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CONSERVATION DIVISION
SANTA FE

JICARILLA
ARCHAEOLOGICAL
SERVICES



David Catanach
New Mexico Oil & Gas Commission
P.O.Box 2088
Santa Fe, New Mexico 87501

Dear Sir,

July 15, 1986

On behalf of Mesa Grande Resources, we hereby request an exception to Rule 104F for the proposed location of Mesa Grande Resources well Phantom Federal #1 (C-102 att.). This well has been relocated to the footages indicated on the attached plat (from 990'FSL & 990'FWL) to avoid the many archaeological remains found in the vicinity (refer to attached archaeological report excerpt).

Please notify the following parties, of your decision in this matter. Thank you for your consideration.

Greg Phillips
Mesa Grande Resources
1200 Philtower Bldg.
Tulsa, Oklahoma 74103

David Blandford
Mesa Grande Resources
P.O.Box 274
Farmington, New Mexico 87499

Sincerely,

Andrew R. Gomolak
Archaeologist for
Mesa Grande Resources

xc: Aztec Office, NMO&GC
Phillips
Blandford
File

327-0775

All distances must be from the outer boundaries of the Section.

Operator MESA GRANDE RESOURCES		Lease Phantom Federal		Well No. 1
Well Letter M	Section 16	Township 25 North	Range 2 West	County Rio Arriba
Actual Footage Location of Well: (cardinal) 1035 feet from the South line and 1125 feet from the West line				
Ground Level Elev. 7245'	Producing Formation Gallup	Pool Gavilan Mancos	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
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).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

S 89° 32' W 5380.66'

Mesa Grande, LTD 95%
Arriba Co., LTD 5%

NM-01355

Sec.

Duer Wagner 1/4 R&B 1/3
R. Gilliland 1/4 HKW, Inc. 1/3
Mtn States 1/2 PC, LTD
SF-081332B IBEX Part.
Clark et al

SF-081332

1125' **#1**

Mesa Grande, Ltd 95%
Arriba Co., Ltd 5%

NM-43755

1035'

CERTIFICATION

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

Gregory R. Phillips
Gregory R. Phillips
Vice-President

Position

Mesa Grande Resources, Inc.
Company

Date

July 7, 1986

I hereby certify that the well location shown on this plat was plotted 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.

Date Surveyed

June 24, 1986

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

8894

**JICARILLA
ARCHAEOLOGICAL
SERVICES**



CULTURAL RESOURCES SURVEY #86-35
OF THE PROPOSED WELL LOCATION & ACCESS FOR
MESA GRANDE RESOURCES
PHANTOM FEDERAL #1

JICARILLA ARCHAEOLOGICAL SERVICES

REPORT #CR86-35
JULY 18, 1986

TERRY L. KNIGHT & ANDREW R. GOMOLAK
ARCHAEOLOGISTS

BUREAU OF LAND MANAGEMENT
PERMIT #20-2920-86 D

505-334-9777 - P.O. Box 430 Aztec, New Mexico 87410

CULTURAL RESOURCES SURVEY #86-35
OF THE PROPOSED WELL LOCATION & ACCESS FOR
MESA GRANDE RESOURCES
PHANTOM FEDERAL #1

ABSTRACT

The recent archaeological survey of 15.05 acres of Private Land about five miles north of Lindrieth, New Mexico, recorded a prehistoric site, JAS-249, south, west and north of this proposed well; and a small historic camp, JAS 250, to the south. We also recorded five "isolated finds along the proposed access route. The isolated finds are not considered significant by current definitions. The historic site is well out of the area of proposed affects. Considering the prehistoric site, existing disturbed areas, a drainage and stock tank, the Land Owner's desires, and legal and geological factors; the proposed well location was removed 142.3 feet East-northeast. Further, we recommend that the southwest corner of the location be slightly narrowed, to minimize affects to the dispersed artifact scatter of the prehistoric site. Some few artifacts remain in the area that will be affected. These are discussed herein, and we recommend that surface artifacts be collected prior to the construction of this location. We also recommend construction monitoring to assure that equipment movement and surface affects are limited to the specific area of the proposed location.

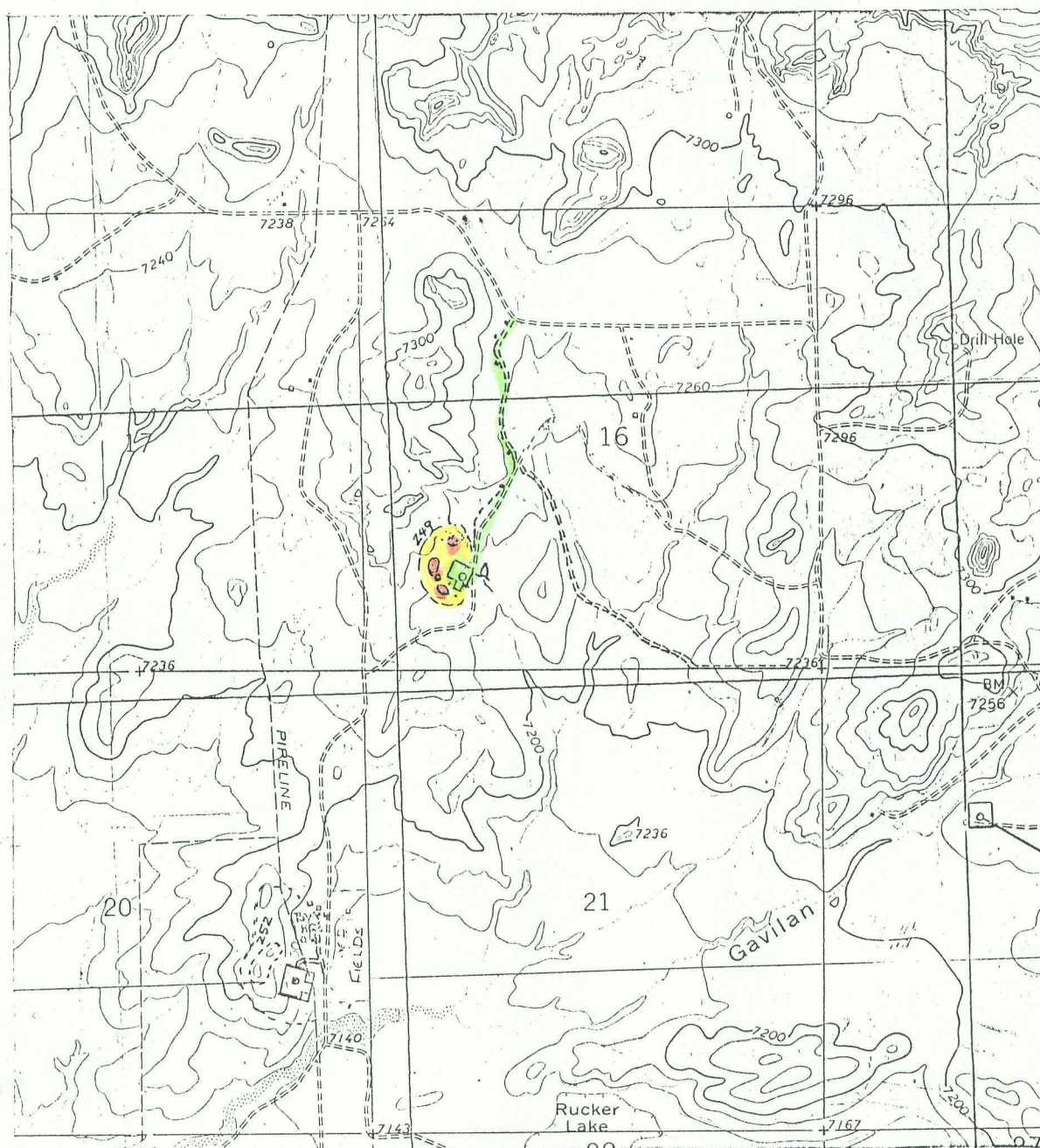
JICARILLA ARCHAEOLOGICAL SERVICES

REPORT #CR86-35
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PERMIT #20-2920-86 D

FIGURE 1
R2W



T25N



MESA GRANDE RESOURCES
WELL & ACCESS
PHANTOM FEDERAL #1
SCALE 1:24,000

JAS [249]

USGS OJITO, NEW MEXICO
7.5 MINUTE QUADRANGLE
1963
UTM ZONE 13

MESA GRANDE RESOURCES WELL PHANTOM FEDERAL #1

SURFACE LAND STATUS: Private, Loyd Ingram Ranch; with Federal Minerals administered by the Farmington Resource Area, Bureau of Land Management.

WELL LEGAL LOCATION: NE1/4, NE1/4, SW1/4, SW1/4 of Section 16, 1035 feet from the South line, and 1125 feet from the West line.

ACCESS: 3508.1 feet, along existing ranch roads on edges of plowed fields: from the east edge of the well location, 800 feet north across the NE1/4, SW1/4, SW1/4, and the SE1/4, NW1/4, SW1/4; turning northeast about 800 feet across the SW1/4, NE1/4, SW1/4, into the NW1/4, NE1/4, SW1/4; then turning generally north, across the SW1/4, SE1/4, NE1/4, and the NW1/4, SE1/4, NW1/4; to connect to the main road in the SE1/4, SW1/4, NE1/4, NW1/4 of Section 16.

Township 25 North, Range 2 West, NMPM,
Rio Arriba County, New Mexico.

UTM COORDINATES Z13: WELL - 3,15,240mE: 40,29,390mN Stake
ACCESS- 3,15,480mE: 40,30,290mN End

MAP REFERENCE, USGS: Ojito Quadrangle, New Mexico,
7.5 Minute Series 1963, Figure 1

AREA OF DISTURBANCE: WELL - 300' x 275', 1.89 acres
ACCESS- 20' x 3508', 1.61 acres

AREA OF THIS SURVEY: WELL - 600' x 800', 11.02 acres
ACCESS- 50' x 3508', 4.03 acres

TOTAL AREA SURVEYED: 15.05 acres

SITE JAS 249 & WELL PHANTOM FEDERAL #1
NE1/4, SW1/4, SW1/4 & the S1/2, SE1/4, NW1/4, SW1/4 of SECTION 16
T25N, R2W, NMPM, RIO ARRIBA COUNTY, NEW MEXICO

FIGURE 2

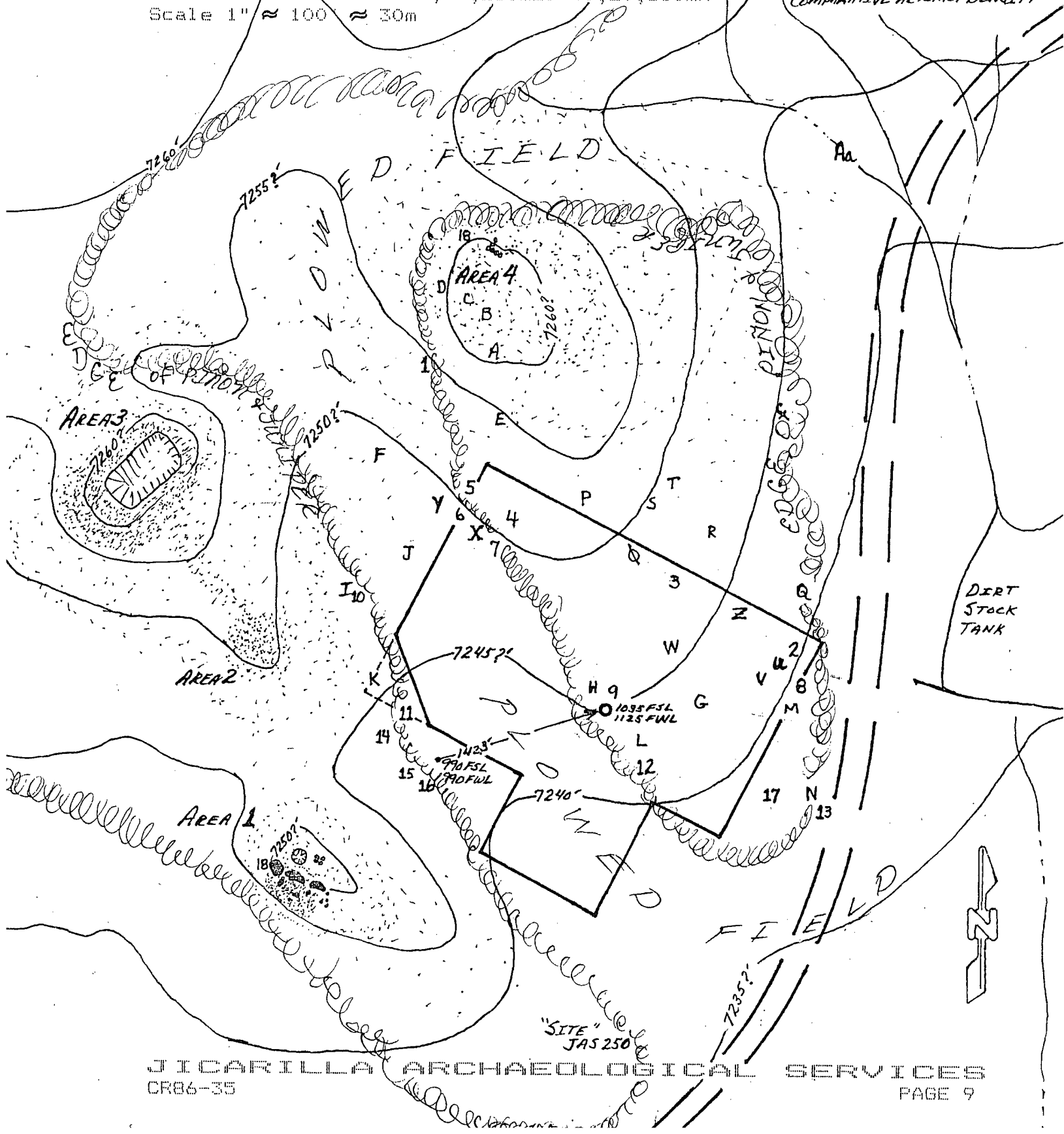
UTM Zone 13: Area 1- 3,15,165mE: 40,29,350mN

Area 3- 3,15,140mE: 40,29,440mN

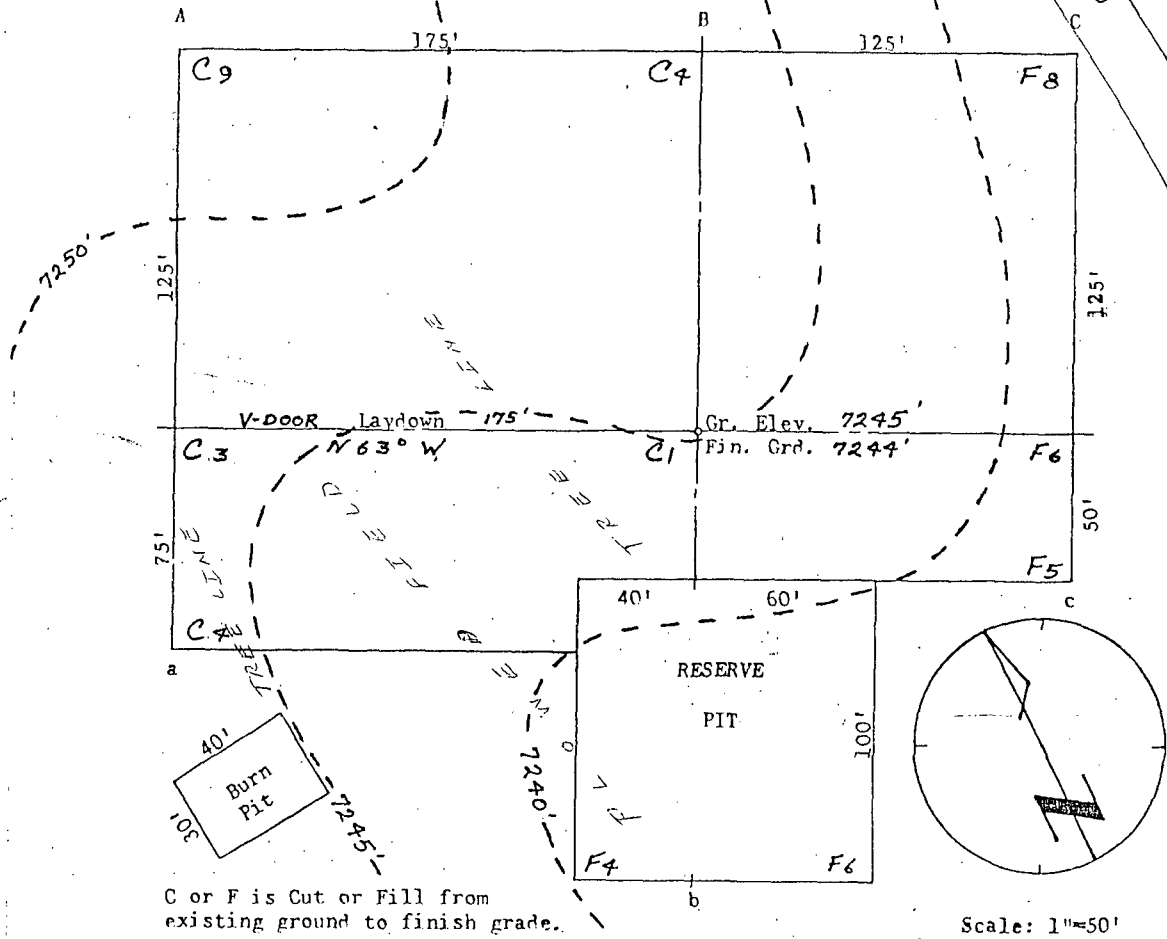
Area 4- 3,15,210mE: 40,29,510mN

Scale 1" $\approx$ 100' $\approx$ 30m

STIPLING (::::) REPRESENTS
COMPARATIVE ARTIFACT DENSITY



Profile for: MESA GRANDE RESOURCES
Phantom Federal #1
1035' FSL & 1125' FWL
Sec. 16, T25N, R2W
Rio Arriba Cnty., N.M.



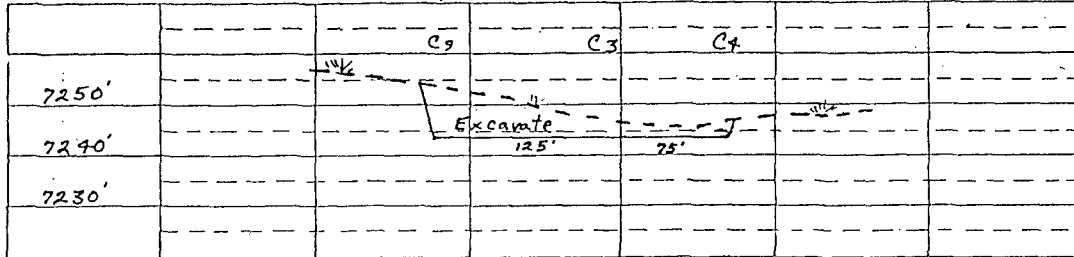
C or F is Cut or Fill from existing ground to finish grade.

Scale: 1"=50'

--- = Existing Grnd.
—— = Proposed Finished Grd.

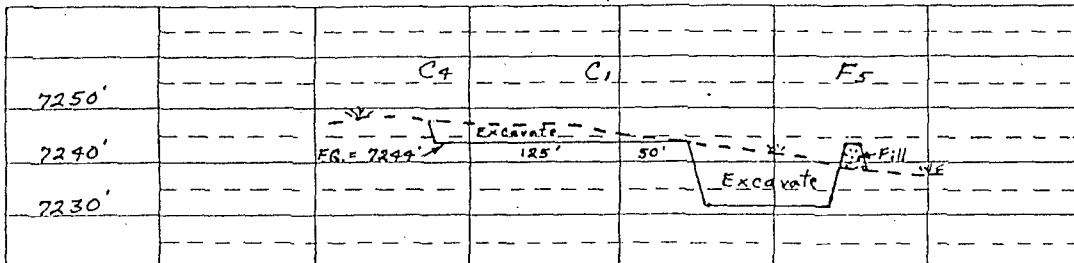
A-a Horiz: 1"=100' Vert: 1"=30'

C/L



B-b

C/L



C-c

C/L

