



February 16, 1994

*Received in
Santa Fe 3/10/94*

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. 302 well, located 150' FNL, 2455' FWL, Section 11, T26N, 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 640' too close to the North line. It is not feasible to move the location further to the South because of existing archeological sites and the surrounding topography. See attachments. There are no existing pads/locations in the immediate area on which to drill this proposed well.

The offset lease owner, Louis Dreyfus Natural Gas Corporation, has been contacted by certified letter requesting waiver of objection to this proposed unorthodox location.

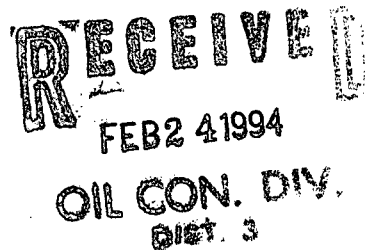
If you have any questions, please contact me at (307) 234-1563, ext 116. Thank you for your help in this matter.

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

DISTRICT I

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

DISTRICT II

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Aragon Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator UNOCAL			Lease RINCON		Well No. 302
Unit Letter C	Section 11	Township 26N	Range 7W NMPM	County RIO ARriba	

Actual Footage Location of Well:

150 feet from the **NORTH** line and 2455 feet from the **WEST** line

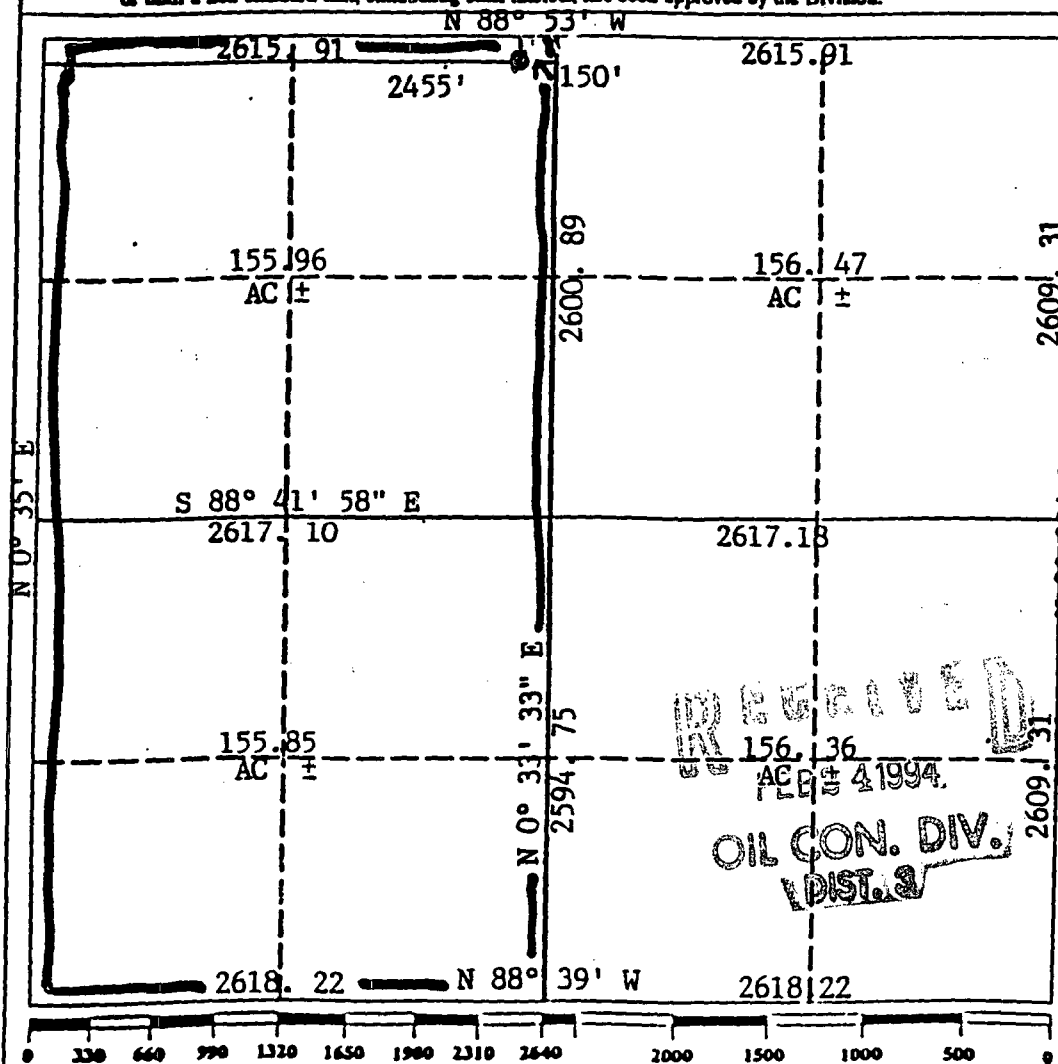
Ground level Elev.	Producing Formation	Pool	Dedicated Acreage:
6702	Dakota/Gallup	Basin/Largo	320

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 interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

SIRHAN

Printed Name _____

Position

COMPANY

Date _____

SURVEYOR CERTIFICATION

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.

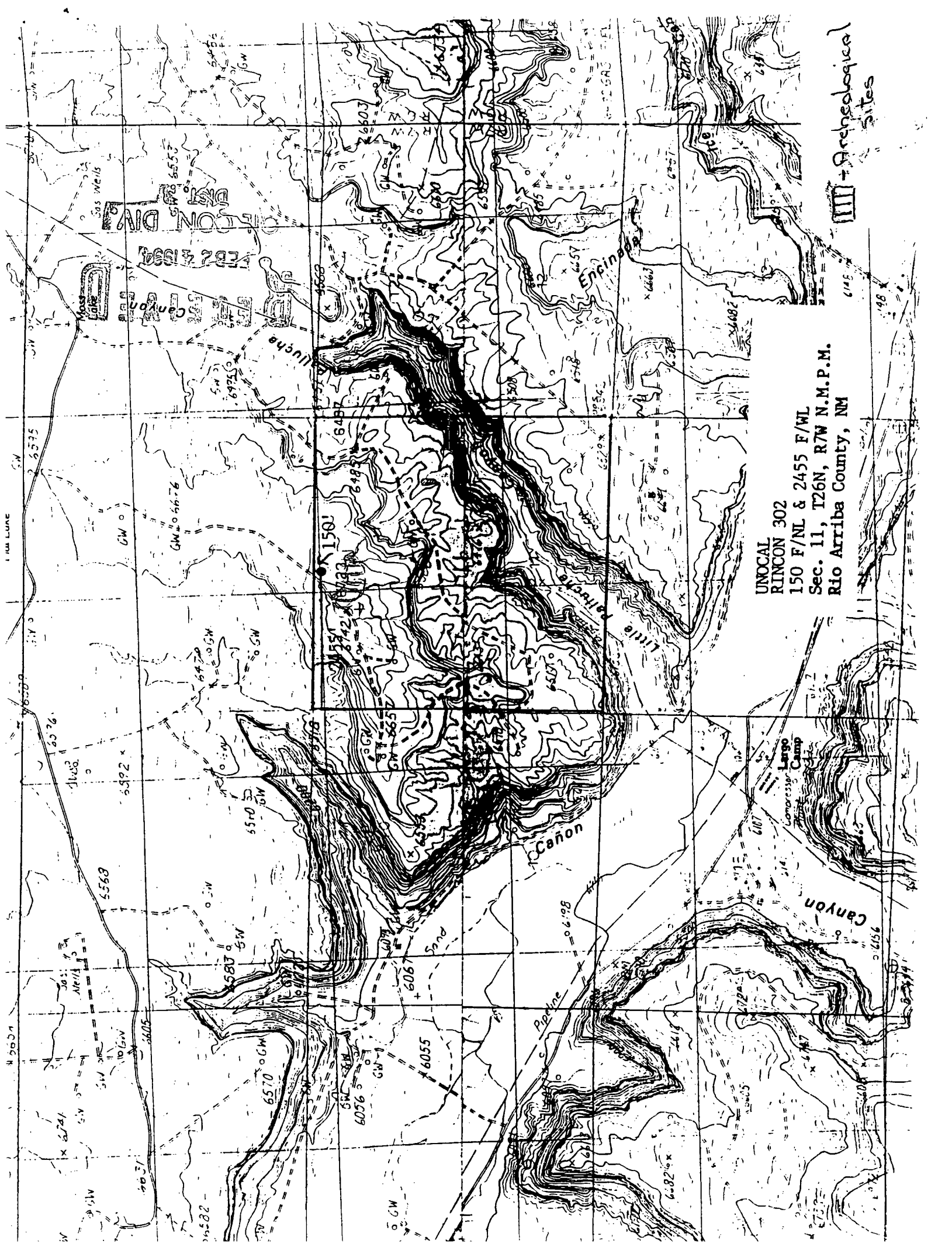
Date Surveyed _____

September 22, 1993

Signature & Seal of
Professional Surveyor

Dean B. Tullis

Certificate No. 9672 PROFESSIONAL LAND



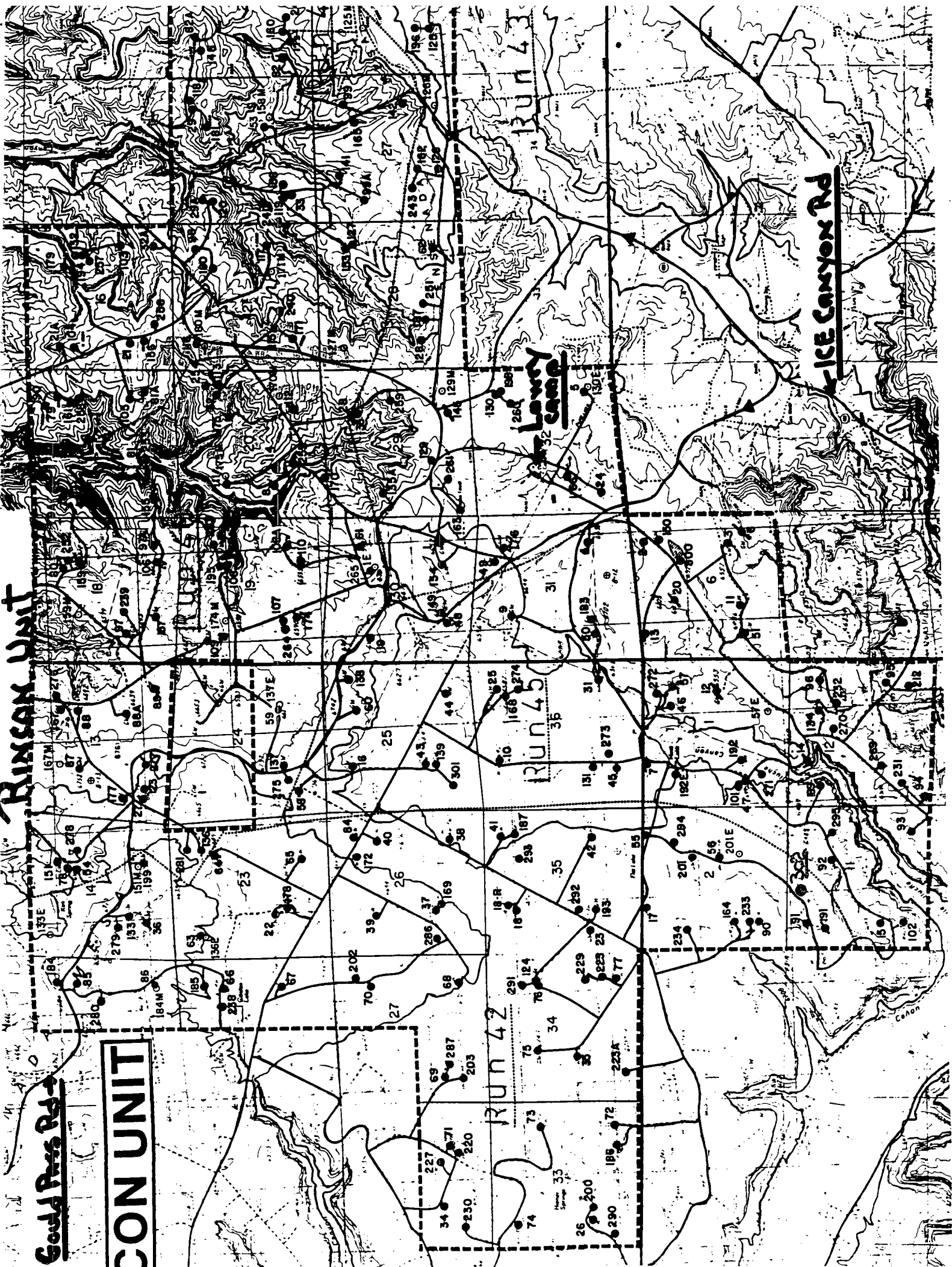
Gold Pass Rd

CON UNIT

RINSON UNIT

Lewy Camp

ICE CANYON Rd



OIL CON. DIV
DIST. 3

T. 26 N.

RECEIVED

FEB 24 1994

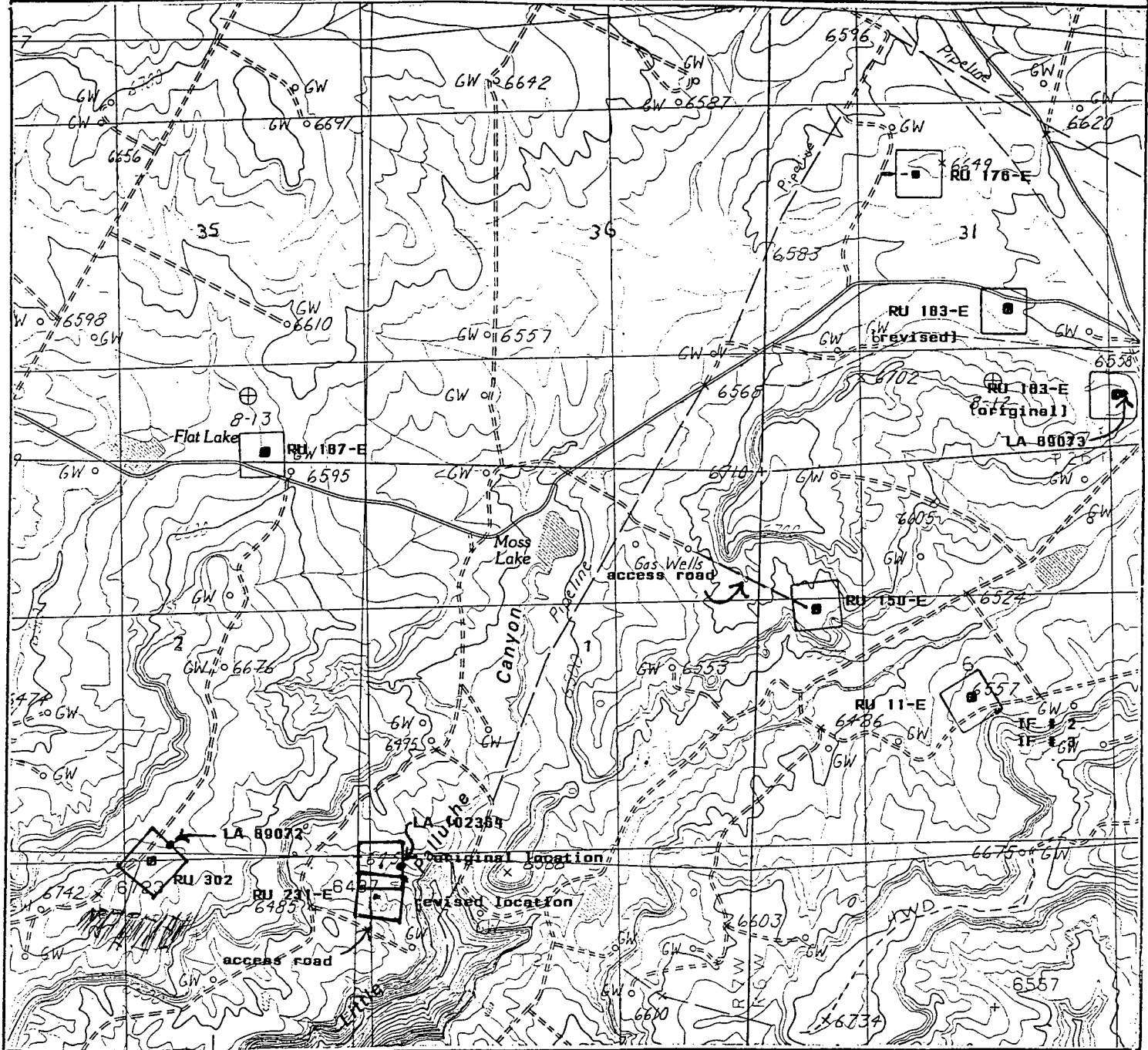
GOULD PASS, NEW MEXICO

OIL CON. DIV
DIST. 9

PROVISIONAL EDITION 1985

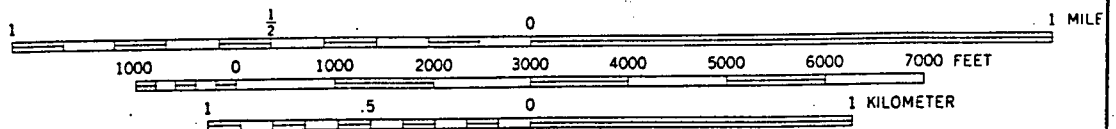
NEW
MEXICO

QUADRANGLE LOCATION



SCALE 1:24 000

NORTH



CONTOUR INTERVAL 20 FEET

Figure 2. Location map for Rincon Unit Wells 11-E, 150-E, 176-E, 183-E, 187-E, 231-E, 302 and Sites LA 89072, LA 89073, and LA 102364 and Isolated Finds No. 2 and 3.

////// - sites located south of proposed Rincon #302

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

Well No.	LA No.	Feature	Culture	Period
Rincon Unit 11E		No sites previously recorded		
Rincon Unit 150E	89201	Ash lens Hearth Lithic/ceramic scatter	Navajo	Gobern: 1693-1753
	89202	Lithic/ceramic scatter Ash lens Fire-cracked/burned rock	Navajo	Gobern: 1693-1753
Rincon Unit 130F	47792	Pithouse Lithic/ceramic scatter Fire-cracked/burned rock	Anasazi	P1-P2: AD 700-1100
Rincon Unit 166E		No sites previously recorded		
Rincon Unit 183E		No sites previously recorded		
Rincon Unit 176E		No sites previously recorded		
Rincon Unit 133E	53780	Undefined rock alignment Burned rock midden Other	Navajo	Gobern: 1693-1753
	54311	Lithic/ceramic scatter	Navajo	Gobern: 1693-1753
	77101	Pithouse Roomblock/jacal Midden	Anasazi	P1: AD 700-900
	88930	Forked stick hogan Lithic/ceramic scatter	Navajo	Gobern: 1693-1753
	89206	Ash lens	Navajo	Gobern: 1693-1753
	89207	Lithic/ceramic scatter Hogan Ash lens	Navajo	Pre-Gobern: ?-AD 1692
Rincon Unit 128M	74252	Fire-cracked/burned rock Lithic Ceramic	Navajo	Unknown
Rincon Unit 302	82996	Midden Lithic/ceramic scatter Stain	Navajo	Gobern: 1693-1753
	86231	Possible subterranean structure Possible masonry structure Lithic/ceramic scatter	Anasazi	P1: AD 700-900
	86232	Lithic/ceramic scatter	Anasazi	P1: AD 700-900
	86346	Possible subterranean structure Ceramic scatter	Anasazi	Unknown
	88630	Pithouse Midden Lithic/ceramic scatter	Anasazi	P1: AD 700-900
	88793	Forked stick hogan Bin/Cist Midden	Navajo	Gobern: 1693-1753

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

Site Descriptions

Site Number: LA 89072

Location: SW¼ of the SW¼ of the SE¼, Section 2, Township 26 North, Range 7 West, Rio Arriba County, New Mexico (Figure 2)

UTM Location: Zone 13, E 272200/N 4043060

Well Location: Rincon Unit 302

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

Cultural/Temporal Affiliation: Anasazi, Early Pueblo I, Rosa Phase

Site Type: Habitation

Description: LA89072 consists of a single pithouse depression and associated artifact scatter (Figure 43) in a sage-covered flat on Encinada Mesa (Figure 44), west of Little Palluche Canyon. The only obvious feature is a large, 12 m diameter depression marked with tall sagebrush. A possible jacal surface structure is indicated by a concentration, app 15 m long, of sherds, flaked lithics, and sandstone fragments, to the west of the pitstructure depression. Approximately 50 plain grayware sherds and brown rhyolite flakes are associated with the site. A packrat midden is present to the northeast of the pitstructure depression.

Significance: This undisturbed site is recommended as eligible to the NRHP due to its potential for yielding significant data concerning the prehistoric occupation of the area during the early Pueblo I period.

Project Effect: None. Site is in extreme northeastern edge of the surveyed buffer zone and will not be affected by construction.

Action Taken: None

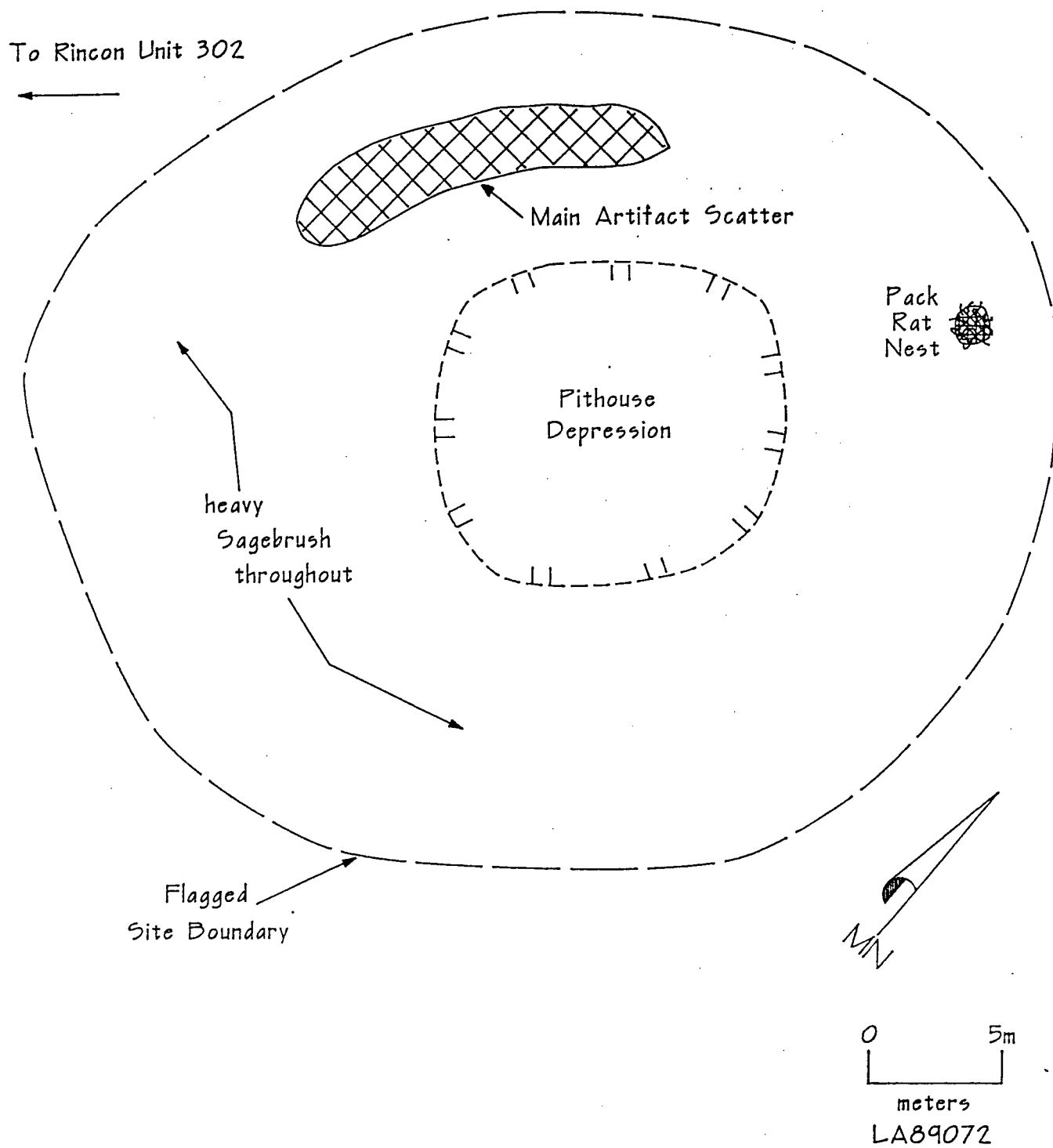


Figure 43. Site plan map, LA89072.

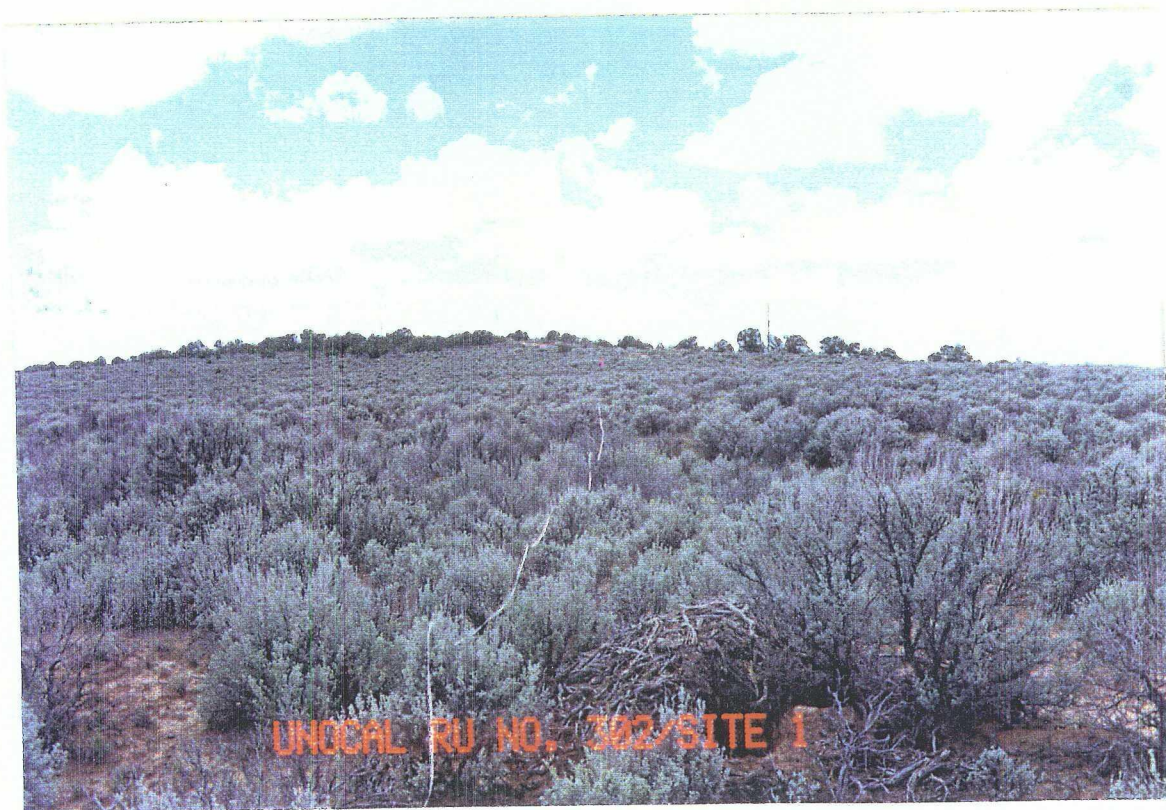


Figure 44. View of Site LA89072, looking southwest. Wellpad RU302 in background, packrat nest in foreground.

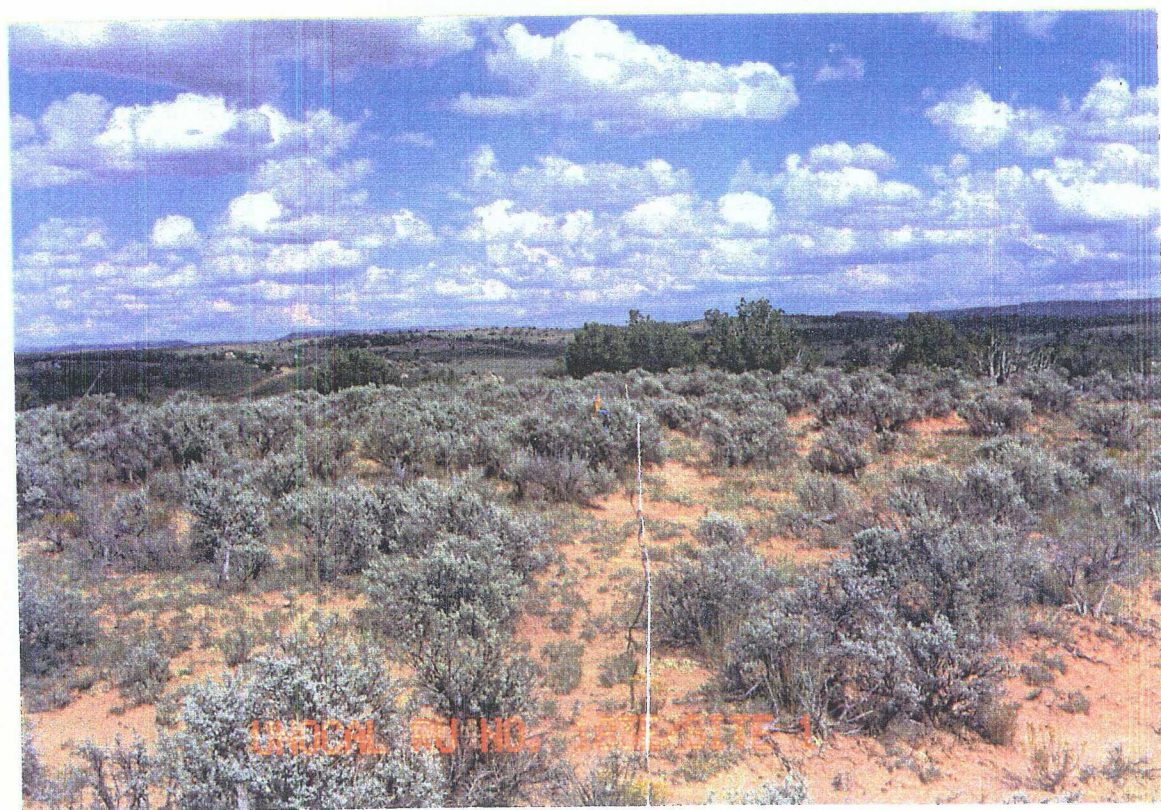


Figure 45. View of Site LA89073, looking north.

COUNTY Rio Arriba POOL Largo - Gallup GasTOWNSHIP 26 North RANGE 7 West NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Description : $\frac{1}{2}$ Sec. 3; All Sec. 4 (R-2462, 4-5-63)Ext: All Sec. 5 (R-2896, 5-1-65) EXT: $\frac{1}{2}$ Sec. 10 (R-7420, 1-9-84)EXT: $\frac{1}{2}$ SEC 2 (R-8713, 8/12/88) EXT: All Sec. 1, $\frac{1}{2}$ Sec. 2 (R-9982, 10-1-93)

Mike Stogner

From: Ernie Busch
To: Mike Stogner
Subject: UNOCAL (NSL)
Date: Mon, Mar 7, 1994 8:37AM
Priority: High

WELL NAME: RINCON UNIT #302
LOCATION: C-11-26N-07W
FOOTAGE: 150' FNL; 2455' FWL
RECOMMEND: APPROVAL

Unocal Oil & Gas Division

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

OIL CONSERVATION DIVISION

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UNOCAL 76

FEB 17 1994 PM 8 35

February 18, 1994

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

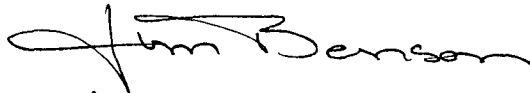
Gentlemen:

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

A. TYPE OF WORK DRILL ☒ DEEPEN ☐			5. LEASE DESIGNATION AND SERIAL NO. SF 079160	
B. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR UNION OIL COMPANY OF CALIFORNIA			7. UNIT AGREEMENT NAME RINCON	
3. ADDRESS AND TELEPHONE NO. P. O. Box 2620, Casper, WY 82602 (307)234-1563, ext. 116			8. FARM OR LEASE NAME WELL NO. RINCON 302	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 150' FNL, & 2455' FWL At proposed prod. zone Same			9. AN WELL NO.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 25 miles SE of Blanco, New Mexico			10. FIELD AND POOL, OR WILDCAT Basin Dakota/Largo Gallup	
16. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 150'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11, T26N, R7W	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1600'			12. COUNTY OR PARISH Rio Arriba	
20. NO. OF ACRES IN LEASE 1920.8			13. STATE New Mexico	
22. NO. OF ACRES ASSIGNED TO THIS WELL 320			19. PROPOSED DEPTH 7580'	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6702' GR			20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START* 4-15-94				

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8" -K-55	24#	350'	± 250 sxs Class "B"
7 7/8"	5 1/2" -K-55	17# & 15.5#	± 7580'	2 stage w/DV tool @ ± 5000' 1st-lead, ± 450 sxs "Lite", tail 125 sxs Class "B" 2nd-lead, ± 750 sxs "Lite", tail 125 sxs Class "B"

PROPOSED DRILLING PROGRAM

Drill 12 1/4" hole to 350' w/ spud mud. Run and cmt to surface 8 5/8" csg. Nipple up and test BOPE. Drill 7 7/8" hole to ± 7580'-TD w/ fresh water/gel mud system. Log and if productive, run and cement 5 1/2" csg in 2 stages w/"DV" tool @ ± 5000'. Selectively perforate the Dakota and Mesa Verde formations. Fracture stimulate both zones separately as required. Test and complete w/packer and 2 3/8" tbg.

NOTE: Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Union Oil Company of California (BLM Bond # CA0048).

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Jim Benson TITLE Drilling Superintendent DATE 1/12/94

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____ TITLE _____ DATE _____

*See Instructions On Reverse Side



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 Rincon Unit #229# - 660' FSL & 1190' FWL Sec. 34, T27N, R7W, Rio Arriba County, NM and Rincon Unit #302 - 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 the existing archeological sites and the surrounding topography. We inadvertently failed to include the archeological reports describing 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

94 FEB 24 AM 8 39
OIL CONSERVATION DIVISION
RECEIVED

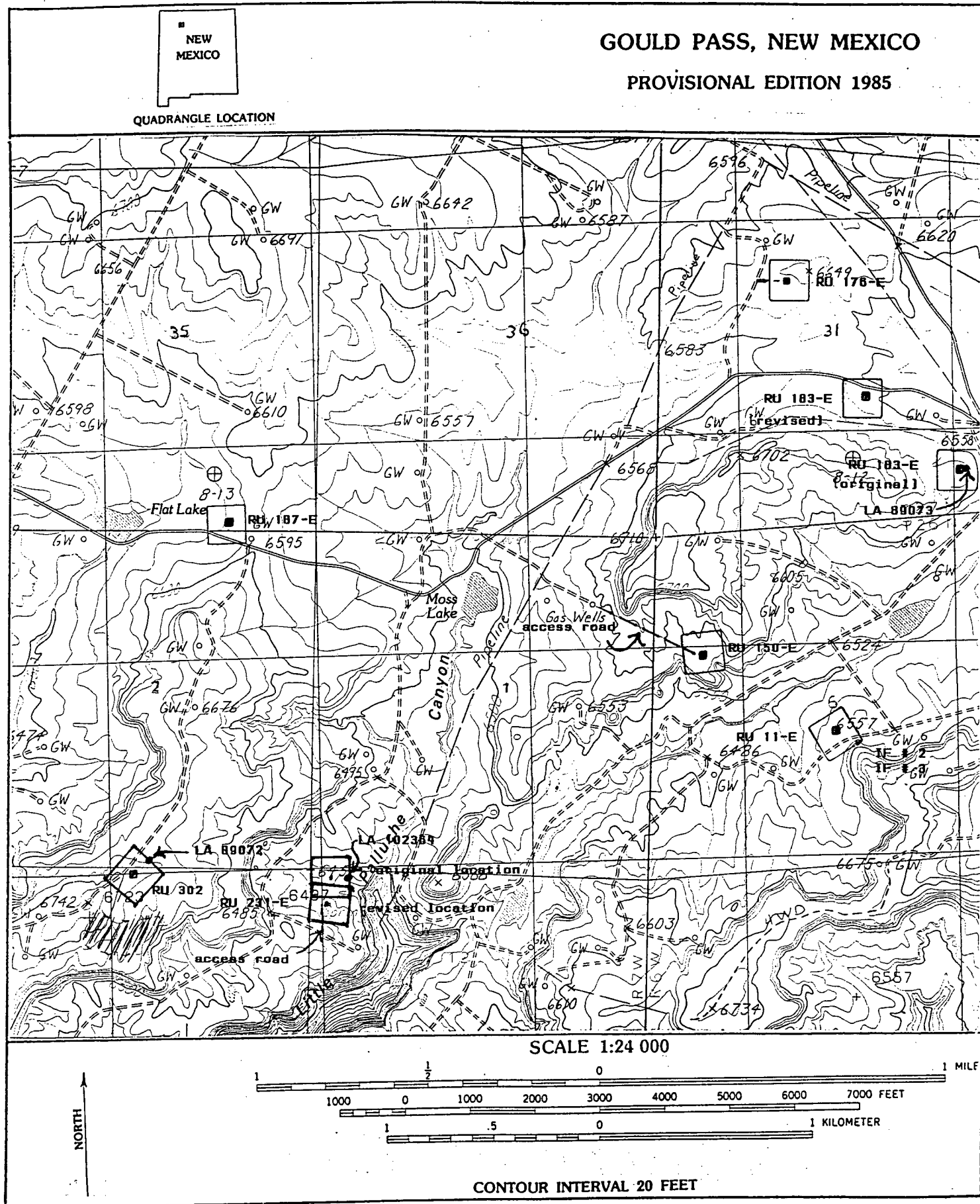


Figure 2. Location map for Rincon Unit Wells 11-E, 150-E, 176-E, 183-E, 187-E, 231-E, 302 and Sites LA 89072, LA 89073, and LA 102364 and Isolated Finds No. 2 and 3.

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Museum of New Mexico sites (Page 1 of 3).

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Museum of New Mexico sites (Page 2 of 3).

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	82994	Ceramic scatter Lithic	Anasazi	BM3-P1: AD 500-900
	82995	Hearth Stain	Navajo	Gobern: 1693-1753
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	83681	Fire-cracked/burned rock Lithic scatter Ground stone	Anasazi	Unknown

Site Descriptions

Site Number: LA 89072

Location: SW¼ of the SW¼ of the SE¼, Section 2, Township 26 North, Range 7 West, Rio Arriba County, New Mexico (Figure 2)

UTM Location: Zone 13, E 272200/N 4043060

Well Location: Rincon Unit 302

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

Cultural/Temporal Affiliation: Anasazi, Early Pueblo I, Rosa Phase

Site Type: Habitation

Description: LA89072 consists of a single pithouse depression and associated artifact scatter (Figure 43) in a sage-covered flat on Encinada Mesa (Figure 44), west of Little Palluche Canyon. The only obvious feature is a large, 12 m diameter depression marked with tall sagebrush. A possible jacal surface structure is indicated by a concentration, app 15 m long, of sherds, flaked lithics, and sandstone fragments, to the west of the pitstructure depression. Approximately 50 plain grayware sherds and brown rhyolite flakes are associated with the site. A packrat midden is present to the northeast of the pitstructure depression.

Significance: This undisturbed site is recommended as eligible to the NRHP due to its potential for yielding significant data concerning the prehistoric occupation of the area during the early Pueblo I period.

Project Effect: None. Site is in extreme northeastern edge of the surveyed buffer zone and will not be affected by construction.

Action Taken: None

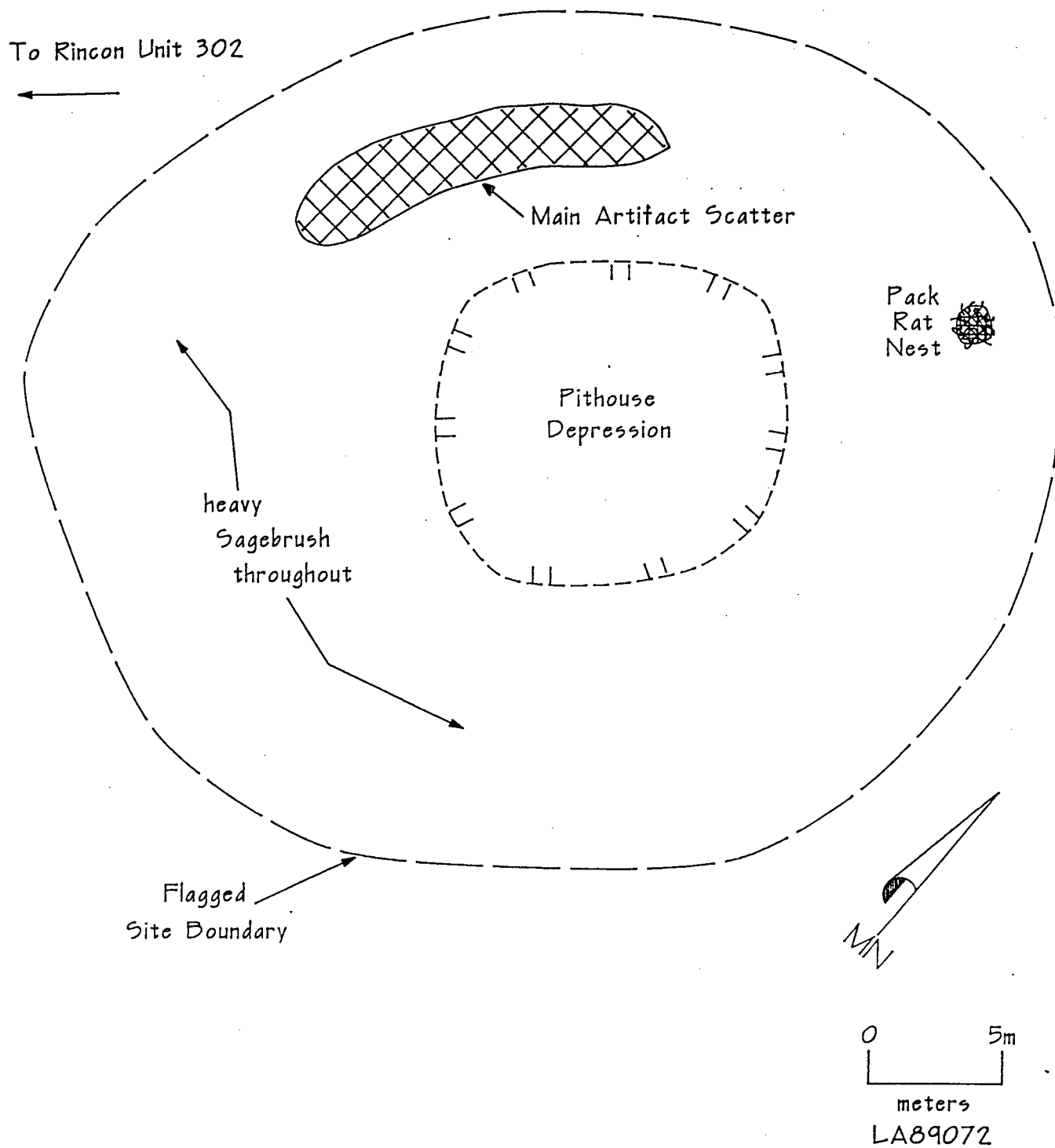


Figure 43. Site plan map, LA89072.

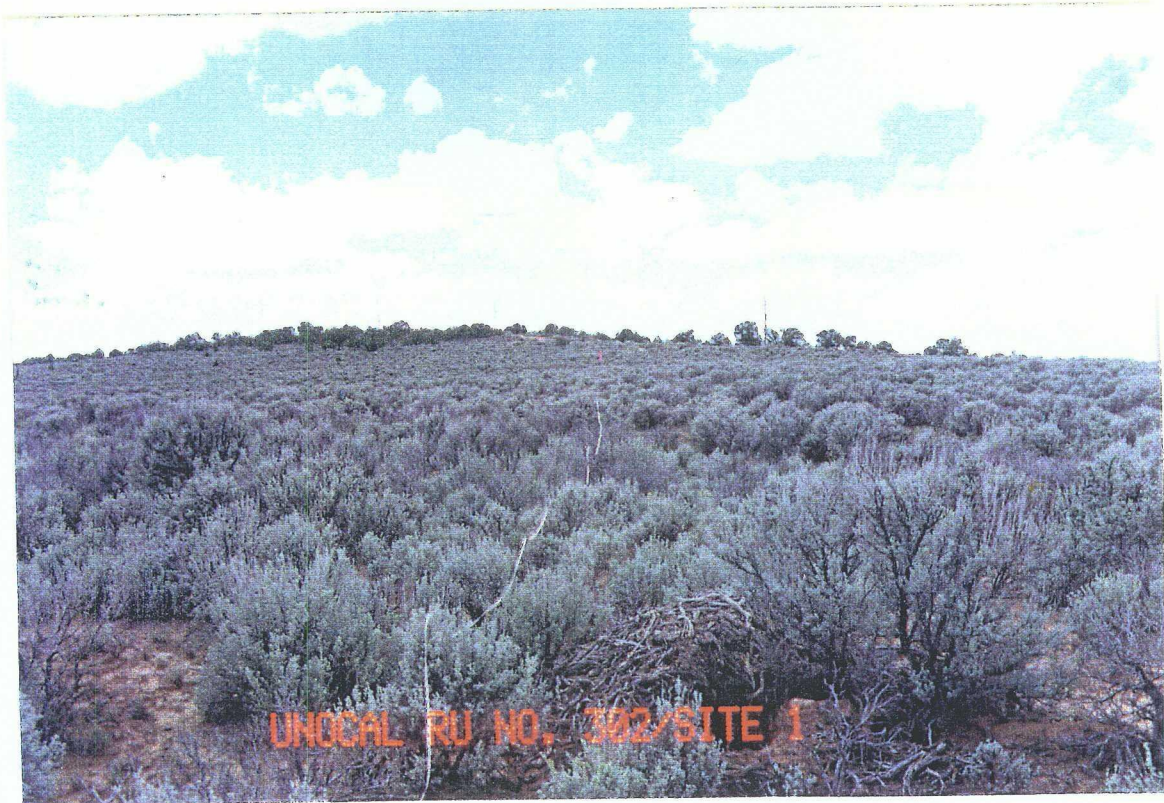


Figure 44. View of Site LA89072, looking southwest. Wellpad RU302 in background, packrat nest in foreground.

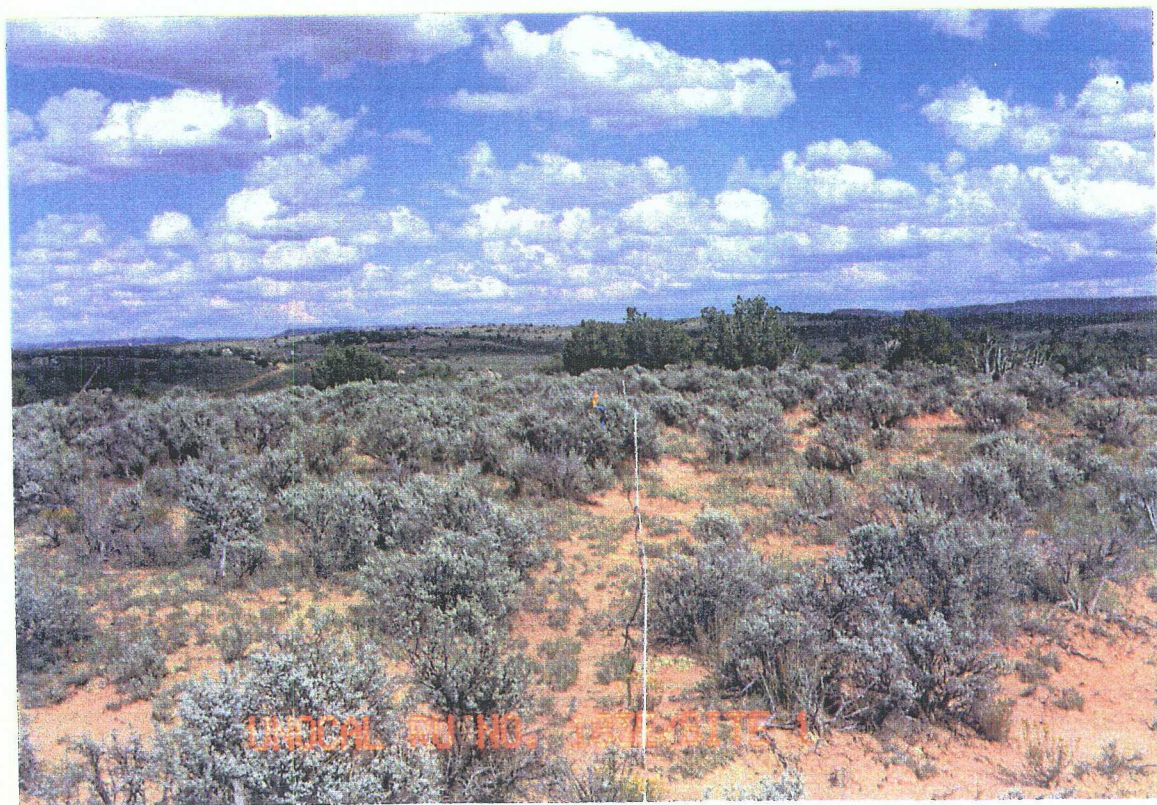


Figure 45. View of Site LA89073, looking north.

CMD
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

04/18/94 14:33:01
OGOMES -EMD6
PAGE NO: 1

Sec : 11 Twp : 26N Rng : 07W Section Type : NORMAL

D 40.00 Federal owned A	C 40.00 Federal owned	B 40.00 Federal owned	A 40.00 Federal owned
E 40.00 Federal owned	F 40.00 Federal owned	G 40.00 Federal owned A	H 40.00 Federal owned A

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

04/18/94 14:33:18
OGOMES -EMD6
PAGE NO: 2

Sec : 11 Twp : 26N Rng : 07W Section Type : NORMAL

L 40.00 Federal owned A	K 40.00 Federal owned	J 40.00 Federal owned	I 40.00 Federal owned
M 40.00 Federal owned A	N 40.00 Federal owned	O 40.00 Federal owned	P 40.00 Federal owned A

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12