Unocal Oil & Gas Division
Unocal Corporation
900 Werner Court, PO. Box 2620 FH GCNSEFY AND DIVISION

900 Werner Court, P.O. Box 2620 Casper, Wyoming 82602-2620 Telephone (307) 234-1563

18173 14 AM 8 39

REC: VED



February 16, 1994

FEB2 41994.
OIL CON. DIV.

State of New Mexico Oil Conservation Division 310 Old Santa Fe Trail Santa Fe, New Mexico 87503

Gentlemen:

Union Oil Company of California (UNOCAL) requests permission for a nonstandard location for our Rincon Unit No. 229E well, located 660' FSL & 1190' FWL, Section 34, T27N, R7W, Rio Arriba County, New Mexico.

This well is a proposed dual Basin Dakota/Largo Gallup well that does not conform, as staked, to a "standard" location being approximately 130' too close to the south line. It is not feasible to move the location further to the north because of existing archeological sites and the surrounding topography. See attachments.

The offset lease owner, Central Resources, Inc., has been contacted by certified letter requesting waiver of objection to this proposed unorthodox location.

If you have any questions, please contact me at (307) 234-1563, ext. 116. Thank you for your help in this matter.

Sincerely,

Jim Benson

Drilling Superintendent

Attachments

cc: Ernie Busch, Aztec, NM

JBB:co

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

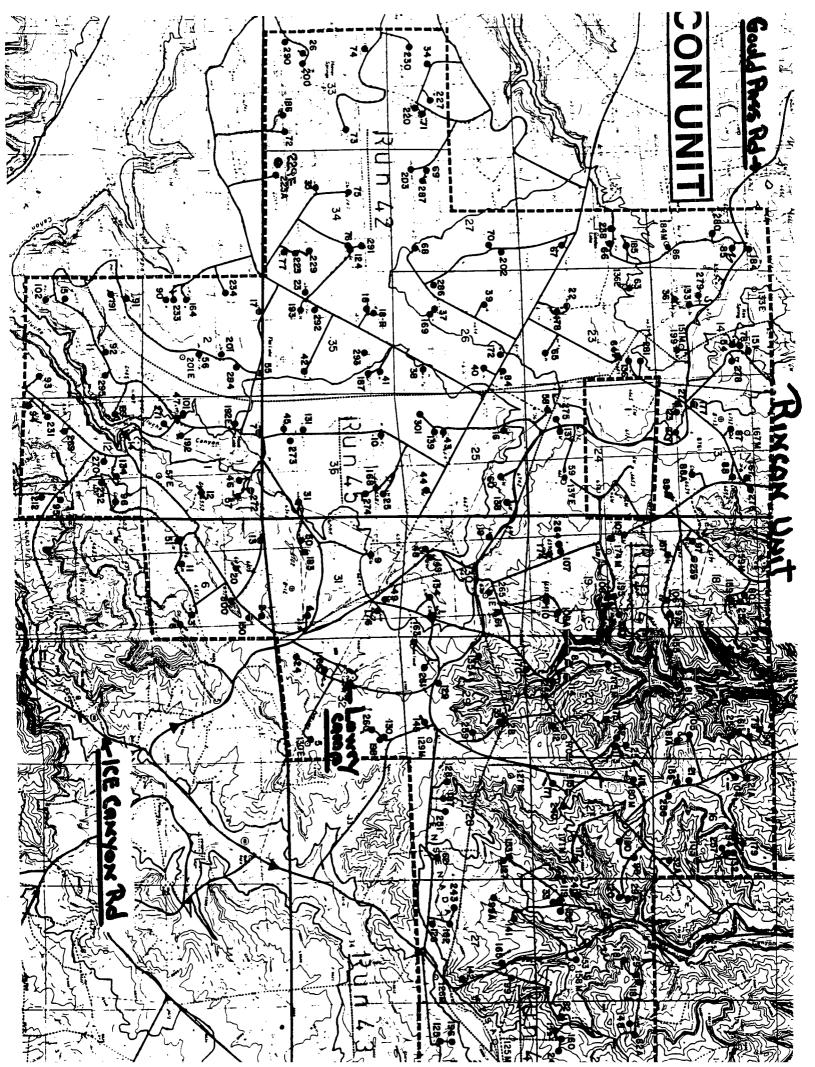
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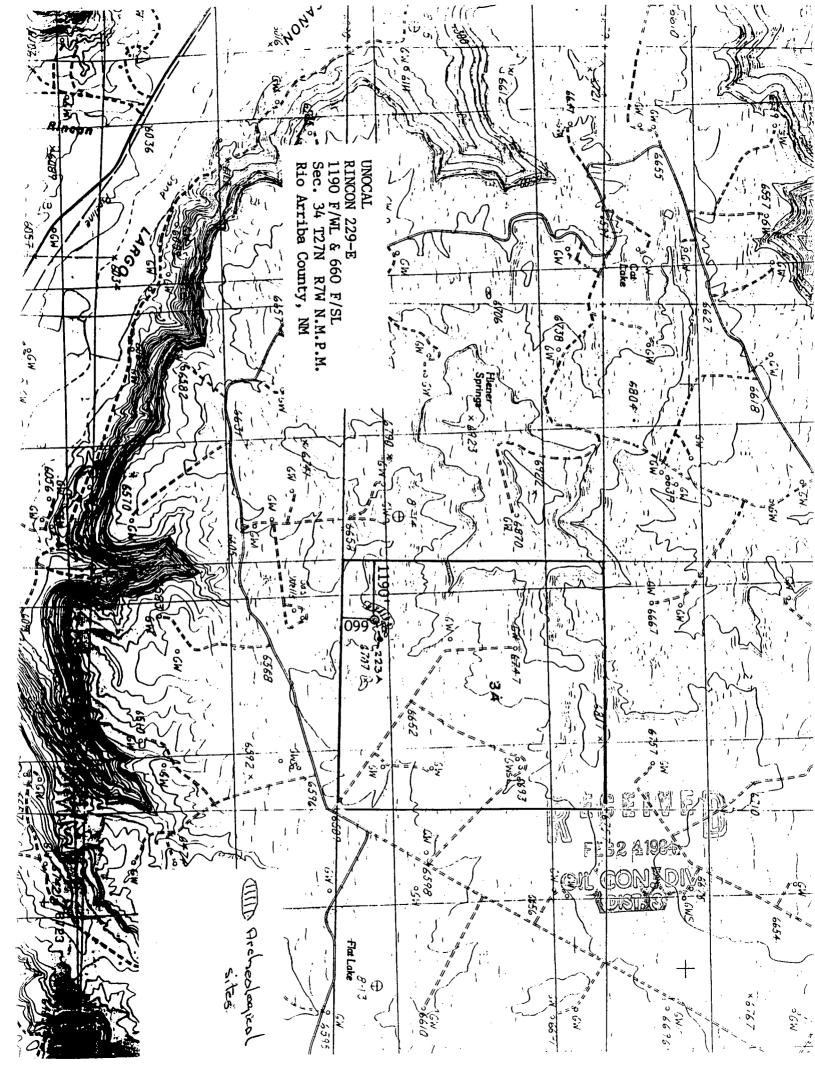
DISTRICT III
1000 Rie Brasce Rd., Aziec, NM 87410

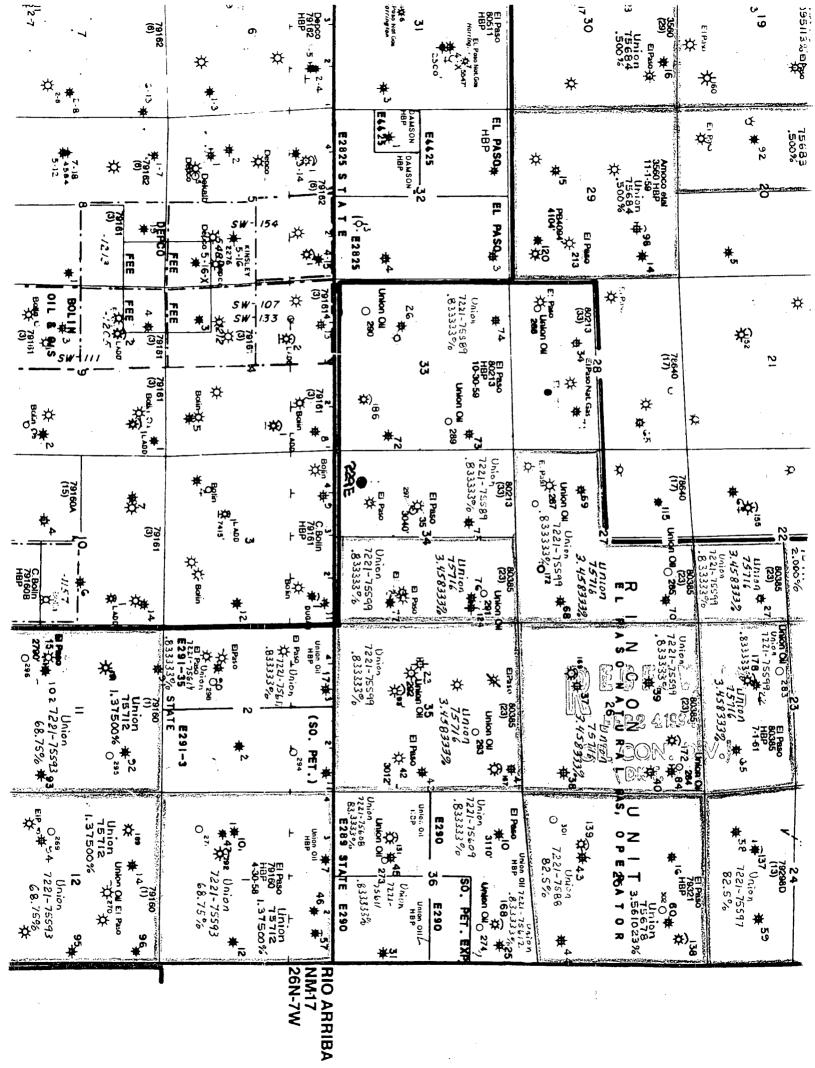
WELL LOCATION AND ACREAGE DEDICATION PLAT

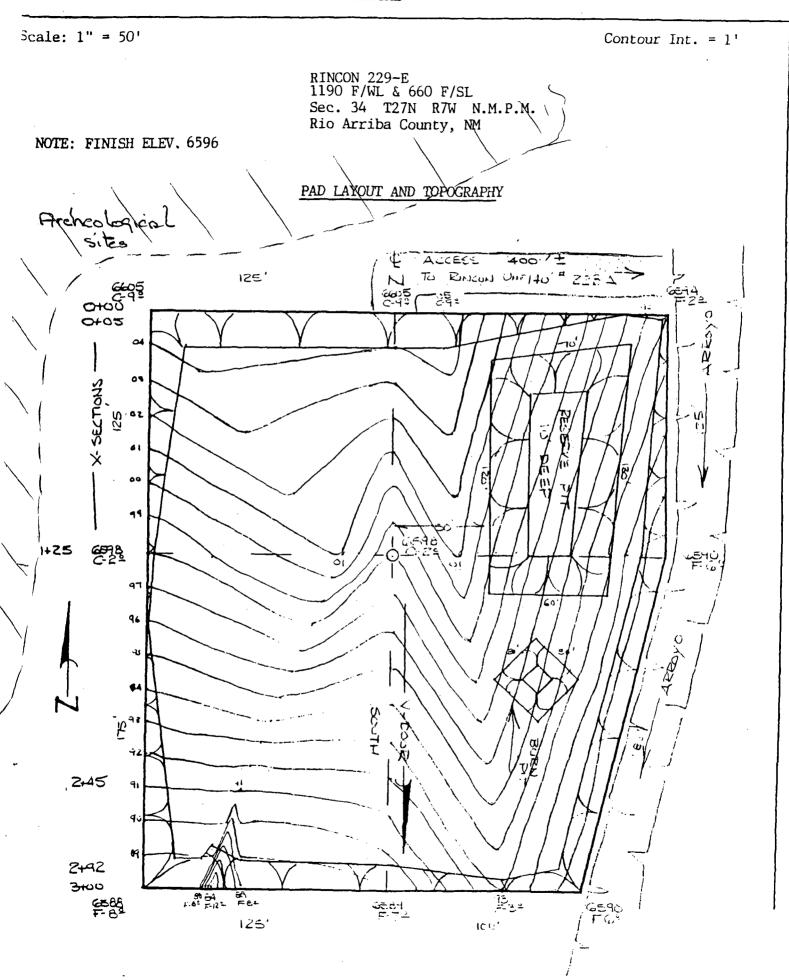
All Distances must be from the outer boundaries of the section

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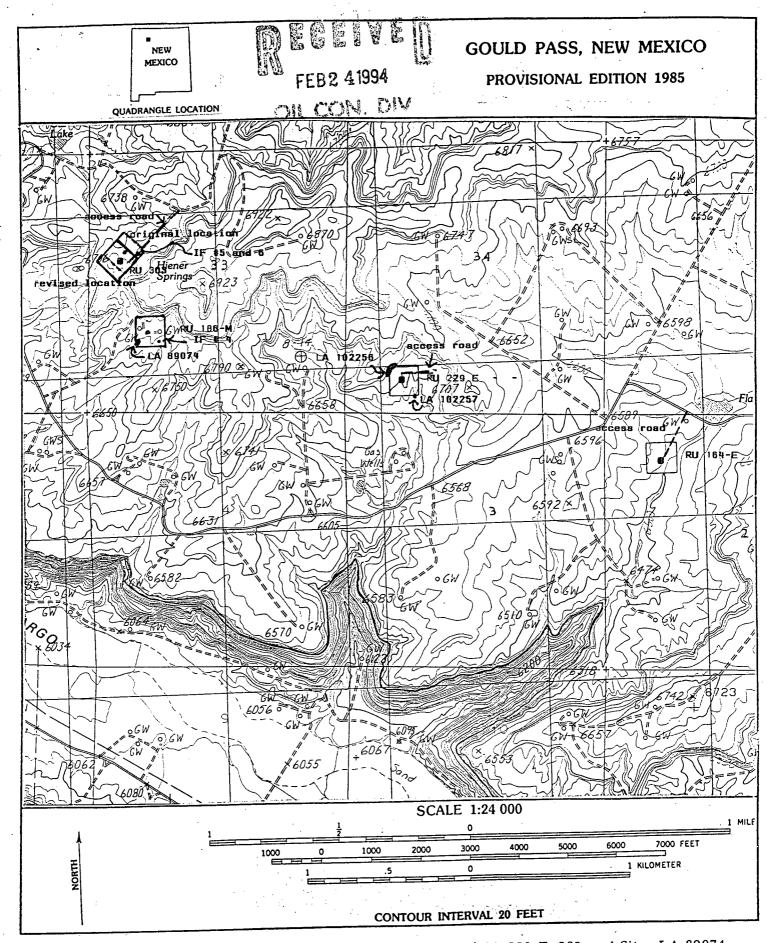


Figure 3. Location map for Rincon Unit Wells 164-E, 186-M, 229-E, 303, and Sites LA 89074 LA 102256, and LA 102257 and Isolated Finds No,s 4, 5, and 6.

Table 1. Sites recorded within 1/2 mile of survey area, Museum of New Mexico sites (Page 2 of 3).

Well No.	LA No.	Feature	Culture	Period
Rincon Unit 302	88794	Hearth Possible subterranean structure Lithic scatter	Anasazi	BM2: AD 1-500
	88800	Hogan	Navajo	Gobern: 1693-1753
Rincon Unit 164E	78895	Lithic/ceramic scatter	Anasazi	P1-P2: AD700-1100
	86345	Ash lens Lithic/ceramic scatter	Navajo	Gobern: 1693-1753
Rincon Unit 229E	78174	Hogan Stain Fire-cracked/burned rock	Navajo	Gobern: 1693-1753
	78669	Ceramic scatter	Navajo	Gobern: 1693-1753
Rincon Unit 186M	25907	Lithic/ceramic scatter Fire-cracked/burned rock	Anasazi	P1-P2: AD 700-1100
	77121	Stain Lithic/ceramic scatter Midden	Navajo	Gobern: 1693-1753
	78865	Fire-cracked/burned rock Ceramic scatter Lithic	Navajo	Gobern: 1693-1753
	86230	Ceramic scatter Lithic	Unknown	Unknown
Rincon Unit 303	77121	Stain Lithic/ceramic scatter Midden	Navajo	Gobern: 1693-1753
	78865	Fire-cracked/burned rock Ceramic scatter Lithic	Navajo	Gobern: 1693-1753
	86230	Ceramic scatter Lithic	Unknown	Unknown
Rincon Unit 187E	86345	Ash lens Lithic/ceramic scatter	Navajo	Gobern: 1693-1753
Rincon Unit 231E	77102	Stain Ground stone Lithic scatter	Unknown	Unknown . ·
	82994	Ceramic scatter Lithic	Anasazi	BM3-P1: AD 500-900
	82995	Hearth Stain	Navajo	Gobern: 1693-1753
	83008	Pithouse Midden Lithic/ceramic scatter	Anasazi	BM3-P1: AD 500-900
	83681	Fire-cracked/burned rock Lithic scatter Ground stone	Anasazi	Unknown

LA 102256

Location:

NE¼ of the SW¼, Section 34, Township 27 North, Range 7 West, Rio

Arriba County, New Mexico (Figure 3).

UTM Location:

Zone 13, E 270100/N 4045000

Well Location:

Rincon Unit 229E

Map Reference:

Gould Pass, N. Mex. 7.5 minute, 1985 [Provisional]

Cultural/Temporal

Affiliation:

Anasazi, Late Pueblo I, Piedra Phase/Gobernador (?) Navajo

Site Type:

Specialized activity area/Habitation

Description:

LA102256 is situated around the edge of a small rincon (Figure 49) rimmed with sandstone cliffs app. 15 ft. high and boulders. The edge of the rincon is lined with pinyon-juniper woodland with an understory of snakeweed, grasses and snakeweed. Sagebrush flats are to the east. Three loci were defined. Locus A is a Piedra Phase sherd and lithic scatter on a low ridgeline extending southeast from the mesa (Figure 50). Sherds include 1 Piedra Black-on-white, 20-30 undecorated white ware, and 10-20 grayware. Flaked lithics consist o f 10-20 fine-grain dark brown quartzite secondary flakes. Some fire-cracked rock and small sandstone slabs are also present, but no features were observed. Loci B and C are Navajo. Locus B consists of a burned hogan and a trash concentration. The hogan is app 3.5 m in diameter and is defined by sandstone outline. A burned post is present at the possible door opening. A possible slab-lined bin is along the north wall, and the observable portion measures 70 cm wide and 46 cm long. Charcoal, burned juniper and sandstone fragments are visible in the fill. Two projectile points (Figure 51) were located on the southwest edge of the hogan outline. Point A is a corner-notched red and grey chalcedony point with a concave base, tangs, and reworked tip. It measures 2.8 cm long, and 2.2 cm wide at the tangs. Point B, of banded gray, black, and white chalcedony, is a reworked probable early point. It is broken without the original base or tip, but the tip has been reworked. It is 6.1 cm long, and 1.5 cm max. width. The trash concentration is a 2.6 m long and 0.3 m thick lens eroding from the edge of a drainage (Figure 52). One sherd of thin highly-overfired (black and bright brick red) gray Navajo ware, some burned bone, and much charcoal were present in the concentration. A cedar post and two sandstone rocks were adjacent to the lens. Locus C consists of a pictograph panel under a small overhang. The panel consists of a possible yei figure in red ocher and several animals in white (Figure 53), as well as several other red splotches which cannot be interpreted. The roof of the overhang has traces of sooting but much of roof has fallen and the original floor level is unknown. There is possible depth in the overhang below the pictograph. A large brown quartzite core and several flakes were present. An obsidian projectile point with a convex base and side notches was located in front of the overhang. It measures 2.8 cm long and 1.23 cm wide at the base.

Significance:

This site is recommended as eligible for nomination to the NRHP due to the presence of intact and burned Navajo structures and deposits that can yield significant data on architecture, subsistence and material culture of this time period.

Project Effect:

Site is located on the far western edge of the buffer zone and will not be impacted by construction.

Action Taken:

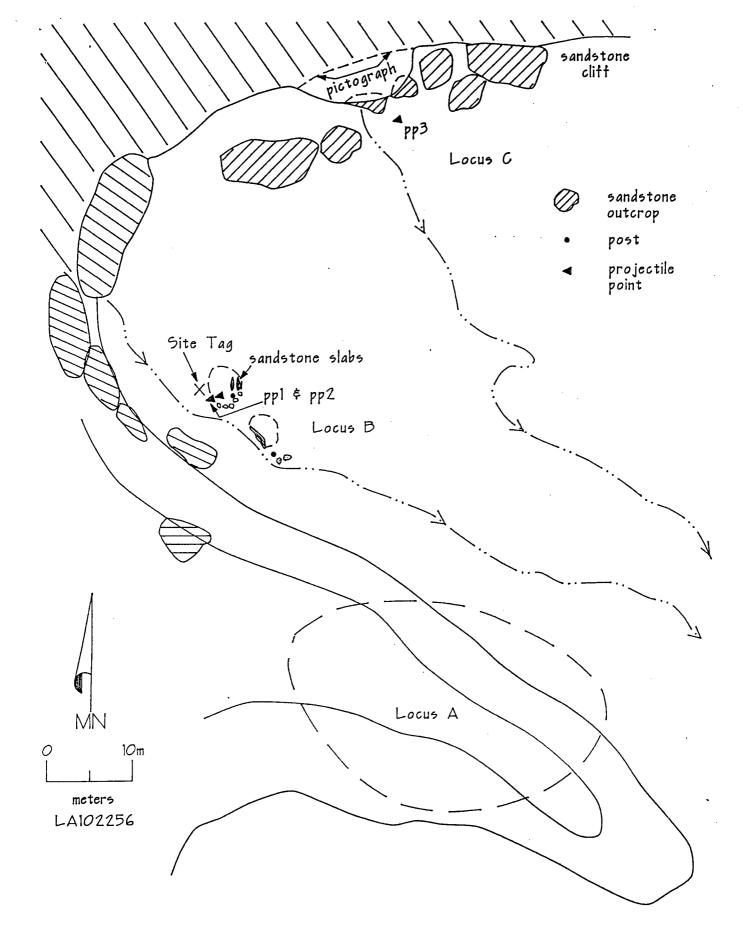


Figure 49. Site plan map, LA102256.



Figure 50. View of Locus A, Site LA102256, looking south.



Figure 51. Projectile Points, Locus B, Site LA102256.

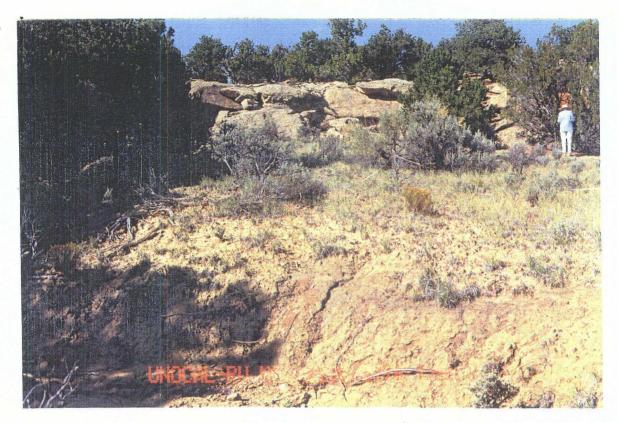


Figure 52. View of Locus B, Site LA102256, looking northwest.

Midden lens in foreground.

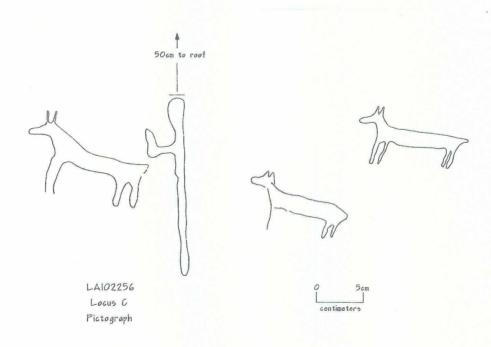


Figure 53. Pictograph panel, Locus C, Site LA102256.

LA 102257

Location:

 $SW\!\!\!/\!\!\!\!/\$ of the $SE\!\!\!/\!\!\!\!/\$ of the $SW\!\!\!\!/\!\!\!\!/\$ Section 34, Township 27 North, Range 7 West, Rio

Arriba County, New Mexico (Figure 3).

UTM Location:

Zone 13, E 270210/N 4044810

Well Location:

Rincon Unit 229E

Map Reference:

Gould Pass, N. Mex., 7.5 minute, 1985 [Provisional]

Cultural/Temporal

Affiliation:

Gobernador Navajo

Site Type:

Campsite or specialized use area

Description:

LA102257 is situated on a south-trending flat-topped ridge between two drainages. Sandstone bedrock outcrops occur to the north of the site on the ridge. The fine sandy silt of the ridge supports an open pinyon-juniper woodland with sparse sagebrush and grasses (Figure 54). Two hearth areas, Locus A and Locus B, with associated ceramics, are present (Figure 55). Locus A consisted of a charcoal soil stain and fire-cracked rock with associated sherds and some burnt bone fragments (Figure 56). The sherds include 4 Gobernador Polychrome and approximately 50 Navajo Gray ware. Locus B is a concentration of fire-cracked rock associated with one Navajo Gray sherd. A sparse scatter of sherds is present on the ridgetop and in

the erosional channels along the edges of the ridgetop.

Significance:

This limited activity site is considered significant due to its possibility for yielding

data on Gobernador period subsistence, and possible dating materials.

Project Effect:

Site is just outside buffer zone to southeast of wellpad and will not be affected by

construction of wellpad.

Action Taken:

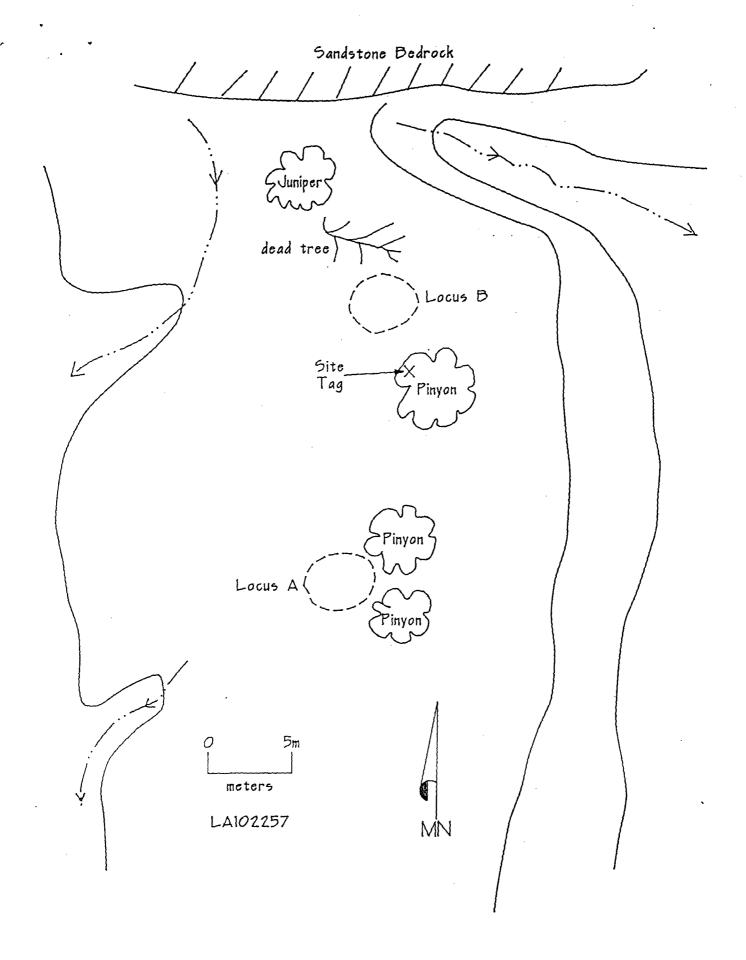


Figure 55. Site plan map, LA102257.



Figure 54. View of Site LA102257, looking north. Locus A in foreground.

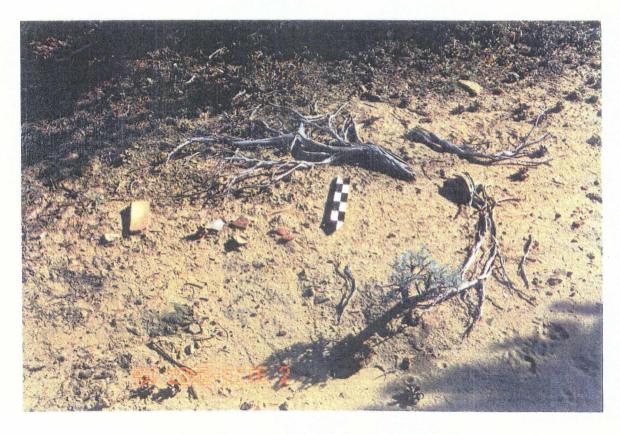


Figure 56. Closeup of Locus A, Site LA102257, showing soil stain and sherds.

Unocal Oil & Gas Division Unocal Corporation 900 Werner Court, P.O. Box 2620 Casper, Wyoming 82602-2620 Telephone (307) 234-1563

SEET FAN DIVISION REC: JED

UNOCAL 76

454 772 W AM 8 35

February 18, 1994

State of New Mexico Oil Conservation Division 310 Old Santa Fe Trail Santa Fe, New Mexico 87503

Gentlemen:

Enclosed please find the front page of the APD's that have been filed with the BLM-Farmington, for the nonstandard well locations for the following Rincon wells for which filings were mailed to the State of New Mexico on February 17, 1994: #128M, #133E, #229E, #302, and #303. Please attach the APD's to the filing package for each well.

I have also enclosed the filings for Rincon #11E and 150E in the proper format.

If you have any questions, please contact me at (307) 234-1563, ext. 116. Thank you for your help in this matter.

Sincerely,

Jim' Benson

Drilling Superintendent

Attachments

cc: Ernie Busch, Aztec, NM

JBB:co

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SUBMIT IN TRIPLICATE. (Other instructions on reverse side)

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DEPARTMENT OF THE INTERIOR

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Unocal Oil & Gas Division Unocal Corporation 900 Werner Court, P.O. Box 2620 Casper, Wyoming 82602-2620 Telephone (307) 234-1563

UNOCAL 76

February 23, 1994

Mr. Michael Stogner State of New Mexico Oil Conservation Division 310 Old Santa Fe Trail Santa Fe, NM 87503

RE: Unorthodox Locations for Rincon #302 and #229E

Dear Mr. Stogner:

Please find enclosed the archeological reports for <u>Rincon</u> <u>Unit #229#</u> - 660' FSL & 1190' FWL Sec. 34, T27N, R7W, Rio Arriba County, NM and <u>Rincon Unit #302</u> - 150' FNL & 2455' FWL, Sec. 11, T26N, R7W Rio Arriba County, NM.

A letter dated February 16, 1994 was sent to the State of New Mexico Oil Conservation Division requesting permission for a nonstandard location for these two wells because of existing archeological sites and the surrounding topography. We inadvertently failed to include describing archeological reports the sites in the attachments.

We apologize for any inconvenience this may have caused.

Sincerely,

Jim Benson

Drilling Superintendent (307) 234-1563, ext. 116

cc: Ernie Busch, Aztec, NM

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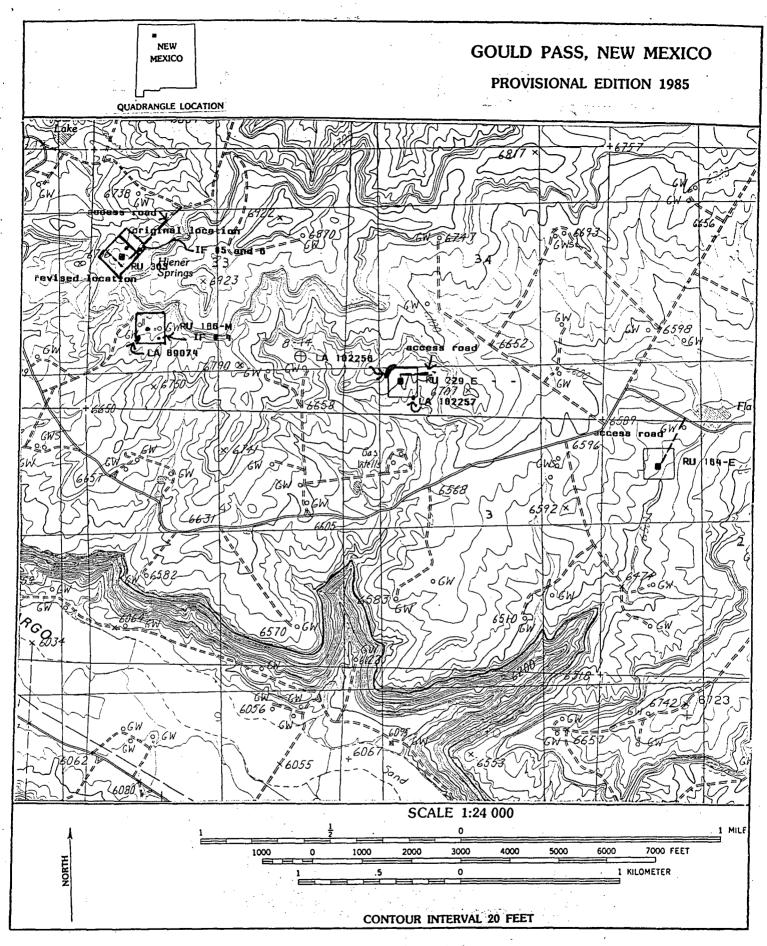


Figure 3. Location map for Rincon Unit Wells 164-E, 186-M, 229-E, 303, and Sites LA 89074 LA 102256, and LA 102257 and Isolated Finds No,s 4, 5, and 6.

Table 1. Sites recorded within 1/2 mile of survey area, Museum of New Mexico sites (Page 2 of 3).

Well No.	LA No.	Feature	Culture	Period
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	88800	Hogan	Navajo	Gobern: 1693-1753
Rincon Unit 164E	78895	Lithic/ceramic scatter	Anasazi	P1-P2: AD700-1100
	86345	Ash lens Lithic/ceramic scatter	Navajo	Gobern: 1693-1753
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	86230	Ceramic scatter Lithic	Unknown	Unknown
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	83008	Pithouse Midden Lithic/ceramic scatter	Anasazi	BM3-P1: AD 500-900
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LA 102256

Location:

NE¼ of the SW¼, Section 34, Township 27 North, Range 7 West, Rio

Arriba County, New Mexico (Figure 3).

UTM Location:

Zone 13, E 270100/N 4045000

Well Location:

Rincon Unit 229E

Map Reference:

Gould Pass, N. Mex. 7.5 minute, 1985 [Provisional]

Cultural/Temporal

Affiliation:

Anasazi, Late Pueblo I, Piedra Phase/Gobernador (?) Navajo

Site Type:

Specialized activity area/Habitation

Description:

LA102256 is situated around the edge of a small rincon (Figure 49) rimmed with sandstone cliffs app. 15 ft. high and boulders. The edge of the rincon is lined with pinyon-juniper woodland with an understory of snakeweed, grasses and snakeweed. Sagebrush flats are to the east. Three loci were defined. Locus A is a Piedra Phase sherd and lithic scatter on a low ridgeline extending southeast from the mesa (Figure 50). Sherds include 1 Piedra Black-on-white, 20-30 undecorated white ware, and 10-20 grayware. Flaked lithics consist o f 10-20 fine-grain dark brown quartzite secondary flakes. Some fire-cracked rock and small sandstone slabs are also present, but no features were observed. Loci B and C are Navajo. Locus B consists of a burned hogan and a trash concentration. The hogan is app 3.5 m in diameter and is defined by sandstone outline. A burned post is present at the possible door opening. A possible slab-lined bin is along the north wall, and the observable portion measures 70 cm wide and 46 cm long. Charcoal, burned juniper and sandstone fragments are visible in the fill. Two projectile points (Figure 51) were located on the southwest edge of the hogan outline. Point A is a corner-notched red and grey chalcedony point with a concave base, tangs, and reworked tip. It measures 2.8 cm long, and 2.2 cm wide at the tangs. Point B, of banded gray, black, and white chalcedony, is a reworked probable early point. It is broken without the original base or tip, but the tip has been reworked. It is 6.1 cm long, and 1.5 cm max. width. The trash concentration is a 2.6 m long and 0.3 m thick lens eroding from the edge of a drainage (Figure 52). One sherd of thin highly-overfired (black and bright brick red) gray Navajo ware, some burned bone, and much charcoal were present in the concentration. A cedar post and two sandstone rocks were adjacent to the lens. Locus C consists of a pictograph panel under a small overhang. The panel consists of a possible yei figure in red ocher and several animals in white (Figure 53), as well as several other red splotches which cannot be interpreted. The roof of the overhang has traces of sooting but much of roof has fallen and the original floor level is unknown. There is possible depth in the overhang below the pictograph. A large brown quartzite core and several flakes were present. An obsidian projectile point with a convex base and side notches was located in front of the overhang. measures 2.8 cm long and 1.23 cm wide at the base.

Significance:

This site is recommended as eligible for nomination to the NRHP due to the presence of intact and burned Navajo structures and deposits that can yield significant data on architecture, subsistence and material culture of this time period.

Project Effect:

Site is located on the far western edge of the buffer zone and will not be impacted by construction.

Action Taken:

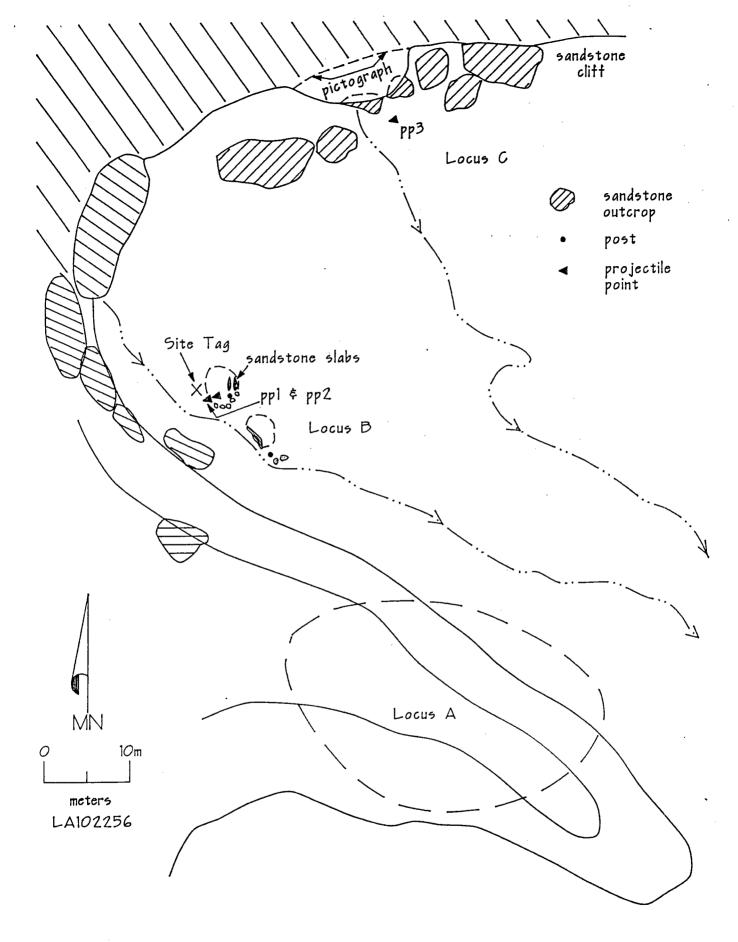


Figure 49. Site plan map, LA102256.



Figure 50. View of Locus A, Site LA102256, looking south.



Figure 51. Projectile Points, Locus B, Site LA102256.

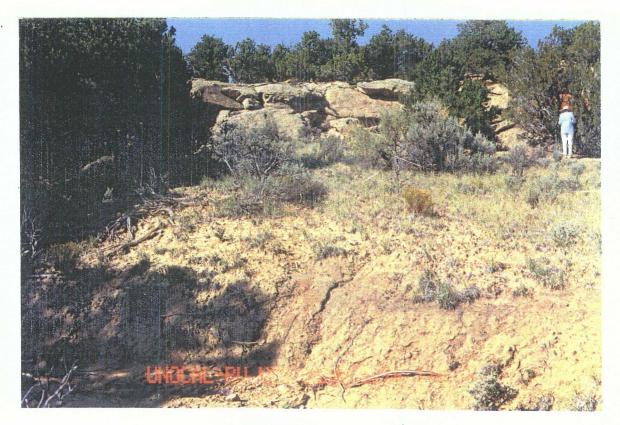


Figure 52. View of Locus B, Site LA102256, looking northwest. Midden lens in foreground.

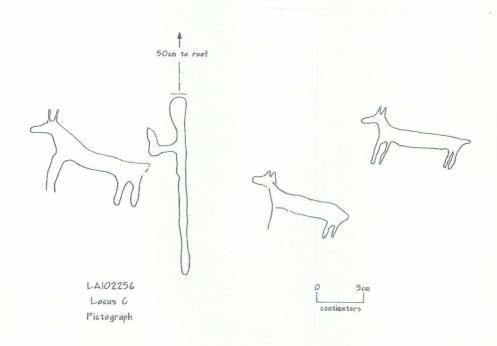


Figure 53. Pictograph panel, Locus C, Site LA102256.

LA 102257

Location:

SW¼ of the SE¼ of the SW¼, Section 34, Township 27 North, Range 7 West, Rio

Arriba County, New Mexico (Figure 3).

UTM Location:

Zone 13, E 270210/N 4044810

Well Location:

Rincon Unit 229E

Map Reference:

Gould Pass, N. Mex., 7.5 minute, 1985 [Provisional]

Cultural/Temporal

Affiliation:

Gobernador Navajo

Site Type:

Campsite or specialized use area

Description:

LA102257 is situated on a south-trending flat-topped ridge between two drainages. Sandstone bedrock outcrops occur to the north of the site on the ridge. The fine sandy silt of the ridge supports an open pinyon-juniper woodland with sparse sagebrush and grasses (Figure 54). Two hearth areas, Locus A and Locus B, with associated ceramics, are present (Figure 55). Locus A consisted of a charcoal soil stain and fire-cracked rock with associated sherds and some burnt bone fragments (Figure 56). The sherds include 4 Gobernador Polychrome and approximately 50 Navajo Gray ware. Locus B is a concentration of fire-cracked rock associated with one Navajo Gray sherd. A sparse scatter of sherds is present on the ridgetop and in the arceional channels along the edges of the ridgetop.

the erosional channels along the edges of the ridgetop.

Significance:

This limited activity site is considered significant due to its possibility for yielding

data on Gobernador period subsistence, and possible dating materials.

Project Effect:

Site is just outside buffer zone to southeast of wellpad and will not be affected by

construction of wellpad.

Action Taken:

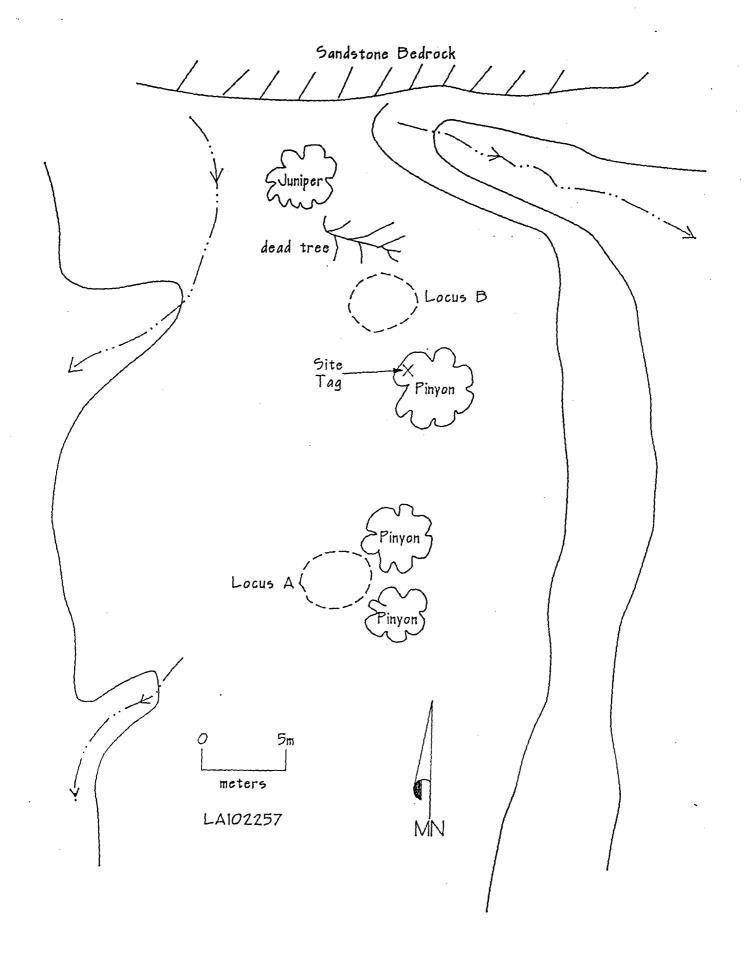


Figure 55. Site plan map, LA102257.

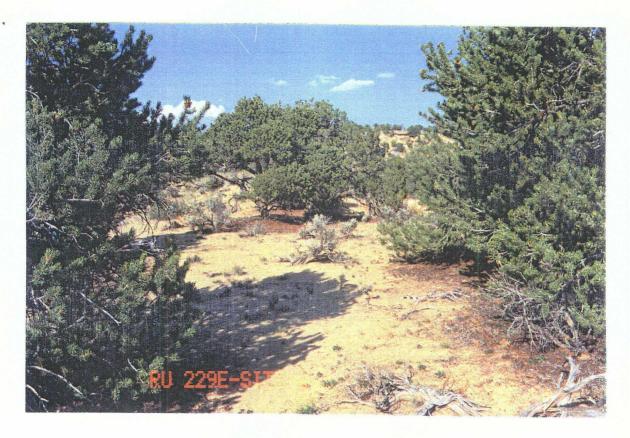


Figure 54. View of Site LA102257, looking north. Locus A in foreground.

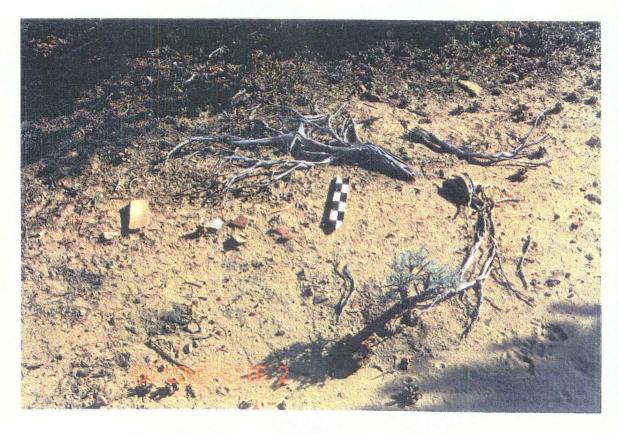


Figure 56. Closeup of Locus A, Site LA102257, showing soil stain and sherds.

Mike Stogner

From: To:

Ernie Busch Mike Stogner UNOCAL (NSL) Mon, Mar 7, 1994 8:43AM High

Subject: Date:

Priority:

WELL NAME:

RINCON UNIT # 229E

LOCATION:

FOOTAGE:

M-34-27N-07W 660' FSL; 1190' FWL APPROVAL

RECOMMEND:

CMD: CMD

ONGARD
INQUIRE LAND BY SECTION

04/18/94 14:29:25 OGOMES -EMD6

PAGE NO: 1

Sec : 34 Twp : 27N Rng : 07W Section Type : NORMAL

D	C	¦ B	A
40.00	40.00	40.00	40.00
Federal owned	Federal owned	Federal owned	Federal owned
E		G	Н —
40.00	40.00	40.00	40.00
Federal owned	Federal owned	Federal owned	Federal owned
	A		A A
PF01 HELP PF02	PF03 EXIT F	PF04 GoTo PF05	PF06
PF07 BKWD PF08 FW	D PF09 PRINT F	PF10 SDIV PF11	PF12

CMD :

ONGARD INQUIRE LAND BY SECTION

04/18/94 14:30:08 OGOMES -EMD6 PAGE NO: 2

Sec : 34 Twp : 27N Rng : 07W Section Type : NORMAL

L 40.00	K 40.00	J 40.00	I 40.00
40.00			10.00
Federal owned	 Federal owned	Federal owned	 Federal owned
	A		A A
	N	0	P
40.00	40.00	40.00	40.00
Federal owned	Federal owned	Federal owned	Federal owned
	A		A
	l		_
PF01 HELP PF02	PF03 EXIT	PF04 GoTo PF05	PF06
PF07 BKWD PF08 FW	D PF09 PRINT 1	PF10 SDIV PF11	PF12