

BOARD OF RAILROAD COMMISSIONERS

STATE OF MONTANA

ANNUAL REPORT OF

OIL AND GAS WELL DIVISION

FOR

FISCAL YEAR ENDED

OCTOBER 31, 1948

PREPARED BY

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RESUME OF MONTANA OIL & GAS OPERATIONS  
FOR FISCAL YEAR ENDING OCTOBER 31, 1948

353 201

There were a total of ~~312~~ wells drilled in the State, of which 197 were commercial oil wells, 52 were commercial gas wells, and 63 were dry. + 7 untested. 94

51

There were several developments of interest. The Reagan field, north and west of the Cut Bank field, has now completed 7 wells and increased production from 3,391 barrels in 1947 to 38,884 barrels for 1948. The Amerada Petroleum Corporation completed one well in the Melstone area flowing 24 barrels oil per hour through choke, and at present are drilling two more, while Texas Company have two wells in the Big Wall area, which apparently prove an important discovery.

The attached plates contain a summary of the development work done in the oil and gas industry in Montana for fiscal year ending October 31, 1948.

PRODUCTION

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

<u>FIELD</u>	<u>TOTAL</u>
Bears Den	3,180 barrels
Berthelote	894 "
Big Wall	12 "
Border	18,466 "
Brady	1,036 "
Cat Creek	536,277 "
Cut Bank	4,128,949 "
Dry Creek	106,395 "
Kik Basin	2,299,920 "
Flat Coulees	1,907 "
Frannie	23,198 "
Gage	25,987 "
Kevin-Sunburst	1,634,897 "
Lothair	1,279 "
Lake Basin	1,189 "
Melstone	4,649 "
Messer	19,608 "
Penders	336,786 "
Ragged Point	73,647 "
Reagan	38,884 "
Soap Creek	18,368 "
Whitlash	7,582 "
TOTAL	<u>9,283,110 barrels</u>

In the State as a whole, the total output for all fields was 9,283,110 barrels, as compared with 8,564,305 barrels for the preceding period. Five fields show a total decline of 201,368 barrels for the year. Cat Creek declined 17,597 barrels, Cut Bank 117,652 barrels, Dry Creek 28,613 barrels, Gage 33,905 barrels and Lake Basin 3,601 barrels. However, there was a total yearly gain of 718,805 barrels, due to increased production in all but the above five fields. The increased production in the Elk Basin field accounted for 694,758 barrels of the 718,805 barrel increase, but several of the new fields have only been on production for part of the past twelve months; therefore a larger increase in production can be expected during the next year.

#### NORTHERN AREA PROVEN FIELDS

There were a total of 93 wells drilled in the Cut Bank field, of which 59 were producing oil wells, 12 producing gas wells, 20 dry and two untested. The increased production in the Madison lime did not compensate for the decline in the Cut Bank sand wells; therefore the field as a whole shows a loss of 117,652 barrels for the year.

In the Kevin-Sunburst field, there were a total of 118 wells drilled, of which 90 were producing oil wells, 6 producing gas wells, and 20 dry, 1 lost hole and 1 untested. 47 exhausted wells were plugged and abandoned. The field shows an increase of 42,467 barrels for the year, against a decline for the preceding period of 225,780 barrels. The increase of an average of 117 barrels of oil per day is not of great moment, but the fact that the field increased, rather than continued a yearly decline of approximately 225,000 barrels, is important.

The Pendera field was more active with 17 wells drilled, of which 13 were commercial oil wells, 3 were dry, and 1 testing. The field shows an increase in production for the year of 22,312 barrels.

The Reagan field is just being developed with 7 wells drilled, of which 7 were commercial oil wells. This field is another promising discovery with an increase in production of 35,493 barrels over the preceding year.

#### SOUTHERN AREA PROVEN FIELDS

Elk Basin still leads the southern area fields in production, even surpassing the Kevin-Sunburst by 12,732 barrels for the year. The larger share of the production in this field comes from the Madison lime, but production has also been found in the Frontier, Dakota and Lakota sands. There were 12 wells completed, of which 10 were commercial oil wells, and 2 dry. Production increased 694,758 barrels for the year, for a total of 2,299,920 barrels.

The Cat Creek field declined in production 17,597 barrels, but there were only 14 wells completed in the field for the year, of which 8

were commercial oil wells, and 6 dry. A new area for Ellis sand oil was located in Section 26, Twp. 15 N., Rg. 30 E., on east side of the Musselshell river and north of the Manion, Cherry & Kidd wells. These wells have an initial of approximately 100 BOPD.

In the Melstone area south of Ragged Point field, the Amerada Petroleum Company have completed one well flowing 24 BOPD through choke and have two drilling. This has been on production about a month, but has produced 4,649 barrels to date.

At Big Wall, the Texas Company have completed three wells, two commercial oil wells, and one dry hole. The field is proving quite a problem for the geologists in that the horizon the good production is found varies from the upper Amaden to basal Amaden.

Ragged Point has been a disappointment since the discovery of the original Manion #1 well. A total of seven wells have been drilled here with only 2 commercial oil wells, 5 dry. The producing area in the Kibbey horizon is now proven to be small, though there still may be Amaden production found down structure in the area.

One good well was completed in the Soap Creek field, with an initial production of 102 barrels the first 6 hours. The oil is about 18° gravity and contains considerable sulphur.

In Devils Basin the Cleverleaf Petroleum are acidizing their No. 1 N.F. after having a good show of oil in the Heath core.

#### NORTHWEST AREA WILD CAT WELLS

In the Lothair area, more properly called the Utopia field, the Texas Company completed two wells, the Fenger #1 and #2. The #1 well is a small oil well in the Ribbon sand completed with pipe cemented too high above the oil sand, with the result the hole caved and a liner was run, which nearly shut off all production. The Fenger #2 was completed as a 17,700,000 cubic feet sweet gas well in the basal Ellis sand, after having very good shows of oil in the Ribbon sand above the basal Ellis sand, then more oil about 260 feet in the Madison lime. This area now has approximately 150,000,000 cubic feet of sweet gas developed, but to date all of the gas is shut-in, none having been sold. It also has three oil wells which are not being produced at present. The gas is found in the basal Ellis sand and Devonian formation.

The Phillips Petroleum Corporation Millen #1 in Flat Coulee was finally abandoned after drilling into the Cambrian formation. This well had about 4,000 MCF sweet gas above the Sunburst sand, but this was lost when plugging back, with the result the hole was abandoned.

The General Petroleum Corporation on the Blackleaf structure abandoned their hole after drilling through an over thrust fault.

### SOUTHERN AREA WILD CAT WELLS

In Woman's Pocket, the Amick Drilling Company had 750 feet of about 22 gravity oil in the hole, which bailed down easily, therefore they are coring a little deeper. This oil was found in the Amaden formation and is estimated good for at least six barrels natural.

The Men-C-Co Corporation drilled a well in the Billings area just north of town, and had a little oil showing in the Charles formation, but it was not commercial and the hole was abandoned.

On Clark Fork the Seaboard Oil Company drilled to about the Embury formation and abandoned the hole. It was checking too low structurally to warrant drilling to the Madison.

The Ohio abandoned their Porcupine Dome well after drilling through the Cambrian formation. This well had unusually large water flows, but no show of either gas or oil, though the Cambrian showed considerable dead oil in the cores.

Ike Taylor completed a 30 barrel well on Rattlesnake Butte, but intends to carry the hole to the Kibbey sand at some future date.

Two wells have been drilled and abandoned in the Rock Creek Bench area. Both had shows of oil in the Heath formation, but the line was too hard and tight for production.

Hunt Oil Company drilled a well to the Madison line southeast of Custer, and abandoned it, with no shows of either gas or oil through the entire section.

At Big Coulee, the Texas Company drilled into the Cambrian formation without finding any commercial oil, but they have plugged back to save a small amount of gas found in the Morrison formation. At present they are trying to increase their gas flow and if successful, will probably drill another well several miles from this location to try and develop a gas field.

### CEDAR CREEK AND BOWDOIN

There were 21 commercial gas wells completed at Bowdoin and 1 dry hole, while at Cedar Creek only 4 wells were drilled, of which 3 were commercial gas wells, one a dry hole.

### CONCLUSION

The daily crude production in Canada has been increased from about 20,000 barrels in 1947 to 39,572 barrels at present. This may result in a loss of market for the crude now shipped into Canada from the United States.

The present high price for crude is gradually forcing small independent refineries out of business because unless they own their own production, they cannot compete with the larger refineries. Both the Carter 20,000 barrel per day refinery and the Continental 7,500 barrel refinery will be completed and in operation some time in 1949. When these refineries start actual operation, considerable more than the present 500,000 barrels per month now being imported from Wyoming and Colorado will have to be shipped in, unless production in Montana can be greatly increased through the discovery of new fields, and increased drilling in present ones.



BOARD OF RAILROAD COMMISSIONERS

State of Montana

OIL & GAS WELL DIVISION

Fiscal Year Ended October 31, 1948

PLATES ATTACHED

- Plate I - Wells completed - Abandonments - and Status of Uncompleted wells during Fiscal Year ended October 31, 1948 - CUT BANK FIELD (REAGAN)
- Plate II- Wells completed - Abandonments - and Status of Uncompleted wells during Fiscal Year ended October 31, 1948 - KEVIN-SUNBURST FIELD
- Plate III Wells completed - Abandonments - and Status of Uncompleted wells during Fiscal Year ended October 31, 1948 - CAT CREEK FIELD
- Plate IV Wells completed in other fields and areas during fiscal year ended October 31, 1948
- Plate V Status of Uncompleted Wells at end of Fiscal Year on October 31, 1948, not previously listed
- Plate VI Status of wells as of October 31, 1948

CUT BANK WELL COMPLETIONS ( INC. REAGAN )  
FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Carter Oil Co.	Cross #2	7-36N-5W	11-1-47	325 bbls. 19 hrs.
Texas Company	Newell #1	13-35N-6W	11-10-47	2,600 MCF Gas
Union Oil Company	Langabeer Unit #9	6-35N-5W	11-12-47	95 bbls.
Union Oil Company	Fee 29T #1	30-35N-4W	11-16-47	8,300 MCF Gas
Union Oil Company	Haines Unit #2	20-35N-5W	11-19-47	Dry - P & A
Allison et al	Thayer #1	23-36N-6W	11-24-47	Dry - P & A
Texas Company	Ammerman #2	26-36N-6W	11-24-47	3 bbls.
Stephens Pet. Co.	Van Demark #2	15-32N-5W	11-29-47	12 bbls.
Union Oil Co.	Dahlquist Unit #6	12-34N-5W	12-3-47	28 bbls.
Carter Oil Co.	Konantz-Fee #1	34-35N-5W	12-4-47	5,358 MCF Gas
Big West Oil Co.	Proefrook #4	7-34N-4W	12-11-47	18 bbls.
Union Oil Co.	Langabeer Unit #10	7-35N-5W	12-12-47	2,000 MCF Gas
Carter Oil Co.	Ira Surber #2	13-36N-6W	12-17-47	31 bbls.
Union Oil Co.	Stufft #2	18-36N-5W	12-20-47	66 bbls. 12 hrs.
Inland Emp. Ref. Co.	Michaels #1	21-36N-5W	12-22-47	Dry - P & A
Indian Oil Co.	Rieckhoff #1	3-34N-6W	12-24-47	15 bbls.



GULF BANK WELL COMPLETIONS ( INC. REAGAN )

FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Texas Company	Tweedy #6	21-35N-6W	12-30-47	Dry P & A.
A. B. Cobb & Co.	Anderson #2	51-32N-5W	1-2-48	Dry - P & A
Texas Company	Stufft 245 #3	30-36N-8W	1-6-48	22 bbls.
Carter Oil Co.	O. I. Surber #4	13-36N-6W	1-6-48	139 bbls.
Union Oil Co.	Dahlquist Unit #7	12-34N-5W	1-7-48	23 bbls.
Texas Company	Pee M442 #1x	10-35N-6W	1-8-48	40 bbls.
Carter Oil Co.	Durrell #1	13-36N-6W	1-8-48	82 bbls.
Union Oil Co.	Stufft 416 #3	18-36N-5W	1-18-48	72 bbls.
Texas Company	Unit Sec. 11 #11	11-35N-6W	1-20-48	75 bbls.
Carter Oil Co.	Ira Surber #3	13-36N-6W	1-22-48	243 bbls.
Texas Company	Kneale #3	14-35N-6W	1-22-48	17 bbls.
Texas Company	Baldwin #1	31-36N-5W	1-30-48	1,600 MCF Gas
Union Oil Co.	Dahlquist Unit #8	12-34N-5W	2-3-48	8 bbls.
Texas Company	State M-455 #15	16-32N-5W	2-5-48	44 bbls.
Union Oil Co.	Stufft 416 #4	18-36N-5W	2-9-48	66 bbls.
Big West Oil Co.	Proefrock #5	7-34N-4W	2-16-48	13 bbls.

CUT BANK WELL COMPLETIONS ( INC. REAGAN )

FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Union Oil Co	Langabeer Unit #11	7-35N-5W	2-18-48	Dry - P & A
Carter Oil Co.	Gross #3	7-36N-5W	2-22-48	74 bbls.
Texas Company	Doorenbos #2	25-36N-6W	2-23-48	Dry - P & A
Union Oil Co.	McGuinness Unit #11	30-36N-5W	2-28-48	66 bbls.
Texas Company	Unit Sec. 11 #12	11-35N-6W	3-8-48	26 bbls.
Texas Company	Pee N-442 #2	10-35N-6W	3-11-48	150 bbls.
Carter Oil Co.	Rasmussen #8	32-33N-5W	3-12-48	17 bbls.
Carter Oil Co.	Durrell #2	13-36N-6W	3-16-48	26 bbls.
Union Oil Company	Stufft 416 #5	18-36N-5W	3-17-48	40 bbls.
Texas Company	Unit Sec. 9 #14	9-32N-5W	3-17-48	Dry - P & A
Union Oil Co.	Dahlquist Unit #9	12-34N-5W	3-20-48	Dry - P & A
Carter Oil Co.	Howsley #2	13-36N-6W	3-30-48	431 bbls.
Stephens Pet. Co.	Rasmussen #2	32-33N-5W	4-3-48	Dry - P & A
Union Oil Co.	Stufft 417 #2	24-36N-6W	4-5-48	Dry - P & A
Texas Company	Unit Sec. 9 #13	9-32N-5W	4-13-48	100 bbls. 18 hrs.
Carter Oil Co.	Gross #4	7-36N-5W	4-14-48	192 bbls.
Marena Oil Co.	Tribal 226 #5	25-32N-6W	4-19-48	40 bbls.

CUT BANK WELL COMPLETIONS ( INC. HEAGAN )

FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Carter Oil Co.	Lindquist #1	10-32N-5W	4-25-48	181 bbls.
Carter Oil Co.	Ira Surber #4	13-36N-6W	4-28-48	60 bbls.
Texas Company	State M-455 #16	16-32N-5W	5-1-48	23 bbls.
*Carter Oil Co.	Plette #1	12-36N-6W	5-5-48	Lost hole at 3192 - P&A
Levi J. Burd	Tribal 367 #1	15-36N-6W	5-6-48	Dry P & A
Big West Oil Co.	Proofrook #6	7-34N-4W	5-7-48	14 bbls.
Carter Oil Co.	Howaley #3	13-36N-6W	5-12-48	498 bbls.
Texas Company	Sherbourne Merc #1	20-35N-6W	5-20-48	Dry - P & A
Union Oil Co.	Mather Unit #2	25-35N-5W	5-20-48	5,833 MCF Gas
Hannah-Porter Co.	Tribal 343 #3	23-32N-6W	5-21-48	149 bbls.
Consolidated Gas Co.	Fee #1	24-36N-6W	6-1-48	3,500 MCF Gas
Carter Oil Co.	Barkuleo #1	18-36N-5W	5-31-48	279 bbls.
Carter Oil Co.	Plette #1A	12-36N-6W	6-17-48	100 bbls.
Carter Oil Co.	Tribal 4907 #35	10-35N-6W	6-21-48	38 bbls.
Carter Oil Co.	Lindquist #2	10-32N-5W	6-23-48	51 bbls.
Union Oil Co.	Dahlquist #3	7-34N-4W	6-24-48	5,000 MCF Gas
Carter Oil Co.	Brown #3	24-36N-6W	7-12-48	55 bbls.

CUT BANK WELL COMPLETIONS ( INC. REAGAN )

FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Marena Oil Co.	Tribal 225 #7	25-32N-6W	7-16-48	Dry - P & A
Union Oil Co.	Storle #2	10-32N-5W	7-20-48	Dry - P & A
Hannah Porter-Inland	Tribal 307 #3	26-32N-6W	7-21-48	50 bbls.
Big West Oil Co.	State #2	30-36N-4W	7-24-48	11,750 MCF Gas
Union Oil Co.	Dahlquist Unit #10	12-34N-5W	7-29-48	55 bbls.
Carter Oil Co.	Helgeson #1	20-36N-5W	7-30-48	Dry - P & A
Carter Oil Co.	Fee 13 #4	13-33N-6W	7-31-48	41 bbls.
Carter Oil Co.	Barkuleo #2	18-36N-6W	8-13-48	287 bbls.
A. B. Cobb & Co.	Tribal 11 #5	23-32N-6W	8-19-48	60 bbls.
Union Oil Co.	Del Re Unit #1	18-36N-4W	8-30-48	Dry $\frac{1}{2}$ P & A
A. B. Cobb & Co.	Tribal 211 #3	19-32N-5W	8-30-48	Testing
Carter Oil Co.	Durrell #3	13-36N-6W	8-30-48	Dry - P & A
Marena Oil Co	Tribal 126 #4	7-32N-5W	8-31-48	20 bbls.
Union Oil Co.	Barrington #2	19-33N-5W	9-6-48	Dry - P & A
Drumbheller, J. C.	Yunck #1	1-34N-6W	9-12-48	4,000 MCF Gas
Big West Oil Co.	State #3	30-35N-6W	9-15-48	4,000 MCF Gas
Texas Company	Fee N-442 #3	10-36N-6W	9-16-48	35 bbls.

CUT BANK WELL COMPLETIONS ( INC. REAGAN)

FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
A. B. Cobb & Co.	Tribal 230 #7	29-32N-5W	9-16-48	24 bbls.
Carter Oil Co.	Brown #4	24-36N-6W	9-18-48	49 bbls.
A. B. Cobb & Co.	Tribal 229 #7	25-32N-6W	9-24-48	Re-drilling
Texas Company	Aronson #6	21-35N-6W	10-1-48	5 bbls.
Union Oil Co.	Del Re Unit #8	19-35N-4W	10-4-48	8,500 MCF Gas
Union Oil Co.	Stufft 416 #6	18-36N-5W	10-4-48	13 B.O.P.H.
Texas Company	Hessler #7	20-35N-5W	10-5-48	19 bbls.
Lee Bros.-Miller Oil	Anderson #3	31-32E-5W	10-14-48	15 bbls.
Phillips Petroleum Co.	Tribal 344 #3	14-32N-6W	10-16-48	27 bbls.
Indian Oil Co.	Britton #4	14-34N-6W	10-18-48	Dry - P & A
Consolidated Gas Co.	Tribal 206 #4	19-32N-5W-	10-19-48	30 bbls.
<u>REAGAN ARRA</u>				
Union Oil Co.	Tribal 194 #4	27-37N-7W	11-10-47	3,000 MCF Gas
Union Oil Co.	Tribal 194 #5	15-37N-7W	11-17-47	72 bbls. flowed
Montana Power Co.	Tribal 355 #3	10-37N-7W	7-14-48	33 bbls.
Union Oil Co.	Tribal 194 #6	15-37N-7W	7-28-48	100 bbls. 5 hrs.

CUT BANK WELL COMPLETIONS ( INC. REAGAN)

FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Union Oil Co.	Tribal 194 #7	15-37N-7W	8-12-48	121 bbls. flowed 4/32" choke
Union Oil Co.	Tribal 194 #8	15-37N-7W	9-4-48	30 B.O.P.H.
Montana Power Co.	Tribal 355 #4	16-37N-7W	9-24-48	66 bbls.
Montana Power Co.	Tribal 355 #5	9-37N-7W	10-16-48	27 bbls.

SUMMARY OF CUT BANK COMPLETIONS ( INC. REAGAN  
FOR FISCAL YEAR ENDING OCTOBER 31, 1948

<u>No. Wells</u>	<u>Status</u>
50	Oil wells drilled on State & Patented Land
16	Oil wells drilled on Government Land
12	Gas wells drilled on State & Patented Land
1	Gas well drilled on Government Land
15	Dry wells drilled on State & Patented Land
2	Dry Wells drilled on Government Land
<u>2</u>	Untested Wells drilled on Government Land
101	Total wells drilled in Cut Bank Field during fiscal year ending October 31, 1948.

\* Includes one lost hole at 3192

Note: Kately-Halverson #1 was deepened from 2737 to 2940 and PB

STATUS OF UNCOMPLETED WELLS IN  
CUT BANK FIELD INC. REAGAN, OCTOBER 31, 1948.

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>STATUS</u>
Big West Oil Co.	Poore Estate #1	19-34N-4W	Drlg. @ 2298
Levi J. Burd	T.D.C. 1 #6	32-32N-5W	Drlg. @ 2739
Carter Oil Co.	Jacobson T #6	8-33N-5W	Drlg. @ 1375
Carter Oil Co.	Lindquist #3	10-32N-5W	Drlg. @ 1080
Hannah-Porter-Inland	Tribal 343 #4	23-32N-6W	Drlg. @ 150
Phillips Petroleum	Farmers Bank #8	17-33N-5W	Drlg. @ 2855
Texas Company	W. J. Jones #3	7-33N-5W	Drlg. @ 2015
Texas Company	Walker #4	2-35N-6W	Drlg. @ 2560
Union Oil Co.	Kemmer #1	31-36N-5W	Drlg. @ 3060
Montana Power Co.	Tribal 355 #6	16-37N-7W	Drlg. @ 3522



CUT BANK FIELD  
FOLLOWING ARE OLD EXHAUSTED WELLS

PLUGGED AND ABANDONED IN 1948

<u>Company</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>STATUS</u>
Patterson, H. P.	Cole #1	2-32N-6W	P & A 6-12-48, Oil
Sandgren et al	Anderson #3	26-35N-6W	P & A 11-1-47, Oil
Marena Oil Co.	Tribal 225 #1	25-32N-6W	P & A 3-5-48, Oil ✓
Marena Oil Co.	Tribal 125 #2	12-32N-6W	P & A 3-5-48, Oil ✓
Texas Company	Ammerman #2	26-36N-6W	P & A 10-20-48, Oil ✓
Texas Company	Ewing #1	24-35N-6W	P & A 10-20-48, Oil ✓
Texas Company	Fee N-466 #1	25-33N-6W	P & A 10-20-48, Oil ✓
Texas Company	Lindquist #7	20-32N-5W	P & A 5-22-48, Oil ✓

KEVIN-SUNBURST WELL COMPLETIONS

FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
*Sunburst Oil Venture	Holbrook #7	1-36N-3W	9-19-47	Dry - P & A
Welch Brothers	State #5	36-35N-2W	11-3-47	7 bbls.
Hepstad-Crippen et al	Kal Bar #10	18-35N-1W	11-7-47	20 bbls.
Pacific Western Corp.	Donovan #2	36-35N-4W	11-8-47	39 bbls.
Texas Company	State N-1693 #17	16-36N-2W	11-8-47	17 bbls.
Oien, C. T.	Helmerich #5	30-35N-2W	11-12-47	6 bbls. 10 day avg.
Sorrell & Cotton	Ward #7	20-35N-3W	11-12-47	20 bbls.
Texas Company	Reeg #19	23-35N-2W	11-14-47	13 bbls.
Hannah-Porter Co. (fee)	Newman #1	19-32N-1W	11-19-47	1,000 MCF Gas
Texas Company	Henderson #1	15-34N-3W	11-20-47	Dry - P & A
Enfield Oil Co.	Zachor #13	20-35N-1W	11-22-47	10 bbls.
Texas Company	Bruins #23	10-35N-2W	11-30-47	104 bbls.
Texas Company	Kenny Non-Jt #13	15-36N-2W	12-1-47	129 bbls.
Poplar Development Co.	Solberg #3	20-36N-3W	12-1-47	25 bbls.
Rimrock Prod. Co.	OF 084217 #9	19-35N-3W	12-2-47	29 bbls.
Lon Crumley, Trustee	Larson #4	17-35N-2W	12-5-47	50 MCF gas
Shay, C. W.	OF 083247 #24	10-35N-3W	12-6-47	20 bbls.

KEVIN-SUNNIBEST WELL COMPLETIONS

FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Texas Company	Kenny Jt. #13	15-35N-2W	12-16-47	110 bbls.
Hepstad Oil Co.	Haugen #8	11-35N-3W	12-16-47	15 bbls.
Texas Company	Reeg #20	14-35N-2W	12-17-47	78 bbls.
Superior Pet. Co.	Haugen #7	11-35N-3W	12-19-47	20 bbls.
Hepstad-Crippen et al	Kal Bar #11	16-35N-1W	12-20-47	120 bbls.
Ke-Sun Oil Co.	Stewart-Carlson #11	25-35N-3W	12-30-47	4 bbls.
Texas Company	Reeg #21	14-35N-2W	1-8-48	176 bbls.
Edwards, Lee E.	Dalry #1	3-33N-3W	1-12-48	Dry - P & A
Texas Company	Reeg #22	23-35N-2W	1-12-48	17 bbls.
Texas Company	Kenny Non Jt. #14	15-35N-2W	1-15-48	5 bbls.
Texas Company	Kenny Non Jt. #15	15-35N-2W	1-19-48	31 bbls.
Smith, C. L.	GP 062063 #5	13-35N-2W	1-23-48	Untested
Johnson, J. E.	Adams #1	12-34N-2W	2-1-48	17 bbls.
Barmac Production Co.	Lashbaugh #21	34-35N-2W	2-10-48	6 bbls.
York Montana Oil Co.	Roberts #1	25-33N-3W	2-17-48	Dry - P & A
Sorrell & Son	Sorrell #2	6-34N-2W	2-18-48	10 bbls.
Imperial Craig Co.	Martin #12	18-35N-1W	2-25-48	Dry - P & A
Cobb-Hardrock	GP 064648 "B" #15	20-35N-3W	2-29-48	35 bbls.

KEVIN-SUNSHINE WELL COMPLETIONS

FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Texas Company	Kenny Hon Jt. #16	15-35N-2W	3-1-48	22 bbls.
Texas Company	Kenny Jt. #14	15-35N-2W	3-2-48	127 bbls.
Texas Company	Neog #24	14-35N-2W	3-17-48	85 bbls.
Texas Company	Proomke #1	11-34N-3W	3-18-48	86 bbls.
Fulton Kevin Oil Co.	GP 085548 #1	4-34N-2W	3-24-48	100 MCF Gas
Sorrell & Smith	Sorrell #2	7-34N-2W	4-4-48	125 bbls.
Texas Company	State N-1693 #20	16-35N-2W	4-8-48	12 bbls.
McKee, S. R.	McKee #14	25-35N-2W	4-10-48	15 bbls.
Hunger & Libke	Byrne #2	35-35N-2W	4-15-48	Dry - P & A
Edwards, Lee N.	GP 087282 #1	20-35N-3W	4-15-48	Dry - P & A lost hole
Cobb-Hardrock	GP 084648 "B" #14	20-35N-3W	4-16-48	30 bbls.
Hesla Oil Co.	McManus #10	21-35N-2W	4-29-48	25 bbls.
Beardslee, A.	Swears #14	6-35N-2W	4-30-48	Dry - P & A
Poplar Dev. Co.	Solberg #4	20-35N-3W	5-7-48	40 bbls. flow
Adaskavich, S.	George #4x	8-34N-2W	5-9-48	5 bbls.
Imperial Craig Co.	Martin #13	16-35N-1W	5-13-48	40 bbls.
Enfield Oil Co.	Zacher #14	20-35N-1W	5-14-48	60 bbls.
Yarbrough, P. M.	Sohn #3	25-35N-3W	4-17-48	75 bbls.

KEVIN-SUNBURST WELL COMPLETIONS

FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Edwards, Lee N.	GP 087282 #2	20-35N-3W	5-21-48	60 bbls.
Crumley & Sons	Fryberger #33	24-35N-3W	5-21-48	100 bbls.
Engelking, J. R.	Hurley #9	8-34N-2W	5-22-48	50 MCF Gas Est.
Carroll & Benjamin	Gundersen #3	19-35N-2W	5-24-48	50 bbls.
Oien, C. T.	Engemoen #31	14-35N-2W	5-29-48	12 bbls.
Vander Pas, H.	McCormick #22	33-35N-2W	5-30-48	Dry - P & A
Shay, C. W.	GP 085555 #2	27-35N-3W	6-12-48	12 bbls.
Cobb-Hardrock	GP 084648 #16	20-35N-3W	6-13-48	5 bbls.
McKee, E. R.	McKee #15	25-35N-2W	6-16-48	10 bbls.
Dakota Montana Oil Co.	Jackson #1	31-36N-2W	6-19-48	Dry - P & A
Haeh, A. A.	Neumann #19	22-35N-2W	6-20-48	30 bbls.
Crumley & Sons	Fryberger #34	24-35N-3W	6-22-48	48 bbls.
Montana Oil & Mines	Ward #5	29-35N-3W	6-26-48	75 bbls.
Coolidge & Coolidge	Walt "B" #4	13-35N-2W	6-27-48	30 bbls.
Blase, A. H.	Monson #3	14-34N-1W	6-30-48	100 MCF gas
Aronow, B. A. S.	GP 085805 #3	35-36N-3W	7-2-48	Dry - P & A
Texas Company	GP 083345 #7	9-35N-3W	7-19-48	74 bbls.
Oien, C. T.	Engemoen #30	14-35N-2W	7-12-48	6 bbls.

KEVIN-SUNBURST WELL COMPLETIONS

FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Shay, C. W.	Walt #18	24-35N-2W	7-13-48	8 bbls.
J. H. Agen Oil	Goeddertz #11	16-35N-3W	7-13-48	5 bbls.
Carroll & Benjamin	Gunderson #4	19-35N-2W	7-15-48	100 bbls.
Poplar Dev. Co.	Solberg #5	20-35N-3W	7-21-48	Dry - P & A
Imperial Craig Co.	Blum #22	19-35N-1W	7-30-48	20 bbls.
Hills Oil Co.	GP 086593 #1	8-35N-2W	8-1-48	8 bbls.
Crumley & Sons	Pryberger #35	24-35N-2W	8-1-48	40 bbls.
Clarmont Oil Co.	GP 052363 "A" #3	20-35N-2W	8-3-48	60 bbls.
Engelking, J. H.	Danielson #5	20-35N-1W	8-6-48	15 bbls.
Pioneers Oil Co.	GP 085338 #1	4-34N-2W	8-10-48	24 bbls.
Sorrell & Smith	Sorrell #3	7-34N-2W	8-12-48	20 bbls.
Edwards, Lee H.	GP 087282 #5	20-35N-3W	8-17-48	30 bbls.
Yarbrough, F. H.	Sohn #4	23-35N-3W	8-17-48	26 bbls.
Shay, C. W.	GP 085555 #3	27-35N-3W	8-17-48	Dry - P & A
Dwire, H. et al	Jenkins #1	14-34N-2W	8-21-48	Dry - P & A
Arnold, B. A. S.	GP 051863 "B" #15	24-35N-3W	8-23-48	5 bbls.
Oien, C. T.	Engemoen #32	14-35N-2W	8-27-48	15 bbls.

KEVIN-SUMBURST FIELD COMPLETIONS

FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Pacific Western	GP 065809 #11	4-35N-3W	9-1-48	76 bbls.
Texas Company	A. S. Porter #2	2-34N-3W	9-1-48	36 bbls.
Barnes Prod. Co.	Naughan #16	30-35N-1W	9-2-48	80 bbls.
Hess, A. A.	W. M. Neumann #15	22-35N-2W	9-4-48	Dry - P & A
Crumley & Sons	Fryberger #36	24-35N-3W	9-6-48	20 bbls.
J. H. Agen Oil	Goeddertz #12	16-35N-3W	9-7-48	5 bbls.
Fauque & Pollette	Hurley #1	7-34N-2W	9-9-48	Dry - P & A
Shoemaker, C. W.	Heskins #1	33-35N-1W	9-13-48	20 bbls.
Goeddertz, A.	Goeddertz #1	12-35N-3W	9-15-48	3 bbls.
Texas Company	Donovan #1	5-35N-3W	9-16-48	Dry - P & A
Coolidge & Coolidge	State #11	36-35N-2W	9-19-48	Dry - P & A
Hough & Kestad	Stan. State #6	25-35N-2W	9-21-48	5 bbls.
Enfield Oil Co.	Grass #4	17-35N-1W	9-24-48	10 bbls.
Edwards, Lee N.	McKee #4	7-35N-1W	9-28-48	95 bbls.
P. M. K. Petroleum	Kal-Kevin #21	19-35N-1W	9-29-48	16 bbls.
Thompson, Otis	Lorenzen #1	12-34N-3W	9-29-48	Dry - P & A
Imperial Craig Co.	Martin #11	18-35N-1W	10-1-48	100 MCF Gas est.

KEVIN-SUNBURST WELL COMPLETIONS

FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Imperial Craig Co.	Gauss #6	18-35N-1W	10-1-48	60 bbls.
Fulton Pet. Corp.	Thompson #6B	28-35N-3W	10-6-48	4 bbls.
Edwards, Leo H.	Davidson #6	28-35N-3W	10-6-48	20 bbls.
Sorrell & Son	Sorrell #3	8-34N-2W	10-7-48	25 bbls.
Oien, C. T.	Engemoen #33	11-35N-2W	10-7-48	3 bbls.
Yarbrough, P. H.	Sohn #5	23-35N-3W	10-8-48	15 bbls.
Pacific West. Corp.	GP 086809 #12	9-35N-3W	10-10-48	100 bbls. 6 hrs.
Phillips Petroleum	State #1	36-35N-4W	10-19-48	Dry - P & A
Yealy, L. J.	Norren #4	4-34N-2W	10-21-48	Dry - P & A
Hardrock Oil Co.	GP 080306 "A" #4	11-35N-3W	10-23-48	37 bbls. 15 hrs.
J. H. Agen Oil	State #4	18-35N-3W	10-23-48	5 bbls. per hr.
Hough & Nepstad	Stan. State #7	25-35N-2W	10-29-48	5 bbls. est.
Texas Company	Porter H-937 #3	2-34N-3W	10-30-48	52 bbls.

\*Omitted from 1947 Fiscal Report



SUMMARY OF KEVIN-SUNBURST WELL COMPLETIONS  
FOR FISCAL YEAR ENDING OCTOBER 31, 1948

<u>No. Wells</u>	<u>Status</u>
74	Oil Wells drilled on State and Patented Land
16	Oil Wells drilled on Government Land
5	Gas Wells drilled on State and Patented Land
1	Gas Well drilled on Government Land
18	Dry Wells drilled on State and Patented Land
2	Dry Wells drilled on Government Land
1	Untested well drilled on Government Land
<u>1</u>	Lost Hole
118	Total Wells drilled in Kevin-Sunburst Field during Fiscal Year ending October 31, 1948

Note: Imperial Craig-Martin #9 converted from oil to shallow gas well  
Not added to above (will be noted on abandonment list).

KEVIN-SUNBURST FIELD

FOLLOWING ARE OLD EXHAUSTED WELLS  
PLUGGED AND ABANDONED IN 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>STATUS</u>
Alcorn et al	Abell #1	35-35N-2W	P&A 7-1-48, oil
Alcorn et al	Abell #3	35-35N-2W	P&A 6-15-48, oil
Barnes Prod. Co.	Stan. State #4	30-35N-1W	P&A 12-5-47, oil
Bohn & Cool	Putnam #1	31-35N-1W	P&A 11-4-47, oil
Bohn & Cool	Putnam #2	31-35N-1W	P&A 11-4-47, oil
B. M. A. Oil Co.	Autz #1	18-35N-3W	P&A 3-4-48, oil
Cascadia O&P Co.	Lorenson #5	22-35N-2W	P&A 8-3-48, oil
Cascadia O&P Co.	Lorenson #13	22-35N-2W	P&A 9-6-48, oil
Cascadia O&P Co.	McManus #5	21-35N-2W	P&A 8-26-48, oil
*Cascadia O&P Co.	McManus #6	21-35N-2W	P&A 8-14-48, oil
Coolidge & Coolidge	Shaw #8	35-36N-2W	P&A 10-27-48, oil
Coolidge & Coolidge	Wait #4	15-35N-2W	P&A 10-27-48, oil
Crumley, Lon Tr.	Larson #4	17-35N-2W	P&A 5-18-48, gas
Edwards, Lee H.	Davidson #5	28-35N-3W	P&A 7-16-48, oil
Edwards, Lee H.	Hugi #1	11-35N-3E	P&A 10-11-48, Gas
Edwards, Lee H.	OF 083727 #1	35-35N-3W	P&A 3-1-48, oil
Engelking, J. R.	Hurley #8	8-34N-2E	P&A 10-18-48, oil

KEVIN-SUREBURST FIELD

FOLLOWING ARE OLD EXHAUSTED WELLS  
PLUGGED AND ABANDONED IN 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>STATUS</u>
Five-Forty Corp.	Donovan #2	34-35N-3W	P&A 3-10-48, gas
Fulton Pet. Corp.	Thompson #2	28-35N-3W	P&A 6-18-48, oil
Fulton Pet. Corp.	Thompson #8A	28-35N-3E	P&A 10-18-48, oil
Imperial Craig Co.	Gauss #3	18-35N-1W	P&A 9-7-48, oil
Imperial Craig Co.	Martin #9	18-35N-1W	P&A 10-13-48, oil
Johnson, Vern	McKee #2	7-35N-1W	P&A 8-23-48, oil
Johnson, Vern	McKee #3	7-35N-1W	P&A 7-27-48, oil
King, Mike	US 077454 #9	19-35N-2W	P&A 1-10-48, oil
Montana Oils & Mines	Ward #2	28-35N-5W	P&A 4-13-48, oil
Montana Dakota Ut.	Cox #205	34-35N-2E	P&A 6-1-48, gas
Montana Dakota Ut.	Kreitsberg #253	35-35N-2W	P&A 5-22-48, gas
Montana Dakota Ut.	Schanil #279	3-32N-2E	P&A 10-2-48, gas
Hepstad, O.A. & J.V.	State #6	25-35N-1W	P&A 5-25-48, oil
Oien, Jos. A.	Goeddertz #11	23-35N-3W	P&A 8-6-48, oil
Oien, Jos. A.	Goeddertz #15	23-35N-3W	P&A 8-1-48, oil
Rieckhoff (Wilson et al)	Byrne #1	25-35N-2W	P&A 10-19-48, gas
Rieckhoff (Wilson et al)	Byrne #2	25-35N-2W	P&A 6-19-48, oil
Rieckhoff (Wilson et al)	Byrne #3	25-35N-2W	P&A 10-19-48, oil

KEVIN-SUNBURST FIELD

FOLLOWING ARE OLD EXHAUSTED WELLS  
PLUGGED AND ABANDONED IN 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>STATUS</u>
Shoemaker & Wadleigh	Putnam #1	5-34N-1W	P&A 11-6-48, oil
Shay, C. W.	OP 083247 #5	11-35N-3W	P&A 8-25-48, oil
Shay, C. W.	OP 085555 #2	27-35N-3W	P&A 9-2-48, oil
Thorpe, M. Trustee	State #1	36-37N-3W	P&A 4-6-48, oil
Texas Company	Baker #15	4-35N-2W	P&A 11-22-47, oil
Texas Company	Britton #1	5-35N-2W	P&A 12-27-47, oil
Texas Company	Bruins #21	10-35N-2W	P&A 12-9-47, oil
Texas Company	Howling B #7	9-35N-2W	P&A 1-26-48, oil
Texas Company	Jones #2	27-34N-1W	P&A 10-26-48, gas
Texas Company	S. Swears #2	9-35N-2W	P&A 11-22-47, oil
Texas Company	Wagner #1	29-36N-1W	P&A 3-15-48, oil

\*Converted to gas wells

STATUS OF UNCOMPLETED WELLS IN  
KEVIN-SUNBURST FIELD

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>STATUS</u>
Anglo American Oil	Engle #1	35-36N-3W	DSI
Edwards, Lee N.	Bailey #1	34-35N-3W	Drlg. at 500
Fulton Pet. Corp.	Thompson #11A	28-35N-3W	Drlg. at 970
Hannah-Porter Co.	Fee #2	29-32N-1W	Drlg. at 900
Hach, A. A.	M. H. Neumann #20	22-35N-2W	Drlg. at 935
Imperial Craig Co.	Gauss #7	18-36N-1W	Drlg. at 1310
Johnson & Mobley	Adams #2	12-34N-2W	DSI at 1350
Olsen, C. T.	Engemoen #34	11-36N-2W	Drlg. at 415
Ferry, Linville & Smith	GP 052063 #4	12-35N-2W	DSI at 1295
Shay, C. W.	GP 083247 #25	10-35N-3W	SD at 1705
Stock Bros.	GP 083240 #1	17-35N-2W	Re-drlg. at 1660 - old well
Sorrell, Ray	Sorrell #7	7-34N-2W	Drlg. at 1470
Texas Company	GP 063345 #8	9-35N-3W	Drlg. at 1991
Thompson, Otis	Crawford #2	7-34N-2W	DSI at 1370
Vander Pas, H.	McCormick #23	33-35N-2W	Drlg. at 1250
Yarbrough, F. H.	Sohn #6	23-35N-3W	Drlg. at 445

CAT CREEK WELL COMPLETIONS

FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Continental Oil Co. *	U.S. 022237 #27	10-15N-29E	7-21-47	4 bbls.
Hanlon et al	U.S. 038176 Tr.4 #15	6-14N-31E	12-6-47	40 bbls.
Hanlon et al	U.S. 038176 Tr.3 #13	6-14N-31E	1-19-48	Dry, P & A
Farmers Union	State #6	16-15N-30E	5-28-48	35 bbls.
Farmers Union	State #5	16-15N-30E	9-7-47	Dry, P & A
Kidd & Cherry	N.P.Ry. #4	1-14N-30E	6-9-48	30 bbls.
Ike Taylor	U.S. 022205A #1	26-15N-30E	7-7-48	5 BOPH
Ike Taylor	Fradd #1	9-15N-29E	7-14-48	Dry, P & A
Chamberlain, R. E.	U.S. 022205A #20	9-15N-29E	7-15-48	4 bbls.
Ike Taylor	U.S. 022205A #2	26-15N-30E	8-16-48	90 bbls.
A. B. Cobb & Co	Benson #1	10-15N-29E	9-3-48	Dry, P & A
Ike Taylor	Jackson #1	27-15N-30E	9-10-48	Dry, P & A
Ike Taylor	U.S. 022205 #3	27-15N-30E	10-22-48	Dry, P & A
Continental Oil Co	U.S. 040097 #1	26-15N-30E	10-31-48	80 bbls.-18 hrs.

\* Listed as untested in 1947 report - now a small oil well.

STATUS OF UNCOMPLETED WELLS IN  
CAT CREEK FIELD, OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>STATUS</u>
Hanlon, W. H.	Mitchell #3	21 - 15 E - 30 E	S.S.I. @ 104'

CAT CREEK FIELD  
FOLLOWING ARE OLD EXHAUSTED WELLS  
PLUGGED AND ABANDONED IN 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u> ?	<u>STATUS</u>
Hunt, D. E.	Fifer #1	20-15E-30E	<u>4-14E-21E</u>	P & A - Old well
Hunt, D. E.	Fifer #1	21-15E-30E	<u>10-14E-27E</u>	P & A - Old well

SUMMARY OF CAT CREEK COMPLETIONS FOR  
FISCAL YEAR ENDING OCTOBER 31, 1948

<u>No. Wells</u>	<u>Status</u>
2	Oil Wells Drilled on State & Patented Land
6	Oil Wells Drilled on Government Land
0	Gas Wells Drilled on State & Patented Land
0	Gas Wells Drilled on Government Land
4	Dry Holes Drilled on State & Patented Land
<u>2</u>	Dry Holes Drilled on Government Land
14	Total wells drilled in the Cat Creek Field during Fiscal Year ending October 31, 1948



WELL COMPLETIONS IN OTHER FIELDS AND AREASFOR FISCAL YEAR ENDING OCTOBER 31, 1948

<u>COMPANY</u>	<u>LEASE</u>	<u>APEX</u> <u>LOCATION</u>	<u>DATE</u> <u>COMPLETED</u>	<u>RESULTS</u>
A. A. Oil Corporation	Farsell #2	4-36N-3W	4-11-48	10,000 MCF Gas
<u>BANKANTON</u>				
Carney, Tom	Speer #1	5-25E-1E	10-21-47	Dry, P & A
<u>BIG WALL</u>				
Texas Co	N.P.By. "B" #1	19-10N-27E	6-28-48	9 bbls.
Texas Co	N.P.By. "B" #2	19-10N-27E	8-6-48	Dry, Temp. abd.
Texas Co	Zoerb et al #1	18-10N-27E	10-29-48	144 bbls.
<u>BILLINGS AREA</u>				
Mon-C-Co Oil Corp	Mackey #1	20-2N-26E	1-8-48	Dry, P & A
<u>BLACELMAY</u>				
General Pet. Corp	U.S. 085950 #1	14-26N-9E	7-2-48	Dry, P & A
<u>BONDOIN</u>				
Fidelity Gas Co	Broadbrook #834	18-31E-34E	11-6-47	440 MCF Gas

BOWDOIN CNTY.

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Fidelity Gas Co	U.S. 087064 #833	11-31N-33E	11-14-47	379 <sup>1</sup> / <sub>2</sub> MCF Gas
Fidelity Gas Co	U.S. 085037 #862	4-31N-33E	11-20-47	234 <sup>6</sup> / <sub>16</sub> MCF Gas
Fidelity Gas Co	U.S. 085036 #861	8-31N-33E	11-28-47	270 <sup>2</sup> / <sub>2</sub> MCF Gas
Fidelity Gas Co	H. G. Robinson #850	33-32N-33E	12-5-47	329 <sup>6</sup> / <sub>16</sub> MCF Gas
Fidelity Gas Co	Jones #869	33-32N-35E	12-10-47	Dry, P & A
Fidelity Gas Co	U.S. 084401 #852	32-32N-33E	12-18-47	207 MCF Gas
Fidelity Gas Co	U.S. 085031 #849	6-31N-33E	12-23-47	249 MCF Gas
Fidelity Gas Co	U.S. 085029 #854	1-31-32E	1-2-48	231 MCF Gas
Fidelity Gas Co	U.S. 057425 #853	20-32N-33E	1-9-48	379 <sup>1</sup> / <sub>2</sub> MCF Gas
Fidelity Gas Co	U.S. 057600 #839	8-32N-34E	7-28-48	389 MCF Gas
Fidelity Gas Co	U.S. 087052 #874	22-32N-32E	8-2-48	582 MCF Gas
Fidelity Gas Co	U.S. 057813 #872	20-32N-32E	8-9-48	332 <sup>2</sup> / <sub>2</sub> MCF Gas
Fidelity Gas Co	U.S. 087856 #870	33-32N-32E	8-16-48	189 MCF Gas
Fidelity Gas Co	U.S. 087053 #873	27-32N-32E	8-23-48	622 MCF Gas
Fidelity Gas Co	U.S. 084398 #877	19-32N-33E	8-30-48	471 MCF Gas
Fidelity Gas Co	U.S. 084401 #876	35-32N-32E	9-13-48	381 MCF Gas
Fidelity Gas Co	State #871	34-32N-32E	9-20-48	211 MCF Gas
Fidelity Gas Co	U.S. 085030 #875	2-31N-32E	9-27-48	440 MCF Gas

BANDOLIN CANY.

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Fidelity Gas Co	U.S. 085029 #879	1-31A-32E	10-5-48	353 MCF Gas
Fidelity Gas Co	U.S. 084399 #878	21-32E-33E	10-14-48	327 MCF Gas
Fidelity Gas Co	U.S. 057809 #898	11-32E-33E	10-21-48	353 MCF Gas
Fidelity Gas Co	State #887	36-32E-33E	10-28-48	231 MCF Gas

BONES

Montana Gas Corp	Prism (FAS) #11	3-31A-19E	12-12-47	3,126 MCF Gas
Montana Gas Corp	Prism ( " ) #2	10-31A-19E	7-27-48	16,830 MCF Gas
Montana Gas Corp	Prism ( " ) #3	10-31A-19E	10-17-48	2,000 MCF Gas

BOY BLAKE  
(North)

Montana Gas Corporation	Stranahan (Fee) #4	14-32E-17E	6-25-48	Dry, P & A
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(South)

British American Oil Co	Fee #1	25-17E-24E	6-26-48	Dry, P & A
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CEDAR CREEK

Mont. Dak. Util. Co	U.S. 020637 #348	30-6E-61E	11-10-47	Dry, P & A
Mont. Dak. Util. Co	R.P.Ry. #358	21-5E-60E	11-26-47	260 MCF Gas

CEDAR CREEK CONT.

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Mont. Dak. Util. Co	N.P.Ry. #357	27-5N-60E	12-9-47	214 MCF Gas
Mont. Dak. Util. Co	Fee #342	26-5N-60E	12-11-47	315 MCF Gas

OLD EXHAUSTED GAS WELLS PLUGGED  
AND ABANDONED

Mont. Dak. Util. Co	N.P.Ry. #153	29-4N-62E	3-3-41	P & A - Old well
Mont. Dak. Util. Co	N.P.Ry. #194	25-5N-60E	2-23-44	P & A - Old well

CHERRY RIDGE

Hickerson et al	Thompson #1	2-34N-22E	12-4-47	Dry - Kudded to top
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CHINOOK AREA (N.)

Bronson, C. R.	Almas #1	33-34N-18E	9-13-48	Dry - P & A
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CLARK FORK

Seaboard Oil Co	U.S. 046221 #88-19	19-3S-23E	1-12-48	Dry, P & A
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CONRAD-MIDWAY

Stephens Pet. Co	Vermala #1	19-28N-1W	11-25-47	10 wbls.
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COTTONWOOD PROSPECT

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Texas Co	Verploegen #1	31 - 36N-14E	1-11-48	Dry, P & A

DEVIL'S BASIN

Lucky Six Oil Co	Seiffert #1	15-10N-25E	8-28-48	Dry - Saved as water well
Cloverleaf Pet. Co	K.P.Ry. #1	23-11N-24E	9-22-48	Testing

DAYTON

Linville & Smith	McCarter Bros. #1	33-32N-3E	6-8-48	Dry, P & A
Mont. Bak. Util. Co	Helwan #260	3-32N-2E	5-14-45	P & A - Old well

DRY CREEK

Ohio Oil Co	U.S. 027548 #19	4-7S-21E	12-27-47	45 bbls.
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ELK BASIN (NW)

Sinclair-Wyo. Oil Co	U.S. 038533 #1	29-9S-23E	11-24-47	66 bbls.
Sinclair-Wyo. Oil Co	U.S. 038541 1-7	28-9S-23E	1-26-48	328 bbls. 12 hrs.
Mule Creek Oil Co	U.S. 058589 #1-K	20-9S-23E	2-28-48	Dry, P & A
Sinclair-Wyo. Oil Co	U.S. 038541 #2	28-9S-23E	3-13-48	Dry, P & A
Stanolind O & O Co	U.S. 038685 #1	29-9S-23E	4-13-48	273 bbls.
Sinclair-Wyo. Oil Co	U.S. 038541 #3	28-9S-23E	4-20-48	576 bbls. Fl.

BLK BASIN CUNT.

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Stanolind Oil & G Co	U.S. 017175 "B" #13LN	35-9S-23E	5-23-48	58 BOPH
Sinclair Wyo. Oil Co	U.S. 038541 #2L	28-9S-23E	6-11-48	504 bbls.
Stanolind C & G Co	U.S. 038685 "B" #2	29-9S-25E	6-11-48	70 bbls.
Sinclair Wyo Oil Co	U.S. 038541 #4P	28-9S-23E	7-13-48	432 bbls.
Sinclair Wyo. Oil Co	U.S. 038541 #5P	28-9S-23E	9-12-48	192 bbls. fl.
Stanolind C & G Co	U.S. 017175 "A" #13NN	34-9S-23E	10-11-48	315 bbls.

SURENA LAKE

Seaboard Oil Co	Stonehouse #1	23-25N-6W	6-8-48	Dry, P & A
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FLAT CREEK

Cobb, A. B.	Millen #1	15-37N-5E	10-28-48	Old gas well deepened to Cambrian - P & A
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FLAT HOLLOW ANTICLINE

Hamilton, L. F.	King #1	3-15N-26E	4-21-48	D.S.I. - Dry
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GAGE

Northern Ordnance, Inc.	Norris #1	15-9N-26E	9-6-43	P & A - Old well
Northern Ordnance, Inc.	Norris "A" #1	15-9N-26E	8-18-44	P & A - Old well

<u>GYPSY</u>				
<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Merton, R. G.	N.W. Bank #1A	33-28N-6W	4-20-48	Testing
<u>HONARD COULLEN</u>				
Texas Co	E.P.Sy. "C" #1	13-11E-27E	10-8-48	Dry, P & A
<u>HEATH BLOCK</u>				
Texas Co **	Oiler #1	23-36N-6E	10-28-47	Untested
<u>LIBERTY - BILL</u>				
Union Oil Co	State #1	16-35N-7E	12-6-47	Dry, P & A
<u>MCCLEAREN COULLEN</u>				
Brenson, C. R.	Agoretta #2	33-34N-17E	12-20-47	Dry, P & A
Red Rock G & O Co	Agoretta #3	33-34N-17E	7-13-48	Est. 2000 MCF Gas
<u>HILSTONE</u>				
Amerada Pet. Corp	Hougan #1	23-10N-29E	10-1-48	576 bbls.
<u>MOSSER</u>				
Clark Drilling Co	Mosser #2	26-3S-24E	12-1-47	Dry, P & A
Amick Bros. (Hansco)	Kelly #2	26-3S-24E	12-28-47	95 bbls.

\*\* Shown as drilling in 1947 Fiscal Report.

MOSSER CONT.

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Manasco Oil Co	Kelly #3	26-35-24E	3-19-48	25 MCF Gas (Some oil now)
Anderson Drig. Co	Kole #1	35-25-24E	8-19-48	Dry, Saved as water well
Clark Drig. Co	Mosser #1	26-35-24E	10-29-47	P & A, Old <sup>oil</sup> well

NORTH INDIAN BUTTE

Pacific Western Corp	Todd #1	32-17N-14E	10-29-48	Dry, Saved as water well
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PENNSYLVANIA AREA

A. B. Cobb & Co	Rice #1	25-27N-5W	8-24-48	Dry, P & A
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PONDEROSA

A. B. Cobb & Co	Erickson #5	10-27N-4W	11-12-47	45 bbls.
Hawley, J. B.	Hirshberg #1	23-27N-4W	11-20-47	20 bbls.
A. B. Cobb & Co	Erickson #4	11-27N-4W	1-5-48	40 bbls.
Triway Oil Co	DuBois #3	21-27N-4W	1-21-48	25 bbls.
O'Beirn & Joulin	Martin #1	11-27N-4W	1-30-48	100 bbls.
Clark Drig. Co	Hirshberg #2	22-27N-4W	3-28-48	Dry, P & A
Quigley	DuBois #1	22-27N-4W	4-30-48	12 bbls.
Lawrence, J. W.	Morris #11	22-27N-4W	5-3-48	12 bbls.



PONDORA CONT.

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Prevel, E. R. & R.	Koenig #1	1-27N-4W	5-15-48	Dry, P & A.
Hawley	DuBois #1	22-27N-4W	6-3-48	30 bbls.
Clark Drilg. Co	Hirshberg #3	22-27N-4W	6-8-48	22 bbls.
Farmers Union	Mancoronel #1	25-28N-5W	8-13-48	Dry, P & A
Trivay Oil Co	Copley #10	11-27N-4W	8-27-48	120 bbls.
A. S. Cobb & Co	Copley B5-10 #6	10-27N-4W	9-29-48	154 bbls. 18 hrs.
Phillips Pet. Co	Gjullins "B" #3	10-27N-4W	10-13-48	Testing
Phillips Pet. Co	Copley "B" #7	10-27N-4W	10-24-48	19 BOPD
Hawley, Luella	Erickson #3	3-27N-4W	10-25-48	72 bbls.

POPCUPINE

Ohio Oil Co	N.P.Ky. #1	9-10N-39E	2-13-48	Dry, Saved as water well
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HAGGED POINT

Texas Co	Manion #1	5-11N-30E	12-31-47	127 bbls.
Texas Co	Cotter #1	8-11N-30E	3-28-48	217 bbls.
Texas Co	N.P.Ky. #1	1-11N-29E	4-18-48	Dry, P & A
Texas Co	Manion #2	5-11N-30E	5-29-48	Dry, P & A
Texas Co	Cotter #2	8-11N-30E	6-21-48	Dry, P & A

<u>HAGGED POINT CUMT.</u>					
<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>	
Pac. Western O. Corp	U. S. 041076 #1	4-11N-30E	8-5-48	Dry, P & A	
Texas Co	U. S. 039946 #1	2-11N-29E	8-17-48	Dry, P & A	
<u>RATTLESNAKE BUTTE</u>					
Taylor, Dks	Clansen #2	27-13N-28E	11-18-47	30 bbls.	
<u>ROCK CREEK BENCH</u>					
Rock Creek Bench C Co	Nesson #1	36-14N-16E	1-2-48	Dry, P & A	
Rock Creek Bench C Co	Nesson #2	36-14N-16E	7-17-48	Dry, P & A	
<u>SAYPE</u>					
Farmers Union	U.S. 085388 #1	12-24N-8E	11-21-47	Dry, P & A	
<u>SOAP CREEK</u>					
Inland Imp. Refg. Co	Tribal 2119-#52-34	34-6S-32E	8-19-48	102 bbls. 6 hrs.	
<u>SOUTH BOSQUE</u>					
Progressive Oil Co	Gruse #1	32-6S-18E	5-24-48	Dry, P & A	
<u>S. E. CUSTER AREA</u>					
Dunt, H. L.	Kendrick Cattle Co. #2	20-3N-35E	12-18-47	Dry, P & A	

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
<u>SPRING HILL</u>				
Stephens Pet. Co	Wagner-Halverson #1	34-27N-6W	8-3-48	Dry, P & A
<u>SUFFOLK AREA</u>				
Tressdell, et al	Cresser #1	6-20N-18E	8-4-48	Dry, P & A
<u>TIGER BUTTE</u>				
Montana Gas Corp	Hutoby #1	32-31N-20E	8-17-48	Dry, saved as water well
<u>TIGER RIDGE</u>				
Montana Gas Corp	Sprinkle "A" #1	24-31N-18E	9-19-48	Dry, P & A
<u>UTOPIA</u>				
Texas Co	P. Alverd #1	14-33E-4E	10-22-47	5 BOPD
Texas Co	Fenger #1	14-33E-4E	2-16-48	900 Fl. S.I.
Texas Co	Fenger #2	13-33E-4E	4-24-48	17,500 MCF Gas
<u>WARREN AREA</u>				
Chase, A. B. (A. B. Oil)	Brockway #1	19-8S-25E	8-16-48	Dry, saved as water well
<u>WAYNE CREEK</u>				
Nickerson & Nickerson	Miller #1	11-32N-24E	2-2-48	Dry, P & A

<u>WILLOW CREEK</u>				
<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>DATE COMPLETED</u>	<u>RESULTS</u>
Luhman et al	Dunbar #3	7-2N-1E	5-8-48	Dry, P & A
<u>WOLF CREEK</u>				
Hunt Oil Co	U.S. 039475 #1	20-8S-57E	8-1-48	Dry, P & A
Hunt Oil Co	U.S. 039475 #2	30-8S-57E	10-4-48	Dry, P & A
<u>WHITLASH</u>				
Western Nat. Gas Co	Iverson #4	9-37N-4E	1-20-48	25 bbls.
Western Nat. Gas Co	Shafer #3	14-37N-4E	8-11-48	50 bbls.

THESE WERE NO WELLS COMPLETED IN THE FOLLOWING  
FIELDS DURING FISCAL YEAR ENDING OCTOBER 31, 1948

Arnells	Haystack Butte
Bears Den	Ingomar
Berthelote	Kicking Horse
Border	Kremlin
Brady	Lake Basin
Francis	Marias River
Fred & George Creek	Prichard
Gage	Sherrard
Grandview	Six Shooter
Guinn Dome	West Pondera
Hardin	Winifred

STATUS OF UNCOMPLETED WELLS AT END OF  
FISCAL YEAR ON OCTOBER 31, 1948, NOT PREVIOUSLY LISTED

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>FIELD OR AREA</u>	<u>STATUS</u>
Phillips Pet. Co	N.P.Ry. #1	9-13N-34E	Alice Dome	Drig. 5685'
Shell Oil Co	Tribal 7904 #1	36-9S-37E	Ash Creek	Drig. 8020'
Texas Co	N.P.Ry. #1-D	31-5N-20E	Big Coulee	Drig. 4581'
Texas Co	Quinnell #1	24-10N-26E	Big Wall	Drig. 136'
Blue Dome Oil Co	Rukavina #1	10-6S-24E	Blue Water	Drig. 867'
Fidelity Gas Co	U.S. 084442 #884	5-31N-35E	Bowdoin	Stdg. 101'
Fidelity Gas Co	U.S. 084442 #882	7-31N-35E	Bowdoin	Stdg. 106'
Fidelity Gas Co	B. Johnson #886	35-32N-34E	Bowdoin	Stdg. 105'
Fidelity Gas Co	U.S. 084619 #885	4-31N-34E	Bowdoin	Stdg. 110'
Fidelity Gas Co	U.S. 085031 #881	6-31N-33E	Bowdoin	Drig. 5004'
Fidelity Gas Co	Hedges #880	28-32N-33E	Bowdoin	Stdg. 105'
Montana Gas Corp	Hayes #1	17-31N-19E	Bowen	Drig. 150'
Midwest Drig. Co	Schwitzmeyer #1	14-35N-16E	Cassady	D.S.T. 1950'
Hanlon, W.M.	Mitchell #3	21-15N-30E	Cat Creek	D.S.I. 104'
Montana Dak.Util.Co	N.P.Ry. #338	33-5N-61E	Cedar Creek	D.S.T. 1173'
Hunger, Fred	Harbolt #1	1-35N-20E	Cherry Ridge	D.S.T. 2375'
Harris et al	Winterwood #1	6-35N-21E	Cherry Ridge	D.S.I. 1985'

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>FIELD OR AREA</u>	<u>STATUS</u>
British Amer.Oil Prod. Co	U.S. 040218 #1	26-9S-22E	Clark Fork	Drig. 6153'
Tarrant, R.C.	Woods #1	32-28N-1W	Conrad-Midway	Stdg. Pb. 1900'
Hanlon, Wm. M.	U.S. 039813 #1	9-10N-22E	Devil's Pocket	Stdg. 795'
Henderson	Bratsberg #1	28-28N-1E	East Midway	D.S.I. 1465'
Pilot Prod. Co	McFarland #1	18-29N-3W	East Williams	Stdg. 2515'
Stanolind O & G Co	U.S. 038114 #4	34-9S-23E	Elk Basin	D.S.I. 6204'
Stanolind O & G Co	E.B.Madison Unit 139M	35-9S-23E	Elk Basin	Drig. 5361'
Sinclair Wyo.Oil Co	U.S. 038541 #6	28-9S-23E	Elk Basin	Drig. 3369'
A. B. Cobb & Co	Erickson #1	15-37N-5E	Flat Coulee	Stdg. Gas 1845'
Inland States O & G	Snyder-Griffith #1	7-9S-25E	N.Frannie(Warren)	D.S.T. 2240'
General Pet. Corp	K.P.Ry. #1	25-16N-38E	Freedom	Drig. 6404'
K. C. Morton	Swanson #1	22-28N-6W	Gypsy	D.S.I. 25'
Snyder, Marcus	Bussatti-Cerkins #6	23-1S-32E	Hardin	D.S.I. 100'
Laurel Oil Co	Thacker #1	7-2S-24E	Laurel Area	D.S.I. 90'
Utah Southern Oil Co	LaBuda #1	20-37N-13E	Little Sandy	Drig. 81'
Massey, C. W.	Lynde #1	16-6S-35E	Lodge Grass-Good Luck	Stdg. 1250'
Amerada Pet.Corp	Hougen #2	23-10N-29E	Helstone	Drig. 1107'
Richfield Oil Co	Wiese #1	20-2S-11E	Mission	Drig. 4074'

<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>FIELD OR AREA</u>	<u>STATUS</u>
Marcus Snyder	Kendrick Cattle Co. #1	34-1N-34E	Nine Mile	Stdg. 100'
Frary Associates	Zorn #1	12-33N-6E	Old Utopia	Drig. 3000'
Tarrant & Whitmore	Koenig #1	1-27N-4W	Ponders	D.S.T. 1895'
Quigley Drig. Co	Powers #1	2-27N-4W	Ponders	Drig. 1435'
Phillips Pet. Co	Erickson "D" #3	11-27N-4W	Ponders	Drig. 1905'
Texas Co	Marion #3	5-11N-30E	Ragged Point	Drig. 2475'
Bronson, C. R.	Bred #1	32-34N-18E	Reservoir Coulee	D.S.T. 660'
Posten, H. L.	Vendt #1	11-28N-21E	Roger Lee	D.S.I. 1475'
Harvie Hunt Trust	Leberg #1	26-30N-36E	S.E. Bowdoin (Grubbs)	Drig. 2720'
Rocks, L. W.	Horgan #1	7-9S-61E	Seven Mile	Drig. 1250'
Tarrant, R. C.	H.P.Hy. #1	1-6N-15E	Shammet Ant. (West Dome)	D.S.I. 1482'
Grant Oil Co	Cramer #1	10-3N-18E	Six Shooter	D.S.I. 850'
Grant Oil Co	Opland #1	10-3N-18E	Six Shooter	D.S.I. 640'
Grant Oil Co	Wicklens #2	10-3N-18E	Six Shooter	D.S.I. 1150'
Grant Oil Co	Linder #1	24-3N-18E	Six Shooter	D.S.T. 1300'
Grant Oil Co	Marsha #1	14-3N-18E	Six Shooter	D.S.I. 777'
Grant Oil Co	H.P.Hy. #1	15-3N-18E	Six Shooter	D.S.I. 2870'
Grant Oil Co.	H.P.Hy. #2B	11-3N-18E	Six Shooter	Stdg. 3864'



<u>COMPANY</u>	<u>LEASE</u>	<u>LOCATION</u>	<u>FIELD OR AREA</u>	<u>STATUS</u>
Grant Oil Co	Linder #1A	24-30-18E	Six Shooter	D.S.T. 250'
Consolidated Pet. Co	Tribal 2119 #1	27-6S-32E	Soap Creek	Stdg. 1804'
Dr. Crosby	Crosby #2	16-1S-31E	Toluca	D.S.I. 3545'
Texas Co	U.S. 084862 #1	15-33N-4E	Utopia	Drig. 2793' CWED
Burt Nelson Oil Dev. Co	Nelson #1	34-7N-38E	Vananda	D.S.I. 687'
Marena Oil Co	Fultz #1	8-25N-12E	Virgelle	Drig. 1740'
Western Nat. Gas Co	Shafer #5	11-37N-4E	Whitlash	Drig. 320'
Smith, Arnold	Anderson #11	11-21N-16E	Wolf Creek	D.S.T. 790'
Hunt Oil Co	U.S. 099477 #1	6-8S-57E	Wolf Creek	Drig. 1900'
Amick, R. H.	H.P.Ny. #1	29-8E-21E	Woman's Pocket	Stdg. 2105'
Amick, R. H.	H.P.Ny. #2	29-8N-21E	Woman's Pocket	Stdg. 379'
Amick, R. H.	H.P.Ny. #3	29-8N-21E	Woman's Pocket	Drig. 1550'
A. A. Oil Corp	Johnson #1	11-36N-3E	Hills Area	Drig. 2125'
Linville-Smith	Flage #1	4-31N-3E	Galata Area	D.S.I. 800'
Lyle-Hawks-Cox	Turner #1	23-35N-1E	Berthelote	Drig. 2060'

SUMMARY OF WELLS BY FIELDS FROM  
BEGINNING TO OCTOBER 31, 1948

<u>FIELD</u>	<u>GOVERNMENT &amp; INDIAN LANDS</u>			<u>STATE &amp; PRIVATE LANDS</u>		
	<u>FCM</u>	<u>FCM</u>	<u>FAA</u>	<u>FCM</u>	<u>FCM</u>	<u>FAA</u>
Apex	-	-	-	-	3	-
Armella	-	-	1	-	2	5
Bears Den	-	2	2	2	3	5
Bertelote	-	-	-	1	-	7
Big Wall	-	-	-	2	0	3
Border	-	-	-	12	-	27
Bowdoin	-	143	5	-	158	110
Bowes	-	-	-	-	16	5
Box Elder	-	-	-	-	8	11
Brady	-	-	-	4	-	6
Cat Creek	104	-	84	64	-	39
Cedar Creek	-	63	20	-	174	27
Conrad-Hidway	-	-	-	3	1	10
Cut Bank (Inc. Reagan)	393	4	55	753	138	218
Devils Basin	-	-	1	3	-	9
Devon	-	-	-	3	23	27
Dry Creek	3	1	4	5	6	1
Elk Basin	33	1	2	33	-	1
Flat Coulee	-	-	-	2	-	2
Francie	1	-	-	1	-	-
Fred & George Creek	-	-	-	-	1	-
Gage	-	-	-	6	-	12
Grandview	-	-	-	-	1	1
Guinn Dome	-	2	1	-	-	-

<u>FIELD</u>	<u>GOVERNMENT &amp; INDIAN LANDS</u>			<u>STATE &amp; PRIVATE LANDS</u>		
	<u>PCW</u>	<u>PCW</u>	<u>P&amp;A</u>	<u>PCW</u>	<u>PCW</u>	<u>P&amp;A</u>
Mardin	-	-	-	-	84	9
Havre	-	-	-	-	4	20
Haystack Butte	-	-	-	-	2	2
Ingomar	-	-	-	-	1	1
Kevin-Sunburst	190	19	284	1346	189	1294
Kicking Horse	-	-	-	-	4	1
Kremlin	-	-	-	-	1	6
Lake Basin	-	-	-	2	2	24
Marias River	-	-	-	-	4	7
Melstone	-	-	-	1	-	-
McClaren Coulee	-	-	-	-	2	1
Mosser	-	-	2	6	1	12
Penders	-	-	-	192	-	53
Pritchard	-	-	-	-	1	2
Ragged Point	-	-	2	2	-	6
Rattlesnake Butte	1	-	1	1	-	1
Sherrard	-	-	-	-	1	2
Six Shooter	-	-	-	-	1	3
Soap Creek	6	-	4	-	-	1
Utopia (Lothair)	1	-	-	3	3	4
West Penders	-	-	-	-	1	2
Whitlash	-	-	-	7	21	21
Winifred	-	-	1	-	1	2
Other Areas	-	-	64	-	-	482
<b>TOTAL</b>	<u>732</u>	<u>235</u>	<u>545</u>	<u>2454</u>	<u>857</u>	<u>2482</u>