900000000000000000000000000000000000000	MO. 03-11300	11	UR5809NP
	WATER RIGHT PROFILE REPORT		IDANO DEPARTMENT OF VATER RESOLUTES
	PAGE:	C316.	DATE:

03/31/95

COOR C INDEPENDENT SCHOOL DISTRICT NO 1 405 COLLINS RD BOISE ID 83702 (208) 338-3420 NAME & ADDRESS DATE 07/24/1991 IRRIGATION PRIORITY WATER USE TOTAL DIVERSION: USE PER100 FROM TO FROM 03-15 11-15 DIVERSION 0.300 CFS RATE 0.300 CFS DIVERSION **VOLUME**

Point(s) of Diversion: Water Source: GROUNDWATER Tributary to: Stage: PERMIT

103N ROZE S25

HENNE

ADA County

Place of use Legal Description for: IRRIGATION

02E 24 : NENE NUNE SURVE SENE : NENU NUNU SURVU SENU R S : Lt Ac Lt A £ Lt Ac Lt Ac Lt Ac Lt Ac NESW NWSW SWSW SESW: NESE NWSE SWSE SESE
Lt Ac 04 01

TOTAL ACRES

5.0

Pou County: ADA

Other Water Rights with Same Point(s) of Diversion and Source: 63-04382 63-04388 63-11225

Other Water Rights Listing Overlapping Place(s) of use: 63-00282 63-02392 63-04388 63-11198A 63-11198B 63-11225

Conditions of Approval:

- date of permit issuance and shall proceed diligently to Project construction shall commence within one year from the

- completion unless it can be shown to the satisfaction of the

Director of the Department of Water Resources that delays were
 due to circumstances over which permit holder had no control.
 Prior to the diversion of water under this right a flow

 measurement port or other device as specified by the Department
 shall be installed to provide for the installation of measuring equipment and the determination of the rate of diversion by the

046 -

- Department.

- Right holder shall comply with the drilling permit

- requirements of Section 42-233, Idaho Code.

- The point of diversion identified in this right is located - within the boundaries of the Boise Front Low Temperature Geothermal Resource Groundwater Management Area. The well

- well. If water with a temperature greater than 85 degrees driller must monitor water temperatures while drilling the

Fahrenheit is encountered by the driller, drilling must
 immediately cease, and the Department must be notified. Drilling
 shall not resume until the Department has reviewed the drilling
 conditions, and established standards for construction with the

No. 63-11566 WR5809NP

IDAHO DEPARTMENT OF WATER RESOURCES WATER RIGHT PROFILE REPORT

DATE: 03/31/95 PAGE: 22

Conditions of Approval:

05A - Use of water under this right is subject to the control of the

- watermaster of Water District 63, Boise River and tributaries.

11E - The Director retains jurisdiction of this right and any

- license subsequently issued to require streamflow augmentation or

other action determined to be appropriate to protect prior
 surface water or ground water rights. Such streamflow

057 augmentation or other action will be required only upon a determination of need and applicability by the Director. The rate of diversion of water for irrigation under this right and all other water rights on the same land shall not exceed

0.03 cubic feet per second for each acre of land.

Dates:

App. Received: 07/24/1991 Proof Due Date: 11/01/1994 Exam Made Date: 11/21/1994 Licensed Date: Priority Date:
Proof Made Date:
Exam Sent to S.O.: 07/24/1991 10/25/1994

Water District Number: 63

Misc:

Subject: Proof of Beneficial Use Royd

Field Exam Fee: R (Received)

Date: 11/14/1994 User-ID: VAULT Proof of Beneficial Use Royd

Comments:

Audit:

08/08/91 GARRETT 10/06/94 SCURTIS 10/25/91 SKAGGS 11/14/94 JYARBROU 11/08/91 SKAGGS 11/12/91 SKAGGS 11/14/94 COMMENTS 11/29/94 STAYLOR

SEBGWMA WELL INVENTORY

Owners Name Independent School sligtrict (Steve Mabe)
Address 2166 E Victory (Riverside stementery)
Telephone
W.R. Number 63-11566
Location: T 3N R 2F S 35 1/4 NE 1/4 NE
Directions to Well:
North on Broadway to Poice Ave. Turn Right on Soice to
law Arive . Turn Left on law drive. Turn fight on virtory,
At the end of victory is Riverside Elementary, underground
pipeline vext to well on Educ of asphall or west and
01 50500/
Diversion Unit Data:
Motor Brand HP Serial #
Pump Brand Serial #
Diversion Unit Data: Motor Brand
System Diagram:

wall Pressure

place polysonic

Here

Pressure

Narrative:	
Got a reading but it	washi a Good one-
Going to 60 back in	the morning and neasure
off the pressure at th	z sprinkelers. Bressurz
Reading from the well in	eside book was 7/psi-
150-160 GAM	
PSTM	50
	:
Measurements	
Measuring equipment Polysonic	Flow Meter
Serial # <u>/5/23</u> /	
Results:	Notes:
	6 × 14.26 PM= 85.26P
	Independent School District
	of Boise City
	Steve Mabe Asbestos Hazardous Waste Co-Ordinator
	405 Collins Road
	Invest in the Future - Support Education
	O minus in the Sucure - Support Education
Maps, Photographs - See Attached: Ye	No
Crava 2- Santon IOWR I	ntern >-25-95
Inspectors Name and Title	Date

```
MODE SELECTION
     PIPE MATERIALS
        West LATTANESE
           THIER LINING ING.
              WIND OF FULLOR
                 TARE IN SENSOR
                       CHANGE
                                   IH I)
                             ZERO HODE CLEAR
                                ZERO HOUE AUT ZERO
                                   SEKU WOOF JEKU OPE
                                      OT 105 STOR LERN
                                         GT GA JASE LERN
                                             07-124. ESTE-1EPM
                                               OT TO ATTEMPT WE
                                                   07-75. 27-E-15FM
                                                     07-75 13:53:65 MR
                                                         THE TELLERY
                                                           OT GE TILE LEEM
                                                              MODE SELECT CHECK
                                                                  olize of whete
                                                                     OTTE 13: 5600 HR
                                                                       With TELETY CHECK
                                                                              or day on ...
```

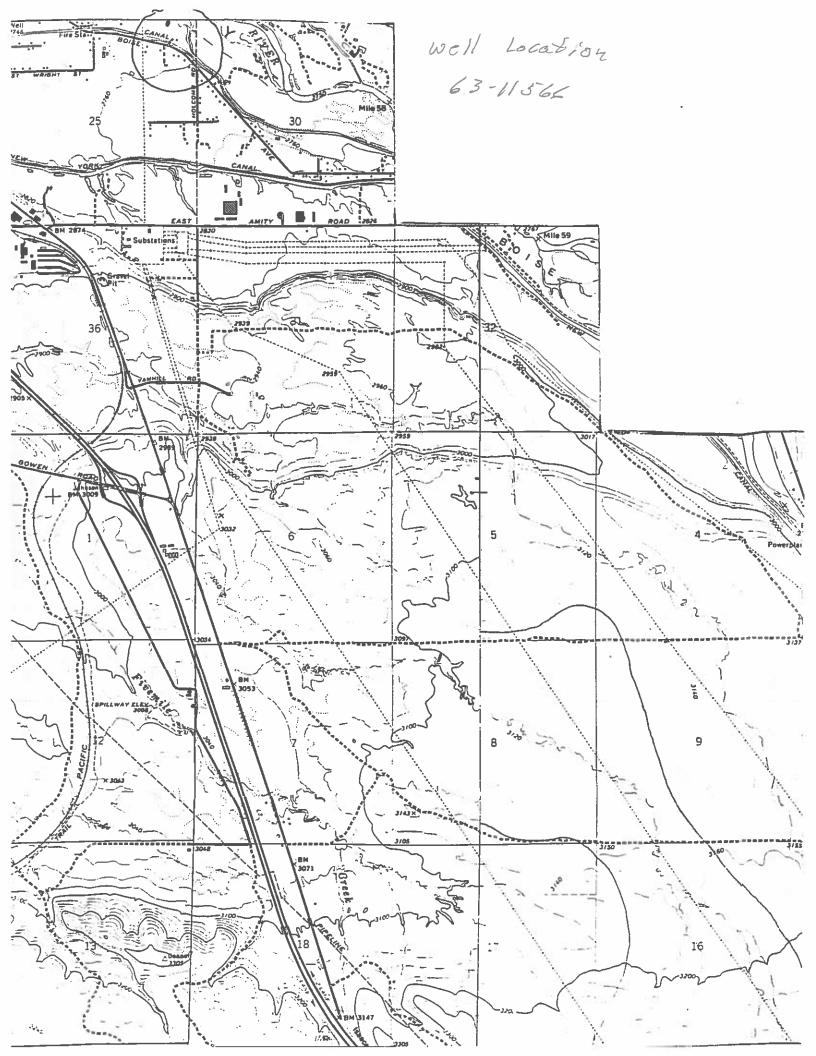
WR # 63-11566 Riverside Ele.



Well + Pump is set underground.



well Location 63-11566 863



WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1	. WELL OWNER BOISE IND. SCHOOL DIST.	7	. WAT	ER LE	VEL				_
	Name	1	Stati	c water	level	22 feet below lar	nd surface		
	Address 1207 FORT STREET BOISE 83702 63-91-W-485		Flow	/ing?	□ Y _€	es 🗆 No G.P.M. flo	w		
	Drilling Permit No.		Arte	sian clo	sed-in	pressurep.s.i.	District		
	Water Right Permit No. 63-11566		Tem	peraturi	υγ: e	OF. Quality artesian or temperature zones	l Plug		
٦	NATURE OF WORK NEW WELL			Des	cribe	artesian or temperature zones	below.		_
ٵ	. NATURE OF WORK	8.	WEL	L TEST	ΓDA	TA W			
	☐ New well ☐ Deepened ☐ Replacement ☐ Well diameter increase		□ P	ump		Bailer 🗆 Air 📮	Other		
	Abandoned (describe abandonment procedures such as		Dischar	ge G.P.N	1.	Pumping Level	Hours Pu	ımped	, –
	materials, plug depths, etc. in lithologic log)	<u> </u>	145			134	9		
3	PROPOSED USE IRRIGATION	┨──		<u></u> .	_				
	☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection	9.	LITH	loLog	IC LC	OG			
	Other (specify type)	Bore		pth	Ţ			Wa	ite
_		_		То	-	Material	<u> </u>	Ye	s
4	. METHOD DRILLED REVERSE ROTARY	-24			TO	PSOIL		-	t.
	☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary		3	<u> </u>	-sa	ND			ľ
	☐ Cable ☐ Dug ☐ Other		8-	 6.8	SA	ND GRAVEL ROCK		x-	Ť.
	WELL CONSTRUCTION SEE ATTACHED		68	82	-GR	AY GLAY NE TO CRSE SANE		l ,	k
.	THE SOME THOUSAND		85	95	GR	AY CLAY	— « -	*	Ţ
	Casing schedule: Steel Concrete Other		95	102	FI	NE TO CRSE SAN E		X-	Ľ
	Thickness Diameter From To inches inches + feet feet		102	113	CE	MENTED GRAVEL - AY CLAY & SHAL E			×
	inches inches feet feet	<u> </u>	135	145	FI	NE TO CRSE SAND	Œ.	X	Ľ
	inches feet feet		145	155	-BRI	AY CLAY W/ SAND		<u> </u>	ķ
	mas casing drive shoe used? ☐ Yes ☐ No ☐ feet fee	- 3	155	158	BRI	N CLAY W/ SAND			ĸ
	Was a packer or seal used? ☐ Yes 🌣 No	<u> </u>	169	175	13 (5)	VE TO CRSE SAND V CLAY W/ CRSE		X	
	Perforated? ☐ Yes 払 No		175	178	Fi	VE TO CRSE SAND	011140	X	F
	How perforated?					TY SANDY CLAY			×
	Number From To)도로스 연결기	235	- F 17	N <mark>E TO CRSE SAND</mark> NY CLAY W/ CRSE	Carleir	X	
	perforations feet feet		235	245	Fil	VE TO CRSE SAND	W/GRAV	<u>, </u>	Ĥ
	perforations feet feet feet		245	270	GRA	TY CLAY	· · · · · ·	 -	*
	Well screen installed? IX Yes INO		276	3-5	TIT SAFE	NE TO CRSE SAND TY CLAY	W/GRAV	Х	
	Manufacturer's name ROSCOE MOSS					VD & GRAVEL		X	Ě
	Type					NDY CLAY			K
	Diameter Slot size Set from feet to feet		327	358	GKF	IVEL & BUULDERS		X	
	Gravel packed? Yes No Size of gravel 3/A								-
	Placed from <u>258</u> feet to <u>78</u> feet Surface seal depth <u>28</u> Material used in seal: □ Cement grout			Dyl.	11.	ISIM//APPRA			_
	☐ Bentonite X☐ Puddling clay ☐			3.4 15	1	(A) [1]			
	Sealing procedure used: 🔲 Slurry pit 🗀 Temp. surface casing			1 /844	100				
					JAN	1 1 3 1992 - C. C.			Г
	Weld			(E)	100	I water Eyrources			
	☐ Cemented between strata			li as	n 74 j.;	- Asher masolaces			_
	Describe access port 2" PIPE	10.	□ Wo						
_				K 2falfi	eu <u>12</u>	2/18/91 finished	12/30/	49.1	_
6.	LOCATION OF WELL	11.	DRIL	LERS (CERT	TFICATION			
	Sketch map location must agree with written location. N		I/We	certify	that a	all minimum well constru	ction standard	ds we	:re
	Subdivision Name	1	compli	ed with	at th	ne time the rig was remove	d.		
			Firm N	lame_E	TE	COPE DRILLING	n No. 213	3	
	W E								-
	Lot No Block No	•	Addres	<u>.ഉ.പമാ</u>	W.	CHINDEN Dat	e 1/2/	91	_
		!	Signed	by (Fir	m Of	fficial) (assess)	~~~		
C-	S untyADA		-		and	7 3 7			_
	only			(0		tor) Levin (he	2/1/19/14		
_	NW % NE % Sec. 25 , T. 3NS O R. 2E W O			,,	· ·	·	THE VICE I	•	-

BOISE INDEPENDANT SCHOOL DISTRICT 1207 FORT STREET BOISE ID 83702 Permit# 63-91-W-485

10"casing	record	.250	wall	welded
-----------	--------	------	------	--------

1	_	158	159
168	-	215	47
225		330	105
350	-	358	8

319 total casing

10" Screen record .30 slot Stainless Roscoe Moss Continous w
158 - 168 10
215 - 225 10
330 - 350 20

40 total screen

359 total screen+casing

I-40, I-41' group Performance Charts

-		Radius		Prec	ip.
Nozzie	PSI	ft.	GPM		A .
THE PARTY	40	45'	7.0	.33	.38
40	50	46'	8.0	.36	.42
40	60	48	8,5	.36	.41
	50	52'	10.2	.36	.42
4.4	60	53'	11.5	.39	.46
41	70	54'	12.6	.42	.48
- 11	80	55'	13.5	.43	.50
THE REAL PROPERTY.	50	53'	11.0	.38	44
40	60	55'	12.3	.39	.45
42	70	57	13.5	.40	.48
	80	59'	14.4	,40	.46
ACC CONTRACTOR	50	58'	14.2	.41	.47
40	60	59'	15.5	.43	.49
43	70	61'	16.3	.42	.49
	80	63'	18.1	.44	.51
PAGESTA	60	65'	20.0	.46	.53
AA	70	66'	21.8	.48	.56
44	80	681	23.8	.50	.57
	90	69'	24.9	.50	.58
in Secretary Cons	60	69'	22.0	.44	.51
4 5	70	72'	24.3	.45	.52
45	80	73'	25.9	.47	.54
• •	90	74'	27.5	.48	.50

Data represent lest results in zero wind, Adjust for local conditions. Radius may be reduced up to 30% with nozzle retaining screw. (This may after the uniformity of the spray pattern.)

■ Denotes square spacing.

■ Denotes equilateral triangular spacing.

	-	nce Ch		Pred in./	
Nozzle	PSI	ft.	GPM		A III A A
3000	40	41'	7.0	.40	.46
40	50	42'	8.0	.44	.50
40	60	42'	8.5	.46	.54
and the second second	50	44'	10.2	.51	.59
4.4	60	44'	11.5	.57	.66
41	70	45'	12.6	.60	.69
	80	46'	13.5	.61	.71
-	50	46	1110	.50	.58
42	60	47	12.3	.54	.62
	70	49'	13.5	.54	.62
No. or other	80	50!	14.4	.55	.64
- Control of	50	51'	14.2	.53	.61
	60	52'	15.5	.55	.64
43	70	52'	16.3	.58	.67
TU	80	53'	18.1	.62	.72
CONTRACTOR OF THE PARTY OF THE	60	58	20.0	.57	.6
	70	58	21.8	.62	.73
44	80	60'	23.8	.64	.7
	90	60"	24.9	.67	.7
The Control	60	60'	22.0	.59	.6
45	70	62'	24.3	.61	.7
	80	64'	25.9	.61	.7
10	90	65'	27.5	.63	.7

Data represent test results in zero wind. Adjust for local conditions. Radius may be reduced up to 30% with nozzle retaining screw. (This may after the uniformity of the spray pattern

III.	Denotes square spacing	
III	Concrete equilisteral triangular spacing	3.

-		nce Ch		Prec	io.
Nozzie	PSI	Radius ft.	GPM	in./l	nr.
	40	45'	7.0	.33	.38
40	50	46"	8.0	,36	.42
TU	60	48'	8.5	.36	.41
The same of	50	52'	10.2	.36	.42
4.4	60	53'	11.5	.39	.46
41	70	54'	12.6	.42	.48
	80	55'	13.5	.43	.50
	50	53'	11.0	.38	.44
42	60	55'	12.3	.39	.45
	70	57	13.5	.40	.46
	80	59"	14.4	.40	.46
-	50	58'	14.2	.41	.47
	60	59"	15.5	.43	.49
43	70	61'	16.3	.42	.49
10	80	63'	18.1	.44	.51
A CONTRACTOR	60	65'	20.0	.46	.53
44	70	66'	21.8	.48	.56
44	80	68'	23.8	.50	.57
	90	69	24,9	,50	,58
and the second	60	69'	22.0	.44	.51
15	70	72'	24.3	.45	.52
45	В0	73'	25.9	.47	.54
17	90	74'	27.5	.48	.56

Data represent test results in zero wind. Adjust for local conditions. Radius may be reduced up to 30% with nozzie retaining screw (This may after the uniformity of the spray pattern.)

Denotes square spacing.

Denotes equilateral triangular spacing.

6 X 14.2 GPM = 85.2 GPM

To identify I-40 nozzles

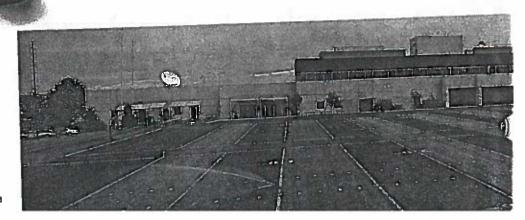
Count the number of ridges embossed on each different I-40 nozzle—or add our snap-on identifier buttons to the top of each rubber cover.

Better yet, we'll do the snapping at the factory. Free.



Note: Precipitation rates shown in the Performance Charts are for

reference only. Actual rates should be calculated. Performance data are derived from tests that conform to ASAE Standard



PRINKLERS

27AP/27A Performance

Pressure psi	Nozzie	Radius It.	Flow GPM	*Precip.m in/h	*Precip.▲ In/h
40	9		3	No. 146	-,
#	1041	4.4	.50	.40	1500
	11	42	5.3	.58	.46
3	12	42	6.3	.69	.55
50	9	41	3.9	.45	.36
W. C.	#10	42	4.9	.54	.43
	11	43	5.9	.61	.49
	12	44	7.0	.70	.56
60	9	42	4.3	.47	.38
1.70	±10	42	5.4	.59	.47
	11	43	6.5	.68	.54
	12	45	7.7	.73	.59
70	9	42	4.6	.50	.40
	±10	43	5.8	.60	.48
	11	44	7.0	.70	56
	12	-	-	-	_
80	9	43	4.9	.51	.41
	#10	44	6.2	.62	.49
	11	45	7.5	.71	.57
	12	_	-	-	

37AP/37A Performance

Pressure psi	Nozzie	Radius It.	Flow GPM	*Precip. s in/h	*Precip.▲ in/h
40	12	March -	-	-	-
	13	43	. 7.3	.76	.61
	#14	43	8.4	.87	.70
	15	44	9.6	.96	.77
50	12	44	7.0	.70	.56
	13	44	8.2	.82	.65
	±14	45	9.4	.89	.72
	15	45	10.8	1.03	.82
60	12	45	7.7	.73	.59
	13	45	9.0	.86	.69
	±14	46	10.4	.95	.76
	15	46	11.8	1.07	.86
70	12	46	8.3	.76	.61
	13	46	9.8	.89	.72
	±14	47	11.3	.99	.79
	15	47	12.8	1.12	.89
80	12	47	8.9	.78	.62
	13	47	10.5	.92	.73
	±14	48	12.1	1.01	.81
	15	48	13.7	1.15	.92

Performance data derived from tests that conform with ASAE Standards: ASAE S398.1. See page 6 for complete ASAE Test Certification Statement.

47AP/47A Performance

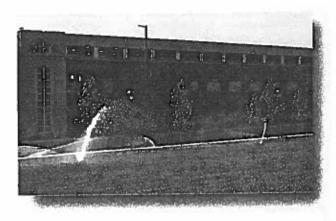
Pressure psi	Nozzie	Radius ft.	Flow GPM	*Precip.m in/h	*Precip.a in/h
60	14	54	10.8	.71	.57
	15	55	12.7	.81	.65
->	#18	58	14.0	.86	.69
	17	57	15.5	.92	.74
	18	57	17.6	1.04	.84
70	14	56	11.7	.72	.58
	15	57	13.9	.82	.66
	‡16	58	15.2	.87	.70
	17	59	17.1	.95	.76
	18	59	19.1	1.06	.85
80	14	57	12.6	.75	.60
	15	58	14.9	.85	.68
->	±15	59	15.4	.91	.73
	17	60	18.6	1.00	.80
	18	61	20.5	1.06	.85
90	14	59	13.4	.74	.59
	15	60	15.9	.85	.68
	#16	81	17.3	.90	.72
	17	62	20.0	1.00	.80
	18	63	21.8	1.06	.85
100	14	60	14.2	.76	.61
	15	61	16.9	.87	.70
	‡16	62	18.3	.92	.74
	· –	-	17	-	-
	_	_	18	-	-

*Precipitation Pates based on half circle operation.

S Square spacing based on 50% diameter of throw.

A Triangular spacing based on 60% diameter of throw.

\$ Standard Mozzle Stae



WATER RIGHTS WITHIN THE SEBGWMA WITH MEASUREMENT REQUIREMENT

WR #	Name	Stage	CFS	Measuring Devise	Well Lc
63-03118	IDAHO POWER	License	1.4	OPTION 1	no
63-03197	IDAHO POWER	License	0.51	OPTION 1	no
63-03544	IDAHO POWER	License	2.67	OPTION 1	no
63-03416	TRUS JOIST MACMILLAN	License	0.56	OPTION 1	no
63-07304	THINDERBIRD DEV.	License	0.36		no
63-07199	EMKAY DEV	LICENSE	1.09	OPTION 1	no
63-08006	GRANGER	LICENSE	0.82	OPTION 2	no
63-11546	CROMAN CORP	LICENSE	0.29	OPTION 1	no
63-11610	SIMPLOT	PERMIT	1.1	OPTION 1	YES
63-11566	IND. SCHOOL DIST	PERMIT	0.3	OPTION 1	YES
63-12062	IND. SCHOOL DIST	PERMIT	0.22	OPTION 1	no
63-07577	BOISE WATER CORP	LICENSE	2.01	OPTION 1	YES
63-08236	BOISE WATER CORP	LICENSE	3.63	OPTION 1	YES
63-08992	BOISE WATER CORP	PERMIT	7	OPTION 1	no
L63-08992	BOISE WATER CORP	LICENSE	1.97	OPTION 1	no
63-09029	BOISE WATER CORP	PERMIT	4	OPTION 1	no
63-11541	BOISE WATER CORP	PERMIT	2.9	OPTION 1	YES
63-11949	BOISE WATER CORP	PERMIT	1.1	OPTION 1	YES
63-10208	MICRON TECHNOLOGY	LICENSE	0.61	OPTION 1	YES
63-11293	MICRON TECHNOLOGY	PERMIT	2.25	OPTION 1	YES