


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-039-25431

1a. Type of Work DRILL	RECEIVED JUN 10 1994	5. Lease Number NM-03862
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL OIL CON. DIV. 14538		7. Unit Agreement Name San Juan 28-4 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	DIST. 3	8. Farm or Lease Name 1459 San Juan 28-4 Unit 9. Well Number 201
4. Location of Well 1080' FNL, 890' FEL Latitude 36° 39' 58", Longitude 107° 17' 05"		10. Field, Pool, Wildcat Basin Ft Coal/ 71629 77440 Gobernador Pic. Cliffs 11. Sec., Twn, Rge, Mer. A Sec 18, T-28-N, R-4-W NMPM
14. Distance in Miles from Nearest Town 7 miles to Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 890'		
16. Acres in Lease	17. Acres Assigned to Well N/ 319.48/160 N/2 NE/4	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 120'		
19. Proposed Depth 4725'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc) 7513'	22. Approx. Date Work will Start 3rd quarter 1994	
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
24. Authorized by:  Regional Drilling Engineer	Date 4/20/94	

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

Note: APD approved 09-05-89 at 1880'N, 1340'E and rescinded. Moved to existing well pad

NMOCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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JUN 11 1994

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
MERIDIAN OIL

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
4 1080'FNL, 890'FEL Sec.18, T-28-N, R-4-W, NMPM

5. Lease Number
NM-03862

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
San Juan 28-4 Unit

8. Well Name & Number
San Juan 28-4 U 201

9. API Well No.
30-039-

10. Field and Pool
Gobernador PC Ext/
Basin Ft Coal

11. County and State
Rio Arriba Co, NM

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

Type of Submission

Type of Action

<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input checked="" type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injectio
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

The cement design on this well is changed from a two-stage production job to a foamed cement job. It is planned to complete this well rigless; therefore, no stage tools can be used. The tail slurry will be the same as in the original Operations Plan as submitted: 100 sx Class "B" w/2% calcium chloride and 0.25 pps cellophane flakes (15.6 ppg, 1.18 cu.ft./sx, 5.2 gal/sx).

The lead slurry will consist of: Class "B" cmt w/0.035 gal/sx foam stabilizer, 1.5% foaming agent, 2% calcium chloride and 0.25 pps cellophane flakes. This slurry will be foamed using 18,290 SCF of N2 to a 7.5 ppg weight. 376 sx of unfoamed slurry will be used (976 cu.ft. of foamed slurry). This slurry should give a better bond strength than a Pozmix lead slurry.

Meridian Oil, as a prudent operator, recognizes the responsibility to test for cement job success. Any remedial work, if necessary, will be approved through the appropriate regulatory agency.

RECEIVED

JUN 10 1994

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

Signed [Signature] Title Regulatory Affairs Date 5/9/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED
AS AMENDED

JUN 08 1994

DISTRICT MANAGER

NM00D

Submit to Assembler
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer 00, Aramis, NM 88210

DISTRICT III
1000 Rio Grande Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MERIDIAN OIL INC.		Lease SAN JUAN 28-4 UNIT		Well No. 201
Unit Letter A	Section 18	Township 28 NORTH	Range 4 WEST	County NMPM RIO ARRIBA
Actual Footage Location of Well: 1080 feet from the NORTH line and 890 feet from the EAST line				
Ground level Elev. 7513	Producing Formation Fruitland Coal/Pic.Cliffs	Foot Basin/Gobernador EXT	Dedicated Acreage: 319.48/160 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or inkline marks on the plat below.</p> <p>2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation <u>unitization</u> If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No acreage will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p>				

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Peggy Bradfield
Signature

Peggy Bradfield
Printed Name

Regulatory Representative
Position

Meridian Oil Inc.
Company

4-19-94
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was placed from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

1/14/94

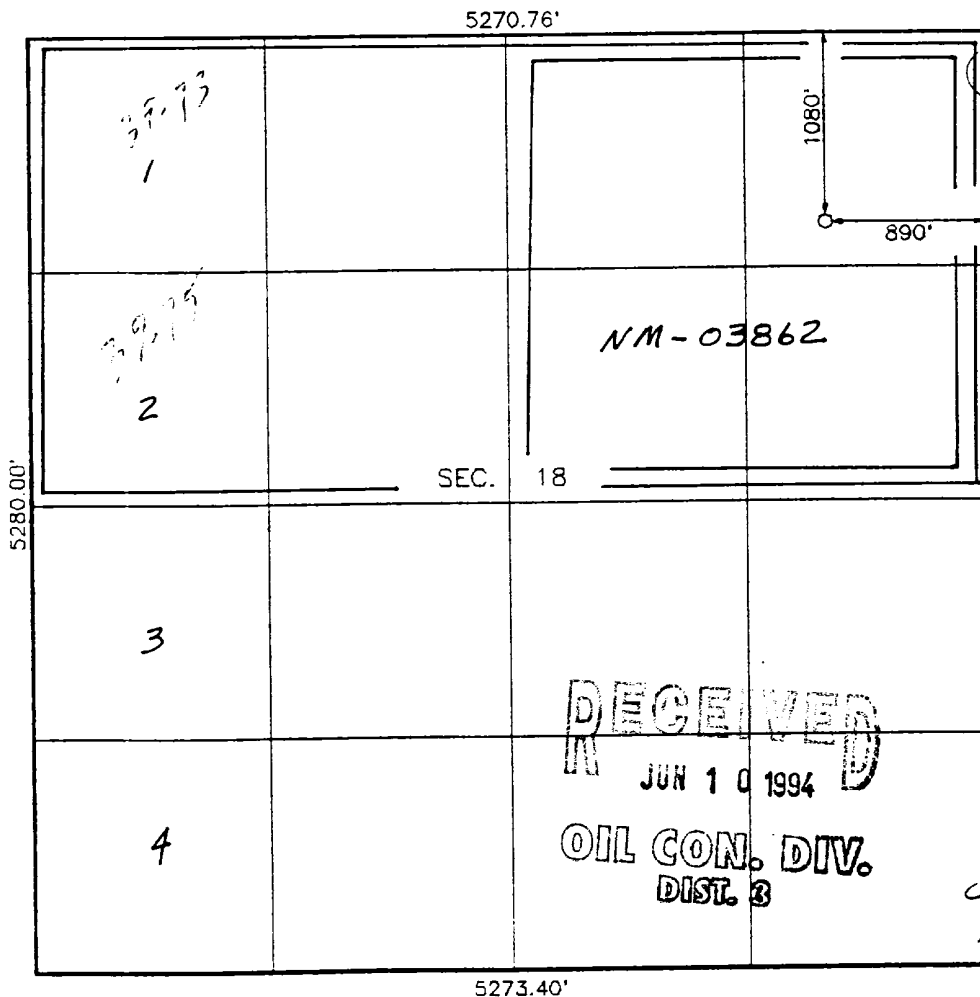
Date Surveyed: C. EDWARDS
Name: C. EDWARDS

Surveyor's Seal
Professional Surveyor

9857

[Signature]
C. EDWARDS

6857



OPERATIONS PLAN

Well Name: San Juan 28-4 Unit #201
Location: 1080'FNL, 890'FEL Section18, T-28-N, R-4-W
 Rio Arriba County, New Mexico
 Latitude 36° 39' 58", Longitude 107° 17' 05"
Formation: Basin Fruitland Coal/Gobernador Pictured Cliffs
Elevation: 7513'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	3760'	
Ojo Alamo	3760'	3990'	aquifer
Kirtland	3990'	4210'	
Fruitland	4210'	4388'	
Fruitland Coal Top	4290'	4385'	gas
Pictured Cliffs	4388'		gas
Lewis	4673'		gas
Total Depth	4725'		

Logging Program: Mud logs from 3800' to Total Depth
 DIL-GR-SP - surface to Total Depth
 GL-GR-SP-CAL/Dens-Neut-GR-CAL - 3750' to Total Depth

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-4725'	Non-dispersed	8.4-9.5	30-60	no control

Casing Program:

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0 - 200'	8 5/8"	24.0#	K-40
7 7/8"	0 - 4725'	4 1/2"	10.5#	K-55

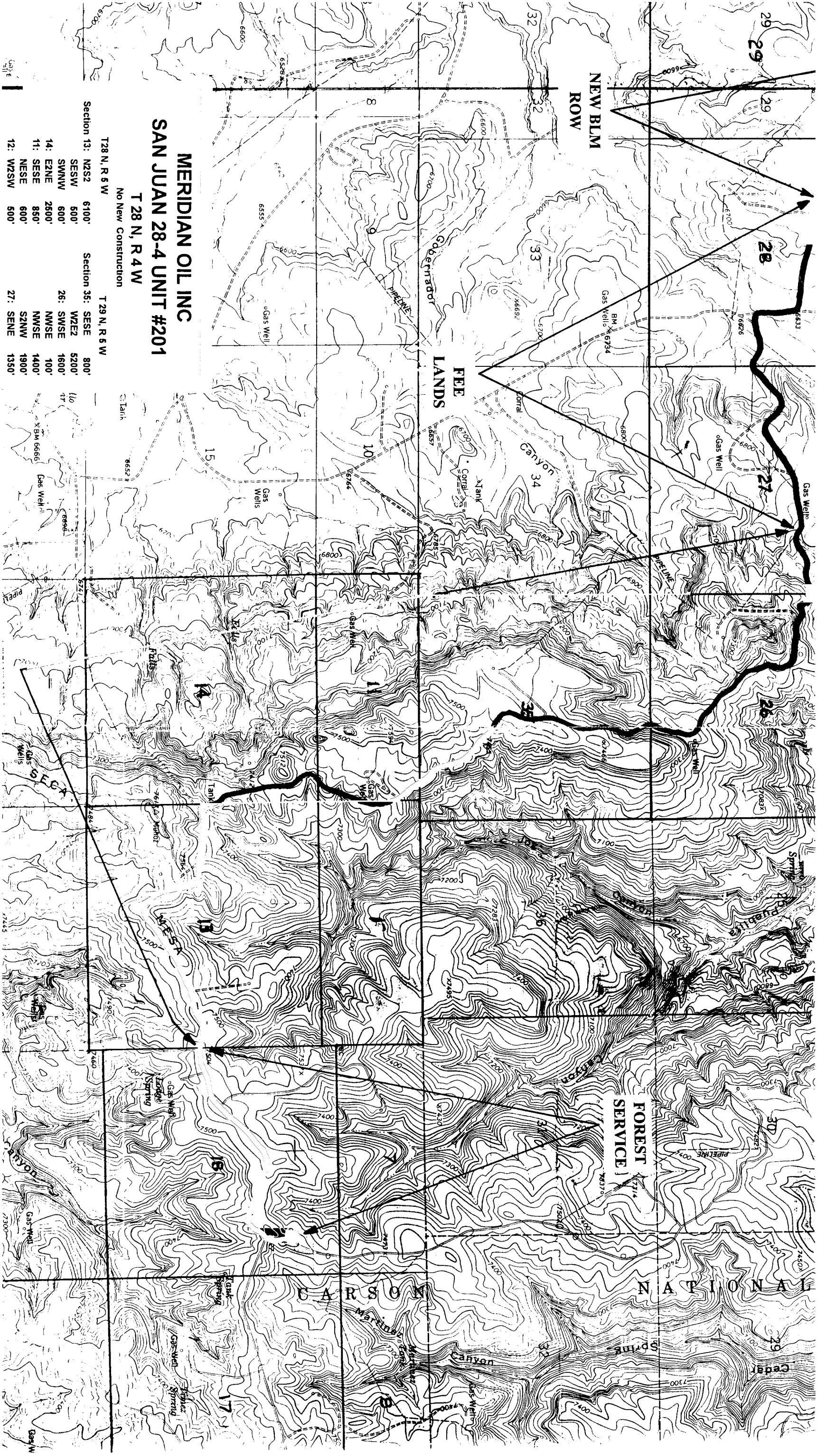
Tubing Program:

0 - 4725'	2 3/8"	4.7#	J-55
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Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Four centralizers run every 3rd joint to the base of the Ojo Alamo @ 3990'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 3990'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 4 1/2" x 2 3/8" x 11" 2000 psi xmas tree assembly.



MERIDIAN OIL INC
SAN JUAN 28-4 UNIT #201

T 28 N, R 4 W
No New Construction

T 28 N, R 5 W

T 29 N, R 5 W

Section 13: N2S2		Section 35: SESE	
SESW	600'	W2E2	800'
SWNW	600'	SWSE	5200'
14: E2NE	2600'	26: SWSE	1600'
11: SESE	850'	NWSE	100'
12: W2SW	600'	NWSE	1400'
		S2NW	1900'
		27: SENE	1350'

Scale
0 1 2 Miles