

District I - (505) 393-6161

P. O. Box 1980
Hobbs, NM 88241-1980

District II - (505) 748-1283

811 S. First
Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Road
Aztec, NM 87410

District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Originated 11/1/95

Submit Original
Plus 2 Copies
to appropriate
District Office

RECEIVED
JUL 1998

OIL CON. DIV.
FORM B

**APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL**

THREE COPIES OF THIS APPLICATION AND ALL ATTACHMENTS MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

I. Operator: Burlington Resources OGRID#: 14538

Address: P. O. Box 4289 Farmington, NM 87499

Contact Party: Peggy Bradfield Phone: (505) 326-9700

II. Name of Well: PAYNE 8 API #: 300452664300

Location of Well:

Unit Letter: C 1120'N 1550'W Section: 25

Township: 030N Range: 011W NMPM, SAN JUAN County.

III. Date the Production Restoration Project was commenced: 12/97

Date the Well was returned to production: 1/98 1/13

IV. **Attach a description of the Workover Procedures undertaken to increase the production from the Well.**
MENEFEE PAY ADD

V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.

VI. Pool(s) on which Production Projection is based:
BLANCO MESAVERDE

VII. **AFFIDAVIT:**
State of New Mexico)
County of San Juan) ss.

Peggy Bradfield, being first duly sworn, upon oath states:

1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have personal knowledge of the facts contained in this Application for Qualification of a Production Restoration Project.
3. The data utilized to prepare this application is complete and correct.

Peggy Bradfield
(Name)

Regulatory/Compliance Administrator
(Title)

SUBSCRIBED AND SWORN TO before me this 30th day of June, 19 98.

Mae Benallyem
Notary Public

My Commission expires: 6/9/99

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This application for Qualification of a ~~Production Restoration~~ Project is hereby approved and the above referenced Well is designated as a ~~Production Restoration~~ Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that production was restored in this ~~Production Restoration~~ Project on:

1/31, 19 98.

31.3
District Supervisor, District 3
Oil Conservation Division

Date: 7/15/98

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.
DATE: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well

GAS

2. Name of Operator

BURLINGTON
RESOURCES

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1120' FNL, 1550' FWL, Sec. 25, T-30-N, R-11-W, NMPM

5. Lease Number

SF-079962

6. If Indian, All. or Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Payne #8

9. API Well No.

30-045-26643

10. Field and Pool

Blanco Mesaverde

11. County and State

San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☐ Notice of Intent☐ Abandonment☐ Change of Plans☒ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment☐ Plugging Back☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection☒ Other - Pay add

13. Describe Proposed or Completed Operations

12-3-97 MIRU. ND WH. NU BOP. TOOH w/157 jts 2 3/8" tbgs. TIH w/4 1/2" csg scraper to 4256'. SDON.

12-4-97 Pump 300 gal 15% Hcl down csg. Flush w/20 bbl 2% Kcl wtr. TIH to 4760' w/csg scraper. TOOH. TIH, ran GR log. TOOH. TIH w/4 1/2" RBP, set @ 4760'. TIH w/4 1/2" pkr, set @ 4227'. Load hole w/2% Kcl wtr. PT RBP to 3000 psi/5 mi OK. TOOH w/pkr. TIH w/RBP, set @ 4180'. Load hole w/2% Kcl wtr. PT RBP & csg to 3000 psi/5 min, OK. Release pkr, TOOH. SDON.

12-5-97 TIH, latch RBP @ 4180'. TOOH. TIH, spot 250 gal 15% Hcl @ 4703'. Displace w/16.6 bbl 2% Kcl wtr. TOOH. TIH, perf Menefee w/1 SPF @ 4367, 4386, 4393, 4403, 4426, 4432, 4455, 4487, 4506, 4520, 4546, 4615, 4624, 4631, 4639, 4643, 4648, 4687, 4692, 4698, 4703'. TIH w/4 1/2" pkr, set @ 4258'. SDON.

12-6-97 Acidize w/1500 gal 15% Hcl. TOOH w/pkr. TIH w/pkrs, set @ 4159' & 4227'. SDC

12-7-97 Frac Menefee w/2642 bbl slk wtr, 65,000# 20/40 Brady sd. Attempt to release pkr @ 4159'. SDON.

12-8-97 TIH w/fishing tools. TOOH fishing tools. TIH, Blow well & CO. SDON.

Continued on back

14. I hereby certify that the foregoing is true and correct.

Signed

Title Regulatory Administrator Date 1/14/98

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

ACCEPTED
Date _____

IC AND

JAN 23 1998

OPERATOR

FARMINGTON DISTRICT OFFICE

12-9-97 Blow well & CO. SDON.
 12-10-97 Blow well & CO. TOOH w/pkrs. TIH, blow well & CO. SDON.
 12-11-97 Blow well & CO. TOOH. TIH w/4 1/2" csg scraper to 4725'. TOOH. SDON.
 12-12-97 Blow well & CO. TIH w/isolation pkrs, set @ 4157 & 4225'. Set plug in "R" nipple. Load tbg. Pressure up on pkrs to 2500 psi. TIH to retrieve plug. SD for weekend.
 12-15-97 TIH w/7" pkr. PT pkr to 500 psi, failed. Reset pkr. PT pkr to 500 psi, OK. Refrac Menefee w/4026 bbl slk wtr, 129,700# 20/40 Brady sd. CO after frac. SDON.
 12-16-97 Blow well & CO. TOOH w/7" pkr. TIH w/retrieving tool to top of lnr @ 2600'. Blow well & CO. SDON.
 12-17-97 Blow well & CO. TOOH w/isolation pkrs. TIH w/retrieving tool, blow well & CO. SDON.
 12-18-97 Blow well & CO. SDON.
 12-19-97 Blow well & CO. SD for weekend.
 12-22/23-97 Blow well & CO.
 12-24-97 Blow well & CO. SD for holiday.
 12-26/28-97 Blow well & CO. SDON.
 12-29-97 Blow well & CO. TOOH. TIH, ran after frac log @ 4200-4703'. Blow well & CO.
 12-30-97 Blow well & CO. TOOH. TIH, ran perf efficiency log @ 4200-5081'. TOOH. TIH w/4 1/2" pkr & 148 jts 2 3/8" 4.7# J-55 EUE tbg, set pkr @ 4246'. SDON.
 12-31-97 Release pkr, reset @ 4238'. Landed tbg below pkr @ 4534'. ND BOP. NU WH. RD. Rig released.
 1-1-98 MIRU. ND WH. NU BOP. Blow well & CO. SD for holiday.
 1-3/4-98 Blow well & CO. SDON.
 1-5-98 (Verbal approval to squeeze from Wayne Townsend, BLM).
 1-6-98 TIH, release pkr. TOOH w/148 jts 2 3/8" tbg & pkr. TIH w/CIBP, set @ 4266'. Load hole w/wtr. Establish injection. SDON.
 1-7-98 TIH w/cmt retainer, set @ 4088'. Load tbg w/wtr. PT tbg to 2000 psi, OK. Establish injection. Pressure up on csg to 500 psi. Pump 130 sx Class "G" neat cmt. Displace w/10 bbl wtr. Reversed out 8 bbl cmt. Sqz 90 sx of cmt below cmt retainer. TOOH. WOC. SDON.
 1-8-98 TIH w/bit, tag TOC @ 4082'. Drill out cmt retainer. Drill cmt @ 4088-4230'. TOOH. SDON.
 1-9-98 Load hole w/wtr. Hole held column of wtr, PT OK. TIH, drill out CIBP. Push CIBP to PBTD @ 5288'. TOOH. TIH. SD for weekend.
 1-12-98 TIH to 5160'. Blow well & CO. Drill out rest of CIBP @ 5160'. Blow well & CO to PBTD @ 5288'. TOOH. SDON.
 1-13-98 TIH, blow well & CO. TOOH. TIH w/152 jts 2 3/8" 4.7# J-55 EUE tbg, landed @ 4895'. Blow well & CO. RD. Rig released.

Expected Production before workover

POYNE 18 545030 1

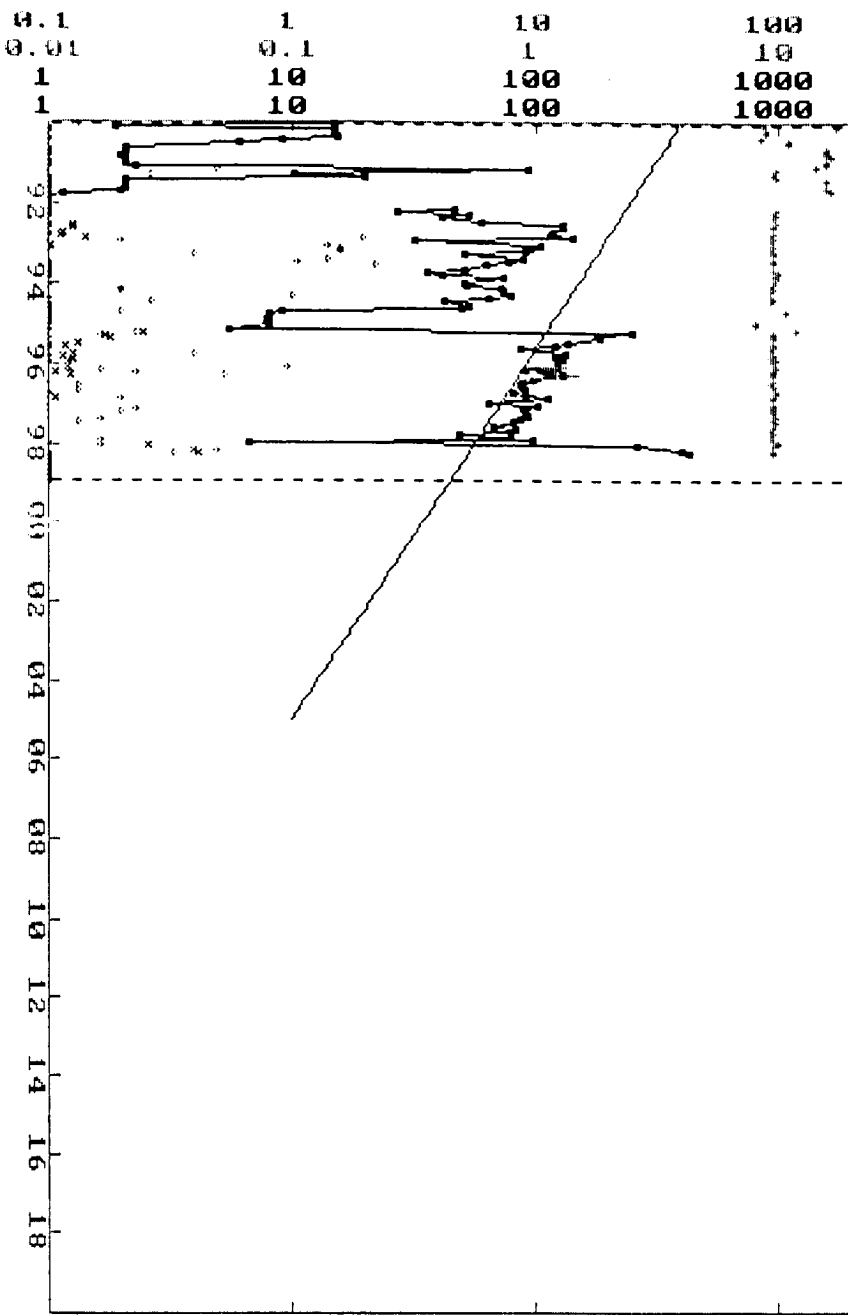
Prop 34 *

• OIL
• WATER/GAS
• GAS
• WATER

○ * WATER Bbls/d
● • GAS Mcf/d
○ • WATER/GAS
○ • OIL Bbl/d

RateTime
Semi Log

— DAILY RATE
— TBG PRESSURE



Page No.: 3
Print Time: Thu Jun 11 07:23:02 1998
Property ID: 34
Property Name: PAYNE | 8 | 54503A-1
Table Name: Q:\ARIES\FD98AR12\PRODUCT.DBF

--DATE--	----OIL----	----GAS----	---WATER---
.....	Bbl.....	Mcf.....	Bbls.....
12/31/96	2	1983	19
01/31/97	2	3144	30
02/28/97	7	2706	26
03/31/97	6	2824	27
04/30/97	3	2876	28
05/31/97	5	2680	26
06/30/97	4	2466	24
07/31/97	1	2071	20
08/31/97	1	2541	24
09/30/97	2	2402	23
10/31/97	1	1491	14
11/30/97	5	3014	29

Expected Production

Payne # 8 MV

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/98		1,706		1/1/18		20
2/1/98		1,675		2/1/18		20
3/1/98		1,645		3/1/18		20
4/1/98		1,615		4/1/18		19
5/1/98		1,585		5/1/18		19
6/1/98		1,556		6/1/18		19
7/1/98		1,528		7/1/18		18
8/1/98		1,500		8/1/18		18
9/1/98		1,472		9/1/18		18
10/1/98		1,445		10/1/18		17
11/1/98		1,419		11/1/18		17
12/1/98		1,393		12/1/18		17
1/1/99		1,367		1/1/19		16
2/1/99		1,342		2/1/19		16
3/1/99		1,318		3/1/19		16
4/1/99		1,294		4/1/19		15
5/1/99		1,270		5/1/19		15
6/1/99		1,247		6/1/19		15
7/1/99		1,224		7/1/19		15
8/1/99		1,202		8/1/19		14
9/1/99		1,180		9/1/19		14
10/1/99		1,158		10/1/19		14
11/1/99		1,137		11/1/19		14
12/1/99		1,116		12/1/19		13
1/1/00		1,096		1/1/20		13
2/1/00		1,076		2/1/20		13
3/1/00		1,056		3/1/20		13
4/1/00		1,037		4/1/20		12
5/1/00		1,018		5/1/20		12
6/1/00		999		6/1/20		12
7/1/00		981		7/1/20		12
8/1/00		963		8/1/20		11
9/1/00		946		9/1/20		11
10/1/00		928		10/1/20		11
11/1/00		911		11/1/20		11
12/1/00		895		12/1/20		11
1/1/01		878		1/1/21		10
2/1/01		862		2/1/21		10
3/1/01		846		3/1/21		10
4/1/01		831		4/1/21		10
5/1/01		816		5/1/21		10
6/1/01		801		6/1/21		10
7/1/01		786		7/1/21		9
8/1/01		772		8/1/21		9
9/1/01		758		9/1/21		9
10/1/01		744		10/1/21		9
11/1/01		730		11/1/21		9
12/1/01		717		12/1/21		9

Expected Production

Payne # 8 MV

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/02		704		1/1/22		8
2/1/02		691		2/1/22		8
3/1/02		678		3/1/22		8
4/1/02		666		4/1/22		8
5/1/02		654		5/1/22		8
6/1/02		642		6/1/22		8
7/1/02		630		7/1/22		8
8/1/02		619		8/1/22		7
9/1/02		607		9/1/22		7
10/1/02		596		10/1/22		7
11/1/02		585		11/1/22		7
12/1/02		575		12/1/22		7
1/1/03		564		1/1/23		7
2/1/03		554		2/1/23		7
3/1/03		544		3/1/23		6
4/1/03		534		4/1/23		6
5/1/03		524		5/1/23		6
6/1/03		514		6/1/23		6
7/1/03		505		7/1/23		6
8/1/03		496		8/1/23		6
9/1/03		487		9/1/23		6
10/1/03		478		10/1/23		6
11/1/03		469		11/1/23		6
12/1/03		460		12/1/23		5
1/1/04		452		1/1/24		5
2/1/04		444		2/1/24		5
3/1/04		436		3/1/24		5
4/1/04		428		4/1/24		5
5/1/04		420		5/1/24		5
6/1/04		412		6/1/24		5
7/1/04		405		7/1/24		5
8/1/04		397		8/1/24		5
9/1/04		390		9/1/24		5
10/1/04		383		10/1/24		5
11/1/04		376		11/1/24		4
12/1/04		369		12/1/24		4
1/1/05		362		1/1/25		4
2/1/05		356		2/1/25		4
3/1/05		349		3/1/25		4
4/1/05		343		4/1/25		4
5/1/05		336		5/1/25		4
6/1/05		330		6/1/25		4
7/1/05		324		7/1/25		4
8/1/05		318		8/1/25		4
9/1/05		313		9/1/25		4
10/1/05		307		10/1/25		4
11/1/05		301		11/1/25		4
12/1/05		296		12/1/25		4

Expected Production

Payne # 8 MV

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/06		290		1/1/26		3
2/1/06		285		2/1/26		3
3/1/06		280		3/1/26		3
4/1/06		275		4/1/26		3
5/1/06		270		5/1/26		3
6/1/06		265		6/1/26		3
7/1/06		260		7/1/26		3
8/1/06		255		8/1/26		3
9/1/06		250		9/1/26		3
10/1/06		246		10/1/26		3
11/1/06		241		11/1/26		3
12/1/06		237		12/1/26		3
1/1/07		233		1/1/27		3
2/1/07		228		2/1/27		3
3/1/07		224		3/1/27		3
4/1/07		220		4/1/27		3
5/1/07		216		5/1/27		3
6/1/07		212		6/1/27		3
7/1/07		208		7/1/27		2
8/1/07		204		8/1/27		2
9/1/07		201		9/1/27		2
10/1/07		197		10/1/27		2
11/1/07		193		11/1/27		2
12/1/07		190		12/1/27		2
1/1/08		186		1/1/28		2
2/1/08		183		2/1/28		2
3/1/08		180		3/1/28		2
4/1/08		176		4/1/28		2
5/1/08		173		5/1/28		2
6/1/08		170		6/1/28		2
7/1/08		167		7/1/28		2
8/1/08		164		8/1/28		2
9/1/08		161		9/1/28		2
10/1/08		158		10/1/28		2
11/1/08		155		11/1/28		2
12/1/08		152		12/1/28		2
1/1/09		149		1/1/29		2
2/1/09		147		2/1/29		2
3/1/09		144		3/1/29		2
4/1/09		141		4/1/29		2
5/1/09		139		5/1/29		2
6/1/09		136		6/1/29		2
7/1/09		134		7/1/29		2
8/1/09		131		8/1/29		2
9/1/09		129		9/1/29		2
10/1/09		127		10/1/29		2
11/1/09		124		11/1/29		1
12/1/09		122		12/1/29		1

Expected Production

Payne # 8 MV

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/10		120		1/1/30		1
2/1/10		118		2/1/30		1
3/1/10		115		3/1/30		1
4/1/10		113		4/1/30		1
5/1/10		111		5/1/30		1
6/1/10		109		6/1/30		1
7/1/10		107		7/1/30		1
8/1/10		105		8/1/30		1
9/1/10		103		9/1/30		1
10/1/10		101		10/1/30		1
11/1/10		100		11/1/30		1
12/1/10		98		12/1/30		1
1/1/11		96		1/1/31		1
2/1/11		94		2/1/31		1
3/1/11		92		3/1/31		1
4/1/11		91		4/1/31		1
5/1/11		89		5/1/31		1
6/1/11		88		6/1/31		1
7/1/11		86		7/1/31		1
8/1/11		84		8/1/31		1
9/1/11		83		9/1/31		1
10/1/11		81		10/1/31		1
11/1/11		80		11/1/31		1
12/1/11		78		12/1/31		1
1/1/12		77		1/1/32		1
2/1/12		75		2/1/32		1
3/1/12		74		3/1/32		1
4/1/12		73		4/1/32		1
5/1/12		71		5/1/32		1
6/1/12		70		6/1/32		1
7/1/12		69		7/1/32		1
8/1/12		68		8/1/32		1
9/1/12		66		9/1/32		1
10/1/12		65		10/1/32		1
11/1/12		64		11/1/32		1
12/1/12		63		12/1/32		1
1/1/13		62		1/1/33		1
2/1/13		61		2/1/33		1
3/1/13		59		3/1/33		1
4/1/13		58		4/1/33		1
5/1/13		57		5/1/33		1
6/1/13		56		6/1/33		1
7/1/13		55		7/1/33		1
8/1/13		54		8/1/33		1
9/1/13		53		9/1/33		1
10/1/13		52		10/1/33		1
11/1/13		51		11/1/33		1
12/1/13		50		12/1/33		1

Expected Production

Payne # 8 MV

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/14		49		1/1/34		1
2/1/14		48		2/1/34		1
3/1/14		48		3/1/34		1
4/1/14		47		4/1/34		1
5/1/14		46		5/1/34		1
6/1/14		45		6/1/34		1
7/1/14		44		7/1/34		1
8/1/14		43		8/1/34		1
9/1/14		43		9/1/34		1
10/1/14		42		10/1/34		0
11/1/14		41		11/1/34		0
12/1/14		40		12/1/34		0
1/1/15		40		1/1/35		0
2/1/15		39		2/1/35		0
3/1/15		38		3/1/35		0
4/1/15		37		4/1/35		0
5/1/15		37		5/1/35		0
6/1/15		36		6/1/35		0
7/1/15		35		7/1/35		0
8/1/15		35		8/1/35		0
9/1/15		34		9/1/35		0
10/1/15		34		10/1/35		0
11/1/15		33		11/1/35		0
12/1/15		32		12/1/35		0
1/1/16		32		1/1/36		0
2/1/16		31		2/1/36		0
3/1/16		31		3/1/36		0
4/1/16		30		4/1/36		0
5/1/16		29		5/1/36		0
6/1/16		29		6/1/36		0
7/1/16		28		7/1/36		0
8/1/16		28		8/1/36		0
9/1/16		27		9/1/36		0
10/1/16		27		10/1/36		0
11/1/16		26		11/1/36		0
12/1/16		26		12/1/36		0
1/1/17		25		1/1/37		0
2/1/17		25		2/1/37		0
3/1/17		24		3/1/37		0
4/1/17		24		4/1/37		0
5/1/17		24		5/1/37		0
6/1/17		23		6/1/37		0
7/1/17		23		7/1/37		0
8/1/17		22		8/1/37		0
9/1/17		22		9/1/37		0
10/1/17		22		10/1/37		0
11/1/17		21		11/1/37		0
12/1/17		21		12/1/37		0