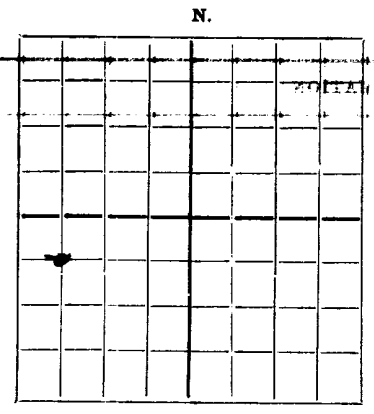
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

RECEIVED HOBBS OFFICE

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

STANDARD OIL COMPANY OF TEXAS — Company or Operator
Box 1660, Midland, Texas — Lease

State 4-27 Well No. 4 in _____ of Sec. 27, T. 17-S

R. 35-E, N. M. P. M., Vacuum Field, Lea County.

Well is 1980 feet North of the South line and 660' feet East of the West line of Section 27

If State land the oil and gas lease is No. B-1840 Assignment No. _____

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is _____, Address _____

Drilling commenced January 4, 1939. Drilling was completed February 4, 1939

Name of drilling contractor Harry Bass Drilling Co., Address Dallas, Texas

Elevation above sea level at top of casing 3938 feet.

The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 4355' to 4490' No. 4, from _____ to _____

No. 2, from 4555' to 4596' No. 5, from _____ to _____

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

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 70 to 180 feet. No test

No. 2, from _____ to _____ feet. _____

No. 2, from _____ to _____ feet. _____

No. 4, from _____ to _____ feet. _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
13-3/8"	48#	8	Chester	251'	Tex.Pat.				
9-5/8"	36#	8	"	1625'	Baker Float				
7"	24#	10	"	4183'	Baker Float				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4"	13-3/8"	267'	250	Halliburton		
12-1/4"	9-5/8"	1640'	615	Halliburton		
8-3/4"	7"	4196'	145	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Acid	500 gals	2/4/39	4300'-4597'	

Results of shooting or chemical treatment 500 gals. acid used to remove mud sheath from pay section. No acid forced into formation.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 4597 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing February 4, 1939
On 2-hour potential test well made
The production of the first 24 hours was 108 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be 38

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. E. Hollis, Driller L. L. Fortenberry, Driller

E. Carruth, Driller M. E. Self, Driller

C. Perryman

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 10th day of March, 19 39

Mrs. H. C. Myers
Notary Public.

Midland, Texas — Place
March 10, 1939 — Date

Name W. Vaughan

Position Petroleum Engineer

Representing STANDARD OIL COMPANY OF TEXAS

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION

Complete history and log attached.

WELL COMPLETION REPORT RO-18-3

LOG AND HISTORY

WELL NO. 4 PROPERTY State 4-27 (B-1840) Standard Oil COMPANY

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS Company of Texas

FROM	TO	FEET	FORMATION DRILLED AND CORED
			December 30, 1938 - Authorization SOT-Pro-171 received to drill State 4-27 #4 (B-1840) located 1980' from the South line and 660' from the West line of Section 27, Twp. 17-S, Rg. 35-E, Lea County, New Mexico. Staked location.
			December 31, 1938 - Started cellar and pits.
			January 4, 1939 - Finished rigging up. Started 12-1/4" hole.
0	30	30	Caliche
30	70	40	Sand
70	180	110	WATER SAND and lime shells
180	235	55	Sand and shells
235	275	40	Red bed
			Reamed 12-1/4" hole to 17-1/4" hole
			January 4, 1939 - Landed and cemented 251' of 13-3/8" casing at 267' with 250 sacks El Toro Oil Well Cement by Halliburton method, top plug only. Casing free, circulation good. 35 min. mixing cement and pumping down plug.
			Casing Detail
			140' of 13-3/8", 48#, 8 thd., new Chester welded casing and 111' of 13-3/8", 48#, 8 thd., new casing of various makes for a total of 251' of 13-3/8" casing, Texas Pattern shoe.
			January 6, 1939 - After standing cemented 48 hours, plug was drilled and hole was bailed dry. After standing one hour, hole still tested dry. Casing and water shut off o.k.
			Drilled ahead in 12-1/4" hole.
235	612	337	Red bed and shells
612	1037	425	Red bed and red rock
1037	1160	123	Red rock
1160	1522	362	Red rock and shells
1522	1593	71	Red rock
1593	1612	19	Hard anhydrite
1612	1645	33	Anhydrite
			Acid bottle at 550' tested o.k.
			Acid bottle at 975' tested o.k.
			Acid bottle at 1360' tested o.k.
			Acid bottle at 1565' tested o.k.
			SLM at 1565' = 1565'.

WELL COMPLETION REPORT . RO-18-3

LOG AND HISTORY

WELL NO. [illegible] PROPERTY [illegible] COMPANY

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS [illegible]

FROM	TO	FEET	FORMATION DRILLED AND CORED
			December 20, 1939 - Authorization [illegible] to drill [illegible] (3-18) located 1980' from the [illegible] line and 660' from the east line of [illegible], Twp. 17-S, Rg. 32-E, Lea County, New Mexico. [illegible] location.
			December 21, 1939 - Started drilling [illegible].
			January [illegible], 1940 - Finished rigging up. [illegible] 17-1/4" hole.
0	20	20	Caliche
20	120	[illegible]	Sand
120	140	[illegible]	[illegible] and lime shells
140	[illegible]	[illegible]	Red and shells
150	[illegible]	[illegible]	Red bed
			Reamed 17-1/4" hole to 17-1/2" hole
			January [illegible], 1940 - Lowered and cemented 13" [illegible] casing at [illegible]' with [illegible] sacks of Portland cement by Halliburton method, [illegible] cement. Waiting [illegible] circulation good. [illegible] with [illegible] cement and [illegible] hole.
			<u>Casing Detail</u>
			1400' of 13-3/8", [illegible] lb. [illegible], new Lone Star [illegible] and 1111' of 13-3/8", [illegible] lb., 8 rd., new casing, [illegible] made for a total of 2511' of 13-3/8" casing, [illegible] bottom shoe.
			January [illegible], 1940 - After circulating cemented [illegible] hours, plug was drilled and hole was bailed dry. After standing one hour, hole still tested dry. Casing and water shut off [illegible].
			[illegible]
[illegible]	[illegible]	[illegible]	Lime and lime shells
[illegible]	[illegible]	[illegible]	Red sand and red rock
[illegible]	[illegible]	[illegible]	Red rock
[illegible]	[illegible]	[illegible]	Red sand and shells
[illegible]	[illegible]	[illegible]	Red rock
[illegible]	[illegible]	[illegible]	Lime anhydrite
[illegible]	[illegible]	[illegible]	Anhydrite
			Oil [illegible] at [illegible] tested [illegible].
			Oil [illegible] at [illegible] tested [illegible].
			Oil [illegible] at [illegible] tested [illegible].
			Oil [illegible] at [illegible] tested [illegible].
			[illegible] at [illegible] - [illegible].

PRO. 18-3 7200 1-39

WELL COMPLETION REPORT RO-18-3

LOG AND HISTORY

WELL NO. 4 PROPERTY State 4-27 (B-1640) COMPANY Standard Oil Company of Texas

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS

FROM	TO	FEET	FORMATION DRILLED AND CORED
			January 11, 1939 - Landed and cemented 1625' of 9-5/8" casing at 1640' with 615 sacks of El Toro Oil Well Cement by Halliburton method, top plug only. Casing free; circulation good. 50 min. mixing cement and pumping down plug. Maximum pump pressure 580 psi.
			Casing Detail
			1625' of 9-5/8", 36#, 8 thd., new welded, Chester casing at 1640'. Baker Float shoe.
			January 13, 1939 - After standing cemented 48 hours, casing was tested with 1000 psi. Pressure dropped 25 psi. in 30 minutes. Casing tested o.k. Drilled plug and tested water shut off with 1000 psi. Pressure dropped 65 psi. in 30 minutes. Water shut off o.k.
			Drilled ahead in 8-3/4" hole.
1645	1704	59	Anhydrite
1704	1922	218	Salt and anhydrite
1922	2529	607	Salt
2529	2549	20	Gypsum
2549	2800	251	Salt
2800	2866	66	Salt and anhydrite
2866	2900	34	Broken anhydrite
2900	2940	40	Anhydrite
2940	2980	40	Broken anhydrite
2980	3044	64	Anhydrite
3044	3049	05	Yates gas sand - GAS
3049	3080	31	Anhydrite
3080	3083	03	Gas Sand
3083	3090	07	Anhydrite and gypsum
3090	3114	24	Anhydrite
3114	3117	03	Sand - Show of GAS
3117	3128	11	Anhydrite
3128	3139	11	Sand - Show of GAS
3139	3146	07	Anhydrite
			Acid bottle at 2250' tested o.k.
			Acid bottle at 2450' tested o.k.
			Acid bottle at 2650' tested o.k.
			Acid bottle at 2850' tested o.k.
			Acid bottle at 3090' tested o.k.
3146	3219	73	Anhydrite
3219	3249	30	Anhydrite and gypsum
3249	3340	91	Anhydrite
3340	3417	77	Anhydrite and gypsum
3417	3467	50	Anhydrit e and streaks of lime
3467	3538	71	Anhydrite
3538	3608	70	Broken Anhydrite
3608	3733	125	Anhydrite
3733	3914	181	Lime

WELL COMPLETION REPORT Ro-18-3

LOG AND HISTORY

WELL NO. [illegible] PROPERTY [illegible] COMPANY [illegible]

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS

FROM	TO	FEET	FORMATION DRILLED AND CORED
			February 11, 1959 - Tested and cemented [illegible] casing at [illegible] with [illegible] sacks of [illegible] cement by Halliburton [illegible]. [illegible] free; circulating good. [illegible] mixing [illegible] mixing flow plug. [illegible]
			Casing Test:
			[illegible] at [illegible], [illegible] 4 and [illegible] were welded. [illegible] at [illegible]. Pumps flight [illegible].
			January 15, 1959 - After standing [illegible] 4 hours, casing was tested with 1500 psi. Pressure dropped [illegible] psi. In [illegible] minutes. Casing tested [illegible] plug and tested water shut off with 1000 psi. Pressure [illegible] psi. In [illegible] minutes, water [illegible].
			Drilled ahead in [illegible] hole.
[illegible]	[illegible]	[illegible]	Anhydrite
[illegible]	[illegible]	[illegible]	Salt and anhydrite
[illegible]	[illegible]	[illegible]	Salt
[illegible]	[illegible]	[illegible]	Anhydrite
[illegible]	[illegible]	[illegible]	Salt
[illegible]	[illegible]	[illegible]	Salt and anhydrite
[illegible]	[illegible]	[illegible]	Broken anhydrite
[illegible]	[illegible]	[illegible]	Anhydrite
[illegible]	[illegible]	40	Broken anhydrite
[illegible]	[illegible]	[illegible]	Anhydrite
[illegible]	[illegible]	[illegible]	Yates sce sand - [illegible]
[illegible]	[illegible]	[illegible]	Anhydrite
[illegible]	[illegible]	[illegible]	Sea sand
[illegible]	[illegible]	[illegible]	Anhydrite and gypsum
[illegible]	[illegible]	[illegible]	Anhydrite
[illegible]	[illegible]	[illegible]	Sand - [illegible]
[illegible]	[illegible]	[illegible]	Anhydrite
[illegible]	[illegible]	[illegible]	Sand - [illegible]
[illegible]	[illegible]	[illegible]	Anhydrite
			Gas bubble at [illegible] tested [illegible].
			Gas bubble at [illegible] tested [illegible].
			Gas bubble at [illegible] tested [illegible].
			Gas bubble at [illegible] tested [illegible].
			Gas bubble at [illegible] tested [illegible].
[illegible]	[illegible]	[illegible]	Anhydrite
[illegible]	[illegible]	[illegible]	Anhydrite and gypsum
[illegible]	[illegible]	91	Anhydrite
[illegible]	[illegible]	[illegible]	Anhydrite and gypsum
[illegible]	[illegible]	[illegible]	Anhydrite and stringers of lime
[illegible]	[illegible]	[illegible]	Anhydrite
[illegible]	[illegible]	70	Broken anhydrite
[illegible]	[illegible]	[illegible]	Anhydrite
[illegible]	[illegible]	181	Lime

WELL COMPLETION REPORT . RO-18-3 Page 4

LOG AND HISTORY

WELL NO. 4 PROPERTY State 4-27 (B-1840) Standard Oil COMPANY Company of Texas

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS

FROM	TO	FEET	FORMATION DRILLED AND CORED
3914	3928	14	Brown lime
3928	3973	45	Lime
3973	4048	75	Gray lime
4048	4060	12	Brown lime
4060	4090	30	Gray and brown lime
4090	4120	30	Lime
4120	4147	27	Gray lime
4147	4201	54	Gray lime
			Acid bottle at 3225' tested o.k.
			Acid bottle at 3400' tested o.k.
			Acid bottle at 3670' tested o.k.
			Acid bottle at 3950' tested o.k.
			Hole continually unloading from Yates Gas.
			January 27, 1939 - Landed and cemented 4183' of 7" casing at 4196' with 145 sacks of El Toro Oil Well Cement by Halliburton method, top plug only. Casing free, circulation good. 30 minutes mixing cement and pumping down plug. Maximum pump pressure 400 psi. Pumped 120 bbls. of water ahead of cement to unload mud. Squeezed last 20 sacks of cement. Yates gas bradenheaded
			Casing Detail
			176' of 7", 24#, 10 thd., new National, Grade C, casing. 236' of 7", 24#, 10 thd., new Youngstown Grade C casing. 144' of 7", 24#, 10 thd., new Youngstown Grade D casing. 149' of 7", 24.3#, 10 thd., new Grade D, J & L casing. 3478' of 7", 24#, 10 thd., new Grade C, J & L casing, for a total of 4183' of 7" casing. Baker Float shoe.
			January 30, 1939 - After standing cemented 72 hours, casing was tested with 1100 psi. No pressure drop in 30 minutes.
			Drilled plug and tested water shut off with 1100 psi. No pressure drop in 30 minutes. Casing and water shut off o.k.
			Drilled ahead in 6-1/4" hole.
4201	4271	70	Gray lime
			Changed over to lime dust drilling fluid at 4271'. Mixed 40 sacks Aquagel and 300 sacks lime dust with 350 bbls. water. Added 25 sacks Hydrated lime to increase viscosity.

4 State 4-27 (B-1840) Standard Oil Company of Texas

4271	4280	09	Gray lime
4280	4287	07	Brown lime
4287	4311	24	Gray lime
4311	4339	28	Gray lime and streaks of brown lime
4339	4387	48	Brown lime
4387	4459	72	Brown lime - Show of OIL
4459	4467	08	Gray lime
4467	4476	09	Brown sandy lime - Show of Oil
4476	4480	04	Broken brown lime
4480	4515	35	Gray lime
4515	4528	13	Brown lime, hard - Show of OIL
4528	4555	27	Gray lime
4555	4597	42	Brown lime

February 3, 1939 - Reached total depth. SLM 4597' = 4597'

Pulled drill pipe up into casing and circulated mud out with water. Went back to bottom and circulated water and mud with oil.

February 4, 1939 - Landed 4576' of 2" tubing at 4585'.

Tubing Detail

4576' of 2" U.E., 4.7#, 10 thd., seamless tubing at 4585'. 225' of Youngstown; 154' of National, 4199' of J & L.

3' of perforations 4551' - 4554'. Anchor joint 4554' to 4585'. Bull plugged with bull plug tapped with 1/2" hole.

February 4, 1939 - Pumped in 750 gallons of Dowell XX acid to remove lime mud sheath. Lost circulation on last 250 gallons. Acid apperently broke thru mud sheath and formation took acid under a vacuum. Left acid in well 1-1/2 hour, then hole was unloaded with high pressure gas. Unloaded well thru casing into pits for 1/2 hour. Well continued to flow thru casing after shutting off high pressure gas. Kicked well off thru tubing and turned into tanks. On 2-hour potential test, well made 108 bbls. for an average of 54 bbls. per hour. Casing pressure 520 psi. at end of test.

SAM KIFF

Contractor: Harry Bass Drilling Company

Drillers: W. E. Hollis
E. Carruth
L. L. Fortenberry
M. E. Self
C. Perryman

gk/bm

State 4-27 (G-1440) Standard Oil
Company of Texas

4521	4540	09	Gray lime
4540	4547	07	Brown lime
4547	4711	24	Gray lime
4711	4739	28	Gray lime and streaks of brown lime
4739	4747	44	Brown lime
4747	4752	72	Brown lime - Show of Oil
4752	4767	06	Gray lime
4767	4770	03	Brown sandy lime - Show of Oil
4770	4840	04	Broken brown lime
4840	4913	73	Gray lime
4913	4924	13	Brown lime, hard - Show of Oil
4924	4955	27	Gray lime
4955	4997	42	Brown lime

February 1, 1939 - Reached total depth. [illegible] 4997' = 4997'.

Pulled drill pipe up into casing and circulated mud out with water. Went back to bottom and circulated water out mud with oil.

February 4, 1939 - Ranged 4976' of 2" tubing at 4965'.

Tubing Detail

4976' of 2" E.U., 4.70#, 10 thd., seamless tubing at 4965'. 2.25' of Youngstown; 1.94' of National, 4195' of 1 E.U.

3' of perforations 4951' - 4954'. Anchor joint 4954' to 4965'. Bull plugged with bull plug tapped with 1/2" hole.

February 4, 1939 - Pumped in 750 gallons of Dowell XX acid to remove lime mud sheath. Lost circulation on last 250 gallons. Acid apparently broke thru mud sheath and formation took acid under a vacuum. Left acid in well 1-1/2 hour, then hole was unloaded with high pressure gas. Unloaded well thru casing into pits for 1/2 hour. Well continued to flow thru casing after shutting off high pressure gas. Kicked well off thru tubing and turned into tanks. On 2-hour potential test, well made 108 bbls. for an average of 54 bbls. per hour. Casing pressure 320 psi. at end of test.

Contractor: Harry Dees Drilling Company

Driller: A. C. Rollis
C. Carruth
J. J. Fortenberry
A. S. Self
[illegible]

State 4-27 #4 (B-1840 Lea) Porosity Log

From	To	
4201	4345	Gray & tan sandy lime - No porosity
4345	4350	" " lime, 25% shows poor porosity
4350	4355	" " " trace " " "
4355	4360	" " " 25% " good "
4360	4365	" " " 15% " " "
4365	4375	" " " trace " " "
4375	4380	" " " 15% " " "
4380	4385	" " " 10% " " "
4385	4390	" " " trace " " "
4390	4395	" " " 25% " " "
4395	4400	" " " 75% " " "
4400	4405	" " " 75% " " "
4405	4410	" " " 33% " " "
4410	4415	" " " 10% " " "
4415	4420	" " " 10% " " "
4420	4425	" " " 50% " " "
4425	4430	" " " 90% " " "
4430	4435	" " " 75% " " "
4435	4440	" " " 33% " " "
4440	4445	" " " 50% " " "
4445	4450	" " " 25% " " "
4450	4455	" " " trace " " "
4455	4460	" " " trace " " "
4460	4465	" " " trace " " "
4465	4470	" " " 5% " " "
4470	4475	" " " 50% " " "
4475	4480	" " " 90% " " "
4480	4485	" " " 25% " " "
4485	4490	" " " trace " " "
4490	4500	" lime and streaks sand
4500	4550	Gray and brown lime, streaks sand
4550	4555	Gray lime, streaks brown lime, trace porosity
4555	4560	Gray & tan lime, 33% shows good porosity
4560	4565	" " " 75% " " "
4565	4570	" " " 90% " " "
4570	4575	" " " 50% " " "
4575	4580	" " " 50% " " "
4580	4585	" " " 50% " " "
4585	4590	" " " 50% " " "
4590	4595	" " " 75% " " "
4595	4596	" " " 25% " " "
4596	4597	Gray lime, 5%, shows poor porosity

State #-27 #4 (D-1840 Sec.

Porosity log

From	To	
#301	#345	Gray & tan sandy lime - No porosity
#345	#350	" " lime, 25% shows poor porosity
#350	#355	" " " trace " " "
#355	#360	" " " 25% " good "
#360	#365	" " " 15% " " "
#365	#375	" " " trace " " "
#375	#380	" " " 15% " " "
#380	#385	" " " 10% " " "
#385	#390	" " " trace " " "
#390	#395	" " " 25% " " "
#395	#400	" " " 75% " " "
#400	#405	" " " 75% " " "
#405	#410	" " " 35% " " "
#410	#415	" " " 10% " " "
#415	#420	" " " 10% " " "
#420	#425	" " " 50% " " "
#425	#430	" " " 90% " " "
#430	#435	" " " 75% " " "
#435	#440	" " " 35% " " "
#440	#445	" " " 50% " " "
#445	#450	" " " <25% " " "
#450	#455	" " " trace " " "
#455	#460	" " " trace " " "
#460	#465	" " " trace " " "
#465	#470	" " " 5% " " "
#470	#475	" " " 50% " " "
#475	#480	" " " 90% " " "
#480	#485	" " " <25% " " "
#485	#490	" " " trace " " "
#490	#500	" lime and stresis sand
#500	#550	Gray and brown lime, stresis sand
#550	#555	Gray lime, stresis brown lime, trace porosity
#555	#560	Gray & tan lime, 35% shows good porosity
#560	#565	" " " 75% " " "
#565	#570	" " " 90% " " "
#570	#575	" " " 50% " " "
#575	#580	" " " 50% " " "
#580	#585	" " " 50% " " "
#585	#590	" " " 50% " " "
#590	#595	" " " 75% " " "
#595	#596	" " " <25% " " "
#596	#597	Gray lime, 5%, shows poor porosity

Drilling Time
State 4-27-55 (B-1840 1. 20)

From	To	Min.
3790	3800	95
3800	3810	90
3810	3820	85
3820	3830	95
3830	3840	105
3840	3850	120
3850	3860	130
3860	3870	130
3870	3880	75
3880	3890	60
3890	3900	75
3900	3910	80
3910	3920	110
3920	3930	105
3930	3940	155
3940	3950	175
3950	3960	170
3960	3970	100
3970	3980	80
3980	3990	80
3990	4000	80
4000	4010	60
4010	4020	75
4020	4030	75
4030	4040	120
4040	4050	95
4050	4060	120
4060	4070	135
4070	4080	170
4080	4090	150
4090	4100	140
4100	4110	130
4110	4120	150
4120	4130	125
4130	4140	150
4140	4150	250
4150	4160	250
4160	4170	210
4170	4180	130
4180	4190	150
4190	4200	210
4200	4205	30
4205	4210	35
4210	4215	35
4215	4220	35
4220	4225	35
4225	4230	60
4230	4235	75
4235	4240	95
4240	4245	75
4245	4250	80
4250	4255	80
4255	4260	120
4260	4265	85

From	To	Min
4265	4270	85
4270	4275	90
4275	4280	60
4280	4285	30
4285	4290	60
4290	4295	75
4295	4300	80
4300	4305	65
4305	4310	55
4310	4315	75
4315	4320	60
4320	4325	80
4325	4330	70
4330	4335	75
4335	4340	75
4340	4345	40
4345	4350	55
4350	4355	40
4355	4360	30
4360	4365	35
4365	4370	60
4370	4375	30
4375	4380	35
4380	4385	70
4385	4390	55
4390	4395	40
4395	4400	35
4400	4405	40
4405	4410	40
4410	4415	35
4415	4420	55
4420	4425	55
4425	4430	45
4430	4435	50
4435	4440	30
4445	4450	30
4450	4455	65
4455	4460	55
4460	4465	45
4465	4470	40
4470	4475	25
4475	4480	35
4480	4485	60
4485	4490	95
4490	4495	75
4495	4500	80
4500	4505	85
4505	4510	55
4510	4515	65
4515	4520	80
4520	4525	85
4525	4530	110
4530	4535	90

From	To	Min.
4535	4540	115
4540	4545	95
4545	4550	90
4550	4555	70
4555	4560	27
4560	4565	35
4565	4570	35
4570	4575	35
4575	4580	45
4580	4585	30
4585	4590	55
4590	4595	85

From	To	Min.
3790	3800	95
3800	3810	90
3810	3820	85
3820	3830	95
3830	3840	105
3840	3850	120
3850	3860	130
3860	3870	130
3870	3880	75
3880	3890	60
3890	3900	75
3900	3910	60
3910	3920	110
3920	3930	105
3930	3940	155
3940	3950	175
3950	3960	170
3960	3970	100
3970	3980	80
3980	3990	80
3990	4000	80
4000	4010	60
4010	4020	75
4020	4030	75
4030	4040	130
4040	4050	95
4050	4060	120
4060	4070	135
4070	4080	170
4080	4090	150
4090	4100	180
4100	4110	130
4110	4120	130
4120	4130	125
4130	4140	150
4140	4150	250
4150	4160	250
4160	4170	210
4170	4180	130
4180	4190	130
4190	4200	210
4200	4205	30
4205	4210	35
4210	4215	35
4215	4220	35
4220	4225	35
4225	4230	60
4230	4235	75
4235	4240	95
4240	4245	75
4245	4250	60
4250	4255	60
4255	4260	120
4260	4265	85
4265	4270	110
4270	4280	85
4280	4290	60
4290	4295	75
4295	4300	80
4300	4305	65
4305	4310	55
4310	4315	75
4315	4320	60
4320	4325	60
4325	4330	70
4330	4335	75
4335	4340	75
4340	4345	40
4345	4350	55
4350	4355	40
4355	4360	30
4360	4365	35
4365	4370	60
4370	4375	30
4375	4380	35
4380	4385	70
4385	4390	55
4390	4395	40
4395	4400	55
4400	4405	40
4405	4410	40
4410	4415	55
4415	4420	35
4420	4425	55
4425	4430	55
4430	4435	55
4435	4440	30
4440	4445	30
4445	4450	30
4450	4455	55
4455	4460	55
4460	4465	45
4465	4470	40
4470	4475	45
4475	4480	35
4480	4485	60
4485	4490	55
4490	4495	75
4495	4500	60
4500	4505	65
4505	4510	55
4510	4515	55
4515	4520	40
4520	4525	65
4525	4530	110
4530	4535	90

From	To	Min.
4535	4540	65
4540	4545	90
4545	4550	60
4550	4555	70
4555	4560	60
4560	4565	75
4565	4570	55
4570	4575	55
4575	4580	55
4580	4585	30
4585	4590	55
4590	4595	65

From	To	Min.
4595	4600	65
4600	4605	90
4605	4610	90
4610	4615	95
4615	4620	115