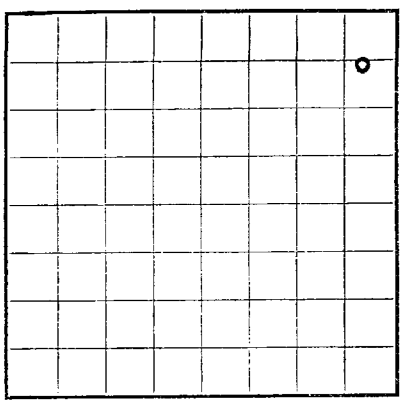
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. Land Office Las Cruces
Serial Number 060529
Lease or Permit to Prospect Beeson F



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company General American Oil Co. of Texas Address Box 416, Loco Hills, New Mexico

Lessor or Tract Beeson F Field Loco Hills (Premier Sand) State New Mexico

Well No. 11 Sec. 31 T. 17S R. 30E Meridian NMPM County Eddy

Location 1650 ft. N. of N Line and 330 ft. E. of E Line of Section 31 Elevation 3584' (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date May 10, 1952 Title

The summary on this page is for the condition of the well at above date.

Commenced drilling March 21, 1952 Finished drilling May 1, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1822 to 1836 No. 4, from 3074 to 3085
No. 2, from 2421 to 2426 No. 5, from to
No. 3, from 2830 to 2846 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 360 to 370 No. 3, from to
No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	24#	8rd	Youngstown	473'	Tex. Pattern				Salt String
7"	20#	8rd	National	2998'	Bull Plug Shoe & Float Collar				Production String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	482'	50	Pump & Plug	Heavy	To Surface
7"	3001'	100	" "	"	" "

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

STRATAFRAC RECORD

Size	Material used	Explosive used	Quantity	Date	Depth Treated	Depth cleaned out
	Dowell Jel	X-500	1500 Gal.	5-4-52	3061-3100'	

TOOLS USED

Rotary tools were used from 0 feet to 3100 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

May 10, 1952, 19 Put to producing May 7, 1952, 19

The production for the first 24 hours was 74 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, ~~Bé~~ API 36.0°

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

Oscar Burch, Driller G. C. Pratt, Driller
L. W. Ledbetter, Driller Clay Rook, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	60	60	Sand & Red Mud
60	110	50	Sand
110	150	40	Red Bed & Sand
150	240	90	Red Sandy Shale
240	305	65	Sand & Mud
305	360	55	Gyp
360	370	10	Sand
370	415	45	Red Bed
415	435	20	Gyp
435	450	15	Red Mud
450	470	20	Salt
470	475	5	SLM
475	482	7	Salt
482	488	6	Salt & Polyhalite
488	600	112	Salt
600	710	110	Salt, Potash & Polyhalite
710	1115	405	Salt
1115	1143	28	Anhy.
1143	1180	37	Broken Anhy.
1180	1405	225	Anhy.
1405	1455	50	Broken Anhy.
1455	1500	45	Anhy.
1500	1545	45	Anhy. & Shale

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1545	1580	35	Broken Anhy.
1580	1615	35	Anhy.
1615	1655	40	Broken Anhy.
1655	1750	95	Anhy.
1750	1767	17	Brown Lime
1767	1810	43	Anhy.
1810	1824	14	Gray Lime
1824	1930	106	Anhy.
1930	1960	30	Lime & Anhy.
1960	1995	35	Anhy.
1995	2025	30	Broken Anhy.
2025	2060	35	Anhy.
2060	2095	35	Anhy. & Red Rock
2095	2130	35	Broken Anhy.
2130	2215	85	Anhy.
2215	2231	16	SLM
2231	2240	9	Anhy.
2240	2275	35	Anhy. & Shale
2275	2315	40	Anhy.
2315	2340	25	Red Sandy Shale
2340	2357	17	Red Sand
2357	2485	128	Anhy.
2485	2495	10	Gray Lime
2495	2535	40	Anhy.
2535	2570	35	Broken Anhy.
2570	2590	20	Anhy. & Sandy Lime
2590	2625	35	Broken Anhy.
2625	2650	25	Anhy. & Sandy Red Rock
2650	2695	45	Anhy.
2695	2720	25	Lime & Sandy Red Rock
2720	2729	9	Gray Lime
2729	2732	3	SLM
2732	2745	13	Gray Lime
2745	2760	15	Gray and Tan Lime and Green Shale
2760	2772	12	Gray Lime
2772	2784	12	Gray Lime & Green Shale
2784	2805	21	Gray Lime
2805	2819	14	Gray Lime & Shale
2819	2826	7	Gray Lime
2826	2835	9	Sandy Lime
2835	2867	32	Gray Lime
2867	2875	8	Sandy Lime
2875	2962	87	Gray Lime
2962	2972	10	Sandy Lime
2972	3073	101	Gray Lime
3073	3075	2	SLM
3075	3087	12	Sand
3087	3091	4	Sand & Lime
3091	3105	14	Lime
3105	3100	-5	SLM

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Form 9-330

GENERAL AMERICAN
RECEIVED
MAR 6 1961
PROD. DEPT.

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. Land Office Las Cruces
Serial Number 028936-F
Lease or Permit to Prospect Beeson F

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Premier Petroleum Corp. Address Artesia, New Mexico
Lessor or Tract Beeson Field Loco Hills State New Mexico
Well No. 5-F Sec. 31 T. 17 R. 30 Meridian NMPM County Eddy
Location 2310 ft. {~~N.~~ S.} of N Line and 1650 ft. {E. ~~W.~~} of W Line of Section 31 Elevation (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date April 20, 1940 Title

The summary on this page is for the condition of the well at above date.

Commenced drilling March 10, 1940 Finished drilling April 19, 1940

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1810 to 1815-Gas &Show Oil No. 4, from to
No. 2, from 2308 to 2320-Gas &Show Oil No. 5, from to
No. 3, from 2831 to 2850-Oil No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 350 to 360-Water No. 3, from to
No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8¼"	24#	10	Nat'l.	618'8"	Regular				
7"OD	20#	10	Youngstown	2722'	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8¼"	618'6"	m 50	Halliburton	Heavy	Top to Bottom
7"OD	2722'	100	"	"	" " "

FOLD | MARK

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 2851 feet, and from feet to feet

DATES

, 19 Put to producing April 19, 1940

The production for the first 24 hours was 90 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller , Driller
, Driller P. A. Hancox, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Red sand and gyp
50	160	110	Red Bed
160	210	50	Red Beds and sand
210	360	150	Anhy. - Water at 350=60
360	455	95	Red Bed
455	1050	595	Salt Set 618' of 8¼" pipe
1050	1100	50	Salt and Anhy. shells
1100	1110	10	Salt
1110	1810	800	Anhy.
1810	1815	5	Anhy. - Show of oil and gas
1815	2000	185	Anhy.
2000	2030	30	Anhy. and shale
2030	2055	25	Anhy.
2055	2105	50	Anhy. and brown shale
2105	2180	75	Anhy.
2180	2210	30	Anhy. and brown shale
2210	2308	98	Anhy.
2308	2344	36	Red sand - Gas & oil show 2308-2320
2344	2565	221	Anhy.
2565	2585	20	Sand
2585	2600	15	Anhy.
2600	2625	25	Sand
2625	2643	18	Sandy Anhy.
2643	2675	32	Broken Lime
2675	2764	89	Gray Lime
2764	2771	7	Lime

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2771	2798	27	Gray Lime
2798	2808	10	Lime
2808	2819	11	Sandy gray lime
2819	2831	12	Sandy Lime
2831	2850	19	Oil Sand
2850	2851	1	Gray Lime

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Form 9-330

GENERAL AMERICAN
RECEIVED
MAR 6 1961
PROD. DEPT.

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. Land Office ....
Serial Number 028936-F
Lease or Permit to Prospect Beeson

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Premier Petroleum Corp. Address Artesia, New Mexico

Lessor or Tract Beeson Field Loco Hills State New Mexico

Well No. 4-F Sec. 31 T. 17 R. 30 Meridian NMPM County Eddy

Location 1650 ft. {N. ~~S.~~} of S Line and 2310 ft. {E. ~~W.~~} of W Line of Sec. 31 Elevation ....
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed ....

Date March 6, 1940 Title ....

The summary on this page is for the condition of the well at above date.

Commenced drilling January 18, 1940 Finished drilling February 28, 1940

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2812 to 2831 No. 4, from .... to ....

No. 2, from .... to .... No. 5, from .... to ....

No. 3, from .... to .... No. 6, from .... to ....

IMPORTANT WATER SANDS

No. 1, from 360 to 385 No. 3, from .... to ....

No. 2, from .... to .... No. 4, from .... to ....

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8½"	24#	8	Nat'l.	653'	Reg.				
7"	20#	10	Beth.	2718'	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8½"	653'	50	Halliburton	Heavy	Top to bottom
7"	2718'	100	"	"	" " "

PLUGS AND ADAPTERS

Heaving plug—Material .... Length .... Depth set ....

Adapters—Material .... Size ....

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	4"	Nitro Glycerin	100 qts.	2-29-40	2812-31	Cleaned to bottom

TOOLS USED

Rotary tools were used from .... feet to .... feet, and from .... feet to .... feet

Cable tools were used from Top feet to 2831 feet, and from .... feet to .... feet

DATES

.........., 19.... Put to producing March 1, 1940

The production for the first 24 hours was 100 barrels of fluid of which 100 % was oil; ....% emulsion; ....% water; and ....% sediment. Gravity, °Bé. 38 plus

If gas well, cu. ft. per 24 hours .... Gallons gasoline per 1,000 cu. ft. of gas ....

Rock pressure, lbs. per sq. in. ....

EMPLOYEES

W. H. Berry, Driller Harold Hancox, Driller

.........., Driller C. C. Conner, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	59	Sand and red bed
50	100	50	Sand, gyp and red bed
100	200	100	Red bed
200	255	55	Red bed and gyp
255	310	55	Gyp
310	415	105	Red bed and gyp
415	475	60	Red bed
475	1120	645	SALT
1120	1235	115	Anhy.
1235	1285	50	Anhy.
1285	1310	25	Anhy. and shale
1310	1340	30	Anhy. and brown shale
1340	1400	60	Anhy.
1400	1435	35	Anhy. and brown shale
1435	2025	590	Anhy.
2025	2050	25	Anhy. and brown shale
2050	2100	50	Anhy.
2100	2125	25	Anhy. and brwwn shale
2125	2304	179	Anhy.
2304	2340	36	RED SAND
2340	2480	140	Anhy.
2480	2500	20	Anhy. and red sand
2500	2550	50	Anhy.
2550	2565	15	Sand
2565	2585	20	Anhy.

FOLD | MARK

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2585	2615	30	Red sand
2615	2635	20	Anhy.
2635	2675	40	Gray lime
2675	2690	15	Sand
2690	2788	98	Gray lime
2788	2812	24	Sandy lime
2812	2831	19	SAND - OIL T.D.

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

OLD WELL DRILLED DEEPER

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. Land Office Las Cruces
Serial Number 060529
Lease or Permit to Prospect Beeson F

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company General American Oil Co. of Texas Address Box 416, Loco Hills, New Mex.

Lessor or Tract Beeson F Field Loco Hills State New Mexico

Well No. 5 Sec. 31 T. 17S R. 30E Meridian NMPM County Eddy

Location 2310 ft. {N./S.} of N Line and 1650 ft. {E./W.} of E Line of Section 31 Elevation 3568' (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date May 21, 1951 Title

The summary on this page is for the condition of the well at above date.

Re Commenced drilling 5-1, 1951 Finished drilling 5-13, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3035 to 3043 (G) No. 4, from to
No. 2, from 3058 to 3068 No. 5, from to
No. 3, from 3079 to 3090 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to
No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
5-½"	14#	8rd	Used	240'	Texas Pattern				Production Liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5-½"	2656-2896'	45	Pump & Fluid Displacement	None	

FOLD | MARK

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		Solidified Nitro Glycerin	200 qts.	5-14-51	3054-3098'	3101'

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 2851 feet to 3101 feet, and from feet to feet

DATES

May 21, 1951 Put to producing May 19, 1951

The production for the first 24 hours was 43 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, ~~°Bé.~~ API 36°

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

Oscar Burch, Driller V. A. Richardson, Driller
L. W. Ledbetter, Driller Albert Williams, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2851	2894	43	Gray Lime
2894	2897	3	SLM
2897	3004	107	Gray Lime
3004	3022	18	Pink Lime
3022	3047	25	Gray Lime
3047	3064	17	Sand & Lime
3064	3075	11	Lime
3075	3088	13	Sand & Lime
3088	3092	4	SLM
3092	3101	9	Lime

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. Land Office Las Cruces
Serial Number 028936-F
Lease or Permit to Prospect Beeson

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Premier Petroleum Corp. Address Artesia, New Mexico
Lessor or Tract Beeson Field Loco Hills State New Mexico
Well No. 2-F Sec. 31 T17 R.30 Meridian NMPM County Eddy
Location 330 ft. {N. / ~~S.~~} of S Line and 330 ft. {~~E.~~ / W.} of W Line of Sec. 31 Elevation (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date August 19, 1939 Title

The summary on this page is for the condition of the well at above date.

Commenced drilling June 28, 1939 Finished drilling August 6, 1939

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1880 to 1890 No. 4, from to
No. 2, from 2770 to 2792 No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 360 to 365 No. 3, from to
No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8¼"	24#	8	Chester	505'4"	Float				
7" OD	20#	8	"	2646'3"	Regular				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8¼"	505'4"	50	Halliburton	Heavy	Top to bottom.
7" OD	2646'3"	100	"	"	" " "

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		Nitroglycerin	100 qts.	8-11	2770-92	2792

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 2792 feet, and from feet to feet

DATES

, 19 Put to producing August 6, 1939

The production for the first 24 hours was 150 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Red Sand
30	70	40	Red Bed
70	130	60	Red sand and red beds
130	190	60	Red sandy shaled
190	280	90	Red beds
280	350	70	Gyp
350	400	50	Gyp and red beds - Water at 360.
400	425	25	Red beds
425	450	25	Gyp
450	485	35	Red beds
485	1095	610	Salt - Set 505'4" of 8¼" casing.
1095	1300	205	Anhydrite
1300	1330	30	Red Sand
1330	1470	140	Anhy.
1470	1505	35	Anhy. and brown shale
1505	1610	105	Anhy. and shale
1610	1740	130	Anhy.
1740	1770	30	Anhy. and brown lime
1770	1970	200	Anhy. Oil show at 1880 to 1890
1970	1995	25	Anhy, and brown shale
1995	2025	30	Anhy.
2025	2055	35	Anhy, and red shale
2055	2260	205	Anhy.
2260	2295	35	Red sand
2295	2435	40	Anhy.

[OVER]

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2435	2455	20	Sand
2455	2535	80	Anhy.
2535	2570	20	Red sand
2570	2605	35	Lime gray
2605	2615	10	Lime
2615	2645	30	Red sand
2645	2719	74	Grey lime - Set 2646'3" of 7" OD
2719	2729	10	Grey sandy Lime
2729	2737	8	Grey lime
2737	2745	8	Lime
2745	2753	8	Grey Lime
2753	2770	17	Lime
2770	2792	22	Oil sand

16—43004-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

COMPLETION DATA -OLD WELL DRILLED DEEPER

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 060529
LEASE OR PERMIT TO PROSPECT Beeson F

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company General American Oil Co. of Texas Address Box 416, Loco Hills, New Mexico

Lessor or Tract Beeson F Field Loco Hills State New Mexico

Well No. 4 Sec. 31 T. 17S R. 30E Meridian NMPM County Eddy

Location 1650 ft. {N./S.} of S Line and 2310 ft. {E./W.} of W Line of Section 31 Elevation 3566' (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date October 8, 1951 Title

The summary on this page is for the condition of the well at above date.

Commenced drilling 8-29-51, 19 Finished drilling 9-20-51, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3057 to 3069
No. 2, from to
No. 3, from to
No. 4, from to
No. 5, from to
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to
No. 2, from to
No. 3, from to
No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
5½"	14#	8rd	Used	242'	Float				Prod. Liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5½"	2663' to 2905'	85	Pump & Fluid Displacement		None

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		Solidified Nitroglycerin	220 qts.	9-16-51	3034-3083'	3065'

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet

Cable tools were used from 2831 feet to 3083 feet, and from feet to feet

DATES

October 8, 1951, 19 Put to producing September 20, 1951, 19

The production for the first 24 hours was 19 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, ~~°Bé.~~ API 36.0°

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

V. Richardson, Driller
Clay Rook, Driller
L. W. Ledbetter, Driller
, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2831	2844	13	Sandy Lime
2844	2845	1	Lime
2845	2849	4	Gray Lime
2849	2853	4	Lime
2853	2910	57	Gray Lime
2910	2907	-3	SLM
2907	2978	71	Gray Lime
2978	2994	16	Pink Lime
2994	2998	4	Gray Lime
2998	3011	13	Pink & Gray Lime
3011	3023	12	Gray Sandy Lime
3023	3048	25	Gray Lime
3048	3059	11	Sandy Lime
3059	3062	3	SLM
3062	3070	8	Sand
3070	3083	13	White Lime

FOLD | MARK

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
App EXHIBIT NO. 1
CASE NO. 2238, 2239, 2249

PROPOSED PLAN OF WATERFLOOD OPERATIONS

AND

SUMMARY OF PRODUCTION DATA

FOR

NORTHEASTERN PORTION OF LOCO HILLS POOL

EDDY COUNTY, NEW MEXICO

SUBMITTED BY: General American Oil Co. of Texas
Ambassador Oil Corporation
Fair Oil Company

February 23, 1961

PROPOSED PLAN OF WATERFLOOD OPERATIONS
AND
SUMMARY OF PRODUCTION DATA FOR
NORTHEASTERN PORTION OF LOCO HILLS POOL
EDDY COUNTY, NEW MEXICO

General American Oil Co. of Texas, Ambassador Oil Corporation, and Fair Oil Company, as separate operators, propose to install and operate a waterflood on their respective leases in the northeastern portion of the Loco Hills Pool, Eddy County, New Mexico, for the purpose of waterflooding the Loco Hills Sand of the Grayburg Series. The leases to be flooded are as listed below and as shown on the plat attached to this report.

OPERATOR	LEASE	SEC., TWP., RGE., AND SUBDIVISION
General American	State B-1778	36-29E, 17S, SE/4 SE/4
	Beeson "F", LC060529	31-30E, 17S, NE/4 and SW/4
Ambassador	Federal Lease, LC028936 (d)	31-30E, 17S, NW/4 and W/2 SE/4
	(Federal "L")	31-30E-17S, NW/4
	(Federal "M")	31-30E-17S, W/2 of SE/4
	(For convenience of record keeping, the NW/4 is designated by Ambassador as its Federal "L" and the W/2 SE/4 as its Federal "M")	
Fair	State "A" #1 & #3	36-29E-17S, S/2 NE/4, N/2 of SE/4

Each of the above listed operators will conduct its own individual and separate flood; however, the operators are cooperating along the lease lines in the conversion of present producing wells to input wells and the drilling of new input wells in a manner to establish a flood pattern that will adequately protect the correlative rights for all operators and royalty owners. Newmont Oil Corporation, which is presently operating a waterflood that offsets these proposed floods to the south, is also cooperating along common lease lines with these other operators in the conversion of line producing wells to input wells to develop a flood pattern that adequately protects the correlative rights of all the varied interests concerned.

Data relative to the proposed floods are set out below.

I. Plan of Operation

A. Zone to be Flooded - The Loco Hills Sand, which occurs in this area at an average depth of 2,800 feet below the surface. A number of the wells in this flood area have been deepened and recompleted in the Premier Sand by setting and cementing casing liners through the Loco Hills Sand and above the Premier Sand. The Loco Hills Sand will be isolated from the Premier Sand in the input wells by an acceptable method of plugging back the well above the Premier Sand interval and below the Loco Hills Sand interval so that the injection of water will be restricted to the Loco Hills Sand.

B. Flood Plan - Attached is a plat of the proposed flood area on which the flood pattern for each operator and each lease is delineated.

C. Input Wells

1. Wells currently producing which each operator proposed to convert to water input service are as follows:

(a) General American Oil Co. of Texas

<u>Beeson "F" #2</u>, 330 feet from South line and 330 feet from West line of Section 31, Twp. 17 South, Rge. 30 East, N.M.P.M.

<u>Beeson "F" #4</u>, 1,650 feet from South line and 2,310 feet from West line of Section 31, Twp. 17 South, Rge. 30 East, N.M.P.M.

<u>Beeson "F" #5</u>, 2,310 feet from North line and 1,650 feet from East line of Section 31, Twp. 17 South, Rge. 30 East, N.M.P.M.

<u>Beeson "F" #11</u>, 1,650 feet from North line and 330 feet from East line of Section 31, Twp. 17 South, Rge. 30 East, N.M.P.M.

(b) Ambassador Oil Corporation

<u>Federal Lease</u> (Federal "M" #1), 2,310 feet from East line and 330 feet from South line of Section 31, Twp. 17 South, Rge. 30 East, N.M.P.M.

<u>Federal Lease</u> (Federal "L" #1), 2,310 feet from West line and 2,310 feet from North line of Section 31, Twp. 17 South, Rge. 30 East, N.M.P.M.

(c) Newmont Oil Corporation

<u>State "A"-1778 #1</u>, 1,650 feet from East line and 330 feet from South line of Section 36, Twp. 17 South, Rge. 29 East, N.M.P.M.

<u>Yates "A" #2</u> (input well at present), 1,570 feet from West line and 330 feet from North line of Section 6, Twp. 18 South, Rge. 30 East, N.M.P.M.

<u>Brigham "A" #1</u>, 990 feet from East line and 330 feet from South line of Section 31, Twp. 17 South, Rge. 30 East, N.M.P.M.

<u>Brigham "A" #2</u>, 990 feet from East line and 2,310 feet from South line of Section 31, Twp. 17 South, Rge. 30 East, N.M.P.M.

Scheurich #1, 2,310 feet from North line and
330 feet from East line of Section 32,
Twp. 17 South, Rge. 30 East, N.M.P.M.

2. Input Wells to be Drilled

1320
25
1295 FSL

(a) General American Oil Co. of Texas

State "A"-1778 #2, 25 feet from North lease line
990 feet from East line of Section 36,
Twp. 17 South, Rge. 29 East, N.M.P.M.

Beeson "F" #16, 1,300 feet from West line and
2,310 feet from South line of Section 31,
Twp. 17 South, Rge. 30 East, N.M.P.M.

Beeson "F" #17, 25 feet from West line,
25 feet from North line of SE/4 of Section 31
and 2,615 feet from South line, 25 feet from
West line of Section 31, Twp. 17 South,
Rge. 30 East, N.M.P.M.

(b) Ambassador Oil Corporation

Federal Lease (Federal "L" #5), 1,650 feet from
North line and 2,665 feet from East line of
Section 31, Twp. 17 South, Rge. 30 East, N.M.P.M.;
also, 25 feet from East line of NW/4 of Section 31. ✓ unorthodox

Ambassador will exercise one of the following
options to provide for one input well.

(Option #1) Federal Lease (Federal "M" #6, new
well to drill), 1,650 feet from South line and
1,650 feet from East line of Section 31,
Twp. 17 South, Rge. 30 East, N.M.P.M. ✓

(Option #2) Federal Lease (Federal "M" #3,
convert present producing well), 990 feet from
South line and 1,650 feet from East line of
Section 31, Twp. 17 South, Rge. 30 East, N.M.P.M.

(c) ~~Newmont Oil Corporation~~

~~State "A" #2, (Tentative Location: 25 feet out of~~
~~NW Corner of SW/4 of SE/4 of Section 36,~~
~~Twp. 17 South, Rge. 29 East.~~ ✓

D. Take Points (Locations of wells shown on attached plat)

1. Present Producing Wells

(a) General American Oil Co. of Texas

State "B"-1778 #1 and #3

Beeson "F" #1, #3, #6, #7, and #12

(b) Ambassador Oil Corporation

Federal Lease (Federal "L" #2, #3, and #4)

Federal Lease (Federal "M" #2, #5, #4, and possibly #3, depending on option exercised in I. 2. (b)

(c) Fair Oil Company

State "A"-2023 #1 and #3

2. Take Points to be Drilled (Location indicated on attached plat)

(a) General American Oil Co. of Texas

Beeson "F" #13, 2,970 feet from East line and 2,310 feet from South line of Section 31, Twp. 17 South, Rge. 30 East, N.M.P.M.

Beeson "F" #14, 2,310 feet from East line and 2,310 feet from the North line of Section 31, Twp. 17 South, Rge. 30 East, N.M.P.M.

Beeson "F" #15, 1,480 feet from the East line and 1,660 feet from the North line of Section 31, Twp. 17 South, Rge. 30 East.

unorthodox producer

(b) Ambassador Oil Corporation

(Option #3) Federal Lease (Federal "M" #7), 1,650 feet from East line and 330 feet from South line of Section 31, Twp. 17 South, Rge. 30 East, N.M.P.M. (This well will be drilled only if Option #2 in Paragraph I. 2. (b) on preceding page is exercised.)

E. Source of Input Water - General American, as operator of its flood, has developed an adequate water supply to meet the water requirements to flood its properties by recompleting the old Gulf-Grayburg Unit No. 1 Well, located 660 feet from the South line and 560 feet from the West line of Section 24, Twp. 17 South, Rge. 29 East, N.M.P.M. A Pennsylvanian limestone aquifer was perforated and acidized from 9,265 feet to 9,299 feet. Recent drawdown tests on this well indicate that this well will produce approximately 4,000 barrels of water per day.

Ambassador will purchase water from one of the water pipe line companies supplying water to this area for waterflood purposes. Fair Oil Company does not have any input wells located on its lease; therefore, the offset operators who operate the line input wells that are effective to its lease will supply the water for these line input wells.

F. Input Rates - In order to effect a fillup of the flood area within a reasonable length of time, we feel that an injection rate of one barrel of water per day per acre foot of net oil sand should be obtained. The performance of Newmont Oil Corporation's flood to the south indicates that this proposed injection rate can easily be obtained. The water supplies available should be adequate to effect these rates.

II. Summary of Production Data

A. Current Well Status, December 31, 1960 (for Loco Hills Sand)

	Oil Wells			
Operator Lease	Pumping	Gas Lift	Temporarily Abandoned	Total Wells (Produced from Loco Hills Sand)
General American				
State "A" -1778		2		2
Beeson "F"	4		5*	9
Subtotal	4	2	5*	11
Ambassador				
Federal Lease				
(Federal "L")			4*	4
(Federal "M")	3		2*	5
Subtotal	3		6	9
Fair				
State "A" #1 & #3	2			2

*These wells were deepened to the Premier Sand, liners were set above the Premier and cemented to shut off the Loco Hills Sand production. These wells will be plugged back and perforated opposite the Loco Hills Sand to open them for either producing wells or input wells. Currently these wells are in the stripper stage, producing approximately 1 to 2 barrels of oil per day from the Premier Sand.

B. Current Production, Month of December, 1960 (Loco Hills Sand only)

				Oil Production-Gross Bbls.			
					Average Per Day		
Operator Lease	No. Active Wells	No. Productive Feet	No. Prod. Acres	For Month	Total	Per Well	Per Acre-Foot
General American							
State "A"-1778	2	637.16	40	60	1.9	.95	.0029
Beeson "F"	4	3,605.58	255	538	17.4	4.35	.0048
Subtotal	6	4,242.74	295	598	19.3	3.22	.0045
Ambassador							
Federal Lease							
(Federal "L")		207.35	40				
(Federal "M")	3	1,508.97	79	397	12.8	4.26	.0028
Subtotal	3	1,716.32	119	397	12.8	4.26	.0023
Fair							
State "A" #1 & #3	2	749.18	76	62	2.0	1.00	.0027

C. Cumulative Production to December 31, 1960 (Primary Depletion)

Operator Lease	S-T-R Subdivision	Prod. Acres	Prod. Acre-Feet	No. Wells	Total	Per Acre-Foot	Per Well
General American							
State "A"-1778	36-29E-17S SE/4 SE/4	40	637.16	2	128,437	201.57	64,218
Beeson "F"	31-30E-17S NE/4 SW/4	255	3,605.58	9	628,347	174.27	69,816
Subtotal		295	4,242.74	11	756,784	178.37	68,799
Ambassador							
Federal Lease							
(Federal "L")	31-30E-17S NW/4	40	207.35	1	74,375	358.69	74,375
(Federal "M")	31-30E-17S W/2 SE/4	79	1,508.97	5	364,834	241.77	72,967
Subtotal		119	1,716.32	6	439,219	255.90	73,203
Fair							
State "A" #1 & #3	36-29E-17S S/2 NE/4, N/2 SE/4	90	749.18	2	180,186	240.51	90,093

D. Ultimate Primary Recoveries - All of the leases in the proposed flood areas are at present producing at their economic limit from the Loco Hills Sand; therefore, the ultimate primary recovery for each subject lease is equal to the cumulative recoveries as of December 31, 1960, as shown in II. C.

E. Waterflood Recoveries - It is estimated that the waterflood recoveries will be equal to the ultimate primary recovery for each tract.

F. Core Analysis - The only core available in the proposed flood area is one taken by cable tools on General American's State "A"-1778 Well No. 1. This well was cored from 2,755 feet to 2,765 feet with oil sand being present from 2,755 feet to 2,764 feet. The core analysis of this interval indicated the oil sand to have an average porosity of 21.4%, average oil saturation of 48.0%, and an average water saturation of 30.11%. The permeability values indicated by this analysis are not useable because the cable tool coring split the core samples, thereby creating artificial fractures that result in an erroneous measured value for permeabilities.

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 4
CASE NO.

GENERAL AMERICAN OIL CO. OF TEXAS
LOCO HILLS FIELD PRODUCTION
EDDY COUNTY, NEW MEXICO

	BEESON "F" LEASE LOCO HILLS SAND	STATE LEASE "B"-1778 LOCO HILLS SAND
1939	25,310	7,366
1940	100,348	19,287
1941	121,984	16,860
1942	73,159	11,639
1943	66,376	10,228
1944	57,701	8,465
1945	40,168	8,031
1946	31,769	5,182
1947	29,106	4,600
1948	23,388	8,749
Cum. 1-1-49	569,309	100,407
1949		
January	1,639	518
February	1,427	403
March	1,745	468
April	1,610	375
May	1,532	465
June	1,384	413
July	1,331	374
August	1,409	348
September	1,265	269
October	1,297	272
November	1,422	387
December	1,319	369
Total	17,380	4,661
Cum. 1-1-50	586,689	105,068
1950		
January	1,246	334
February	1,030	278
March	1,152	269
April	1,059	281
May	963	251
June	983	277
July	1,085	255
August	1,026	233
September	843	183
October	1,023	257
November	1,032	205
December	900	154
Total	12,342	2,977
Cum. 1-1-51	599,031	108,045
1951		
January	1,070	213
February	1,028	244
March	1,019	254
April	911	240
May	780	167
June	679	178
July	590	164
August	512	194
September	434	138
October	243	186
November	240	190
December	247	164
Total	7,753	2,332
Cum. 1-1-52	606,784	110,377

GENERAL AMERICAN OIL CO. OF TEXAS
LOCO HILLS FIELD PRODUCTION
EDDY COUNTY, NEW MEXICO

	BEESON "F" LEASE LOCO HILLS SAND	STATE LEASE "B"-1778 LOCO HILLS SAND
1952		
January	250	205
February	227	187
March	262	192
April	259	196
May	253	252
June	251	250
July	265	277
August	280	264
September	262	262
October	272	264
November	254	270
December	263	273
Total	3,098	2,892
Cum. 1-1-53	609,882	113,269
1953		
January	287	284
February	236	269
March	247	283
April	243	276
May	244	280
June	230	268
July	231	260
August	257	273
September	259	257
October	274	251
November	265	245
December	279	248
Total	3,052	3,194
Cum. 1-1-54	612,934	116,463
1954		
January	281	230
February	186	200
March	237	201
April	200	160
May	225	175
June	208	170
July	207	160
August	197	190
September	197	210
October	211	199
November	207	167
December	203	210
Total	2,559	2,272
Cum. 1-1-55	615,493	118,735

GENERAL AMERICAN OIL CO. OF TEXAS
LOCO HILLS FIELD PRODUCTION
EDDY COUNTY, NEW MEXICO

	BEESON "F" LEASE LOCO HILLS SAND	STATE LEASE "B"-1778 LOCO HILLS SAND
1955		
January	205	227
February	189	197
March	203	188
April	199	177
May	184	177
June	182	173
July	182	165
August	167	168
September	282	77
October	297	130
November	289	295
December	284	246
Total	2,663	2,220
Cum. 1-1-56	618,156	120,955
1956		
January	280	276
February	228	184
March	283	196
April	246	195
May	234	200
June	193	192
July	183	107
August	203	92
September	220	141
October	214	132
November	222	195
December	221	211
Total	2,727	2,121
Cum. 1-1-57	620,883	123,076
1957		
January	224	144
February	214	176
March	226	181
April	202	173
May	197	223
June	178	177
July	151	212
August	145	201
September	142	192
October	147	198
November	142	178
December	147	177
Total	2,115	2,232
Cum. 1-1-58	622,998	125,308

GENERAL AMERICAN OIL CO. OF TEXAS
LOCO HILLS FIELD PRODUCTION
EDDY COUNTY, NEW MEXICO

	BEESON "F" LEASE LOCO HILLS SAND	STATE LEASE "B"-1778 LOCO HILLS SAND
1958		
January	156	158
February	118	138
March	119	158
April	101	86
May	114	97
June	87	105
July	102	101
August	90	117
September	76	97
October	94	87
November	100	91
December	108	103
Total	1,265	1,338
Cum. 1-1-59	624,263	126,646
1959		
January	123	110
February	102	120
March	121	131
April	126	95
May	151	68
June	181	67
July	163	73
August	131	74
September	118	74
October	129	81
November	121	90
December	135	85
Total	1,601	1,068
Cum. 1-1-60	625,864	127,714
1960		
January	132	72
February	122	78
March	136	85
April	128	57
May	167	52
June	160	48
July	161	44
August	165	54
September	153	62
October	213	65
November	408	54
December	538	60
Total	2,483	731
Cum. 12-31-60	628,347	128,445

KN:RC:gk

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
Appl EXHIBIT NO. 5
CASE NO.

AMBASSADOR OIL CORPORATION
LOCO HILLS FIELD PRODUCTION
EDDY COUNTY, NEW MEXICO

	FEDERAL "M" LEASE LOCO HILLS SAND	FEDERAL "L" LEASE LOCO HILLS SAND
1941	86,733	28,995
1942	25,479	10,574
1943	21,990	9,437
1944	16,363	6,039
1945	22,246	5,229
1946	14,634	3,882
1947	19,166	4,275
1948	20,773	3,157
1949	17,819	1,447
1950	14,850	1,218
Cum. 1-1-51	260,053	74,253
1951		
January	1,098	57
February	1,129	59
March	1,200	6
April	990	Recompleted in Premier 3-27-51
May	1,127	74,375 Cum. 3-27-51
June	992	
July	983	
August	868	
September	1,130	
October	2,059	
November	1,935	
December	2,128	
Total	15,639	
Cum. 1-1-52	275,692	
1952		
January	1,939	
February	1,757	
March	1,975	
April	1,761	
May	1,705	
June	1,705	
July	1,783	
August	1,567	
September	1,457	
October	1,329	
November	1,340	
December	1,270	
Total	19,588	
Cum. 1-1-53	295,280	
1953		
January	1,150	
February	1,005	
March	1,083	
April	1,024	
May	978	
June	920	
July	927	
August	916	
September	837	
October	847	
November	779	
December	788	
Total	11,254	
Cum. 1-1-54	306,534	

AMBASSADOR OIL CORPORATION
LOCO HILLS FIELD PRODUCTION
EDDY COUNTY, NEW MEXICO

FEDERAL "M" LEASE
LOCO HILLS SAND

1954

January	717
February	712
March	952
April	848
May	878
June	713
July	862
August	876
September	733
October	631
November	751
December	631
Total	9,304
Cum. 1-1-55	315,838

1955

January	609
February	530
March	525
April	502
May	556
June	389
July	259
August	1,123
September	1,187
October	1,028
November	911
December	929
Total	8,548
Cum. 1-1-56	324,386

1956

January	938
February	756
March	1,143
April	958
May	1,041
June	923
July	777
August	735
September	874
October	894
November	934
December	741
Total	10,714
Cum. 1-1-57	335,100

FEDERAL "M" LEASE
LOCO HILLS SAND

1957

January	585
February	569
March	606
April	500
May	679
June	659
July	557
August	529
September	566
October	490
November	955
December	1,034
Total	7,729
Cum. 1-1-58	342,829

1958

January	1,077
February	771
March	965
April	805
May	725
June	734
July	906
August	765
September	708
October	720
November	758
December	659
Total	9,593
Cum. 1-1-59	352,422

1959

January	674
February	623
March	640
April	593
May	572
June	532
July	602
August	606
September	619
October	562
November	475
December	356
Total	6,857
Cum. 1-1-60	359,279

AMBASSADOR OIL CORPORATION
LOCO HILLS FIELD PRODUCTION
EDDY COUNTY, NEW MEXICO

FEDERAL "M" LEASE
LOCO HILLS SAND

1960

January	796
February	692
March	590
April	482
May	548
June	447
July	321
August	310
September	311
October	307
November	354
December	397
Total	5,555
Cum. 12-31-60	364,834

KN:gk

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

223

COPY

May 11, 1961

Mr. Jack Campbell
Campbell & Russell
P. O. Drawer 640
Roswell, New Mexico

Dear Sir:

Enclosed herewith is Commission Order No. R-1970, entered in Case No. 2238, approving the General American Loco Hills Water Flood Project.

You will note that a portion of the flood is in a buffer zone, wherein capacity allowables will be permitted. The remaining acreage in the flood is to be operated in accordance with Rule 701 and the rules prescribed in the subject order.

According to our calculations, when all of the authorized injection wells have been placed on active injection, the maximum allowable which the project area outside the buffer zone will be eligible to receive is 182 barrels per day.

Please report any error in this calculated maximum allowable immediately, both to the Santa Fe office of the Commission and the appropriate district proration office.

In order that the allowable assigned to the project may be kept current, and in order that the operator may fully benefit from the allowable provisions of Rule 701, it behooves him to promptly notify both of the aforementioned Commission offices by letter of any change in the status of wells in the project area, i.e., when active injection commences, when additional injection or producing wells are drilled, when additional wells are acquired through purchase or unitization, when wells have received a response to water injection, etc.

Your cooperation in keeping the Commission so informed as to the status of the project and the wells therein will be appreciated.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Enclosures

cc: J. E. Kapteina
Occ - Santa Fe

M. L. Armstrong
OCC - Artesia

Oil Conservation Commission
Hobbs, N.M.

BEFORE THE OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF)
FAIR OIL COMPANY FOR PERMISSION TO)
INSTITUTE A WATERFLOOD PROJECT IN THE)
LOCO HOLLS POOL, EDDY COUNTY, NEW)
MEXICO, AND FOR SPECIAL ALLOWABLES.) No. 2246
APPLICANT SEEKS PERMISSION TO PRO-)
DUCE WELLS IN SECTION 36, TOWNSHIP)
17 SOUTH, RANGE 29 EAST, AS PART OF)
A WATERFLOOD PROJECT.)

APPLICATION

COMES NOW Fair Oil Company, by its Attorneys, Campbell & Russell, and for its application states:

1. It is the owner and operator of certain oil producing properties situated in the S½NE¼ and N½SE¼ of Section 36, Township 17 South, Range 29 East, in the Loco Holls Pool in Eddy County, New Mexico.

2. The Commission has heretofore issued its order approving a waterflood project in said pool, which project is now operated by Newmont Oil Company.

3. In order to protect its correlative rights and to prevent waste of oil, Applicant must immediately institute a waterflood project upon its above-described properties.

4. To further protect its correlative rights, Applicant should receive special allowables for its producing wells in said project.

5. Simultaneously herewith, there is being filed by General American Oil Company of Texas an Application in Cause No.

2238 before the Commission, and Applicant respectfully requests the Commission to consider the exhibits attached to the application of General American Oil Company of Texas as if said exhibits were attached to this application, and to consolidate the hearing in this cause with the hearing in Cause No. 2238 for the purpose of the presentation of testimony and evidence.

6. It attaches hereto as additional exhibits the production records on its producing oil wells upon its properties.

WHEREFORE, Applicant requests the Commission to set this matter down for hearing before one of its Examiners, to publish notice as required by law, and, after hearing, to enter its order authorizing the instituting of the proposed waterflood project and the granting of special allowables therefor.

Respectfully submitted,

FAIR OIL COMPANY

By Jack M Campbell
Jack M. Campbell, for
CAMPBELL & RUSSELL
P. O. Box 766
Roswell, New Mexico

Its Attorneys

DATED: March 17, 1961

FAIR OIL COMPANY
LOCO HILLS FIELD PRODUCTION
EDDY COUNTY, NEW MEXICO

	STATE "A" 1 & 3 UNITS I, J & H SEC. 36-T17S-R29E
1939	20,272
1940	38,662
1941	31,322
1942	22,648
1943	14,789
1944	12,442
1945	7,844
1946	5,320
1947	4,110
1948	2,548
1949	1,396
Cum. 1-1-50	161,353
1950	
January	123
February	144
March	298
April	340
May	232
June	210
July	131
August	214
September	174
October	106
November	178
December	146
Total	2,296
Cum. 1-1-51	163,649
1951	
January	164
February	164
March	189
April	141
May	162
June	137
July	114
August	129
September	155
October	159
November	165
December	121
Total	1,800
Cum. 1-1-52	165,449
1952	
January	151
February	155
March	116
April	175
May	162
June	238
July	221
August	158
September	141
October	151
November	152
December	164
Total	1,984
Cum. 1-1-53	167,433

FAIR OIL COMPANY
LOCO HILLS FIELD PRODUCTION
EDDY COUNTY, NEW MEXICO

	STATE "A" 1 & 3 UNITS I, J & H SEC. 36-T17S-R29E
1953	
January	158
February	171
March	196
April	177
May	183
June	167
July	167
August	167
September	171
October	172
November	156
December	168
Total	2,053
Cum. 1-1-54	169,486
1954	
January	175
February	137
March	155
April	136
May	135
June	109
July	102
August	71
September	-
October	66
November	364
December	270
Total	1,720
Cum. 1-1-55	171,206
1955	
January	235
February	155
March	183
April	105
May	291
June	190
July	205
August	117
September	154
October	186
November	213
December	214
Total	2,248
Cum. 1-1-56	173,454

	STATE "A" 1 & 3 UNITS I, J & H SEC. 36-T17S-R29E
1956	
January	195
February	152
March	180
April	127
May	108
June	97
July	102
August	116
September	137
October	141
November	158
December	109
Total	1,622
Cum. 1-1-57	175,076
1957	
January	91
February	133
March	148
April	113
May	188
June	153
July	155
August	128
September	138
October	109
November	113
December	102
Total	1,571
Cum. 1-1-58	176,647
1958	
January	124
February	114
March	80
April	111
May	132
June	124
July	124
August	121
September	108
October	84
November	113
December	95
Total	1,330
Cum. 1-1-59	177,977

	STATE "A" 1 & 3 UNITS I, J & H SEC. 36-T17S-R29E
1959	
January	135
February	106
March	121
April	107
May	88
June	92
July	69
August	91
September	84
October	83
November	102
December	96
Total	1,174
Cum. 1-1-60	179,151
1960	
January	75
February	105
March	105
April	108
May	113
June	83
July	57
August	85
September	77
October	82
November	83
December	62
Total	1,035
Cum. 12-31-60	180,186

KN:gk