wells drilled in Pondera Field during Fiscal Year ending October 31, 1950

STATUS OF UNCOMPLETED WELLS - PONDERA FIELD

FISCAL YEAR ENDING OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>STATUS</u>
Tarrant-Koenig-Whitmore #1		1-27N-4W	Stdg. 1895
Hawley, Ted	Erickson #5	3-27N-4W	Drlg. 1840
Quigley Drlg. Co.	Christensen #3	21-27N-4W	Drlg. 2005
E. B. Emrick	Lederer #1	13-27N-4W	Stdg. 1942
Lawrence, J. W.	Thaanum-Erickson #1	23-27N-4W	Drlg. 860
General Pet. Co.	Charley Martin 6-18-P	18-27N-4W	Drlg. 250
Fulton Pet. Co.	Miller #2	11-27N-4W	MOCT
Phillips Pet. Co.	Erickson "C" #6	10-27N-4W	Drlg. 330
Hawley, Ted	Hirshberg #2	23-27N-4W	Drlg. 1570
Emrick, E. B.	Empire-Lederer #1	19-27N-4W	Drlg. 1835
Emrick, E. B.	Talbot-Lederer #2	24-27N-4W	Drlg. 1375
Emrick, E. B.	Rudi-Lederer #5	13-27N-4W	Stdg. 525

PONDERA FIELD - OLD EXHAUSTED WELLS

PLUGGED AND ABANDONED IN 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>STATUS</u>
Phillips Pet. Co.	Copley A 10 or 34	14-27N-4W	P & A 9-20-50, Oil
Phillips Pet. Co.	A. B. Cobb Jones "C" 1 or 22	9-27N-4W	P & A 9-21-50, Oil
Phillips Pet. Co.	Wheeler #1	14-27N-4W	P & A 9-1-50, Oil

WELL COMPLETIONS IN OTHER FIELDS AND AREAS
FOR FISCAL YEAR ENDING OCTOBER 31, 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
		<u>AGAWAM</u>		
Union Oil Co.	Fornfeist #1	19-26N-3W	3-26-50	Dry, P & A
		<u>N.E. BANNATYNE</u>		
Harold Haugen	Gollehon #1	4-26N-2E	3-6-50	Saved as gas well
		<u>BATRICK AREA</u>		
Hanlon, Wm.	Woodworth et al #1	32-14N-24E	6-3-50	Temp. abd.
		<u>BIG WALL</u>		
Murphy, C. W.	Struck #1	24-10N-26E	11-5-49	275 BO 1st 24 hrs.
Murphy, C. W.	Struck #2	24-10N-26E	12-16-49	308 BOPD
Texas Company	Quinnell #3	24-10N-26E	3-3-50	Flowed 195 BOPD
Texas Company	N. P. "B" #5	19-10N-27E	4-26-50	133 BO, 7 day average
Texas Company	N. P. "B" #6	19-10N-27E	6-10-50	218 BOPD
Trigood Oil Co.	Hendrix #3	24-10N-26E	8-23-50	300 BOPD
Texas Company	N. P. #7	19-10N-27E	10-9-50	Testing

WELL COMPLETIONS IN OTHER FIELDS AND AREAS

FOR FISCAL YEAR ENDING OCTOBER 31, 1950

BLACK BUTTE

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Barron Kidd	Brasier #1	5-17N-23E	4-30-50	Dry, P & A

BLUE CREEK

Ajax Oil Co.	Rukavina #1	4-6S-24E	2-15-50	Abd. as water well
--------------	-------------	----------	---------	--------------------

BOWDOIN

Fidelity Gas Co.	US 084578 #916	10-31N-35E	4-12-50	492 MCF Gas
Fidelity Gas Co.	US 084572 #915	23-31N-33E	4-22-50	293 MCF Gas

BOWES

Texas Company	Evelyn Cole #1	2-31N-19E	1-31-50	314 BOPD
Texas Company	Evelyn Cole #2	2-31N-19E	7-24-50	Swabbed 115 BO, 15 BOPD natural

CEDAR CREEK

Montana-Dakota Util. Co. N.P. Unit 4 #359		31-9N-59E	11-16-49	2,348 MCF Gas
Montana-Dakota Util. Co. US 027575A Unit 5 #362		4-8N-59E	12-2-49	327 MCF Gas
Montana-Dakota Util. Co. US 021685 Unit 5 #361		11-8N-59E	12-12-49	Dry, P & A
Montana-Dakota Util. Co. US 025044 Unit #5 #363		23-8N-59E	12-28-49	450 MCF Gas
Montana-Dakota Util. Co. N.P. #370		27-5N-60E	1-15-50	Dry, P & A

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
<u>CHIMNEY BUTTE</u>				
Texas-Pacific C & O Co.	N. P. #1	11-7N-27E	2-19-50	Dry, P & A
<u>N. E. COLLINS AREA</u>				
General Pet. Co.	Holt 88-30-P	20-25N-1W	10-21-50	Dry, P & A
<u>DELPHIA AREA</u>				
Texas-Pacific C & O Co.	State-397"B" #1	29-10N-28E	6-26-50	Dry, P & A
<u>DEVIL'S POCKET</u>				
Hanlon, Wm.	N. P. #1	9-10N-22E	10-31-50	Dry, P & A
<u>DUNBAR AREA (or Townsend)</u>				
Dunbar Oil Co.	Dunbar #1	8-2N-1E	10-25-50	Drlg. 2124
<u>ELK BASIN</u>				
Sinclair O & G Co.	US 038541 Wilkins #3	28-9S-23E	3-23-50	Dry, P & A
Sinclair O & G Co.	US 038541 Wilkins #7	28-9S-23E	8-20-50	184 BOPD
Sinclair O & G Co.	US 038541 Helen #3	29-9S-23E	9-24-50	Swabbed 12 $\frac{1}{2}$ BO in 13 hrs.
<u>FLAT COULEE</u>				
Phillips Pet. Co.	Northern Farms #1	10-37N-5E	11-27-49	Dry, P & A
<u>FLATWILLOW AREA</u>				
O'dillo Rogge	Hill #1	25-14N-26E	10-7-50	Left as water well

<u>GARNEIL AREA</u>				
<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Doswell, T. W.	J. T. Dolgan #1	12-11N-15E	8-19-50	Dry, P & A
<u>GENOU</u>				
Hunley & Nairns	Onstead #1	5-25N-5E	Left as water well.	Completed ?
<u>HARDIN AREA</u>				
McCarthy, G.	Kendrick #1	28-1N-35E	7-13-50	Dry, P & A
Crowe, H. I.	Snyder-Reed #1	23-1S-32E	6-16-50	Dry, P & A
<u>Hay Creek</u>				
Amerada Pet. Co.	Washburn #1	31-5S-57E	7-13-50	Dry, P & A
<u>S. G. HILLS</u>				
Texas Company	Northern Farms #1	24-37N-6E	9-4-50	Dry, P & A
<u>HINGHAM AREA</u>				
Northern Oil Co.	Flink #1	25-33N-10E	10-19-50	Dry, P & A
<u>HOWARD COULEE</u>				
Texas Company	Amerada Unit #1 S. E. Howard Coulee	2-10N-28E	11-19-49	Dry, P & A

<u>JACK CREEK</u>				
<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Shupak, John C.	Carbon County #1	15-7S-23E	11-26-49	Dry, P & A
Shupak, John C.	Parker #3	13-7S-23E	4-13-50	Dry, P & A
Shupak, John C.	Parker #5	13-7S-23E	7-9-50	Dry, P & A
<u>LAKE BASIN</u>				
Superior Oil Co.	Copolus #1	22-2N-21E	9-11-50	Dry, P & A
<u>MARIAS RIVER DOME</u>				
O'Neil, Louis B.	Brown #1	29-30N-5E	7-2-50	Dry, P & A
<u>MIDWAY</u>				
Emrick, E. B.	Talbot-Richardson #1	29-28N-1W	10-15-50	Dry, P & A
<u>MELSTONE</u>				
Farmers Union Cent. Exch.	Breese #1	24-10N-29E	11-15-49	Dry, P & A
Carroll Kirk	McCaffrey #1	35-10N-29E	4-25-50	Dry, P & A
Amerada Pet. Co.	J. Spek, Sr. #1	24-10N-29E	5-8-50	Dry, P & A
Amerada Pet. Co.	Haugen #8	24-10N-29E	5-31-50	Swabbed 90 BC in 16 hrs.
<u>101 STRUCTURE</u>				
Montana-Dakota Util. Co.	N. P. #369	21-5N-60E	2-2-50	123 MCF Gas

PARK CREEK

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Amerada Pet. Corp.	US 0395 #1	18-6S-59E	8-10-50	Dry, P & A
<u>PENDROY</u>				
Phillips Pet. Co.	State #1	36-27N-5W	2-17-50	Dry, P & A
<u>PLEVNA</u>				
Askin-Becker	N. P. #1	7-5N-60E	3-10-50	526 MCF Gas
Askin-Becker	Anderson #1	7-5N-60E	4-8-50	400 MCF Gas
Askin-Becker	Hunt Farmout #1	1-5N-59E	4-20-50	410 MCF Gas
Askin-Becker	Junkert Ward #1	12-6N-59E	4-22-50	400 MCF Gas
Askin-Becker	Hicks Warner #10	18-5N-60E	6-10-50	502 MCF Gas
Askin-Becker	Hicks Warner #11	18-5N-60E	7-4-50	400 MCF Gas
Askin-Becker	Hicks Warner #3	18-5N-60E	7-27-50	402 MCF Gas
Askin-Becker	Berndt #12	18-5N-60E	7-23-50	400 MCF Gas
Askin-Becker	Anderson #2	7-5N-60E	9-18-50	475 MCF Gas
Askin-Becker	Junkert Ward #15	12-5N-59E	10-5-50	400 MCF Gas
Askin-Becker	Hunt Farmout #16	20-5N-60E	10-26-50	400 MCF Gas

S. W. PONDERA

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Phillips Pet. Corp.	Johnson #1	31-27N-4W	3-11-50	54 BO - 100 BWPD
Phillips Pet. Corp.	Johes #1	24-27N-5W	4-3-50	Dry, P & A
Phillips Pet. Corp.	Christensen #1	28-27N-5W	4-27-50	Dry, P & A
Phillips Pet. Corp.	Hoeschen #1	34-27N-5W	5-18-50	Dry, P & A
Phillips Pet. Corp.	Johnson #2	30-27N-4W	6-10-50	Dry, P & A
Texas Company	Thomas #1	29-27N-4W	10-29-50	Swabbed 201 BOPD

POPLAR AREA

Carter-Phillips	W. Poplar Unit C 294 Ft. Peck Tribal #12780 #1	18-29N-50E	8-8-50	Dry, P & A
-----------------	---	------------	--------	------------

SAGE CREEK

Electron O & G Co.	US 042213 #1	31-7S-24E	6-17-50	Dry, P & A
--------------------	--------------	-----------	---------	------------

Sage Hen

Seaboard Oil Company	US 040093 7-30-G	30-14N-32E	8-20-50	Dry, P & A
----------------------	------------------	------------	---------	------------

SHAWMUT

Tarrant, R. C.	N. P. #1	1-6N-15E	?	P & A
----------------	----------	----------	---	-------

SPINDLETOP

Amerada Pet. Corp.	Wilden #1	27-13N-23E	8-6-50	Dry, P & A
--------------------	-----------	------------	--------	------------

SULT FIELD

Ferguson, P. L.	Sult #1	35-16N-31E	8-30-50	Dry, P & A
-----------------	---------	------------	---------	------------

<u>COMPANY</u>	<u>LEASE</u>	<u>SUMATRA</u> <u>LOCATION</u>	<u>DATE</u> <u>COMPLETED</u>	<u>RESULTS</u>
Texas Company	State M-4616 #1	32-10N-34E	6-10-50	10 BO - 10 BW, 10 day av. 26 BOPD
Farmers Union	Sawyer #1	26-11N-32E	10-15-50	Swabbed 8 BOPH, 222 BOPD Flowed 25 BO 45 min.
<u>TAMPICO</u>				
Amerada Pet. Co.	Molvig #1	13-29N-27E	9-22-50	Dry, P & A
<u>VANANDA</u>				
Texas Company	Lorigan #M-4906-1	17-7N-38E	9-21-50	Dry, P & A
<u>WAYNE CREEK</u>				
Fair & Woodward	H. Miller #1	3-32N-24E	7-16-50	Temp. abd.
<u>WHITETAIL CREEK UNIT</u>				
Amerada Pet. Co.	US 040890 Unit #1	15-5S-57E	12-3-49	Dry, P & A
<u>WHITEWATER UNIT</u>				
Texas Company	US 085559 #2	7-33N-32E	5-25-50	Dry, P & A
<u>WHITFLASH</u>				
Western Natural Gas Co.	Iverson #5	18-37N-4E	3-21-50	2,500 MCF Gas
Western Natural Gas Co.	Iverson #2	7-37N-4E	7-9-50	25 BOPD
Western Natural Gas Co.	Iverson #3	7-37N-4E	9-20-50	150 BOPD

WOLF CREEK AREA

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Delhi Oil Corp.	US 040516 Wheatley #1	10-9S-56E	9-8-50	Dry, P & A
Delhi Oil Corp.	US 040516 Wheatley #2	22-8S-56E	10-10-50	Dry, P & A
<u>WOMAN'S POCKET</u>				
Hanlon, Wm.	N. P. #1	29-8N-21E	1-21-50	Dry, P & A
<u>SIX SHOOTER</u>				
Tarrant, R. C.	N. P. #1	15-3N-18E	Dry,	Dry, abandoned
Tarrant, R. C.	Harsha #1	14-3N-18E		Dry, abandoned
Tarrant, R. C.	Wickland #2	10-3N-18E		Dry, abandoned
Tarrant, R. C.	Cremer #1	10-3N-18E		Dry, abandoned
Tarrant, R. C.	Opland #1	10-3N-18E		Dry, abandoned
Tarrant, R. C.	Linder #1A	24-3N-18E		Dry, P & A

STATUS OF UNCOMPLETED WELLS AT END OF
FISCAL YEAR ON OCTOBER 31, 1950, NOT PREVIOUSLY LISTED

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>FIELD OR AREA</u>	<u>STATUS</u>
Frazer, K. B.	Anderson #1	4-36N-6E	N.E. Bear's Den	Drlg. 3149
Texas Company	Lemmon #1	24-10N-26E	Big Wall	Drlg 2153
Stephens Pet. Co.	Tribal #379	9-29N-8W	Blacktail	SD 5382, PB 5210
Blue Dome Oil Co.	Rukavina #1	10-6S-24E	Blue Dome	DSI 867
Mont. Gas Corp.	Guertzgen #1	35-32N-19E	Bowes	Loc.
Texas Company	A. A. Cole #1	2-31N-19E	Bowes	RUCT
Quigley Drlg. Co.	McCann #2	21-27N-2W	Brady	Drlg. 104
Tarrant, R. C.	Woods #1	32-28N-1W	Conrad-Midway	Stdg. 3695, PB 1900
Mont.-Dak. Util. Co.	N. P. A-8 #338	33-5N-61E	Cedar Creek	Stdg. 1173
Mon-O-Co Oil Co.	Baker #1	12-7N-60E	Cedar Creek	Drlg. 1335
Munger, Fred	Harbolt #1	1-35N-20E	Cherry Ridge	Drlg. 3940
Harris et al	Winterowd #1	6-35N-21E	Cherry Ridge	DSI 1985
Natl. Assoc. Pet. Co.	US 041240 #1	21-8S-41E	Decker Area	Drlg. 7850
Cloverleaf Pet. Co.	Morton #1	26-11N-24E	Devil's Basin	Temp. abd. 10-2-50
Dunbar Oil Co.	Dunbar #1	8-2N-1E	Dunbar	Drlg 2124
Sinclair O & G Co.	US 038533 Helen #4	29-9S-23E	N.W. Elk Basin	Drlg. 4436

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>FIELD OR AREA</u>	<u>STATUS</u>
Cobb, A. B.	Erickson #1	15-37N-5E	Flat Coulee	Shut in 1845
Inland States O & G Co.	Snyder-Griffith #1	7-9S-25E	Frannie	DSI 2240
Hunley-Nairns	Rossmiller #1	27-26N-3E	Genou	Drlg. 3210
A. A. Oil Co.	Lewis #1	2-35N-5E	Govt. Creek	Drlg 2105
Morton, K. C.	Swanson #1	22-28N-6W	Gypsy	Stdg. 25
Morton, K. C.	Bills #1	31-28N-6W	Gypsy	Drlg. 100
Morton, K. C.	Graham #1	36-28N-6W	Gypsy	Stdg. 10
Morton, K. C.	Graham-McLean #1	35-28N-6W	Gypsy	Stdg. 10
Morton, K. C.	Margaret Smith #1	26-28N-6W	Gypsy	Stdg. 10
Morton, K. C.	McLean #1	23-28N-6W	Gypsy	Stdg. 10
Morton, K. C.	Mary Smith #1	23-28N-6W	Gypsy	Stdg. 10
Morton, K. C.	Turk #1	24-28N-6W	Gypsy	Stdg. 10
Morton, K. C.	Hubbard #1	8-28N-6W	Gypsy	Stdg. 10
Blgs. Oil & Dev. Co.	Mosegard #1	14-2S-23E	Laurel	Drlg. 2190
Massey, C. M.	Lynde #1	16-6S-35E	Lodgegrass- Good Luck	Stdg. 1250
Laurel Oil Co.	Thacker #1	7-2S-24E	Laurel	Stdg. 90
Henderson	Bratsberg #1	28-8N-1E	E. Midway	Stdg. 1465
Richfield Oil Co.	Weiss #1	20-2S-11E	Mission Creek	Stdg. 4117

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>FIELD OR AREA</u>	<u>STATUS</u>
Becker, Frank	Anderson #1	7-5N-60E	Plevna	Loc.
Becker, Frank	N. P. #1	7-5N-60E	Plevna	Loc.
Bronson, C. R.	Brad #1	32-34N-18E	Reservoir Coulee	DSI 660
Bronson, C. R.	Blevins #1	29-34N-18E	Reservoir Coulee	Stdg. 1556
B & R Gas & Oil	Lohman State Co-op #1	32-34N-18E	Reservoir Coulee	DSI 809
Bronson, C. R.	Howard #1	20-34N-18E	Reservoir Coulee	Stdg. 800
Poston, H. I.	Wendt #1	11-28N-21W	Roger Lee	DSI 1475
Roche, L. W.	Morgan #1	7-9S-61E	Seven Mile	Stdg. 1495
Mon-O-Co Oil Co.	Erickson #1	24-7N-18E	Shawmut	Stdg. 4362
Best Petroleum Co.	N. P. #2	11-3N-18E	Six Shooter	Stdg. 4080 OWDD
Cons. Pet. Co.	Tribal 2119 #1	27-6S-32E	Soap Creek	Stdg. 1804
Edwards, Lee N.	Giffen Coal Mine #1	1-18N-4E	Stockett	Drlg. 550
Texas Company	State M 4098 #1	36-11N-33E	N.W. Sumatra	Drlg. 5475
Texas Company	M. F. Mansfield #1	12-37N-7E	E. Sweetgrass Hills	R U C T
Dr. Crosby	Crosby #2	16-1S-31E	Toluca	DSI 3545
Aragon Drlg. Co.	Prescott #1	30-6N-3E	Townsend	Well spudded & shut down
Burt Nelson O & D Co.	Nelson #1	34-7N-38E	Vananda	Stdg. 687
Kornowsky, Fred	US 040400 #1	21-13S-5E	W. Yellowstone	Drlg. 1045

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>FIELD OR AREA</u>	<u>STATUS</u>
Wagner, M. R.	Iverson #1	5-37N-4E	Whitlash	RURT
Western Natural Gas	H. Brown #5	7-37N-4E	Whitlash	RUCT
Hauge-Truesdell Co.	Truesdell #1	34-21N-18E	Winifred	Drlg. 985
Northwest Pipe Line Co.	Scharf #1	6-21N-18E	Winifred	Temp. abd. 2605
Basin Drlg. Co.	Udelhoven #1	24-22N-18E	Winifred	Drlg. 650
Amick Drlg. Co.	Crocker #1	15-8N-20E	Woman's Pocket	SD 2125
Amick, R. M.	N. P. #1	29-8N-21E	Woman's Pocket	Stdg. 2112

OUTSIDE AREAS

OLD EXHAUSTED WELLS PLUGGED AND ABANDONED IN 1950

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>FIELD OR AREA</u>	<u>STATUS</u>
Texas Company	N. P. D-1	31-5N-20E	Big Coulee	8-16-50 P & A, Gas
E. F. Cobb	J. Farbo #1	1-37N-4W	Border	10-13-50, P & A, Oil
E. F. Cobb	M. Farbo #1	1-37N-4W	Border	10-13-50, P & A, Oil
Mont-Dakota Util. Co.	N. P. #358	21-5N-60E	Cedar Creek	5-18-50, P & A, Gas
Mont-Dakota Util. Co.	N. P. #357	27-5N-60E	Cedar Creek	6-10-50, P & A, Gas
Texas Company	Ekholt #1	3-33N-1E	Devon	8-22-50, P & A, Oil
Texas Company	Weir #1	4-33N-1E	Devon	8-22-50, P & A, Oil
Texas Company	Weir #2	4-33N-1E	Devon	8-22-50, P & A, Oil
Ohio Oil Co.	US 027549 Maddox #11	10-7S-21E	Dry Creek	4-17-50, P & A, Oil
Husky Oil Co.	McDermott #1	9-36N-1E	Kicking Horse	10-27-50, P & A, Gas
Lexa Stephens Pet.	Vermulm #1	19-28N-1W	Midway	9-20-50, P & A, Oil
Stephens Pet.	Tarrant-Bauma #1	31-28N-1W	Midway	2-26-50, P & A, Oil
Mont-Dakota Util. Co.	N. P. #369	21-5N-60E	101 Structure	6-6-50, P & A, Gas

SUMMARY OF WELLS BY FIELDS FROM
BEGINNING TO OCTOBER 31, 1950

<u>FIELD</u>	<u>GOVERNMENT & INDIAN LANDS</u>			<u>STATE & PRIVATE LANDS</u>		
	<u>POW</u>	<u>PGW</u>	<u>P&A</u>	<u>POW</u>	<u>PGW</u>	<u>P&A</u>
Apex	-	-	-	-	3	1
Armells	-	-	1	-	2	5
Bears Den & E. Bears Den	-	2	2	2	4	5
Bannatyne	-	-	-	1	-	49
Berthelote & SW Berthelote	-	-	-	1	-	8
Big Wall	-	-	-	15	-	5
Border	-	-	-	10	-	29
Bowdoin	-	168	5	-	164	114
S. E. Bowdoin	-	-	-	-	-	1
Bowes	-	-	-	3	19	5
Box Elder	-	-	-	-	8	11
Brady	-	-	-	4	-	6
Cat Creek	113	-	92	66	-	46
Cedar Creek	-	67	21	1	179	32
Clark Fork	1	-	-	-	-	-
Conrad-Midway	-	-	-	1	1	15
Cut Bank (Inc. Reagan)	409	7	72	769	158	228
Devil's Basin	-	-	1	3	-	31
Devil's Pocket	-	1	2	-	-	1
Devon	-	-	-	-	23	30
Dry Creek	2	1	5	5	7	1
Elk Basin	39	1	3	36	-	1
Flat Coulee	-	-	-	2	1	3
Frannie	1	-	-	1	-	-

FIELD	GOVERNMENT & INDIAN LANDS			STATE & PRIVATE LANDS		
	POW	PGW	P&A	POW	PGW	P&A
Fred & George Creek	-	-	-	-	1	-
Gage	-	-	-	6	-	12
Grand View	-	-	-	-	1	1
Guinn Dome	-	2	1	-	-	-
Hardin	-	4	-	-	84	9
Havre	-	-	-	-	4	20
Haystack Butte	-	-	-	-	2	2
Ingomar	-	-	-	-	1	1
Jack Creek	-	-	1	1	-	4
Kevin-Sunburst	219	23	295	1426	198	1357
Kicking Horse	-	-	-	-	3	2
Kremlin	-	-	-	-	1	6
Lake Basin	-	-	-	2	2	25
Marias River	-	-	-	-	2	10
Melstone	-	-	-	6	-	7
McClaren Coulee	-	-	-	-	2	1
Mosser	-	-	2	6	1	12
Plevna	-	-	-	-	12	-
Pondera & S.W. Pondera	-	-	-	239	-	63
Pritchard	-	-	-	-	1	2
Ragged Point	-	-	2	3	-	8
Rattlesnake Butte	1	-	1	-	-	2
Sherrard	-	-	-	-	1	2
Six Shooter	-	-	-	-	1	9
Soap Creek	6	-	4	-	-	1
Sumatra	-	-	-	3	-	-

<u>FIELD</u>	<u>GOVERNMENT & INDIAN LANDS</u>			<u>STATE & PRIVATE LANDS</u>		
	<u>POW</u>	<u>PGW</u>	<u>P&A</u>	<u>POW</u>	<u>PGW</u>	<u>P&A</u>
Utopia	-	1	-	3	3	5
West Pondera	-	-	-	-	1	2
Whitlash	-	-	-	9	24	23
Winifred	-	-	1	-	1	2
Woman's Pocket	-	-	-	1	1	3
Other Areas	<u>-</u>	<u>-</u>	<u>79</u>	<u>-</u>	<u>1</u>	<u>457</u>
TOTAL	791	277	590	2625	917	2675