

DATE IN 9/28/01	SUSPENSE 10/18/01	ENGINEER DC	LOGGED KW	TYPE PLC
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127439847

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

92

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

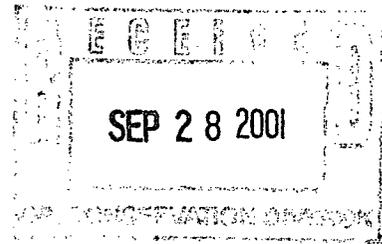
[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Directional Drilling
 NSL NSP DD SD

Check One Only for [B] and [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR



[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] **INFORMATION / DATA SUBMITTED IS COMPLETE** - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Ray Martin

Ray Martin

Operations Engineer

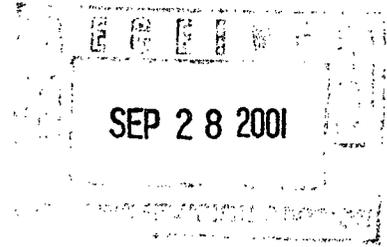
9/18/01

Print or Type Name

Signature

Title

Date



September 19, 2001

Mr. David Catanach
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: Administrative Approval to Surface Commingle Gas Production
Masden Gas Com #1E & Hartman #1R
Sec 28, T29N, R11W
San Juan County, NM

Dear Mr. Catanach,

XTO Energy, Inc. requests administrative approval to surface commingle gas production from the Masden Gas Com #1E and the Hartman #1R. The Masden Gas Com #1E is a Basin Dakota Pool well which has a gas compressor on it. The Hartman #1R is a new well drilled in August, 2001 and located approximately 500' east of the Masden Gas Com #1E. It is shut in because it cannot produce against line pressure without compression. XTO plans to use the compressor on the Masden Gas Com #1E and compress gas from both wells. Having both wells on compression will help them overcome sales line pressure, maximizing their gas rates. Sharing a compressor will lower operating costs and reduce fuel gas usage versus setting two compressors and independently compressing gas from each well. The lower operating costs (vs independent compression) resulting from a shared compressor will extend the economic lives of both wells, thus increasing their ultimate recoveries.

A gas allocation meter will be set on the Hartman #1R. The gas meter on the Masden Gas Com #1E will be the central distribution point (CDP) sales meter for both wells. The Hartman #1R gas production will be measured independently by its own gas allocation meter. The Masden Gas Com #1E gas production will be calculated by the difference between the CDP gas sales meter volume and the Hartman #1R gas allocation meter volume. The compressor fuel usage will be divided between the wells. The oil and water production from each well will be kept separate and not surface commingled.

The interest ownership between the two wells is not common. Notification of the proposed surface commingle was sent by certified mail to all working and royalty interest owners in both wells on August 22, 2001. No objections were received within the 20 day waiting period.

The following are enclosed for your review of the proposed surface commingling:

1. Administrative Application Checklist.
2. Well information table.
3. Gas production allocation formula sheet.
4. Battery schematic of proposed installation.
5. Well location plat.
6. Form C-102 Acreage Dedication Plats for both wells.
7. List of interest owners who were notified.

Mr. David Catanach
September 19, 2001
Page Two

If you need additional information or have any questions, please contact me at (505) 324-1090.

Sincerely,

A handwritten signature in black ink that reads "Ray Martin". The signature is written in a cursive style with a large, prominent "R" and "M".

Ray Martin
Operations Engineer

cc: Oil Conservation Division Aztec
FW Land Dept.
Well Files

WELL INFORMATION

	Masden Gas Com #1E	Hartman #1R
Location	1,170' FNL & 1,190' FWL Sec 28, T29N, R11W	1,210' FNL & 660' FWL Sec 28, T29N, R11W
API #	30-045-24003	30-045-30686
Pool	Basin Dakota	Fulcher Kutz Pictured Cliffs
Pool Code	71599	77200
Acreage Dedication	N/2 of Sec. 28	NW/4 of Sec. 28
Lease Type	Fee	Fee
Gas Gravity	0.75	0.65 est.
Gas Rate	100 MCFD	100 MCFD est.

Masden Gas Com #1E & Hartman #1R Gas Allocation Formula

The Masden Gas Com #1E's existing gas sales meter will be used as the central distribution point (CDP) gas sales meter for both wells. A new gas meter was set on the Hartman #1R to be used as its allocation meter. See the attached proposed gas surface commingle installation diagram. The Hartman #1R allocation meter will separately measure its gas production. The Masden Gas Com #1E gas production will be calculated by difference between the total sales volume from the CDP sales meter and the Hartman #1R's allocation meter volume. El Paso Field Service is the gas transporter for these leases.

Masden Gas Com #1E gas production will be calculated as follows:

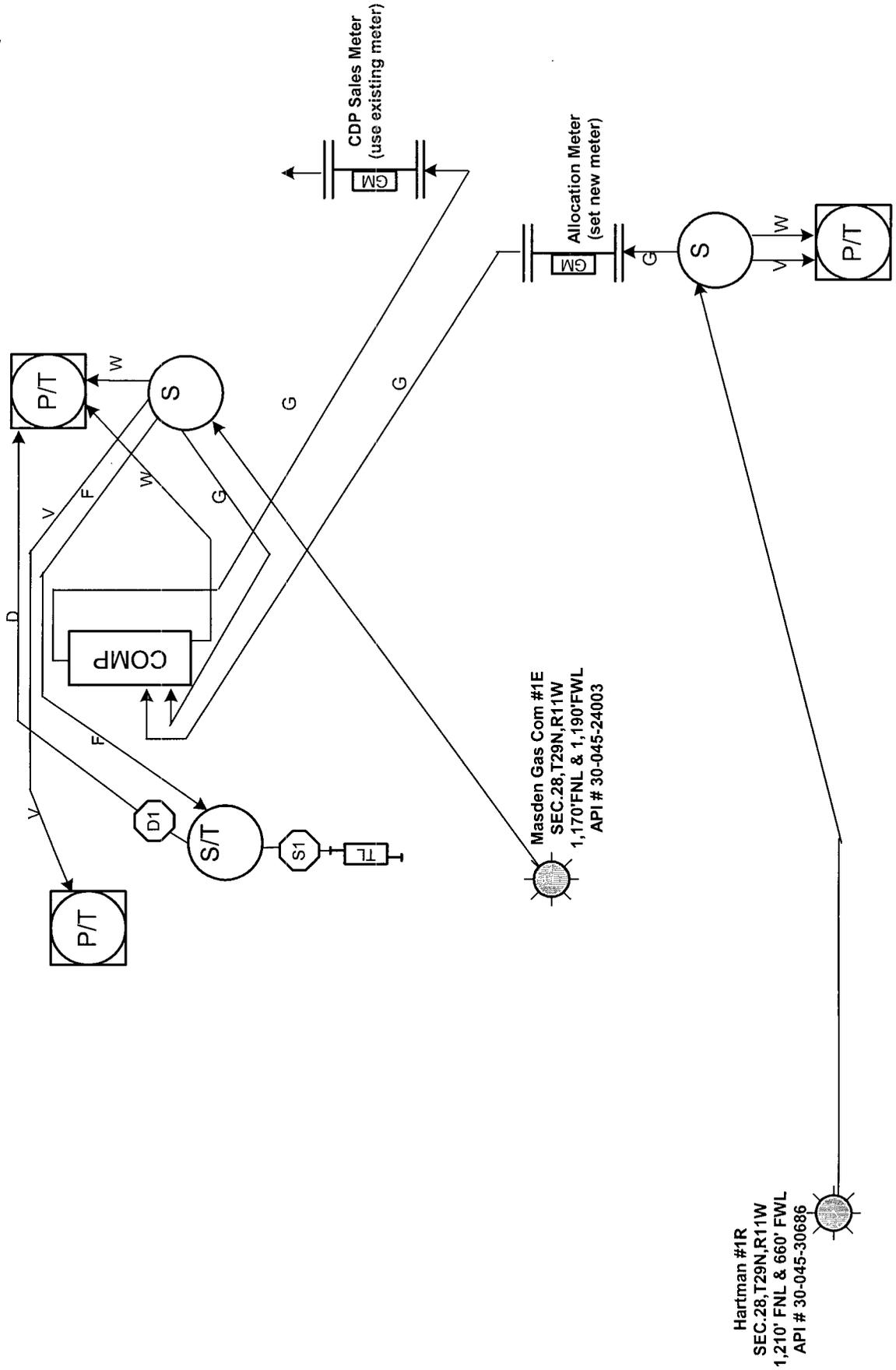
$$\text{Gas Prod.} = [\text{CDP sales meter vol.} - \text{Hartman \#1R allocation meter vol.}] + \text{Allocated compressor \& separator fuel gas vol.}$$

Hartman #1R gas production will be calculated as follows:

$$\text{Gas Prod.} = \text{Hartman \#1R allocation meter vol.} + \text{Allocated compressor \& separator fuel gas vol.}$$

The total fuel gas usage is estimated to be 9 MCFD for the compressor. The compressor's fuel usage will be divided equally between the two wells. During the winter if the well's separator water bath is heated, the fuel gas usage is estimated to be 1 MCFD for the well.

XTO ENERGY INC.
Lease: Masden Gas Com #1E & Hartman #1R
Proposed Gas Surface Commingling Installation



Hartman #1R
 SEC.28,T29N,R11W
 1,210' FNL & 660' FWL
 API # 30-045-30686

Masden Gas Com #1E
 SEC.28,T29N,R11W
 1,170'FNL & 1,190'FWL
 API # 30-045-24003

CDP Sales Meter
 (use existing meter)

Allocation Meter
 (set new meter)

BURLINGTON COZZENS C 001
23 2535
1 88
6201-0004
DKTA

DUGGEN WE 2
D&A 700

SOUTHLAND RLTY COZZENS 003
0 616
0 0
4606-9211
PCCF

KAUNE H GOVT PRM 1 458
D&A-O 1 722
DUGGEN WE 3 851
GRAHAM 1 1003
6 5 670

WAGEE & WILLIAMS
D&A 20 434

WHETSTONE T B I
S 10/26/1938

SOUTHERN UNION SUMMIT B 003
0 911
0 0
4112-UNKN
PCCF

BURLINGTON SAIZ 001E
8 892
1 94
8103-0004
DKTA

BURLINGTON IZ 001
3407
87
0004
DKTA

SOUTHLAND RLTY FAVERINO 001
0 456
0 0
4705-7012
PCCF

12/1/1934

BERGIN CTOC BERGIN 001E
D&A 3 3360
GIBSON OIL CO 1/1/1925
6204-0003
DKTA

BERGIN ESTATE
D&A 1 1670

BERGIN POOLED
BERGIN J 1 700
CTOC BERGIN 001E
4 522
1 74
8007-0003
DKTA

BERGIN J 1 704
2 660

BERGIN
D&A 9 700
BLOOMFIELD O&G CO
12/1/1925

UNKNOWN
D&A 1 700
UNKNOWN OPERATOR
6/6/1928

BURLINGTON SATEGNA 002E
8 988
1 144
8209-0004
DKTA

MASDEN-SELBY
TA 1 1692
MINTZ-KENASTON
2/25/1953

MANANA GAS COOK 001E
5 1323
1 229
8802-0004
DKTA

MANANA GAS JAN REDDING 001
0 384
0 56
8802-0004
CHCR

SALMON
D&A 1 1710
PAGE & DAVID
9/27/1955

MANANA GAS COOK 001
0 739
0 18
6005-0004
FRLD

MANANA GAS COOK 001
40 4055
0 86
6003-0004
DKTA

BURLINGTON MANGUM 005E
6/0 841/387
1/0 110/47
8009-0004/8209-0004
DKTA/CHCR

NAVAJO
D&A 1 1362
DELHI TAYLOR OIL CRP
5/20/1952

REC O&G PER S 001
164
0
UNKN
CF

29

BURLINGTON MANGUM SRC 001
0 1542
0 532
4707-0004
PCCF

BURLINGTON MANGUM SRC 005
18 1922
0 32
6110-0004
DKTA

AZTEC O&G SUMMIT VILES B 006
0 80
0 0
4903-UNKN
PCCF

HARTMAN IR

CTOC MASDEN 001E
4 512
1 162
8101-0003
DKTA

AZTEC O&G HARTMAN 001
0 344
0 0
UNKN-UNKN
PCCF

MINTZ & KENASTIN MASDEN SELBY 002
0 1
0 0
5302-UNKN
PCCF

MASDEN-SELBY POOLED 3
OIL 630
MINTZ & KENASTIN
12/23/1952

CTOC MASDEN 001
34 3846
0 127
6305-0003
DKTA

HARTMAN GAS 3 1600
HAYNES & V T DRUG CO
10/14/1953

28

BURLINGTON MANGUM 003
1 815
0 196
4709-0004
PCCF

BURLINGTON MANGUM 004
MANGUM 2 19 2461
CAS-WO 1670 1 67
BURLINGTON RES O&G 6/11/1947 6109-0004
DKTA

BURLINGTON MANGUM 002
0 2070
0 0
4707-9912
PCCF

BURLINGTON MANGUM 004E
0/3 41/460
0/0 0/45
8108-8504/8108-0004
CHCR/DKTA

VILES E E
D&A 1 870
IOWA WYCMING OIL
11/26/1930

BLACK DIAMOND 1
D&A 800
BLACK DIAMOND

MANANA GAS 3/5/1931
LAUREN KELLY 001
0 72
0 11
9111-0004
FRLD

MANANA GAS MARIAN S 001
0 92
0 16
9111-0004
CHCR

BURLINGTON MANGUM 001
15 2624
0 54
6301-0004
DKTA

TAURUS GARLAND 003
0 224
0 15
8102-0004
CHCR

SOUTHERN UNION GARLAND B 001
0 356
0 0
7307-7506
PCCF

BURLINGTON GARLAND B 001R
0 765
0 59
UNKN-0004
PCCF

CONOCO NYE COM 001
36 4579
0 113
6005-0003
DKTA

BURLINGTON SUMMIT B 005
0 1431
0 237
4704-0004
PCCF

BURLINGTON MANGUM 009
0 468
0 70
8705-0004
FRLD

BURLINGTON SUMMIT 006
28 3639
0 56
6211-0004
DKTA

BURLINGTON SUMMIT 004
0 1851
0 0
4702-9904
PCCF

TAURUS SUMMIT 001

LITTLE O&G ELLEDGE FED 34 011
0/0 8/43
0/0 0/4
8110-0003/8110-0003
FRLD/FMNG

CHAPARRAL CONGRESS
CHAPARRAL 001
0 654
1/2 171

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
811 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

APR 18 2001

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-30686	² Pool Code 77200-71210	³ Pool Name Fulcher KUTZ ALTEC PICTURED CLIFFS
⁴ Property Code 28116	⁵ Property Name HARTMAN	⁶ Well Number 1R
⁷ DGRID No. 167067	⁸ Operator Name CROSS TIMBERS OPERATING CO.	⁹ Elevation 5402'

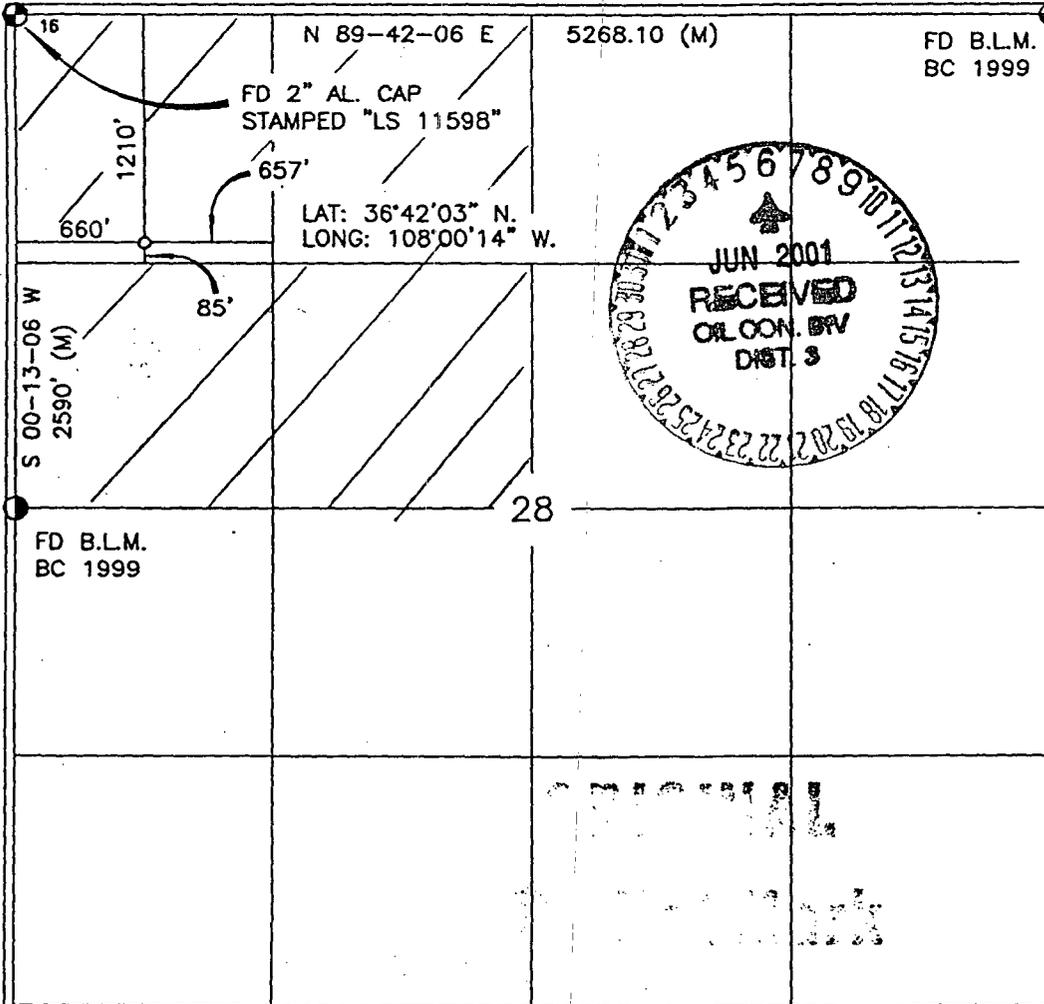
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	28	29-N	11-W		1210'	NORTH	660'	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 160.00 NW/4		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 17 OPERATOR CERTIFICATION

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

Signature: *JW Patton*
 Printed Name: JEFFREY W PATTON
 Title: DRILLING ENGINEER
 Date: 6-4-01

18 18 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 belief.

Date of Survey: 4-16-01
 Signature of Professional Surveyor: *[Signature]*
 Title: PROFESSIONAL LAND SURVEYOR
 Certificate Number: 8894

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 7088
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-

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

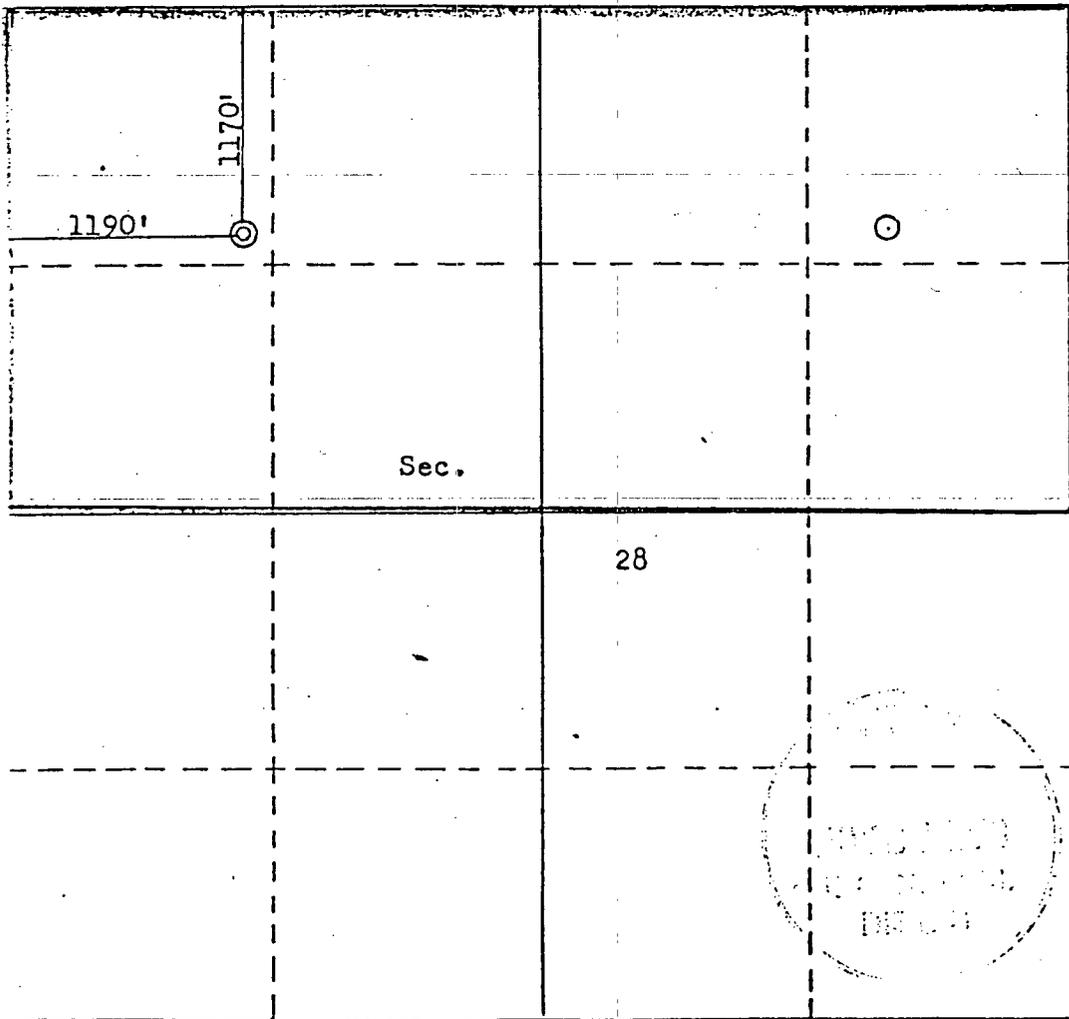
Operator AMOCO PRODUCTION COMPANY		Lease MASDEN GAS COM		Well No. 1-E
Init Letter D	Section 28	Township 29N	Range 11W	County San Juan
Actual Footage Location of Well: 1170 feet from the North line and 1190 feet from the West line				
Ground Level Elev. 5405	Producing Formation Dakota	Pool Basin Dakota		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 Communitization

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 Commission.



CERTIFICATION

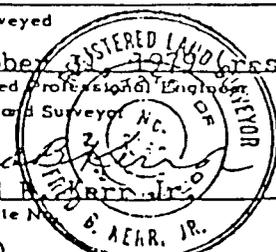
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

B. E. Fackrell

Name B. E. FACKRELL
Position DISTRICT ENGINEER
Company AMOCO PRODUCTION COMPANY
Date NOVEMBER 20, 1979

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 October 23, 1979
Registered Professional Engineer and/or Land Surveyor N.C. <i>Fred B. Aehr, Jr.</i>
Certificate No. 3950



Surface commingle Hartman #1R and Masden Gas Com #1E	
OWNER NAME/ADDRESS	INTEREST TYPE
SYLVIA LITTLE PO BOX 1258 FARMINGTON, NM 87499-1258	R
T C MORAN AND CO PARTNERSHIP 3415 S RACE ST ENGLEWOOD, CO 80110-3137	R
HARRIS FAMILY TRUST GEORGE AND MARY HARRIS TRUSTEES ACCT #161100000 C/O ARIZONE ST SAVINGS & C U 280 W MAIN ST. SAFFORD, AZ 85546-2349	R
F L AND EVA LEE LIVING TRUST EVA LEE TRUSTEE U/A DTD DECEMBER 9, 1986 PO BOX 544 FARMINGTON, NM 87499-0544	R
T H C COMPANY, A PARTNERSHIP 475 17TH ST STE 980 DENVER, CO 80202	R
CHRISTMANN MINERAL COMPANY A TEXAS CORPORATION PO BOX 66 PINEDALE, WY 82941-0066	R
HERD PARTNERS, LTD. PO BOX 130 MIDLAND, TX 79702	R
JERRY D & SUE H WINGET REVOCABLE TRUST, JERRY D & SUE H WINGET TRUSTEES NORTHERN TRUST BANK OF ARIZONA ACCT# 1611705223 RT# 122105210 1525 SOUTH GREENFIELD ROAD MESA, AZ 85206-3301	R
ERNEST JAMES SATEGNA JR PO BOX 441 BLOOMFIELD, NM 87413-0441	R
JOHN L SATEGNA 1296 ABERFORD DR SAN JOSE, CA 95131-2801	R
PHILLIP SATEGNA 600 N NEWBY LN BLOOMFIELD, NM 87413-6752	R
THOMAS G SATEGNA 9612 CANDLE LN NE ALBUQUERQUE, NM 87111-1611	R

EARL LEROY DANIELS ESTATE 664 - 39 RD PALISADE, CO 81526-9312	R
ERNEST E HARRIS & LAURA HARRIS, JTS/WROS PO BOX 713 SHOW LOW, AZ 85901-0713	R
DELBERT F HARRIS & MARGARET P HARRIS, JTS/WROS RT 2 BOX 753 SAFFORD, AZ 85546-9725	R
MOLLY E BRAMLETTE 710 CRESTVIEW DR FARMINGTON, NM 87401-9107	R
ADA K WOOD RFD 3 BOX 205-1 CHICKASHA, OK 73018-9803	R
KELLER FARMS INCORPORATED 4507 ATLANTIC ST FARMINGTON, NM 87402-0000	R
CHARLES M WILCOX LIVING TRUST CHARLES M WILCOX, TRUSTEE U/A DATED MARCH 31, 1980 3809-A MIORI LN VICTORIA, TX 77901-3694	R
FERRARI TRUST, RUDY P AND ALBINA G FERRARI, TRUSTEES PO BOX 104 BLOOMFIELD, NM 87413-0104	R
JACK MARKHAM FIRST NATIONAL PIONEER BLDG. 1500 BROADWAY, SUITE 1212 LUBBOCK, TX 79401-0000	R
DONALD L MANGUM PO BOX 188 PANGUITCH, UT 84759-0188	R
JACK D THORNTON ESTATE EULA V THORNTON & FORREST WAYNE THORNTON, IND CO-EXECS PO BOX 8734 MIDLAND, TX 79708-1734	R
JOE B JR & DOROTHY NELL TIPTON JOINT TENANTS PO BOX 1081 MENARD, TX 76859-1081	R
OLIVER HARRIS 9 RD 5821 FARMINGTON, NM 87401-9526	R

MARIA RAIMONDO SCALA	R
BALDISSERO CANAVESE	
PRAMONICO, TO 10080	
ITALY, . 00000-0000	
GAIL ANN SEYMON MYERS	R
3218 CHABLIS COURT	
PLEASANTON, CA 94566-7733	
KATHRYN V SCHRECK TRUSTEE	R
UTA DATED 11/13/89	
PO BOX 1563	
AZTEC, NM 87410-4563	
FLORENCE PALMER TUTTLE	R
1629 ROENE WOOD CIR	
TAYLORSVILLE, UT 84123-0000	
BURLINGTON RESOURCES OIL & GAS COMPANY	W,O
PO BOX 840656	
DALLAS, TX 75284-0656	
JOHN D CAIN, JR.	O
404 PROSPECTORS POINT	
GRAND JUNCTION, CO 81503-1500	
JAMES P CAIN	O
2519 WEST LAUREL	
FT COLLINS, CO 80521-3105	
CHARLES B CAIN	O
2197 W 23RD AVE	
APACHE JUNCTION, AZ 85220-6842	
PAULA RACHEL KAUFMAN	R
% DEVA FOUNDATION	
PO BOX 309	
GLORIETA, NM 87535	
JAMES M RICHARDSON	R
PO BOX 1625	
CARNGLIAN BAY, CA 96140-1625	
ELIZABETH HARRIS FAMILY TRUST	R
ARNOLD MELVIN HARRIS TRUSTEE	
16297 MIDWAY RD	
NAMPA, ID 83651	
HUGH J MITCHELL TRUST B	O
RAIMONDA MITCHELL, TRUSTEE	
P O BOX 1109	
FARMINGTON, NM 87499-1109	
Lafa, LLC	R
ROBERT E LAUTH, II, MANAGER	
P O BOX 1750	
DURANGO, CO 81302-1750	
JOSIE FLORIDA SANDOVAL	R
1014 KATHY LYNN	
BLOOMFIELD, NM 87413	

THERESA R. KAMPLAIN	R
PO BOX 36484	
ALBUQUERQUE, NM 87176-6484	
BARBARA M. GONZALES	R
4632 ROCKAWAY LOOP NE	
RIO RANCHO, NM 87124	
DAVID L. SANDOVAL	R
1014 KATHY LYNN	
BLOOMFIELD, NM 87413	
PETROQUEST, INC.	R
PO BOX 2217	
FARMINGTON, NM 87499	
ESTHER SANDOVAL	R
1104 WEST MAPLE	
BLOOMFIELD, NM 87413	
PROVIDENCE MINERALS, LLC	R
14860 MONFORT DR, STE 209	
DALLAS, TX 75240	
RIO ARRIBA INVESTMENTS, LLC	
C/O XTO ENERGY INC.	
810 HOUSTON STREET	
FORT WORTH, TX 76102	