

**PRESCRIBED BURNING MANAGEMENT PLAN**

Ranch/Farm	<u>Tony Cain</u>	Acres to be burned	<u>96.2 acres</u>
Pasture/Field	<u>Pasture #1</u> Name and Number	Class of burn	<u>Ib</u>

**I. SPECIAL OBJECTIVES TO BE ACCOMPLISHED THROUGH THE PRESCRIBED BURN :**

Renovate rangeland and improve forage production and quality and remove old growth.

**II. GRAZING MANAGEMENT OBJECTIVES NEEDED TO ACCOMPLISH THE PRESCRIBED BURN AND MEET OBJECTIVES :**

**A. Preburn :**

Defer pasture during the growing season prior to burn to produce a minimum of 2,000 lbs/ac. Fine fuel.

**B. Postburn :**

Defer pasture till September 1 of current year.

**III. FIRE MANAGEMENT PLAN**

**A. Fire Boss :** Tony Cain

**B. Type and dimensions of fireguards and blacklines :**

Fireguards will be a minimum of 10 ft. wide bladed to mineral soil using a bulldozer, tandem or maintainer, spoil will be rolled to the outside. No grass bridges will be left in fireguard.

**C. Firing method for blacklines and main fire (type of ignition, direction of torch movement, etc.) :**

Drip torch crew will begin at ignition points and proceed in the direction of arrows on map. Backfires and flank fires will be ignited right along the edge of the fireguard. Torches will continue in the direction of the arrows as shown with flapper crews following behind patrolling fireguards. Backfires and flankfires will be allowed to burn approx. 100 feet or more before headfire ignition commences. Headfire will be ignited along fireguard and will proceed in direction of arrows as shown on map.

**D. Plan of action should fire jump fireguard and/or blacklines or wind change direction :**

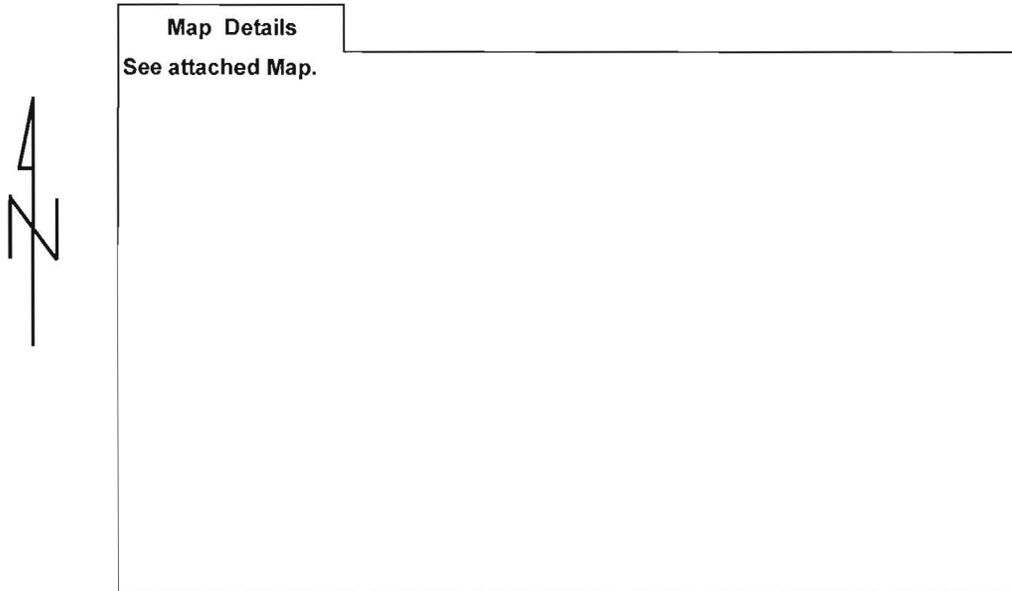
All ignition will cease.

\* Refer to Attachment A ( Spotfire Attack)

Fireboss will contact the local dispatcher for emergency assistance.

Prescribed Burning Management Plan (continued)

E. Map : (include items such as legend, water sources, roads, gates, north arrow and smoke mgt. if necessary)



Prescribed Burning Management Plan (continued)

F. Projected dates of preparation or burning

	<u>Fireguard</u>		<u>Blacklines</u>		<u>Prescribed Burn</u>
1. Planned :	From <u>3/2/11</u> to <u>3/7/11</u>		From <u>3/4/11</u> to <u>3/18/11</u>		From <u>3/4/11</u> to <u>3/18/11</u>
2. Actual :	From _____ to _____		From _____ to _____		From _____ to _____

G. Time of day to burn

	<u>Blacklines</u>	<u>Prescribed Burn</u>
1. Planned :	<u>9:00 am - 11:00pm</u>	<u>11:00 pm- 3:00 pm</u>
2. Actual :	_____	_____

H. Weather conditions (Prescription)

1. Wind

	<u>Blacklines</u>		<u>Prescribed Burn</u>
a. Velocity Needed	<u>6-12 mph</u> Actual _____		Needed <u>3-20 mph</u> Actual _____
b. Direction Needed	<u>S - SW</u> Actual _____		Needed <u>S -SW</u> Actual _____

2. Relative Humidity

	<u>Blacklines</u>		<u>Prescribed Burn</u>
a. Needed	From <u>40</u> % to <u>85</u> %		From <u>20</u> % to <u>80</u> %
b. Actual	From _____ % to _____ %		From _____ % to _____ %

3. Air Temperature

	<u>Blacklines</u>		<u>Prescribed Burn</u>
a. Needed	From <u>25</u> ° F to <u>60</u> ° F		From <u>25</u> ° F to <u>80</u> ° F
b. Actual	From _____ ° F to _____ ° F		From _____ ° F to _____ ° F

Prescribed Burning Management Plan (continued)

4. Forecast

National Weather Service Number

Weather forecast - (24 hour, day of burn)

Weather forecast - (3 days before and after burn)

5. Moisture

Blacklines

- a. Soil Surface (enter Dry, Damp, or Wet)
- b. Soil Subsoil (enter Dry, Damp, or Wet)

Needed	Actual		
Dry	Dry	Damp	Wet
Damp	Dry	Damp	Wet

Prescribed Burn

- a. Soil Surface (enter Dry, Damp, or Wet)
- b. Soil Subsoil (enter Dry, Damp, or Wet)

Needed	Actual		
Dry	Dry	Damp	Wet
Damp	Dry	Damp	Wet

I. Fine fuel conditions

Blacklines

- 1. Amount (lbs./ac.)
- 2. Continuity (enter Good, Fair, or Poor)
- 3. Fine Fuel Moisture %
- 4. Dry Woody Fuel Moisture %
- 5. Green Juniper Moisture %

Planned                      Actual

Planned	Actual
2000 + lbs/ ac.	
Good	
6% - 9%	
7%-12%	
N/A	

Prescribed Burn

- 1. Amount (lbs./ac.)
- 2. Continuity (enter Good, Fair, or Poor)
- 3. Fine Fuel Moisture %
- 4. Dry Woody Fuel Moisture %
- 5. Green Juniper Moisture %

Planned                      Actual

Planned	Actual
2000 + lbs/ ac.	
Good	
6% - 9%	
7%-12%	
N/A	

Prescribed Burning Management Plan (continued)

**J. Equipment checklist**

1. Pumper truck	<u>1</u>
2. Drip torch(es)	<u>4</u>
3. Fire weather kit	<u>2</u>
4. Tractor / Maintainer	<u>1</u>
5. Two-way radios	<u>12</u>
6. Gas (40%) Diesel (60%)	<u>4 gal.</u>
7. Chain Saw	<u>1</u>
8. Flappers	<u>3</u>
9. Drinking Water	<u>15 gal.</u>
10. Livestock sprayers	<u>1</u>
11. Sprayer Fuel	<u>2 gal.</u>
12. Rake(s)	<u>2</u>
13. Flagmen	<u>2</u>
14. Flags for flagmen	<u>2</u>
15. NOAA radio	<u>No</u>
16. Matches or lighter (Strike anywhere)	<u>All</u>
17. Backpack Sprayers	<u>2</u>
18. All cotton clothing	<u>All</u>
19. Shovel(s), pliers	<u>2</u>
20. Cellular phone	<u>2</u>

**K. Preburn protection needs**

1. Remnant Livestock	<u>N/A</u>
2. Feeders	<u>N/A</u>
3. Pens and Barns	<u>N/A</u>
4. Utility Poles	<u>N/A</u>
5. Oil / gas / pipelines	<u>N/A</u>
6. Fences	<u>N/A</u>
7. Hunting Facilities	<u>N/A</u>
8. Headquarters	<u>N/A</u>
9. Desirable wooded areas	<u>N/A</u>
10. Windmills	<u>N/A</u>
11. Water Storage Facilities	<u>N/A</u>
12. Special habitat areas	<u>N/A</u>
13. Haystacks	<u>N/A</u>
14. Equipment	<u>N/A</u>
15. Liability Insurance	<u>N/A</u>
16. Critically eroding areas	<u>N/A</u>
17. Livestock working facilities	<u>N/A</u>
18. Vehicles	<u>N/A</u>
19. Inspection of fireguards	<u>Yes</u>
20.	<u></u>

Remarks :

The numbers indicated above are minimum amounts. All burn crew members will wear flame resistant clothing (either cotton or wool), long sleeve shirts, and leather gloves and boots. Polyester or nylon will not be worn.



Prescribed Burning Management Plan (continued)

Name

Phone Number

Date Notified

2. Fire Departments

<u>Name</u>	<u>Phone Number</u>	<u>Date Notified</u>

3. Sheriff's Department

<u>Name</u>	<u>Phone Number</u>	<u>Date Notified</u>
Tom Green County	325-655-8111	

4. Utility Companies

<u>Name</u>	<u>Phone Number</u>	<u>Date Notified</u>

5. Oil and Gas Leases

<u>Name</u>	<u>Phone Number</u>	<u>Date Notified</u>

6. Texas Forest Service (Required in MLRAs 133B, 152)

<u>Name</u>	<u>Phone Number</u>	<u>Date Notified</u>



Prescribed Burning Management Plan (continued)

O. Reviewed and approved

1. Planned by :

Grant Lepluet  
Conservationist

1-30-14  
Date

2. Approved by :

Grant Lepluet RMS  
Name Title

1-30-14  
Date

P. This is to certify that the Natural Resources Conservation Service has informed me that I could be liable for damages resulting from this prescribed burn and the cost of fire suppression should the fire escape from the designated area.

\_\_\_\_\_  
Name

\_\_\_\_\_  
Date

Customer(s): TONY CAIN  
Approximate Acres: 197.6

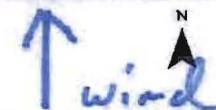
### Burn Plan Map

Field Office: San Angelo  
Agency: USDA-NRCS  
Assisted By: GRANT TEPLICEK

Date: 11/20/2013



Legend  
Polygon Layer



# Burn Plan Map

Date: 11/20/2013

Customer(s): Tony Cain  
Approximate Acres: 197.6

Field Office: San Angelo  
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## Legend



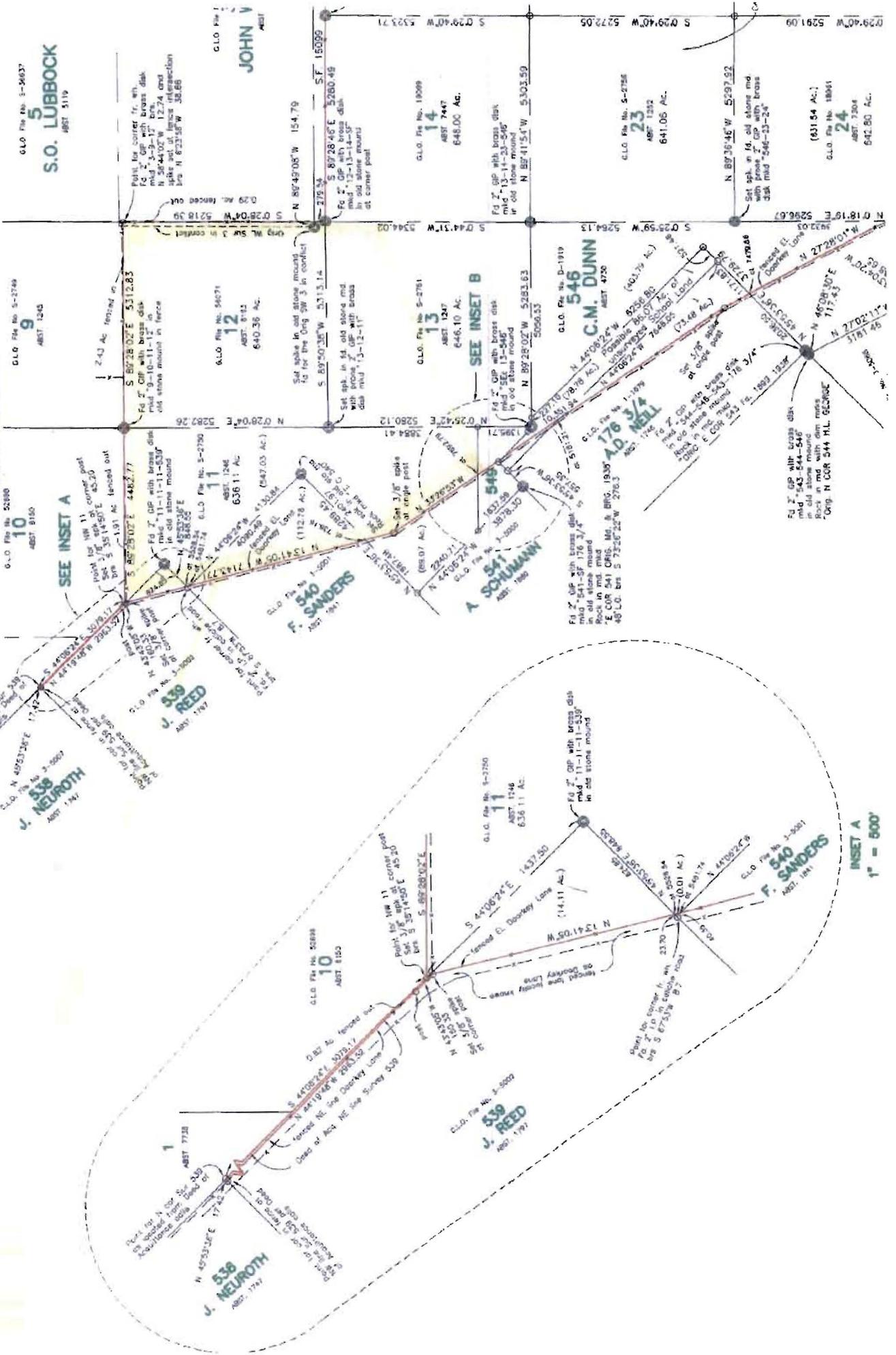
 Polygon Layer

5,280 0 5,280 Feet

N



REFERENCE  
 Boundary Agreement  
 Vol. 312 p.76 D.P. 12-9-1953  
 (survey lines control boundary)



G.L.O. File No. S-36037  
**S.O. LUBBOCK**  
 ABST. 5119

G.L.O. File No. 15099  
**JOHN V**  
 ABST.

G.L.O. File No. S-2746  
**9**  
 ABST. 1243

G.L.O. File No. S-2880  
**10**  
 ABST. 8150

G.L.O. File No. S-2751  
**12**  
 ABST. 8142  
 640.36 Ac.

G.L.O. File No. S-2750  
**11**  
 ABST. 1246  
 636.11 Ac.

G.L.O. File No. S-2751  
**13**  
 ABST. 1247  
 646.10 Ac.

G.L.O. File No. S-2750  
**14**  
 ABST. 1248  
 648.00 Ac.

G.L.O. File No. S-2756  
**23**  
 ABST. 1252  
 641.05 Ac.

G.L.O. File No. 18841  
**24**  
 ABST. 2304  
 642.80 Ac.

G.L.O. File No. D-1919  
**546**  
 ABST. 4750

G.L.O. File No. 1-1-199  
**176 3/4**  
 AD. NELL  
 ABST. 1746

G.L.O. File No. 1-3-190  
**F. SANDERS**  
 ABST. 1841

G.L.O. File No. 1-3-190  
**A. SCHUMANN**  
 ABST. 1840

G.L.O. File No. S-2750  
**549**  
 ABST. 1249

G.L.O. File No. 1-3-190  
**541**  
 ABST. 1840

G.L.O. File No. S-2750  
**545**  
 ABST. 1245

G.L.O. File No. S-2750  
**543**  
 ABST. 1243

G.L.O. File No. S-2750  
**544**  
 ABST. 1244

G.L.O. File No. S-2750  
**542**  
 ABST. 1242

G.L.O. File No. S-2750  
**540**  
 ABST. 1240

G.L.O. File No. S-2750  
**539**  
 ABST. 1239

G.L.O. File No. S-2750  
**538**  
 ABST. 1238

G.L.O. File No. S-2750  
**537**  
 ABST. 1237

G.L.O. File No. S-2750  
**536**  
 ABST. 1236

G.L.O. File No. S-2750  
**535**  
 ABST. 1235

G.L.O. File No. S-2750  
**534**  
 ABST. 1234

G.L.O. File No. S-2750  
**533**  
 ABST. 1233

G.L.O. File No. S-2750  
**532**  
 ABST. 1232

G.L.O. File No. S-2750  
**531**  
 ABST. 1231

G.L.O. File No. S-2750  
**530**  
 ABST. 1230

G.L.O. File No. S-2754  
**WM. SCHERZ**  
 ABST. 7734

G.L.O. File No. S-2750  
**J. NEUROTH**  
 ABST. 1747

G.L.O. File No. S-2750  
**J. REED**  
 ABST. 1747

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INSET A  
 1" = 800'