

BANNON ENERGY INCORPORATED

3934 F.M. 1960 West, Suite 240
Houston, Texas 77068
(713) 537-9000

December 22, 1988

Mr. Mike Stogner
Energy and Minerals Dept.
Oil Conservation Division
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503

RE: Approval of Non Standard Location - Mesa 25-3R
960' FSL x 1160' FWL
Sec. 25 - T24N - R7W, Escrito Gallup Field
Rio Arriba County, New Mexico

Dear Mr. Stogner:

Please accept this letter as request for approval of non-standard location for the above referenced well. This well is being drilled as a replacement well for the Mesa 25-3 which was a Gallup producer and temporarily abandoned in June, 1987 due to a casing leak in the Mesaverde.

The archeological survey was conducted on November 18, 1988. The Mesa 25-3R was staked at the above referenced location. We request your approval of a location exception based on the following:

The natural fracture trend in the Escrito-Lybrook Gallup area is approximately 10 - 20 degrees east of north. The Mesa 25-3 was fracture stimulated upon completion and the subject replacement well will also be fracture stimulated. Due to the natural fracture orientation, as mentioned above, a replacement well drilled to the north or south of the original well, would have a high probability of direct communication with the original well. Also, there exists the chance of damaging the squeeze of the Mesaverde in the original well which could possibly water out the replacement well.

★ On November 18, the Division of Conservation Archeology of the San Juan County Museum Association conducted an archeological survey of the location area. The inspection revealed a site west and a site southwest of the existing well pad. The report no. 1437 ATTACHMENT NO. 1 recommended moving the drill pad to the east of the existing well and has granted clearance for this location.

Bannon operates the east offset well, (Mesa 25-2). This well is approximately 3200 feet from the proposed Mesa 25-3R location. Since the Escrito Gallup pool is spaced on 80 acres, no offset drainage problems will exist.

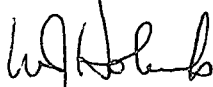
Mr. Mike Stogner
RE: Mesa 25-3R - Non Standard Location

December 22, 1988
Page 2.

ATTACHMENT NO. 2 is a map of offset leases within a one mile radius of the proposed location. The offset operators have been notified of this non-standard location request and copies of the registered receipts are shown as ATTACHMENT NO. 3.

Should you have any questions regarding this matter, please call Brad Salzman at (505) 326-0550. Thank you for your consideration in this matter.

Sincerely,

 - 326-0550
W. J. Holcomb
Operating Agent,
Bannon Energy, Inc.

WJH:slh

Attachments

cc: Ernie Busch
NMOCD - Aztec, New Mexico

DIVISION OF CONSERVATION ARCHAEOLOGY

San Juan County Museum Association
Farmington, New Mexico

An Archaeological Survey of
The Mesa #25-3R Well Pad North of
Lybrook, Rio Arriba County, New Mexico

for

Bannon Energy

by

Byron P. Johnson
Director

Technical Report No. 1437

December 6, 1988

Project No. 175-88-C

Cultural Resource Use Permit
7-2920-87-D (NM BLM)
State of New Mexico 88-010

An Archaeological Survey of
The Mesa #25-3R Well Pad North of
Lybrook, Rio Arriba County, New Mexico

for

Bannon Energy

Prepared
and
Submitted by

Byron P. Johnson
Director

DIVISION OF CONSERVATION ARCHAEOLOGY

Technical Report No. 1437
San Juan County Archaeological Research Center and Library

December 6, 1988

ABSTRACT

On November 18, 1988, the Division of Conservation Archaeology of the San Juan County Museum Association completed an archaeological survey of the Mesa #25-3R well location for Bannon Energy. The survey area is located north of Lybrook, Rio Arriba County, New Mexico and is under the jurisdiction of the Bureau of Land Management. Approximately 6.0 acres were intensively inventoried.

Two archaeological sites were found. DCA-88-253 is just west of an existing well and DCA-88-254 is southwest of the same well. The sites were avoided by locating the well pad to the east of the existing well. Archaeological clearance is recommended for the Mesa #25-3R well pad.

INTRODUCTION

On November 18, 1988, the Division of Conservation Archaeology (DCA) of the San Juan County Museum Association conducted an archaeological survey for Bannon Energy. Brad Salzman of Holcomb Oil and Gas, Farmington, New Mexico requested the survey on November 16, 1988 and administered the project for Bannon Energy. Byron P. Johnson administered the project for DCA.

In recognition of the limited, nonrenewable nature of archaeological remains, the federal government has enacted legislation that is designed to conserve and protect these resources. The principal legislation includes the Antiquities Act of 1906 (PL 52-209), the Historic Preservation Act of 1966 (PL 89-665) and, as amended (PL 96-515), the National Environmental Policy Act of 1969 (PL 91-852), the 1971 Executive Order No. 11593, the Archaeological and Historical Conservation Act of 1974 (PL 93-291), and the Archaeological Resources Protection Act of 1979 (PL 96-95). In addition, the Navajo Nation and the states of Arizona, New Mexico, Utah, and Colorado have enacted laws to ensure compliance with federal legislation and to protect archaeological resources within their jurisdiction. Work undertaken in the course of this project is intended to comply with these statutes and is governed by the stipulations of Cultural Resource Use Permit 7-2920-87-D (NM BLM) and State of New Mexico 88-010.

Byron Johnson, DCA archaeologist, surveyed the project area for cultural remains. Brad Salzman of Holcomb Oil and Gas accompanied the archaeologist during the fieldwork.

METHODS

The area was surveyed by walking zigzag transects spaced 15 m apart over the survey area. A buffer zone 100 ft wide around the perimeter of the well pad was also surveyed. The archaeologist recorded all cultural remains. Those whose information potential exceeded what could be extracted during the survey phase were assigned site status. Other cultural remains were documented as isolated loci (IL). Pertinent environmental data were also recorded.

In addition to field inspection, the archaeologist conducted a search of the records at the Bureau of Land Management (BLM), Farmington Resource Area and at DCA to determine if any sites had been recorded in the project area. Site and project records required by the BLM and the New Mexico Historic Preservation Division were completed.

PREVIOUSLY RECORDED SITES

The records check revealed six previously recorded sites within one mile of the proposed project area. Those sites are shown on BLM Supplement 1 which is provided to the BLM only. None of the sites are within 1000 ft of the project.

PROJECT DESCRIPTION

Mesa #25-3R

Legal Description: T24N, R7W, Section 25, NE 1/4 SW 1/4 SW 1/4
960' F/SL, 1160' F/WL
N.M.P.M., Rio Arriba County, New Mexico

Map Source: U.S.G.S. 7.5' Crow Mesa East, New Mexico 1985
(Provisional Edition)

Land Jurisdiction: Bureau of Land Management

Project Area: 150' x 280' (well pad)

Surveyed Area: 450' x 580' (well pad with buffer)
6.0 Acres

Description: The proposed well pad (Figure 1) is located 3.5 miles north-northeast of Lybrook, New Mexico on the south edge of a long finger of Crow Mesa and overlooks an unnamed tributary of Johnson Canyon.

Vegetative cover is 40 to 60% pinyon pine (Pinus edulis) and juniper (Juniperus sp.) with lesser amounts of sagebrush (Artemisia tridentata), snakeweed (Gutierrezia sarothrae), Mormon tea (Ephedra sp.), prickly pear cactus (Opuntia sp.), and various grasses.

The proposed Mesa #25-3R well pad overlaps the existing Mesa 25-3 well pad (Figure 2) with the centers being only 200 ft apart. The proposed well was intended to be west of the existing well pad, but two archaeological sites were found west and southwest of the original well pads forcing the proposed pad to the east.

Cultural Resources: Two sites, DCA-88-253 and DCA-88-254, were located west and southwest of the existing well pad.

DCA-88-253 is a small (8 x 8 m) sherd and lithic scatter with three features, one containing a probable hearth. The site is located 6 m west of an existing well pad (Mesa 25-3) and 10 m north of that well pad is access road. The site was not recorded during the original survey but was not impacted during construction of the well pad.

Feature 1 consists of a probable hearth with several pieces of fire-altered sandstone and a 1.5 x 2.0 m charcoal stain. The feature also contains one gray quartzite secondary flake, a core of the same material, a Navajo gray ware sherd, and three terrace gravel cobbles which have been used as hammerstones.

Feature 2 is a small cluster (2 x 2 m) of nine Navajo gray ware sherds with sand temper.

Feature 3 is another 2 x 2 m cluster of Navajo sherds (6) and a 7 x 4.5 x 4 m quartzite cobble hammerstone.

All three features probably contain intact subsurface deposits.

DCA-88-254 is a 5 x 10 m sherd, lithic and fire-cracked rock scatter which is located 70 m south of the existing access road and 25 m west of the Mesa 25-3 well pad. Ten Navajo gray ware sherds and a concentration of fire-cracked rock in a small drainage were noted. An inspection of the drainage erosion suggests intact deposits of 10 to 30 cm may exist in the site.

Recommendations: Both sites are adequately avoided with the well pad at its present location (960S, 1160W). Archaeological clearance is recommended for the Mesa #25-3R well pad.

Form C-102
Revised 10-1-72

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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

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?

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.

2/16/89

for my telephone conversation w/ Off. Walker on 2/16/89

E. Bosch took it should be 320 gas well.

Standard 640 acre

S. 1000 (4000)

Bannan Energy Corp. MESA 25 #2 2140'x12100'x152' S. 1000 9123/61 Escrito Gallup Assoc. (Gas) Pool 320 acre 5/4 deduction

N 87° 11' W

1989

1160'

960'55"

39.19 CHS

960'

NOT 06° E

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900 10230 10560 10890 11220 11550 11880 12210 12540 12870 13200 13530 13860 14190 14520 14850 15180 15510 15840 16170 16500 16830 17160 17490 17820 18150 18480 18810 19140 19470 19800 20130 20460 20790 21120 21450 21780 22110 22440 22770 23100 23430 23760 24090 24420 24750 25080 25410 25740 26070 26400 26730 27060 27390 27720 28050 28380 28710 29040 29370 29700 30030 30360 30690 31020 31350 31680 32010 32340 32670 33000 33330 33660 33990 34320 34650 34980 35310 35640 35970 36300 36630 36960 37290 37620 37950 38280 38610 38940 39270 39600 39930 40260 40590 40920 41250 41580 41910 42240 42570 42900 43230 43560 43890 44220 44550 44880 45210 45540 45870 46200 46530 46860 47190 47520 47850 48180 48510 48840 49170 49500 49830 50160 50490 50820 51150 51480 51810 52140 52470 52800 53130 53460 53790 54120 54450 54780 55110 55440 55770 56100 56430 56760 57090 57420 57750 58080 58410 58740 59070 59400 59730 60060 60390 60720 61050 61380 61710 62040 62370 62700 63030 63360 63690 64020 64350 64680 65010 65340 65670 66000 66330 66660 66990 67320 67650 67980 68310 68640 68970 69300 69630 69960 70290 70620 70950 71280 71610 71940 72270 72600 72930 73260 73590 73920 74250 74580 74910 75240 75570 75900 76230 76560 76890 77220 77550 77880 78210 78540 78870 79200 79530 79860 80190 80520 80850 81180 81510 81840 82170 82500 82830 83160 83490 83820 84150 84480 84810 85140 85470 85800 86130 86460 86790 87120 87450 87780 88110 88440 88770 89100 89430 89760 90090 90420 90750 91080 91410 91740 92070 92400 92730 93060 93390 93720 94050 94380 94710 95040 95370 95700 96030 96360 96690 97020 97350 97680 98010 98340 98670 99000 99330 99660 99990 100320 100650 100980 101310 101640 101970 102300 102630 102960 103290 103620 103950 104280 104610 104940 105270 105600 105930 106260 106590 106920 107250 107580 107910 108240 108570 108900 109230 109560 109890 110220 110550 110880 111210 111540 111870 112200 112530 112860 113190 113520 113850 114180 114510 114840 115170 115500 115830 116160 116490 116820 117150 117480 117810 118140 118470 118800 119130 119460 119790 120120 120450 120780 121110 121440 121770 122100 122430 122760 123090 123420 123750 124080 124410 124740 125070 125400 125730 126060 126390 126720 127050 127380 127710 128040 128370 128700 129030 129360 129690 130020 130350 130680 131010 131340 131670 132000 132330 132660 132990 133320 133650 133980 134310 134640 134970 135300 135630 135960 136290 136620 136950 137280 137610 137940 138270 138600 138930 139260 139590 139920 140250 140580 140910 141240 141570 141900 142230 142560 142890 143220 143550 143880 144210 144540 144870 145200 145530 145860 146190 146520 146850 147180 147510 147840 148170 148500 148830 149160 149490 149820 150150 150480 150810 151140 151470 151800 152130 152460 152790 153120 153450 153780 154110 154440 154770 155100 155430 155760 156090 156420 156750 157080 157410 157740 158070 158400 158730 159060 159390 159720 160050 160380 160710 161040 161370 161700 162030 162360 162690 163020 163350 163680 164010 164340 164670 165000 165330 165660 165990 166320 166650 166980 167310 167640 167970 168300 168630 168960 169290 169620 169950 170280 170610 170940 171270 171600 171930 172260 172590 172920 173250 173580 173910 174240 174570 174900 175230 175560 175890 176220 176550 176880 177210 177540 177870 178200 178530 178860 179190 179520 179850 180180 180510 180840 181170 181500 181830 182160 182490 182820 183150 183480 183810 184140 184470 184800 185130 185460 185790

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

By: W. F. Holcomb
Bradley W. Salzman
Name _____

Name

AGENT

Position

BANNON ENERGY

Company

NOVEMBER 22, 1988

Date _____

I hereby certify that the well location shown on the plot was determined from field notes of General Harvey made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

9879
R. HOWARD DAVIS
R. HOWARD DAVIS

Date Survey _____

November 18, 1988

Registered Land Surveyor

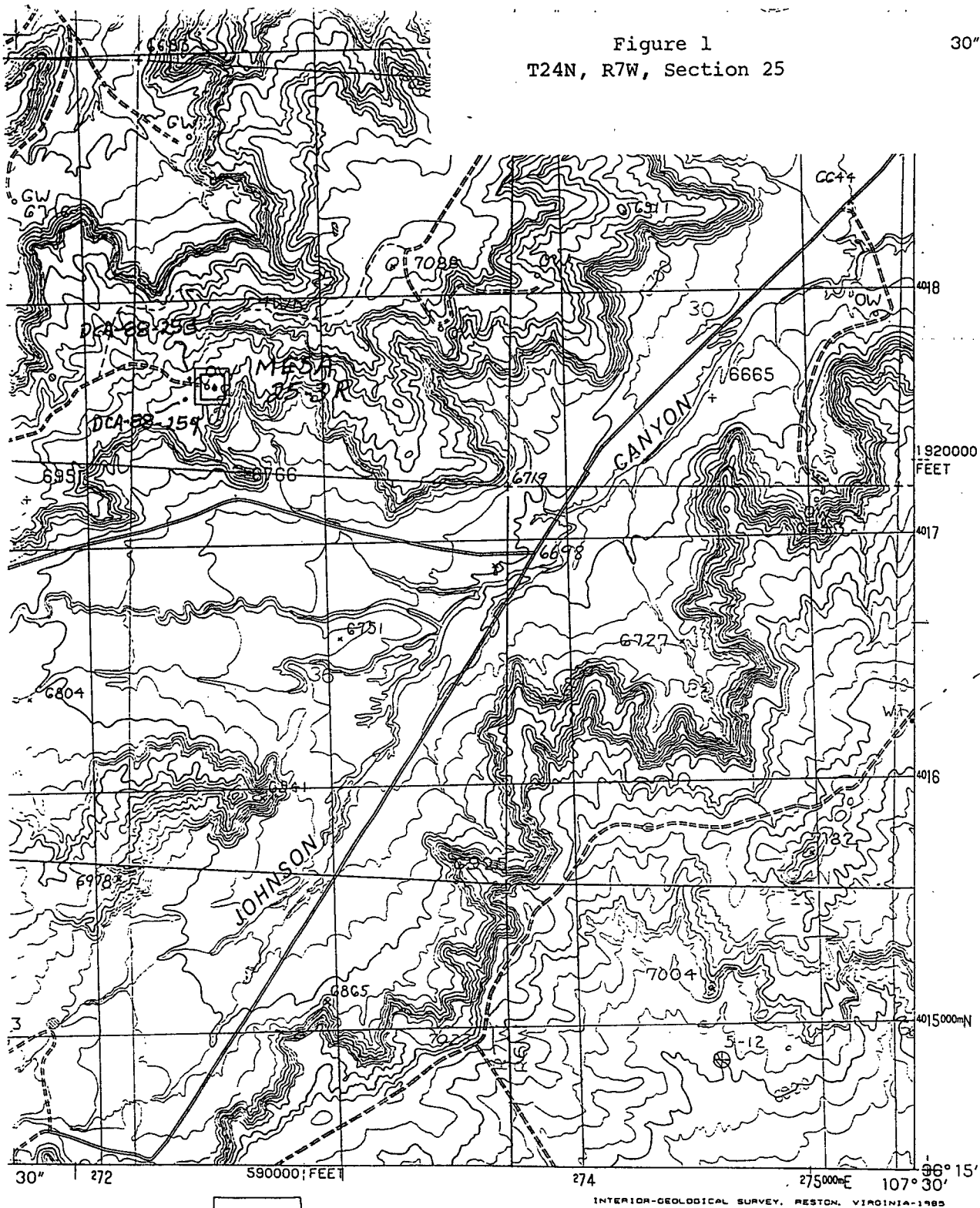
R. Howard Daggett

R. Howard Duggen
Certificate No.

9679

Figure 1
T24N, R7W, Section 25

30"



QUADRANGLE LOCATION

1	2	3	1 Thompson Mesa
			2 Smouse Mesa
			3 Gonzales Mesa
4		5	4 Crow Mesa West
			5 Taloya Canyon
			6 Lybrook NW
6	7	8	7 Lybrook
			8 Connector

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND

Improved Road
Unimproved Road
Trail

○ Interstate Route □ U.S. Route ○ State Route

CROW MESA EAST, NEW MEXICO
PROVISIONAL EDITION 1985

36107-C5-TF024

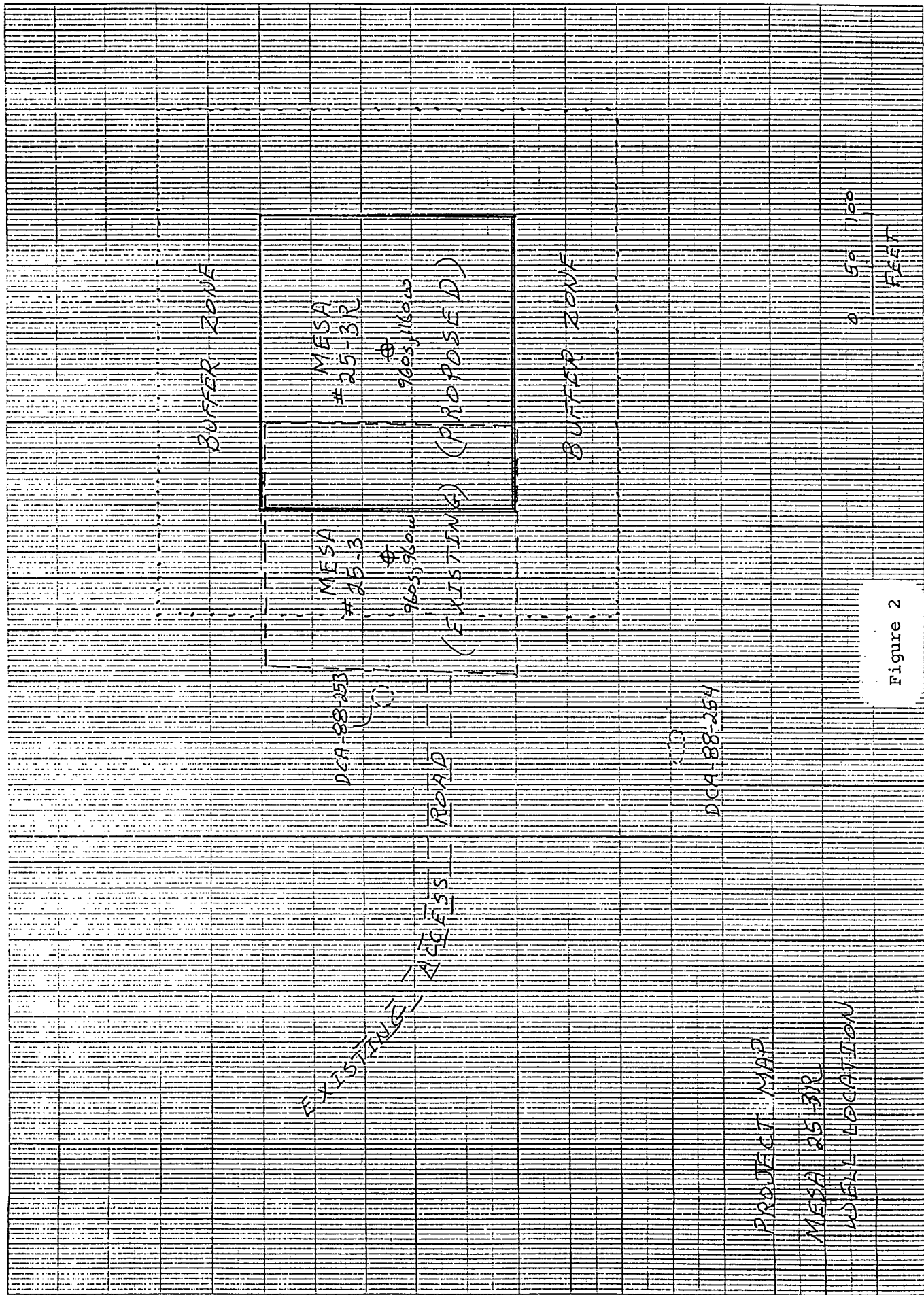
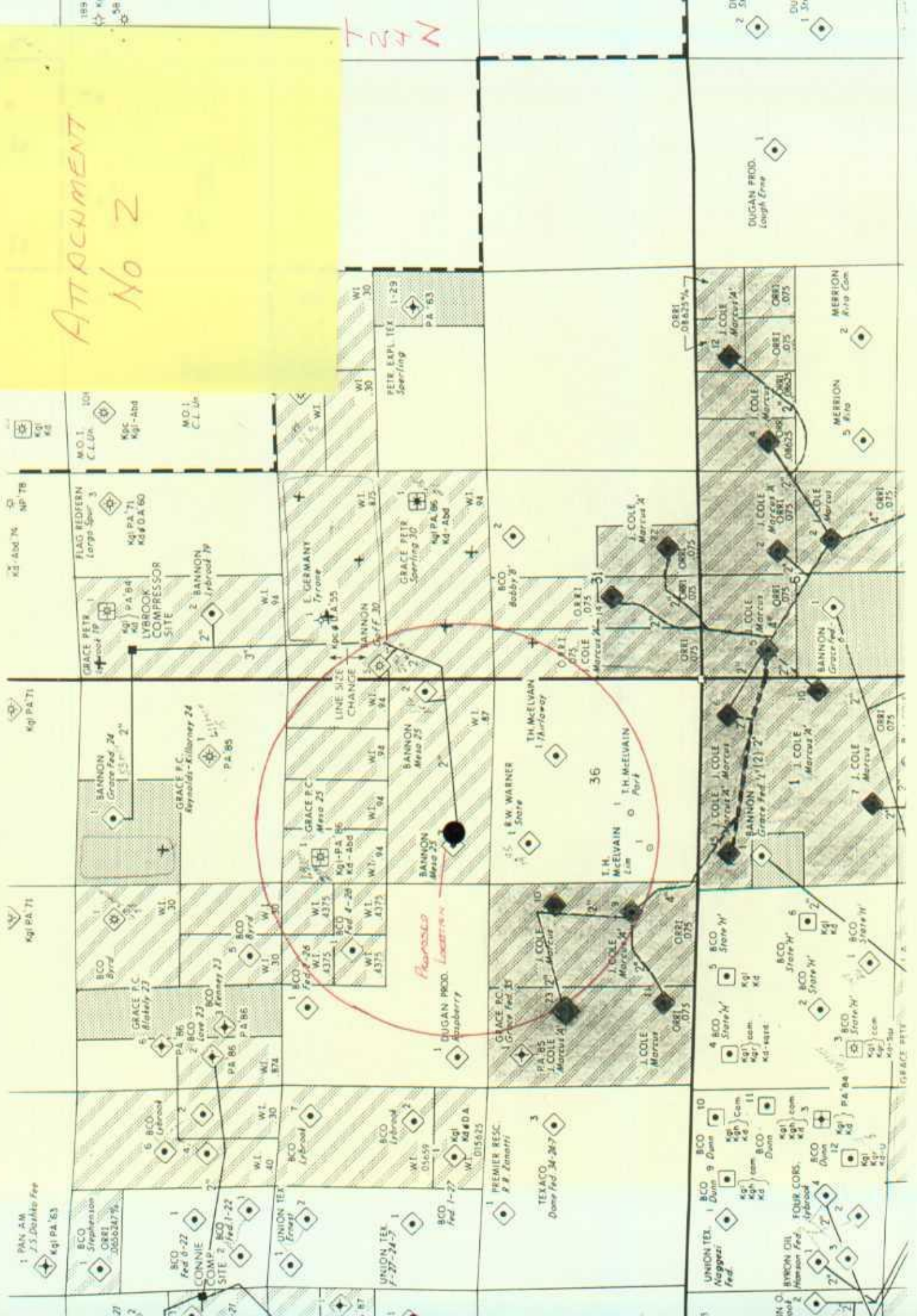
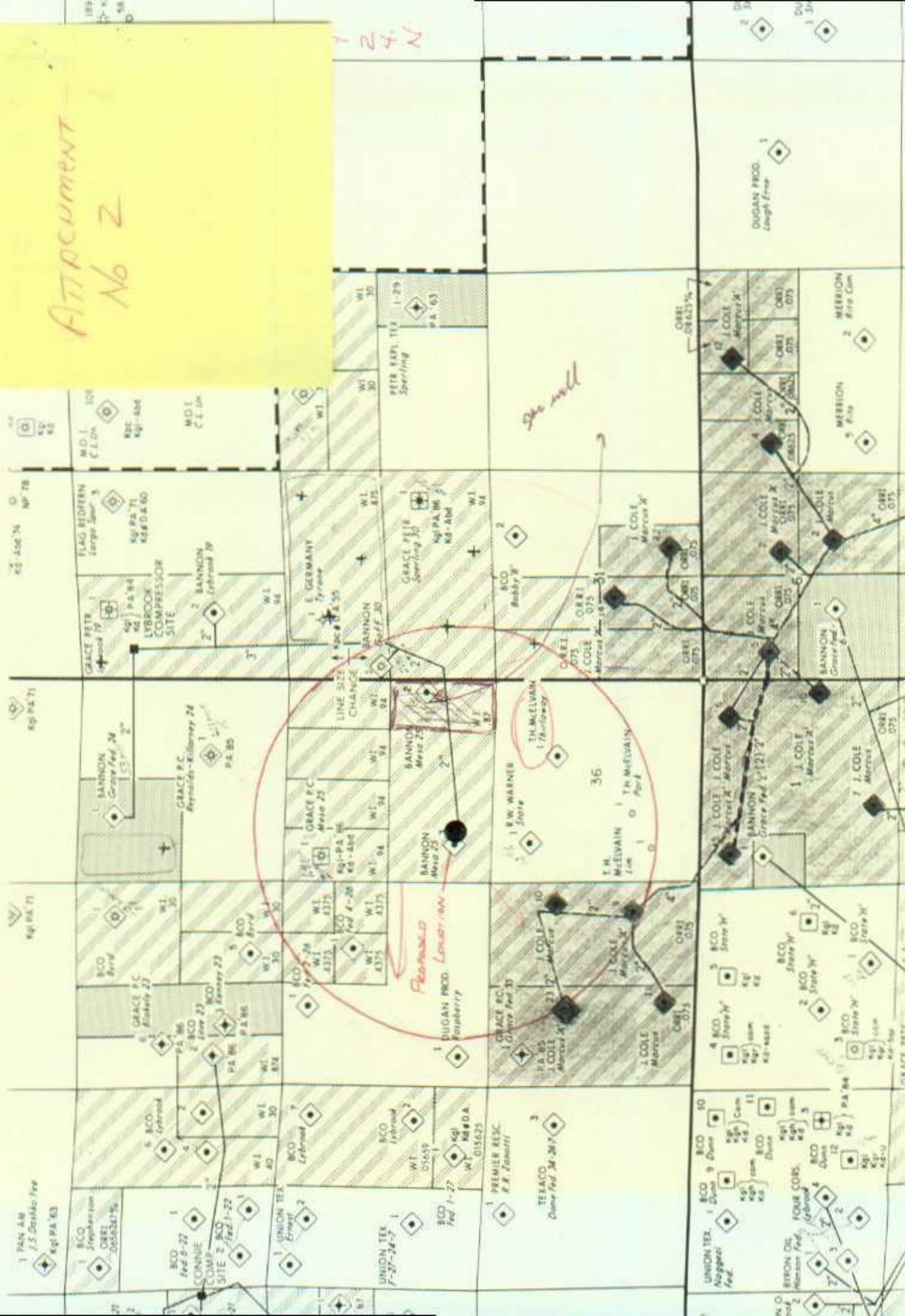


Figure 2

$$K_{\text{net}} = Z$$


RR-763



PS Form 3800, June 1985

Sent to T. H. MCELVAIN	
Street and No.	
P.O. State and ZIP Code P.O. BOX 2148, SANTA FE, N.M. 87504	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing Date, and Address of Deliverer	
TOTAL Postage and Fees	
Postmark or Date	

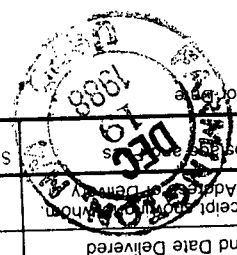
P 718 635 394
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)



PS Form 3800, June 1985

Sent to R.W. Warner	
Street and No.	
P.O. State and ZIP Code PO Box 980 Buffalo MO 65622	
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Return Receipt showing Date, and Address of Deliverer	
TOTAL Postage and Fees	
Postmark or Date	

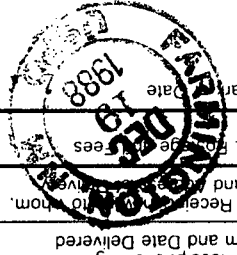
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(See Reverse)



PS Form 3800, June 1985

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Street and No.	
P.O. State and ZIP Code PO Box 208 Farmington NM 87499	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
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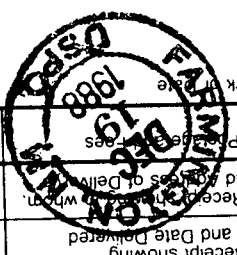
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PS Form 3800, June 1985

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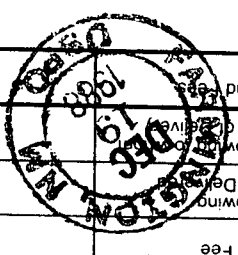
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NO INSURANCE COVERAGE PROVIDED
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(See Reverse)



PS Form 3800, June 1985

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Street and No. 135 GRANT AVE.	
P.O. State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing Date, and Address of Deliverer	
TOTAL Postage and Fees	
Postmark or Date	

P 718 635 397
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(See Reverse)





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

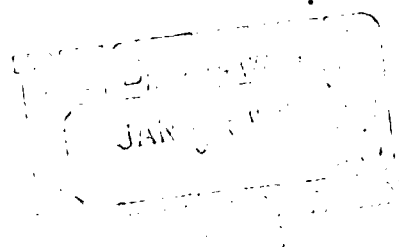
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

TEXT (10) (10) (10) (10) (10)
AZTEC, NEW MEXICO 87410
(505) 334-6170

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 1-3-89

RE: Proposed HC _____
Proposed DIIC _____
Proposed HSL X _____
Proposed SWD _____
Proposed WFX _____
Proposed PHX _____



Gentlemen:

I have examined the application dated 12-27-88

for the CARLSON ENERGY INC. MESA 25#3R M-25-241-7W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

APPROVE

Yours truly,

Em Busch



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

January 18, 1989

Bannon Energy Incorporated
3934 F.M. 1960 West, Suite 240
Houston, TX 77068

Attention: W.J. Holcomb
Operating Agent

RE: Application for a non-standard
location; Mesa "25" Well No. 3R; 960
FSL - 1160 FWL; Section 25, Township
24 North, Range 7 West, Escrito Gallup
Associated Pool, Rio Arriba County.

Dear Mr. Holcomb:

Per your application dated December 22, 1988, please submit a copy of the
proposed well's C-102 showing the acreage to be dedicated to this well.

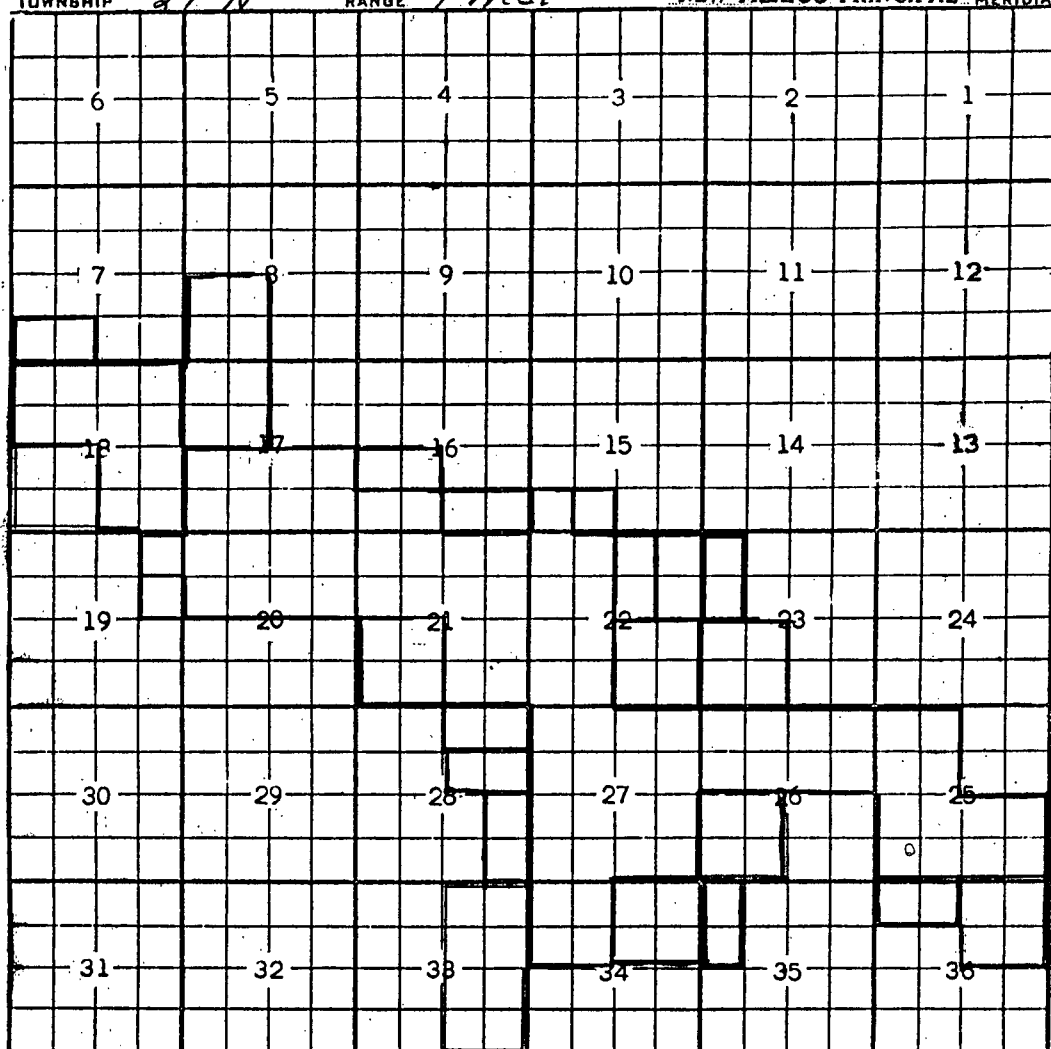
Sincerely,

A handwritten signature in dark ink, appearing to read "Michael E. Stogner", with a long horizontal flourish extending to the right.

Michael E. Stogner
Administrative Application Reviewer

cc: Oil Conservation Division - Aztec
Vic Lyon

County Rio Arriba Pool Escrito - Gallup Associated
TOWNSHIP 24 N RANGE 7 West NEW MEXICO PRINCIPAL MERIDIAN



Redefined: $\frac{SW}{4} \frac{SW}{4}$ Sec. 15; $\frac{SE}{4} \frac{SW}{4}$ Sec. 16; $\frac{SE}{4}$ Sec. 17; $\frac{NE}{4} \frac{NE}{4}$ Sec. 19;
 $\frac{N}{2}$ Sec. 20; $\frac{N}{2} \neq \frac{SE}{4}$ Sec. 21; $\frac{W}{2}$ Sec. 22; $\frac{SE}{4} \neq \frac{NW}{4}$ Sec. 25; $\frac{N}{2}$ Sec. 26;
 All Sec. 27; $\frac{NW}{4}$ Sec. 34. (For Ext. & Contr. Thru 1960 - See VR Cards)
 Ext: $\frac{SE}{4} \frac{SE}{4}$ Sec. 16; $\frac{N}{2} \neq \frac{SE}{4}$ Sec. 18 (R-1858, 2-1-61) - $\frac{SE}{4}$ Sec. 22 (R-1879, 3-1-61)
 - $\frac{SE}{4} \frac{SW}{4}$ Sec. 7; $\frac{SE}{4} \frac{SW}{4}$ Sec. 15; $\frac{N}{2} \frac{SW}{4}$ Sec. 16; $\frac{SE}{4} \frac{NE}{4}$ Sec. 19 (R-1982, 6-1-61)
 - $\frac{W}{2} \frac{NE}{4}$ Sec. 22; $\frac{N}{2} \frac{NE}{4}$ Sec. 28 (R-2048, 9-1-61) - $\frac{SW}{4}$ Sec. 23 (R-2102, 11-1-61)
 - $\frac{SE}{4} \frac{NE}{4}$ Sec. 22 (R-7188, 3-1-62) - $\frac{W}{2} \frac{NW}{4}$ Sec. 23 (R-2173, 7-1-62) - $\frac{N}{2} \frac{NW}{4}$ Sec. 36 (R-2428, 3-1-63)
 Ext: $\frac{E}{2}$ Sec. 33 (R-5129, 1-1-76) Ext: $\frac{SW}{4}$ Sec. 18 (R-5339, 2-1-77)
 Ext: $\frac{SW}{4}$ Sec. 26 (R-6180, 11-1-79) Ext: $\frac{SW}{4}$ Sec. 21 (R-6327, 5-1-80)
 Ext: $\frac{SE}{4} \frac{NE}{4}$ Sec. 28, $\frac{W}{2} \frac{NW}{4}$ Sec. 35 (R-6886, 1-22-82)
 Ext: $\frac{SW}{4}$ Sec. 8, $\frac{NW}{4}$ Sec. 17, $\frac{NE}{4}$ Sec. 34 (R-7185, 1-13-83)
 Ext: $\frac{E}{2} \frac{SE}{4}$ Sec. 28 (R-7704, 1-8-85) EXT: $\frac{NE}{4}$ Sec. 36 (R-8715, 9/12/88)

Reading

BANNON ENERGY INCORPORATED

3934 F.M. 1960 West, Suite 240

Houston, Texas 77068

(713) 537-9000

FAX (713) 537-8624

September 18, 1989

Frank Chavez
New Mexico Oil Conservation Division
1000 Rio Brazos, New Mexico 87410

Re: Rededication of Acreage
S1/2 Section 25 T24N, R7W
Rio Arriba County, New Mexico

Dear Mr. Chavez

Enclosed please find copies of C102's for two existing wells (Mesa 25-2 and Mesa 25-3R) and two proposed wells (Mesa 25-4 and Mesa 25-5).

We request 80 acre dedication for each of the four (4) wells as shown on the plats. Please approve at your earliest convenience in order to expedite our APD process on the proposed wells.

Should you have any questions or need further information, please call Brad Salzman at (505) 326-0550.

Sincerely

Brad Salzman

Brad Salzman
Agent, Bannon Energy, Inc.

BS/ck

From: Holcomb Oil + Gas

To: OGD

ATTN: Mike Stogner

STATE OF NEW MEXICO)
) ss.
COUNTY OF SAN JUAN)

On this 18th. day of September, 1989, before me personally
appeared B. W. SALZMAN, to me known to be the person described
in and who executed the foregoing instrument, and acknowledged
that he executed the same as his free act and deed.

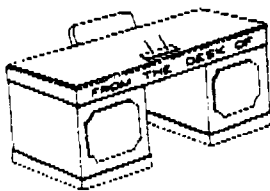
[Signature]
Notary Public

My Commission Expires:

November 6, 1989

My Comm.

11-6-89



BRAD W. SALZMAN

FRANK,

THIS IS THE ORIGINAL AKEAGE
DEDICATION PLAT THAT WAS IN
OUR WELL FILE WHEN BANKON
PURCHASED THE WELL.

I'm NOT SURE IF IT'S NEEDED OR
NOT, BUT I SENT YOU A COPY
ANYWAY

THANKS,

BRAD

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plot 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?

Q. Yes. No. If answer is "yes," type of consolidation

Answer to "no" list the owners and tract descriptions which have actually been consolidated (the reverse side of the form of Appendix 1)

A well will be assigned to the well until all interests have been consolidated by communitization, unitization, leasehold pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

N 87° 03' W

40.95 E

S 89° 18' CHS

N 87° 11' W

160'

1160'

SECRET

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

Charles W. Salmon

Y. A. L.

BANARON A. NEELY

— 20 —

November 22, 1978

150

...will location
...of ...
...from field
...by me or
...the same
...at my

0079

Bobo Survan

November 18, 1988

Registered LONGSTREET

R. Howard Daggett

P. Howard Dungen
Certificate No.

Certificate No.

9679

Reading

BANNON ENERGY INCORPORATED

3934 F.M. 1960 West, Suite 240
Houston, Texas 77068
(713) 537-9000
FAX (713) 537-8624

September 18, 1989

Frank Chavez
New Mexico Oil Conservation Division
1000 Rio Brazos, New Mexico 87410

Re: Rededication of Acreage
S1/2 Section 25 T24N, R7W
Rio Arriba County, New Mexico

Dear Mr. Chavez

Enclosed please find copies of C102's for two existing wells (Mesa 25-2 and Mesa 25-3R) and two proposed wells (Mesa 25-4 and Mesa 25-5).

We request 80 acre dedication for each of the four (4) wells as shown on the plats. Please approve at your earliest convenience in order to expedite our APD process on the proposed wells.

Should you have any questions or need further information, please call Brad Salzman at (505) 326-0550.

Sincerely

Brad Salzman

Brad Salzman
Agent, Bannon Energy, Inc.

BS/ck

STATE OF NEW MEXICO)
) ss.
COUNTY OF SAN JUAN)

On this 18th. day of September, 1989, before me personally
appeared B. W. SALZMAN, to me known to be the person described
in and who executed the foregoing instrument, and acknowledged
that he executed the same as his free act and deed.

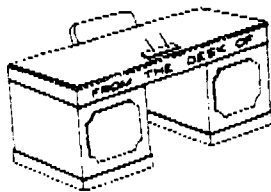
[Signature]
Notary Public

My Commission Expires:

November 6, 1989

My Comm. Expires

11-6-89



BRAD W. SALZMAN

FRANK,

THIS IS THE ORIGINAL ACCEDE
DEDICATION ROT THAT WAS IN
OUR WELL FILE WHEN BANNON
PURCHASED THE WELL.

I'm NOT SURE IF IT'S NEEDED OR
NOT, BUT I SENT YOU A COPY
ANYWAY

THANKS,

BRAD

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2068
SANTA FE, NEW MEXICO 37501Form C-102
Revised 10-1-78

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

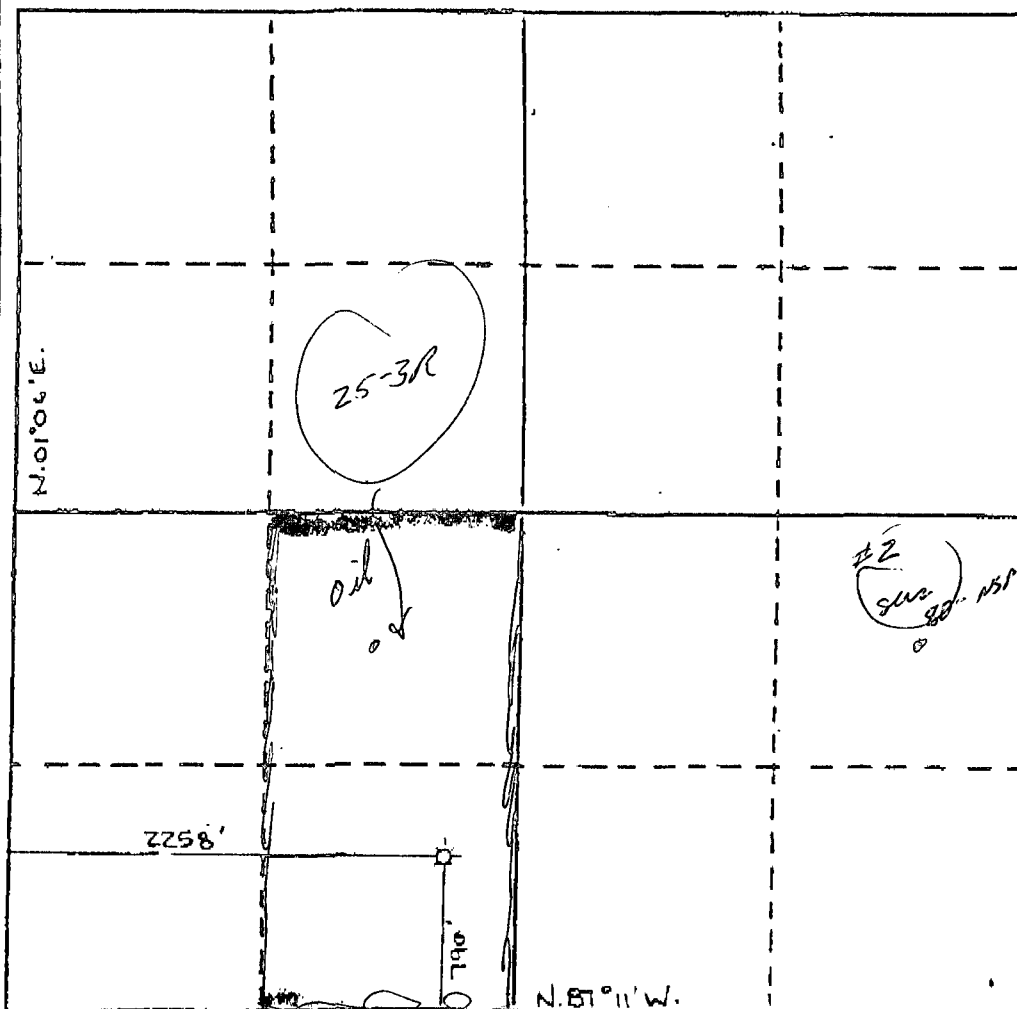
Operator BANNON ENERGY, INC.		Lease MESA 25		Well No. 4
Unit Letter N	Section 25	Township T24N	Range R7W	County RIO ARriba COUNTY
Actual Surface Location of 790 from the SOUTH line and 2258 feet from the WEST line				
Ground Level Elev. 6804	Producing Formation Gallup	Pool Escrito	Dedicated Acreage 80 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.



CERTIFICATION

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

 Name
Operating Agent
Bannon Energy, Inc.
Company
August 24, 1989
Date

I have surveyed the well location shown on this plat and have placed from field notes or records 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
Registered Professional
JULY 28 1989

 Registered Land Surveyor
R. Howard Daggett
Certificate No. 9679

ASSOCIATED OIL AND GAS POOLS
Northwest and Southeast New Mexico

Order No. R-5353, Adopting Special Rules and Regulations for Certain Associated Oil and Gas Pools and General Rules and Regulations for All Associated Oil and Gas Pools in Northwest and Southeast New Mexico, February 1, 1977.

Order No. R-5353 reclassifies as an oil pool, and rescinds Order No. R-4359, August 1, 1972, as amended by Order No. R-4583, August 1, 1973, adopting rules for the Jennings-Delaware Associated Pool, Lea County, New Mexico.

Order No. R-5353 reclassifies as an oil pool, and rescinds Order No. R-3437, June 18, 1968, as amended by Order No. R-3437-A, July 17, 1969, Order No. R-3437-B, January 15, 1971, Order No. R-4367, August 30, 1972, and Order No. R-4583, August 1, 1973, adopting rules for the North Paduca-Delaware Pool, Lea County, New Mexico.

Order No. R-5353 reclassifies as an oil pool the Northwest Todd-San Andres Associated Pool. See separate Order No. R-4441-A, February 1, 1977, adopting special rules for the Northwest Todd-San Andres Pool.

Application of the Oil Conservation Commission on its Own Motion to Consider the Adoption of General Rules and Regulations Governing All Associated Oil and Gas Pools of Southeast and Northwest New Mexico and the Adoption of Special Rules for Certain Associated Pools.

CASE NO. 5813
 Order No. R-5353

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on November 23, 1976, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 17th day of January, 1977, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the Commission has heretofore created and designated six pools in Northwest New Mexico and 15 pools in Southeast New Mexico as "associated" oil and gas pools, being pools in which a gas cap was found to overlie an oil zone.

(3) That in order to prevent waste and to protect correlative rights, the Commission has heretofore promulgated special rules and regulations for said associated oil and gas pools, as follows:

NORTHWEST NEW MEXICO

POOL	COUNTY	ORDER NO.
Angels Peak-Gallup	San Juan	R-1410-C
Devils Fork-Gallup	Rio Arriba	R-5181
Escrito-Gallup	Rio Arriba	R-1793-A
Gallegos-Gallup	San Juan	R-3707
Tapacito-Gallup	Rio Arriba	R-3211
Tocito Dome-Pennsylvanian "D"	San Juan	R-2758

SOUTHEAST NEW MEXICO

POOL	COUNTY	ORDER NO.
Bluitt-San Andres	Roosevelt	R-1670-I
Southeast Chaves Queen		
Gas Area	Chaves	R-4435
South Dagger Draw-Upper		
Pennsylvanian	Eddy	R-4637
Double L-Queen	Chaves	R-3981-A
Jennings-Delaware	Lea	R-4359
Mesa-Queen	Lea	R-2935
North Paduca-Delaware	Lea	R-3437
Penasco Draw-San Andres-Yeso	Eddy	R-4365
Peterson-Pennsylvanian	Roosevelt	R-4538
Round Tank-Queen	Chaves	R-1670-J
Sawyer-San Andres	Lea	R-1517
Todd-Lower San Andres	Roosevelt	R-1670-G
		R-3153
Northwest Todd-San Andres	Roosevelt	R-4441
Twin Lakes-San Andres	Chaves	R-4102
Vest Ranch-Queen	Chaves	R-5180

(4) That the aforesaid special rules and regulations for the above-named associated oil and gas pools provide, among other things, for the definition of oil wells and gas wells, the size of oil spacing units and gas spacing units, standard well locations, gas-oil ratio limitations, well testing, and gas well allowables.

(5) That there is a wide variation in the various special pool rules applicable to the aforesaid associated pools, not only in substantive content and purpose, but also in format and general manner of presentation.

(6) That said variations have caused confusion and have resulted in unnecessary administrative burden to both the operators in said pools and the Commission.

(7) That the adoption of general rules applicable to all associated pools, with provision for certain special rules applicable to particular pools only, would tend to eliminate said confusion and would ease the administrative burden of both the operators in said pools and the Commission.

(8) That in order to more nearly equalize the time frame within which oil wells and gas wells in associated pools may produce their current allowable, thereby equalizing withdrawals from their respective portions of the associated reservoir, the general rules for associated pools should provide for a one-month proration period for gas wells, and oil wells should continue to be operated under the provisions of Rule 502 of the Commission General Rules and Regulations.

(9) That in order to provide a reasonable period of time for the production of the current allowable from a gas well in an

(GENERAL RULES AND REGULATIONS - ASSOCIATED OIL AND GAS POOLS - Cont'd.)

associated pool, provision should be made in the general associated pool rules for underproduction from such well to be carried forward into subsequent proration periods, provided however, that such underproduction in excess of three times the current monthly allowable should not be carried forward, but should be cancelled.

(10) That in order to provide a reasonable period of time in which overproduction of current allowable by a gas well in an associated pool may be compensated for by underproduction, provision should be made in the general associated pool rules for such overproduction to be carried forward into subsequent proration periods, provided however, that any well which is overproduced by an amount exceeding three times its current monthly allowable should be shut in until such well is overproduced by an amount less than three times its current monthly allowable.

(11) That the volumetric gas allowable formulas applicable to the Bluit-San Andres Associated Pool and the Todd-Lower San Andres Associated Pool are no longer effective and should not be included in the special pool rules for said pools.

(12) That the inclusion of liquid gravity as a criterion in the classification of oil wells and gas wells in the Angels Peak-Gallup, Devils Fork-Gallup, Bluit-San Andres, Peterson-Pennsylvanian, and Todd-Lower San Andres Pools appears to serve no useful purpose, and should be discontinued.

(13) That the Jennings-Delaware Associated Pool and the North Paduca-Delaware Associated Pool, as heretofore created and defined, no longer fit the associated pool classification, and that said pools should be redefined as oil pools subject to the Commission General Rules and Regulations, and the Special Rules for said pools should be rescinded.

(14) That the Northwest Todd-San Andres Associated Pool as previously created and defined no longer fits the associated pool classification and should be redefined as an oil pool and the special pool rules therefor amended to provide only for 80-acre oil well spacing units and a gas-oil ratio limitation of 5000 to 1.

(15) That the existing special associated pool rules for the remaining 18 associated pools which provide for spacing of oil wells and gas wells, oil well and gas well locations, definition of oil wells and gas wells based on gas-liquid ratios, and special gas-oil ratio limitations, any of which are in conflict with the general rules and regulations for associated pools should be retained, but should be incorporated in one overall order applicable to associated oil and gas pools, and the orders presently applicable to said pools superseded.

(16) That the gas well location requirements for the Double L-Queen Associated Pool should be amended to comply with the general rules and regulations for associated pools.

(17) That all associated pool gas well underproduction should be cancelled as of January 31, 1977.

(18) That the Secretary-Director of the Commission should be authorized to administratively reinstate such cancelled underproduction, up to three times the current monthly allowable, upon a showing by the operator that such underproduction could be made up.

(19) That the rescission, amendment, and supersedure of the Special Pool Rules listed in Finding No. (3) above, and the adoption of General Rules applicable to the associated oil and gas pools in the State of New Mexico in accordance with the above findings will prevent waste and protect correlative rights, is in the public interest, and should be approved.

IT IS THEREFORE ORDERED:

(1) That effective February 1, 1977, general rules and regulations are hereby adopted for the associated oil and gas pools of northwest and Southeast New Mexico as follows:

GENERAL RULES AND REGULATIONS FOR THE ASSOCIATED OIL AND GAS POOLS OF NORTHWEST NEW MEXICO AND SOUTHEAST NEW MEXICO.

(See Special Pool Rules for each pool for rules applicable to that particular pool. Special Pool Rules will be found in the same classification order as in the General Section. If the Special Rule is in conflict with the General Rule, the Special Rule shall be applicable.)

A. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 1. Any well drilled to the producing formation of an associated pool regulated by this order and within said pool or within one mile outside the boundary of that pool, and not nearer to nor within the boundaries of another designated pool producing from the same formation, shall be spaced, drilled, operated, and prorated in accordance with the regulations in effect in that pool.

RULE 2. (a) See Special Pool Rules for applicable size of oil and gas spacing and proration units. Unless otherwise specified by the Special Pool Rules, 40-acre units shall comprise a governmental quarter-quarter section substantially in the form of a square, being a legal subdivision of the United States Public Land Surveys; 80-acre units shall comprise two contiguous quarter-quarter sections, being the N/2, S/2, E/2, or W/2 of a single governmental quarter section; 160-acre units shall comprise a governmental quarter section; and 320-acre units shall comprise two contiguous quarter sections, being the N/2, S/2, E/2, or W/2 of a single governmental section.

RULE 2. (b) Each well drilled or completed on a spacing and proration unit within an associated pool governed by these rules shall be located as provided below:

OIL WELLS AND GAS WELLS - NORTHWEST NEW MEXICO

Standard Proration Unit	Location Requirements
40 Acres	Not closer than 330 feet to the boundary of the tract
80, 160 and 320 Acres	Not closer than 790 feet to any quarter section line nor closer than 330 feet to any quarter-quarter section line or subdivision inner boundary

OIL WELLS - SOUTHEAST NEW MEXICO

Standard Proration Unit	Location Requirements
40 Acres	Not closer than 330 feet to the boundary of the tract
80 and 160 Acres	Within 150 feet of the center of the quarter-quarter section wherein located

(GENERAL RULES AND REGULATIONS - ASSOCIATED OIL AND GAS POOLS - Cont'd.)**GAS WELLS - SOUTHEAST NEW MEXICO**

Standard Proration Unit	Location Requirements
160 Acres	Within 150 feet of the center of the quarter-quarter section wherein located
320 Acres	Not closer than 660 feet to the nearest side boundary nor closer than 1980 feet to the nearest end boundary of the spacing unit nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary

RULE 2. (c) The Secretary-Director of the Commission shall have authority to grant an exception to the well location requirements of Rule 2(b) above without notice and hearing when the necessity for such unorthodox location is based upon topographical conditions or the recompletion of a well previously drilled to another horizon, provided said well was drilled at an orthodox location for such original horizon, or where the size and shape of an approved non-standard spacing and proration unit render a standard location impossible.

Applications for administrative approval of unorthodox locations shall be filed in triplicate and shall be accompanied by plats showing the ownership of all leases offsetting the proration or spacing unit for which the unorthodox location is sought, and also all wells completed thereon. If the proposed unorthodox location is based upon topography, the plat shall also show and describe the existent topographical conditions.

All operators of proration or spacing units offsetting the unit for which the unorthodox location is sought shall be notified of the application by certified or registered mail, and the application shall state that such notification has been given. The Secretary-Director may approve the unorthodox location upon receipt of waivers from all offset operators or if no offset operator has entered an objection to the unorthodox location within 20 days after the Secretary-Director has received the application.

RULE 3. (a) Each gas well shall be located on a standard unit containing 160 acres or 320 acres, more or less, as provided in the special rules for the pool in which it is situated.

(b) Each oil well shall be located on a standard unit containing 40 acres, 80 acres or 160 acres, more or less, as provided in the special rules for the pool in which it is situated.

RULE 4. (a) The District Supervisor of the appropriate district office of the Commission shall have the authority to approve a non-standard unit as an exception to Rule 3(a) or 3(b) without notice and hearing when the unorthodox size or shape of the unit is necessitated by a variation in the legal subdivision of the U. S. Public Land Surveys and the non-standard unit is not less than 75% nor more than 125% of a standard unit.

The District Supervisor of the appropriate district office of the Commission may approve the non-standard unit by:

(1) Accepting a plat showing the proposed non-standard unit and the acreage to be dedicated to the non-standard unit, and

(2) Assigning an allowable to the non-standard unit.

(b) The Secretary-Director of the Commission may grant an exception to the requirements of Rule 3(a) or Rule 3(b), when the unorthodox size or shape of the unit is necessitated by a variation in the legal subdivision of the U. S. Public Land Surveys and the non-standard unit is less than 75% or more than 125% of a standard unit, or where the following facts exist and the following provisions are complied with:

(1) The non-standard unit consists of quarter-quarter sections or lots that are contiguous by a common bordering side.

(2) The non-standard unit lies wholly within a governmental subdivision or subdivisions which would be a standard unit for the well (half quarter section, quarter section, or half section) but contains less acreage than a standard unit.

(3) The applicant presents written consent in the form of waivers from all offset operators and from all operators owning interests in the half quarter section, quarter section or half section (for 80-acre, 160-acre, and 320-acre standard dedications respectively) in which the non-standard unit is situated and which acreage is not included in said non-standard unit.

(4) In lieu of Paragraph (3) of this rule, the applicant may furnish proof of the fact that all of the foresaid operators were notified by registered or certified mail of his intent to form such non-standard unit. The Secretary-Director may approve the application if no such operator has entered an objection to the formation of such non-standard unit within 30 days after the Secretary-Director has received the application.

B. WELL CLASSIFICATION AND GAS-OIL RATIO LIMITATION

RULE 5. (a) A well shall be classified as a gas well if it has a gas-liquid ratio of 30,000 or more cubic feet of gas per barrel of liquid hydrocarbons. A well shall be classified as an oil well if it has a gas-liquid ratio of less than 30,000 cubic feet of gas per barrel of liquid hydrocarbons.

(b) The simultaneous dedication of any acreage to an oil well and a gas well is prohibited.

RULE 6. That the limiting gas-oil ratio shall be 2000 cubic feet of gas for each barrel of oil produced.

RULE 7. An oil well shall be permitted to produce only that amount of gas determined by multiplying the top unit oil allowable for the pool by the limiting gas-oil ratio for the pool. In the event there is more than one oil well on an oil proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

A gas well shall be permitted to produce that amount of gas obtained by multiplying the top unit oil allowable for the pool by the limiting gas-oil ratio for the pool and by a fraction, the numerator of which is the number of acres dedicated to the particular gas well and the denominator of which is a number equal to the number of acres in a standard oil proration unit in such pool. In the event there is more than one gas well on a gas proration unit, the operator may produce the amount of gas assigned to the unit from the wells on the unit in any proportion.

(GENERAL RULES AND REGULATIONS - ASSOCIATED OIL AND GAS POOLS - Cont'd.)**C. WELL TESTING**

RULE 8. The operator of each newly completed well shall cause a gas-liquid ratio test to be taken on the well upon recovery of all load oil from the well, provided however, that in no event shall the test be commenced later than 30 days from the date of first production unless the well is connected to a gas-gathering facility and is producing under a temporary gas allowable assigned in accordance with Rule 11. Any well which is shut-in shall be exempted from the gas-liquid ratio test requirement so long as it remains shut-in. The initial gas-liquid ratio test shall be taken in the manner prescribed by Rule 9. If the gas-liquid ratio is 30,000 cubic feet of gas per barrel of liquid hydrocarbons, or more, the operator shall not produce the well until beneficial use can be made of the gas.

RULE 9. (a) Semi-annual gas-liquid ratio tests shall be taken on all wells during each year in accordance with a test schedule prepared by the district office of the Commission. The initial gas-liquid ratio test shall suffice as the first semi-annual test. Tests shall be 24-hour tests, being the final 24 hours of a 72-hour period during which the well shall be produced at a constant normal rate of production. Results of such tests shall be filed on Commission Form C-116 on or before the 10th day of the following month. At least 72 hours prior to commencement of any such gas-liquid ratio tests, each operator shall file with the appropriate district office of the Commission a test schedule for its wells specifying the time each of its wells is to be tested. Copies of the test schedule shall also be furnished to all offset operators. The supervisor of the appropriate district office of the Commission may grant an exception to the above test requirements where it is demonstrated that the well(s) produce(s) no liquids.

Special tests shall also be taken at the request of the Secretary-Director and may also be taken at the option of the operator. Such special tests shall be taken in accordance with the procedures outlined hereinabove, including notification to the Commission and offset operators.

(b) The Secretary-Director of the Commission shall have authority to grant pool-wide exceptions to Rule 9(a) above, without notice and hearing upon a showing that production from wells within such pool has stabilized to the point where such tests would be of essentially no value for application of these general rules for associated pools.

RULE 10. An initial shut-in pressure test shall be taken on each gas well and shall be reported to the Commission on Form C-125.

D. ASSIGNMENT OF ALLOWABLE

RULE 11. Any well completed after the effective date of these rules shall receive an allowable only upon receipt by the appropriate Commission district office of Commission Forms C-102, C-104, C-116, and, in the case of a gas well, a transporter's notice of gas connection, properly executed. The District Supervisor of the Commission's district office is hereby authorized to assign a temporary gas allowable to wells connected to a gas transportation facility during the recovery of load oil, which allowable shall not exceed the number of cubic feet of gas obtained by multiplying the daily top unit allowable for the pool by the limiting gas-oil ratio for the pool.

E. GAS PRORATIONING

RULE 12. The associated gas proration period shall be the proration month which shall begin at 7 a.m. on the first day of the month and shall end at 7 a.m. on the first day of the next succeeding month.

RULE 13. (a) Any associated gas well which has an underproduced status at the end of any associated gas proration period, shall carry such underproduction into subsequent periods.

(b) Underproduction in excess of three times the current monthly allowable shall not be carried forward but shall be cancelled. For purposes of this rule, the monthly allowable shall be the full monthly allowable which would be assigned an associated gas well with the same acreage dedication in the same pool.

(c) Overproduction during any month shall be applied to a well's cumulative underproduction, if any, calculated in accordance with Paragraphs (a) and (b) above.

RULE 14. Any associated gas well which has an overproduced status at the end of any associated gas proration period shall carry such overproduction into subsequent periods. If at any time a well is overproduced an amount exceeding three times its current monthly allowable, it shall be shut in during that month and each succeeding month until the well is overproduced less than three times its current monthly allowable.

RULE 15. The allowable assigned to a well during any one month of an associated gas proration period in excess of the production for the same month shall be applied against the overproduction carried into such period in determining the amount of overproduction, if any, which has not been compensated for.

RULE 16. The Commission may allow overproduction to be compensated for at a lesser rate than would be the case if the well were completely shut in upon a showing after notice and hearing that complete shut in of the well would result in material damage to the well or reservoir.

F. REPORTING OF PRODUCTION

RULE 17. The monthly gas production from each gas well shall be metered separately and the gas production therefrom shall be reported to the Commission on Form C-115 so as to reach the Commission on or before the 24th day of the month next succeeding the month in which the gas was produced. The operator shall show on such report what disposition has been made of the produced gas.

RULE 18. Each purchaser or taker of gas shall submit a report to the Commission so as to reach the Commission on or before the 15th day of the month next succeeding the month in which the gas was purchased or taken. Such report shall be filed on Form C-111 with the wells being listed in the same order as they are listed on the appropriate proration schedule.

G. GENERAL PROVISIONS

RULE 19. Failure to comply with any provision of these rules shall result in the immediate cancellation of allowable assigned to the affected well. No further allowable shall be assigned until all rules and regulations have been complied with. The Secretary-Director shall notify the operator of the

(GENERAL RULES AND REGULATIONS - ASSOCIATED OIL AND GAS POOLS - Cont'd.)

well and purchaser in writing of the date of allowable cancellation and the reason therefor.

RULE 20. All transporters or users of gas shall file gas well connection notices with the Commission as soon as possible after the date of connection.

RULE 21. Allowables to wells whose classification has changed from oil to gas or from gas to oil as the result of a gas-liquid ratio test shall commence on the first day of the month following the month in which such test was reported, provided that a plat (Form C-102) showing the acreage dedicated to the well and the location of all wells on the dedicated acreage has been filed.

(2) That the above General Rules and Regulations for the Associated Oil and Gas Pools of Northwest New Mexico and Southeast New Mexico shall be applicable to the following associated pools:

NORTHWEST NEW MEXICO

Angels Peak-Gallup	Gallegos-Gallup
Devils Fork-Gallup	Tapacito-Gallup
Escrito-Gallup	Tocito Dome-Pennsylvanian "D"

SOUTHEAST NEW MEXICO

Bluitt-San Andres	Penasco Draw-San Andres-Yeso
Southeast Chaves Queen	Peterson-Pennsylvanian
Gas Area	Round Tank-Queen
South Dagger Draw-	Sawyer-San Andres
Upper Pennsylvanian	Todd-Lower San Andres
Double L-Queen	Twin Lakes-San Andres
Mesa-Queen	Vest Ranch-Queen

(3) That effective February 1, 1977, the following Special Rules and Regulations shall be applicable to the below-named associated pools: (See Special Rules and Regulations applicable to each pool at end of order).

(3) (As Numbered) That effective February 1, 1977, the following orders, as amended, which apply to the aforementioned associated pools (See Special Rules and Regulations carried at end of order for these pools), are hereby superseded:

R-1410-C	R-1670-I	R-1670-J
R-5181	R-4435	R-1517
R-1793-A	R-4637	R-1670-G
R-3707	R-3981-A	R-3153
R-3211	R-2935	R-4102
R-2758	R-4365	R-5180
	R-4538	

(4) That the Jennings-Delaware Pool as heretofore classified, defined, and described is hereby reclassified as an oil pool, and Order No. R-4359 is hereby rescinded, effective February 1, 1977.

(5) That the North Paduca-Delaware Pool as heretofore classified, defined, and described is hereby reclassified as an oil pool, and Order No. R-3437 is hereby rescinded, effective February 1, 1977.

(6) That effective February 1, 1977, the Northwest Todd-San Andres Pool as heretofore classified, defined, and described is hereby reclassified as an oil pool with Order No. R-4441 to be superseded by Order No. R-4441-A, to be issued concomitantly with the instant order, No. R-5353.

(7) That effective January 31, 1977, all underproduction accrued to gas wells in the associated pools affected by this order is hereby cancelled.

(8) That the Secretary-Director of the Commission is hereby authorized to reinstate any well's accrued underproduction cancelled effective January 31, 1977, provided that such reinstated underproduction shall not exceed three times the well's current monthly allowable and provided further that the application for reinstatement of such underproduction shall contain evidence that the affected well is capable of producing such underproduction and that said application is received by the Secretary-Director not later than April 1, 1977.

(9) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

ANGELS PEAK-GALLUP ASSOCIATED POOL
San Juan County, New Mexico

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Angels Peak-Gallup Associated Pool, San Juan County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-1410, adopting rules for the Angels Peak-Gallup Pool, San Juan County, New Mexico, May 28, 1959, as amended by Order No. R-1410-A, August 11, 1959, as superseded by Order No. R-1410-C, October 1, 1960, as amended by Order No. R-1410-D, July 17, 1962, Order No. R-4367, August 30, 1972, and Order No. R-4583, August 1, 1973.)

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

(GENERAL RULES AND REGULATIONS - ASSOCIATED
OIL AND GAS POOLS - Cont'd.)

DEVILS FORK-GALLUP ASSOCIATED POOL
Rio Arriba County, New Mexico

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Devils Fork-Gallup Associated Pool, Rio Arriba County, New Mexico, February 1, 1977, as Amended by Order No. R-5353-G, August 1, 1981.

(Order No. R-5353 supersedes Order No. R-5181, adopting amended rules for the Devils Fork-Gallup Associated Pool, Rio Arriba County, New Mexico, April 1, 1976. Order No. R-5181 rescinded Order No. R-1670-B, November 1, 1960, adopting rules for the Devils Fork-Gallup Gas Pool, as amended by Order No. R-1670-B-1, October 18, 1962, Order No. R-4367, August 30, 1972, Order No. R-4404, September 27, 1972, and Order No. R-5483, August 1, 1973. Order No. R-1670-B superseded Order No. R-1641-A, June 10, 1960, which superseded Order No. R-1641, March 30, 1960, creating and adopting rules for the Devils Fork-Gallup Gas Pool.)

RULE 2. (As Amended by Order No. R-5353-G, August 1, 1981.) (a) A standard oil proration unit shall be 160 acres. A standard gas proration unit shall be 320 acres.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

ESCRITO-GALLUP ASSOCIATED POOL
Rio Arriba County, New Mexico

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Escrito-Gallup Associated Pool, Rio Arriba County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-1793-A, adopting rules for the Escrito-Gallup Pool, Rio Arriba County, New Mexico, December 1, 1960, as amended by Order No. R-4367, August 30, 1972, Order No. R-4404, September 27, 1972, and Order No. R-4583, August 1, 1973.)

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

GALLEGOS-GALLUP ASSOCIATED POOL
San Juan County, New Mexico

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Gallegos-Gallup Associated Pool, San Juan County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-3707, adopting rules for the Gallegos-Gallup Pool, San Juan County, New Mexico, May 1, 1969, as amended by Order No. R-4367, August 30, 1972, and Order No. R-4583, August 1, 1973.)

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

TAPACITO-GALLUP ASSOCIATED POOL
Rio Arriba County, New Mexico

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Tapacito-Gallup Associated Pool, Rio Arriba County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-3211, creating and adopting rules for the Tapacito-Gallup Associated Pool, Rio Arriba County, New Mexico, April 1, 1967, as amended by Order No. R-4367, August 30, 1972, and Order No. R-4583, August 1, 1973.)

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

JANUARY THRU JUNE, 1989
MARKET DEMAND PERCENTAGE FACTOR: 100%

STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

OIL PRORATION SCHEDULE

VOLUME 3 OF THE PRORATION SCHEDULE COVERS ALL PRODUCING
WELLS IN DIVISION DISTRICT #3 WHICH COMPRISES MCINLEY,
RIO ARRIBA, SAN JUAN, AND SANDOVAL COUNTIES, NEW MEXICO

GAS-OIL RATIO TEST SCHEDULE FOR 1989
ON LAST PAGE

SPECIAL POOL RULES REQUIRE TESTING AT SPECIAL

INDEX

PRORATION ORDER
EXPLANATION OF SYMBOLS
TRANSPORTER ABBREVIATION CODES

IMMEDIATELY NOTIFY DISTRICT SUPERVISOR
AZTEC DISTRICT OFFICE, 1000 RIO BRAZOS ROAD, ALBUQUERQUE, NEW MEXICO 87102
TELEPHONE (505) 311-6111

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JULY THRU DECEMBER, 1989
MARKET DEMAND PERCENTAGE FACTOR: 1.003

ORDER NO. 100-100
SCHEDULE NO. 21 VOLUME
APPROVED BY

STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

OIL PRORATION SCHEDULE

VOLUME 3 OF THE PRORATION SCHEDULE COVERS ALL PRODUCING OIL
WELLS IN DIVISION DISTRICT #3 WHICH COMPRISES MCKINLEY,
RIO ARRIBA, SAN JUAN, AND SANDOVAL COUNTIES, NEW MEXICO

GAS-OIL RATIO TEST SCHEDULE FOR 1989
ON LAST PAGE

SPECIAL POOL RULES REQUIRE TESTING AT SPECIFIC TIMES FOR PRODUCTION

INDEX

PRORATION ORDER
EXPLANATION OF SYMBOLS
TRANSPORTER ABBREVIATION CODES

SUPPLEMENTAL TESTING
PRORATION SCHEDULE
BONUS ALLOWANCE

IMMEDIATELY NOTIFY DISTRICT SUPERVISOR OF ANY ERRORS

AZTEC DISTRICT OFFICE, 1000 RIO BRAZOS ROAD, AZTEC, NEW MEXICO 87604

TELEPHONE (505) 334-6178

-20-

HOLCOMB OIL AND GAS, INC.

FAX: 1-505-326-2149

VOICE: 505-326-0550

DATE: February 26, 1990

FROM: W. J. Holcomb

TO: Santa Fe OCD

ATTN: Michael Stogner

REGARDING: Mesa 25-5

SPECIAL INSTRUCTIONS: Per your request; additionally, we will
prepare another notification to all offset operators, except
BCO who has been notified on both locations. Copies to follow
regular mail.

NUMBER OF PAGES TO FOLLOW: 1

AREA CODE 505
983-1228

BCO, Inc.
OIL WELL OPERATOR
135 GRANT
SANTA FE, N. M. 87501

Feli

September 29, 1989

Bannon Energy
% Holcomb Oil and Gas
P.O. Box 2058
Farmington, NM 87499

ATTN: Jeff Holcomb

RE: 25-5 Mesa 660FSL 330 FEL Sec 25 T24N R7W NMPM
Escrito Gallup Field

Dear Mr. Holcomb:

BCO, Inc., is the operator of the North half of Section 31 T24N R6W NMPM which offsets the above described location.

As I am certain you know, but your surveyor must have missed, the Escrito Gallup Associated Field rules require an 80 acre dedication with 790' from any quarter section line and 330' from any quarter quarter line for an orthodox location.

Our on-site inspection indicates that if the well were to be moved 300' north, it would be possible to move the location a substantial distance to the west. We would consider approving your request for an unorthodox location as long as it is based on terrain requirements.

We wish you great success with your 1989 project.

Very truly yours,

Elizabeth B. Keeshan

Elizabeth B. Keeshan
Vice President

EBK:jr

c: Russ Chabeau

puts us within 700' / 25-2

call 11/20 will move north 130' not west! OK w/ Liz