

CTB

2/10/97

443



Amoco Production Company

501 WestLake Park Boulevard
Post Office Box 3092
Houston, Texas 77253-3092

January 20, 1997

New Mexico Oil Conservation Division
Attn: David Catnek
2040 S. Pacheco
Santa Fe, NM 87505

Application to Surface Commingle Gas Production
Federal AA No. 1
Federal BN No. 1
Happy Valley - Morrow - Gas Pool
Eddy County, New Mexico

Gentlemen,

Amoco Production Company, as operator of the subject wells, requests administrative approval to surface commingle the production from these two wells.

In order to comply with the requirements of the New Mexico Oil Conservation Division, we have attached an information sheet as prescribed by Rule 303.B.

The production from each well shall be measured individually and reported as such. The gravity for both wells is compatible as both produce from the same formation. The actual commercial value of the combined production will not be less than the sum of the values of the production from each common source of supply.

We have mailed a complete copy of this application to all royalty and working interest owners for both of these leases. Additionally, we have forwarded a separate copy of this application to the Bureau of Land Management in Roswell for their review.

If additional information is required, contact me in Houston at (281) 366-7337.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom G. Tullos".

Tom G. Tullos
Sr. Business Analyst
Permian Basin Business Unit

Attachments

**Surface Commingling Application
Information Sheet
Amoco Production Company - OGRID 000778**

Federal AA No. 1

Location - Letter E, 1980 FNL x 1980 FWL, Section 17, T-22-S, R-26-E, Eddy, NM

API No. - 30-015-22926

Production - Zero oil - Zero water - 178 MCFD Gas (5340 MCF - Month)

Happy Valley - Morrow - Gas Pool

Morrow Formation

Federal BN No. 1

Location - Letter H, 1592 FNL x 444 FEL, Section 17, T-22-S, R-26-E, Eddy, NM

API No. - 30-015-23498

Production - Zero oil - Zero water - 103 MCFD Gas (3090 MCF - Month)

Happy Valley - Morrow - Gas Pool

Morrow Formation



Amoco Production Company

501 WestLake Park Boulevard
Post Office Box 3092
Houston, Texas 77253

January 20, 1997

**Bureau of Land Management
Roswell District Office
2909 West 2nd Street
Roswell, NM 88201**

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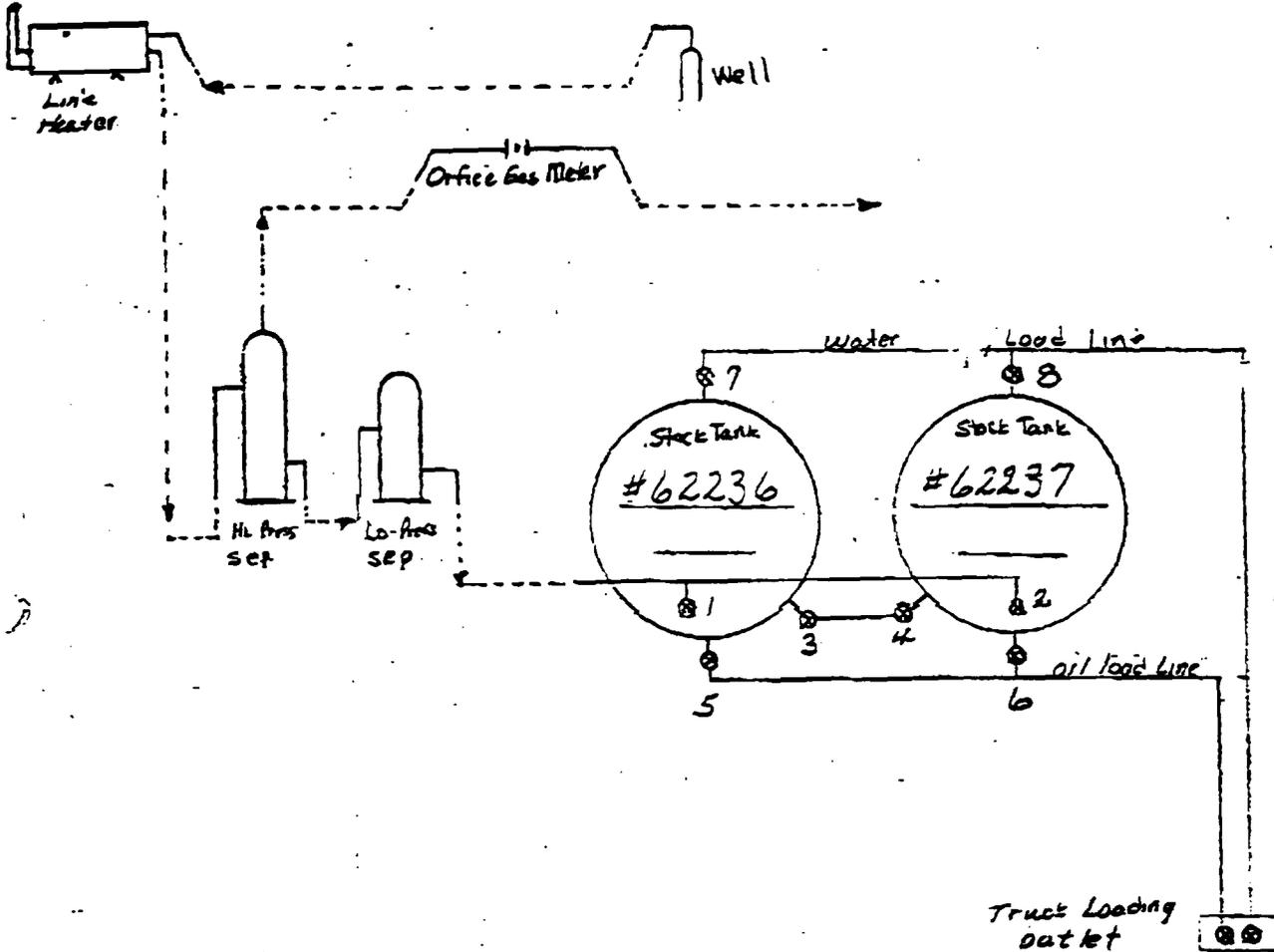
Happy Valley - Morrow - Gas Pool

Morrow Formation



SITE FACILITY DIAGRAM
AMOCO PRODUCTION COMPANY (USA) - OPERATOR
HOBBS, NEW MEXICO DISTRICT

LEASE NAME: Federal "AA" Lse Batt Fed. Lse or Comm No. NM-9545
 LOCATION: Unit F Sec 17 T-22-S R-24-E Eddy County NM
 SITE SECURITY PLAN I.D.: Amoco Federal Properties - PLM Roswell District
 TYPE SYSTEM: OPEN (X) OR CLOSED ()
 METERING METHOD: OIL Tank Gauge GAS Office Meter WATER Tank Gauge
 SPECIAL COMMENTS: _____



Normal Position Valve Sealed

Valve No.	Prod. Phase		Sales Phase	
	Open	Closed	Open	Closed
1	Not Sealed			✓
2	Not Sealed			✓
3	Not Sealed			✓
4	Not Sealed			✓
5		✓	Not Sealed	
6		✓	Not Sealed	
7		✓		✓
8		✓		✓
9				
10				

Legend
 ⊗ Valve
 — Line on Surface
 - - - Buried Line

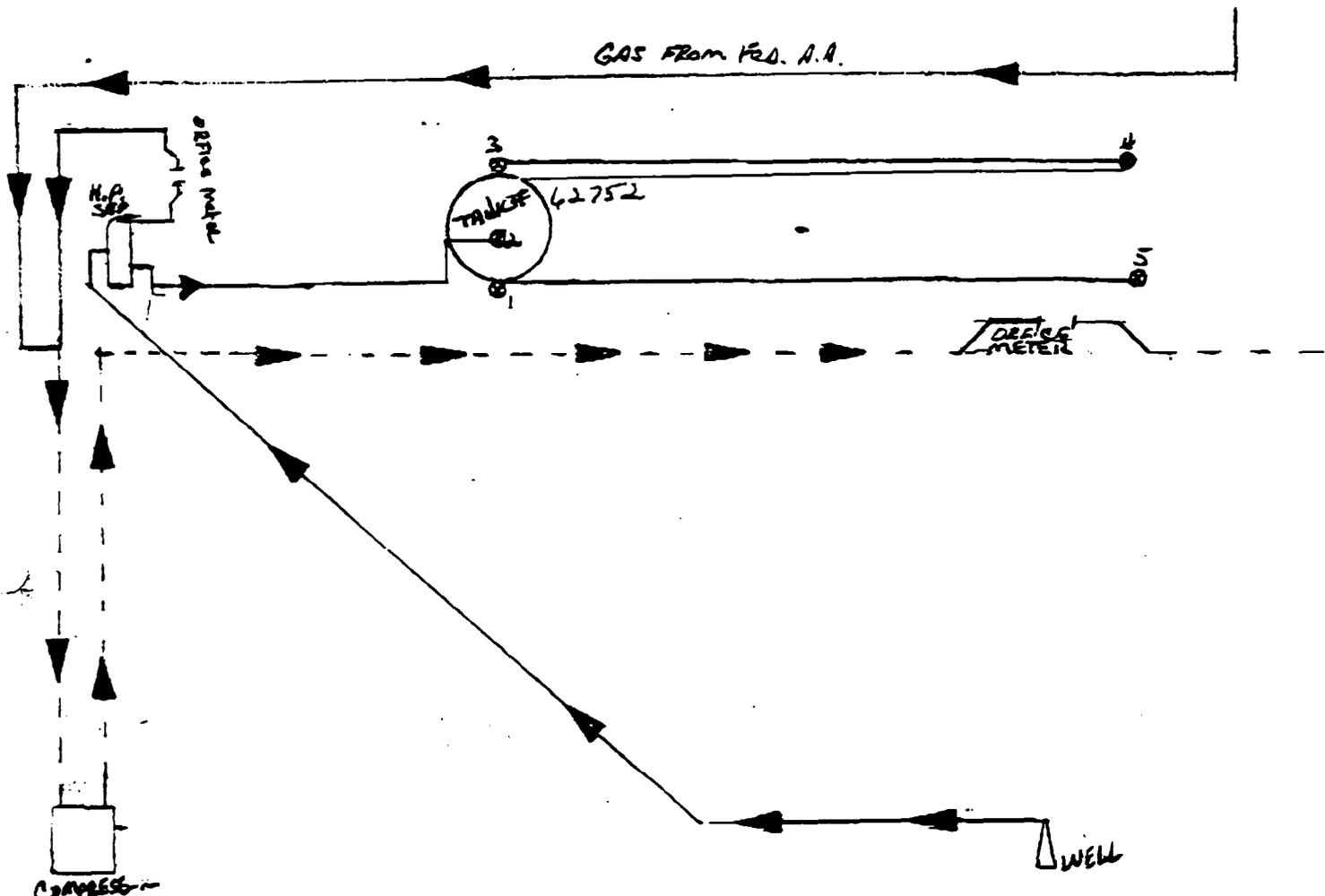
AMOCO SITE SECURITY PLAN
 205 EAST BENDER
 HOBBS, NM 88240
 OFFICE HOURS 6:45 - 11:45 am
 12:30 - 3:30 pm



AMOCO PRODUCTION COMPANY (USA) - OPERATOR
 HOBBS, NEW MEXICO DISTRICT

SITE FACILITY DIAGRAM

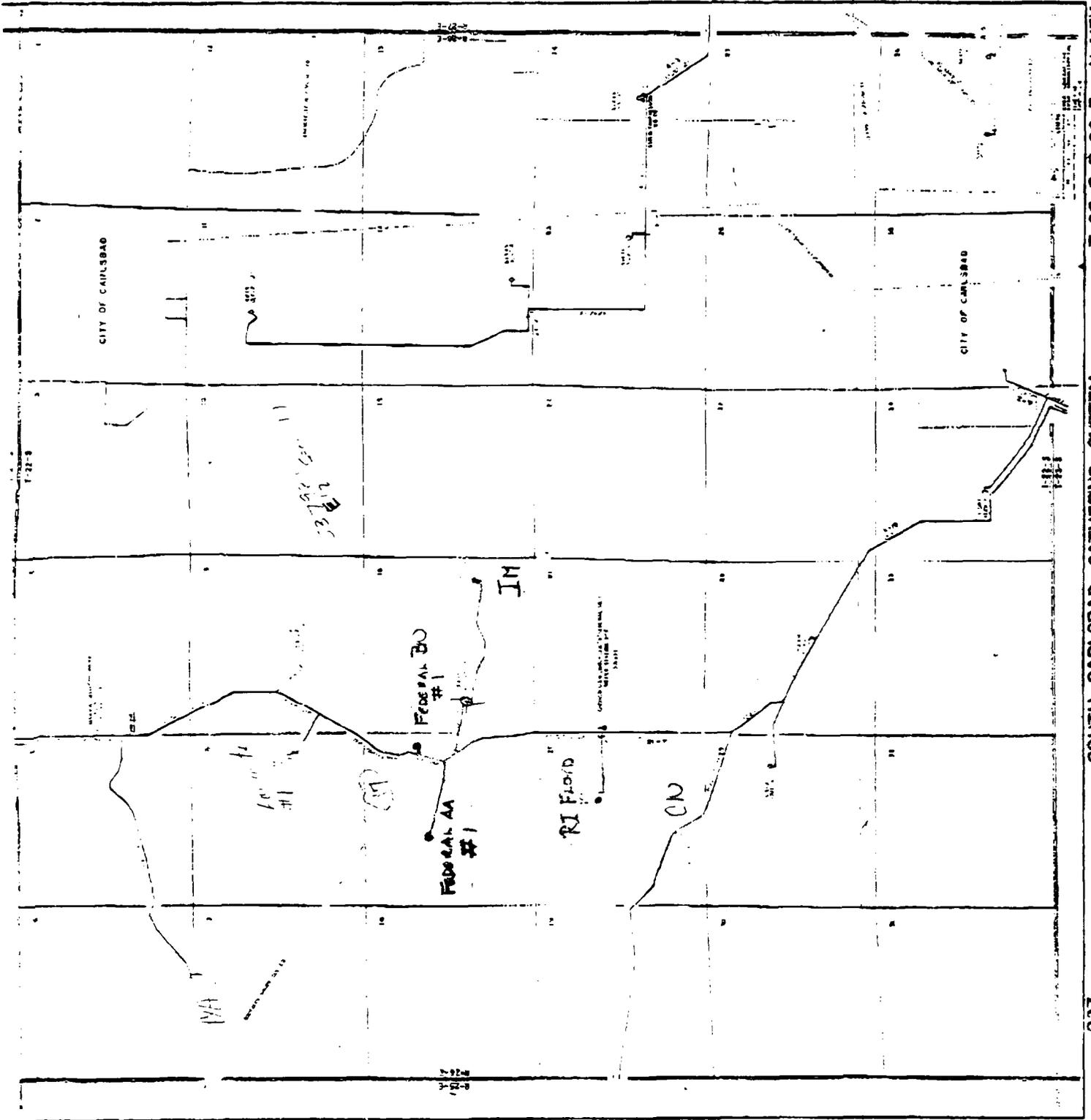
LEASE NAME: FEDERAL "A" LEASE Use or Commit No.: 1177-13406
 LOCATION: UNIT 4 SEC 17-T.22S.R.24E
 SECURITY PLAN I.D.: AMOCO FEDERAL PROPERTIES - BLM Roswell DISTRICT
 TYPE SYSTEM: OPEN () OR CLOSED (/)
 METERING METHOD: OIL Gauge GAS ORFICE METER WATER Gauge
 SPECIAL COMMENTS: _____



Normal Position Valve Sealed

Valve No.	Prod. Phase		Sales Phase	
	Open	Closed	Open	Closed
1	/	/	/	/
2	/	/	/	/
3	/	/	/	/
4	/	/	/	/
5	/	/	/	/
6	/	/	/	/
7	/	/	/	/
8	/	/	/	/
9	/	/	/	/

Legend
 ⊗ Valve
 — Line on Surface
 - - - Buried Line

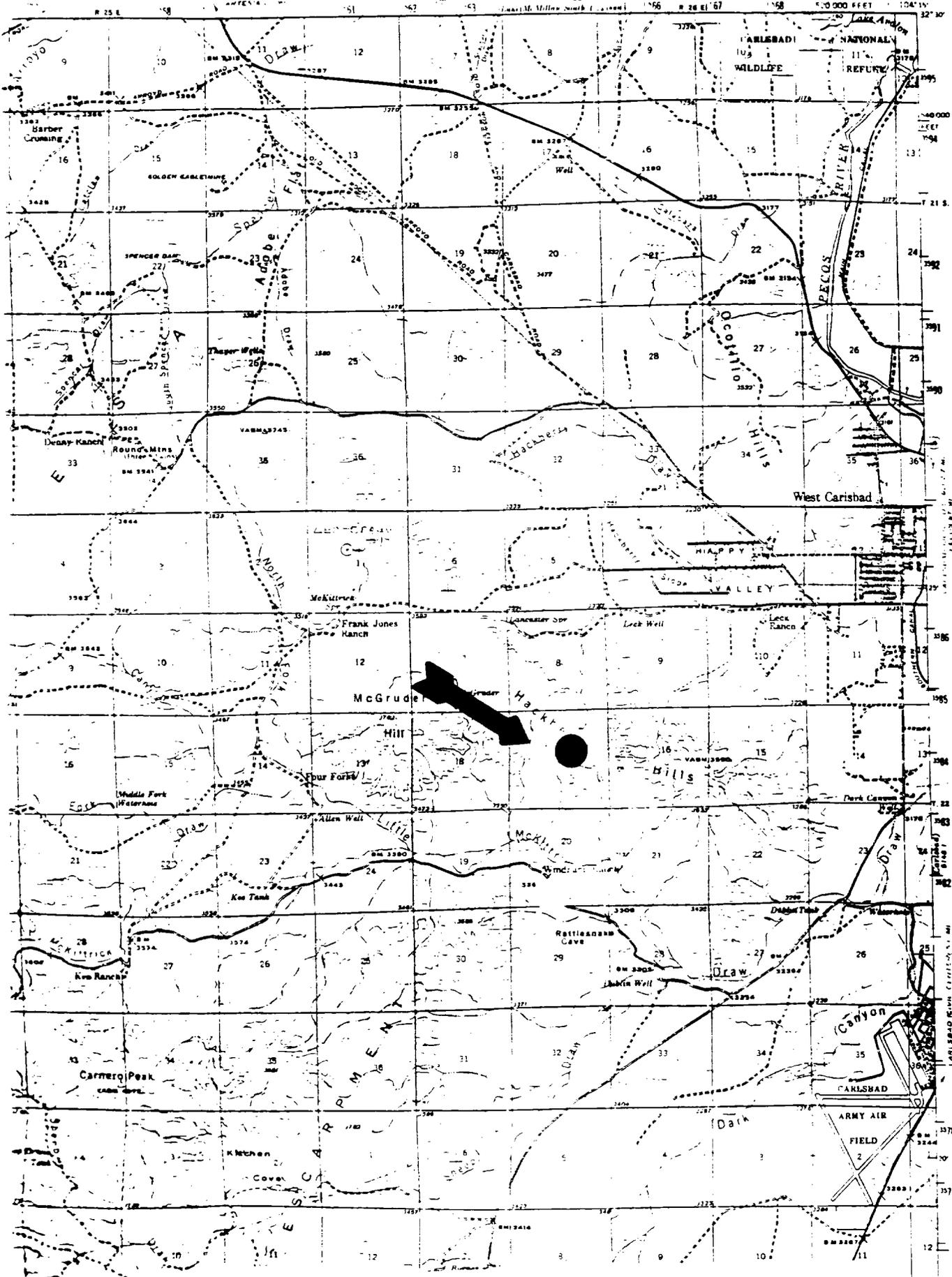


T-22-S,R-26-E N. MEX.

SOUTH CARLSBAD GATHERING SYSTEM

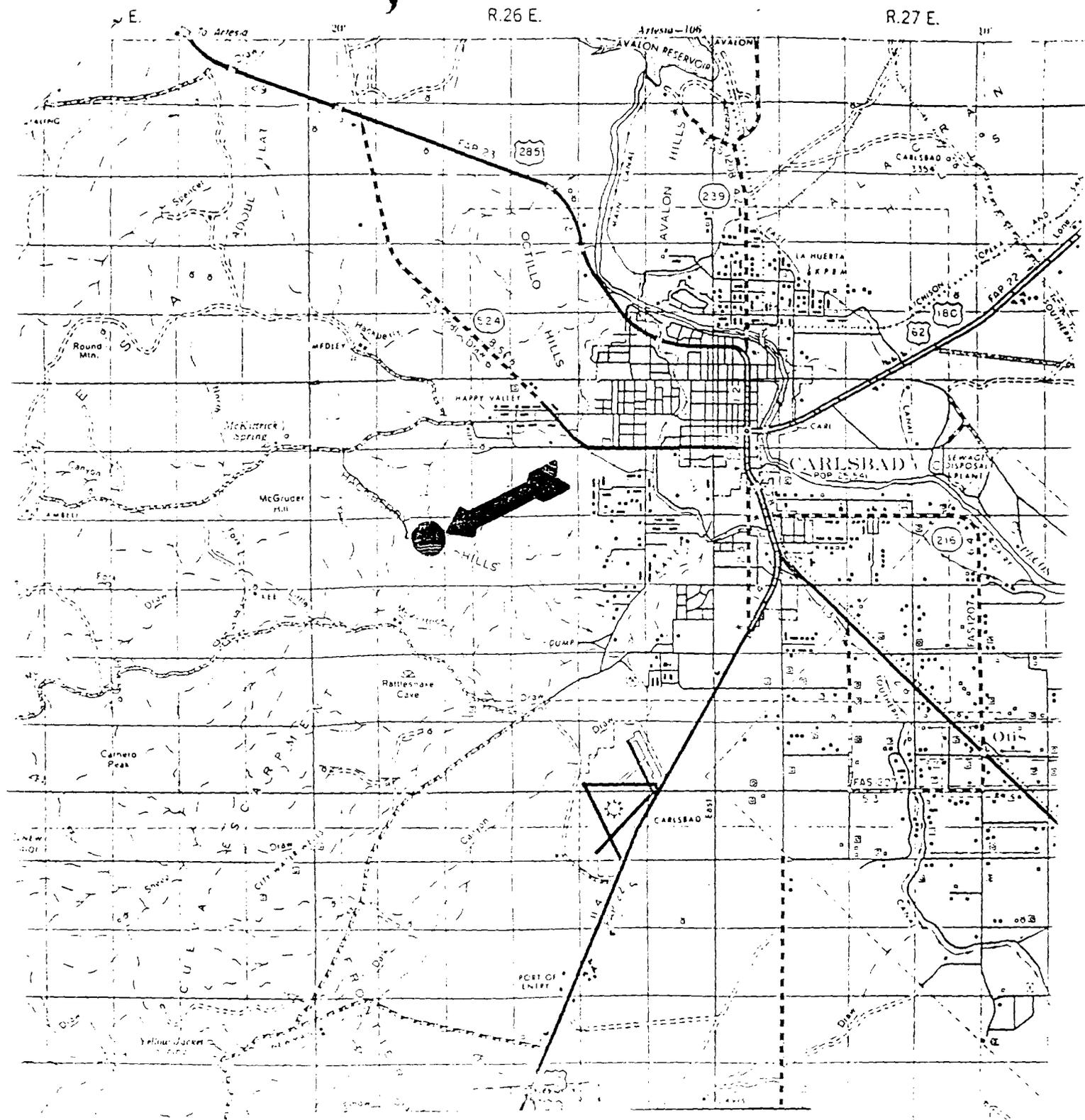
827

NEW MEXICO
EDDY COUNTY
WEST CARLSBAD QUADRANGLE
15-MINUTE SERIES



Federal AA #1

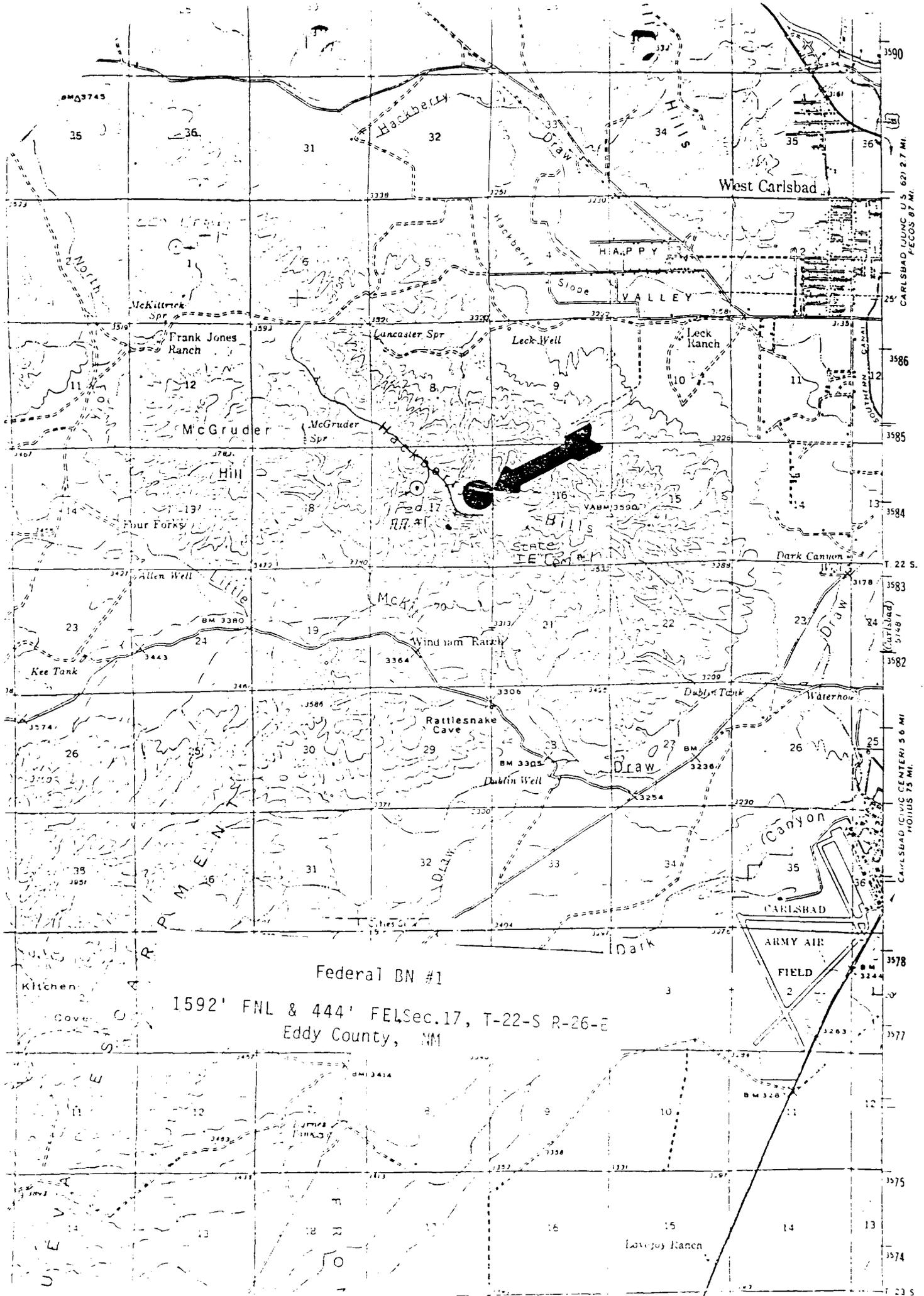
1980' FNL & 1980' FWL, Unit E, Sec. 17, T-22-S, R-26-E
Eddy County, NM



Federal BN #1

1592' FNL & 444' FEL, Sec.17, T-22-S R-26-E
 Eddy County, NM





Federal BN #1

1592' FNL & 444' FEL
 Sec.17, T-22-S R-26-E
 Eddy County, NM

3590
 3586
 3585
 3584
 3583
 3582
 3581
 3580
 CARLSBAD (CIVIC CENTER) 5.6 MI
 HOIUS 7.5 MI
 CARLSBAD (UNCL) U.S. 62.1 27 MI
 PECOS 87 MI
 25
 24
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 22 S
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 23 S

Pipeline Right-of-Way

A right-of-way 30.0 feet wide across Section 17, Township 22 South, Range 26 East, NMPM, Eddy County, New Mexico, and being 15.0 feet on each side of the following described centerline:

COMMENCING at the Northeast corner of Section 17, Township 22 South, Range 26 East, NMPM, said corner being marked by a 1.5 inch diameter galvanized iron pipe with a brass cap; THENCE South 00° 45' 50" West with the East line of said Section 17 a distance of 1741.56 feet to a point on said East line; THENCE North 89° 14' 10" West perpendicular to said last course a distance of 378.79 feet to a point within the Northeast Quarter of said Section 17, being the POINT OF BEGINNING for the following described centerline.

THENCE across said Section 17 the following courses and distances;

South 13° 25' 15" West a distance of 15.13 feet;
North 76° 41' 37" West a distance of 212.26 feet;
South 14° 32' 46" West a distance of 826.27 feet;
South 32° 39' 15" East a distance of 363.91 feet to a point within the Southeast Quarter of said Section 17, and being the POINT OF ENDING for the above described centerline description. Said POINT OF ENDING being located South 00° 46' 26" West a distance of 189.08 feet, and North 89° 13' 34" West a distance of 585.69 feet from the East Quarter Corner of said Section 17, said corner being marked by a 1 inch diameter galvanized iron pipe with a brass cap. The above described right-of-way is 1417.57 feet (85.91 rods) in length and contains 0.976 acre of land.

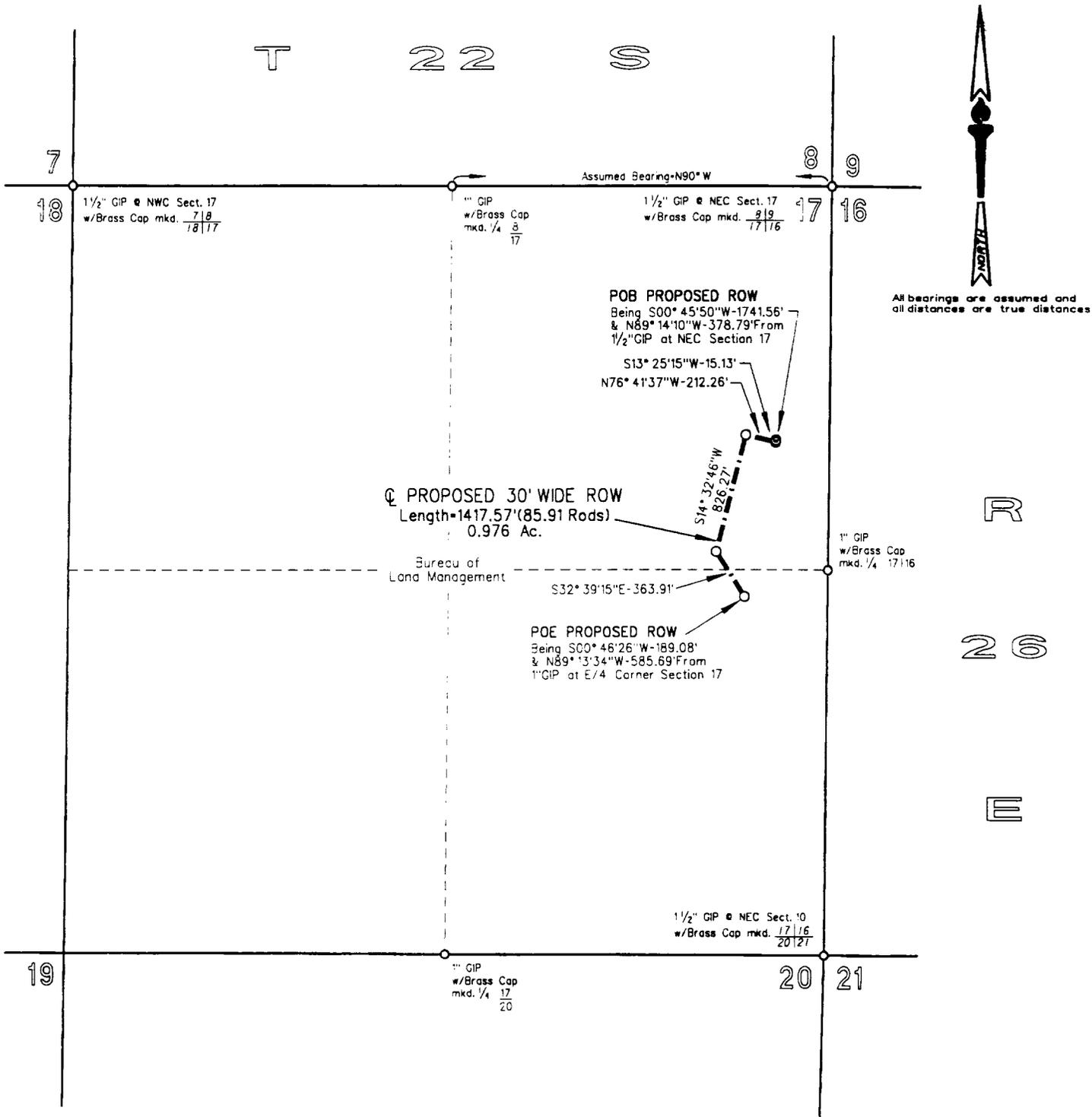
All bearings are assumed bearings based on the North line of the Northeast Quarter of Section 17, Township 22 South, Range 26 East being North 90° West, and all distances are true distances.

The above right-of-way description is further depicted by a certified plat of survey dated October 24, 1996.



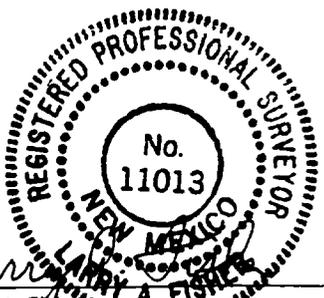
Larry A. Fisher

Larry A. Fisher
Registered Professional Land Surveyor No. 11013
Dated: October 24, 1996



All bearings are assumed and all distances are true distances

The proposed ROW shown hereon is further described by that certain legal description dated October 24, 1996.



Larry A. Fisher
 Registered Professional Surveyor
 Registration No. 11013
 Date of Survey: October 21-22, 1996

Amoco Production Company
 Land Survey Department

PROPOSED 30' WIDE PIPELINE RIGHT OF WAY

Burton Flats Area
 Eddy County, New Mexico

Scale: 1" = 1000' Drw. by JM 10/24/96 CARLSBAD.DGN.LV25

Form I
 Box 1988, Hobbs, NM 88241-1988
 Unit II
 Drawer DD, Artesia, NM 88211-8719
 Unit III
 8 Rio Bravo Rd., Aztec, NM 87410
 Unit IV
 Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & Natural Resources Department

Form C-104
 Revised February 10, 1994
 Instructions on back
 Submit to Appropriate District Office:
 5 Copies

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

AMENDED REPORT

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

* OGRID Number 000778	
* Reason for Filing Case CH	
* OGRID Number 000778	

* API Number 30-015-22926	* Pool Name HAPPY VALLEY-MORROW-GAS	* Pool Code 78060
* Property Code	* Property Name FEDERAL AA	* Well Number 1

10 Surface Location									
A or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
E	17	22	26		1980	N	1980	W	Eddy

11 Bottom Hole Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

* OGRID Number	* Gas Connection Date	* OGRID Number	* OGRID Number	* OGRID Number
F	P			

II. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	POD	POD ULSTR Location and Description
020445	Beaumont Permian Corporation P. O. Box 4648 Hobbs, NM 88241	441410	Ø	
007057	El Paso Natural Gas Co. P O Box 1492 El Paso, Tx 79978	441430	G	

IV. Produced Water

* POD 441450	* POD ULSTR Location and Description
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V. Well Completion Data

* Spud Date	* Running Date	* TD	* FRTD	* Perforations
* Hole Size	* Casing & Tubing Size	* Depth Est	* Seals Cement	

VI. Well Test Data

* Production Rate	* Gas Delivery Rate	* Test Date	* Test Length	* Top Pressure	* Cap. Pressure
* Choke Size	* Oil	* Water	* Gas	* AOF	* Test Method

* All required information of the Oil Conservation Division have been completed

OIL CONSERVATION DIVISION

Approved by: _____

Approved Date: _____

Date: _____

Phone: 713-366-7337

* If this is a change of operator fill in the OGRID number and name of the previous operator

Amoco Production Company OGRID No. 000778

Printed Name: Tom G. Tullos Title: Sr. Business Analyst Date: _____

Form C-104
 Revised February 10, 1994
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State of New Mexico
 Energy, Minerals & Natural Resources Department

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 PO Box 2088
 Santa Fe, NM 87504-2088

Form C-104
 Revised February 10, 1994
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 5 Copies

AMENDED REPORT

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator Name and Address Amoco Production Company Attn: T G Tullos, m/c 17.166 P O Box 4001 Houston, TX 77210		OGRID Number 000778
		Reason for Filing Code CH

AFE Number 30-015-234	Pool Name Happy Valley-Morrow-GAS	Pool Code 7806C
Property Code	Property Name Federal-BN-	Well Number 1

10 Surface Location

UL or lot no.	Section	Township	Range	Lot/Lea	Feet from the	North/South Line	Feet from the	East/West line	County
H	17	22	26		1592	N	444	E	Eddy

11 Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot/Lea	Feet from the	North/South line	Feet from the	East/West line	County

C-129 Permit Number: F
 C-129 Effective Date: F
 C-129 Expiration Date:

II. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	DOB	LOG	FOD ULSTR Location and Description
138638	Amoco Pipeline Co. ITD 302 North West Avenue Lubbock, TX 79436	409710	0	
000059	El Paso Natural Gas Company P. O. Box 1492 El Paso, TX 79978	409730	0	

IV. Produced Water

FOD	FOD ULSTR License and Description
409750	

V. Well Completion Data

Spud Date	Running Date	TD	FSTB	Perforations
Well Size	Casing & Tubing Size	Depth Set	Socks Comment	

VI. Well Test Data

Quarter	Gas Delivery Date	Test Date	Test Length	Top Pressure	Cap. Pressure
Choke Size	Oil	Water	Gas	AOF	Test Method

OIL CONSERVATION DIVISION

Operator: *[Signature]*
 Title: Sr. Business Analyst
 Date: _____
 Phone: 713-366-7337

Approved by: _____
 Approved Date: _____

* If this is a change of operator (E) in the OGRID number and name of the previous operator
 Amoco Production Company OGRID No. 000778
 Previous Operator Signature: *[Signature]*
 Printed Name: Tom G. Tullos
 Title: Sr. Business Analyst
 Date: _____