



5. Harper #2F 2020' FSL, 1585' FEL.  
E/2 J 14-31N-12W

6. Richardson #8F 2510' FSL, 1915' FEL,  
E/2 J 10-31N-12W

C. Attached are copies of the C-102s for all six (6) infill pilot wells.

D. Each well is predicated on being located among existing Dakota wells in such a way as to complete an appropriate pattern to obtain additional data for reservoir simulation modeling. It is necessary to locate them at locations not currently permitted by the pool rules because:

(a) the infill pilot wells are to be located among existing wells at locations in the reservoir which have not been adequately drained by existing wells in order (i) to properly test for interference between and among wells; and (ii) to obtain appropriate pressure data;

(b) the pilot wells are necessary in order to obtain pressure data which will be used to future refine the simulation and allow Burlington to then accurately predict the proper well density and well locations requirements for this area of the pool; and

(c) because there is a general north-south orientation to the drainage patterns of existing wells, each of the proposed infill pilot wells is located so as to minimize the effect that those existing drainage patterns will have on the pilot wells.

E. In addition, five (5) of these locations had to be further adjusted in order to comply with BLM requirements or satisfy topographical limitations. **See attached topography map.** The following reasons support these location exceptions:

(1) Davis 7F well has been moved three times for archeological reasons and there is no suitable standard location available for this well;

(2) Grenier 11F well location is unorthodox due to road restrictions and there is no suitable standard location available;

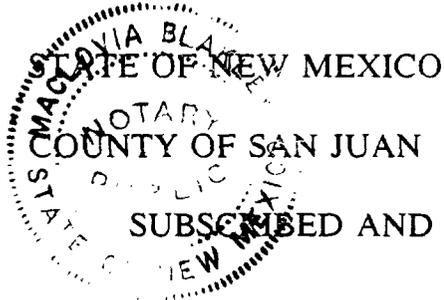
(3) Davis 8R well's location in the northeast portion of its drill block was not available due to a lack of roads in that quarter-quarter section. The location was moved further north because of archaeological reasons and there is no suitable standard location available;

(4) Harper 2F well: there is no suitable standard location available for this well; and

(5) Richardson 8F well is located on an existing road and there is no suitable standard location available.

FURTHER AFFIANT SAYETH NOT:

Bill Babcock  
Bill Babcock



)  
)SS  
)

SUBSCRIBED AND SWORN to before me this \_\_\_th day of December, 2000.

Maebria Blain  
Notary Public

My Commission Expires:

5-16-02

(SEAL)

DISTRICT I  
P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994  
Instructions on back

DISTRICT II  
P.O. Drawer DD, Artesia, N.M. 88211-0719

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

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, NM 87504-2088

AMENDED REPORT

DISTRICT IV  
PO Box 2088, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-	<sup>2</sup> Pool Code 71599	<sup>3</sup> Pool Name Basin Dakota
<sup>4</sup> Property Code 18509	<sup>5</sup> Property Name DAVIS	<sup>6</sup> Well Number 7F
<sup>7</sup> OGRID No. 14538	<sup>8</sup> Operator Name -BURLINGTON RESOURCES OIL & GAS INC.	<sup>9</sup> Elevation 6259'

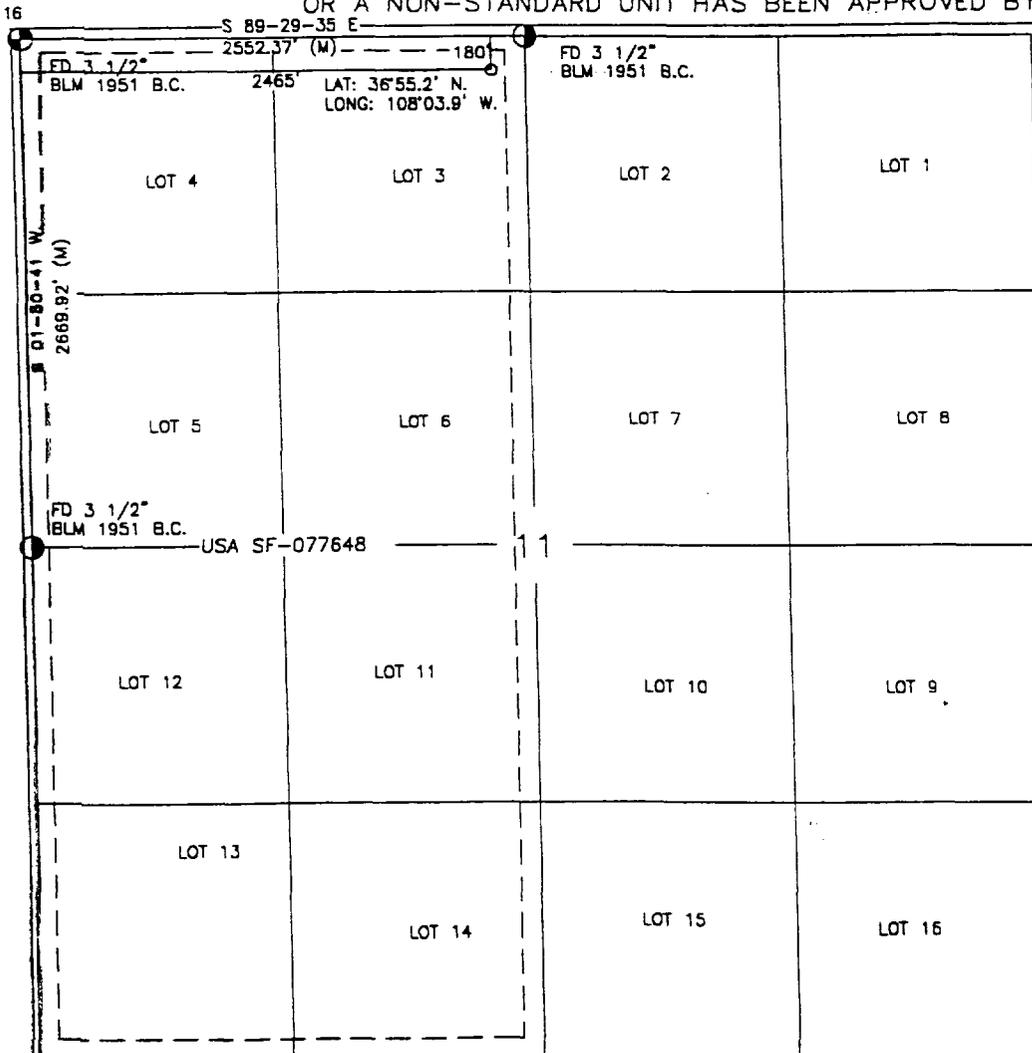
<sup>10</sup> Surface Location.

BLM or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	11	31-N	12-W		180	NORTH	2465	WEST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

BLM or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres W/305.4									
<sup>13</sup> Joint or Infill				<sup>14</sup> Consolidation Code			<sup>15</sup> 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 OPERATOR CERTIFICATION

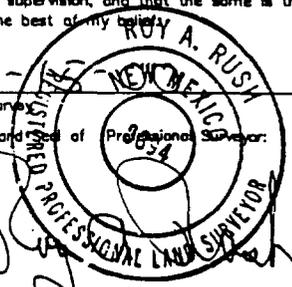
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature  
Peggy Cole  
Printed Name  
Regulatory Supervisor  
Title  
Date

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  
Signature and Seal of Professional Surveyor  
8894  
Certificate Number



DISTRICT I  
P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, N.M. 88211-0719

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Energy, Minerals & Natural Resources Department

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-		<sup>2</sup> Pool Code 71599		<sup>3</sup> Pool Name Basin Dakota	
<sup>4</sup> Property Code 18509		<sup>5</sup> Property Name DAVIS			<sup>6</sup> Well Number 8R
<sup>7</sup> DGRID No. 14538		<sup>8</sup> Operator Name BURLINGTON OIL AND GAS, INC.			<sup>9</sup> Elevation 6309'

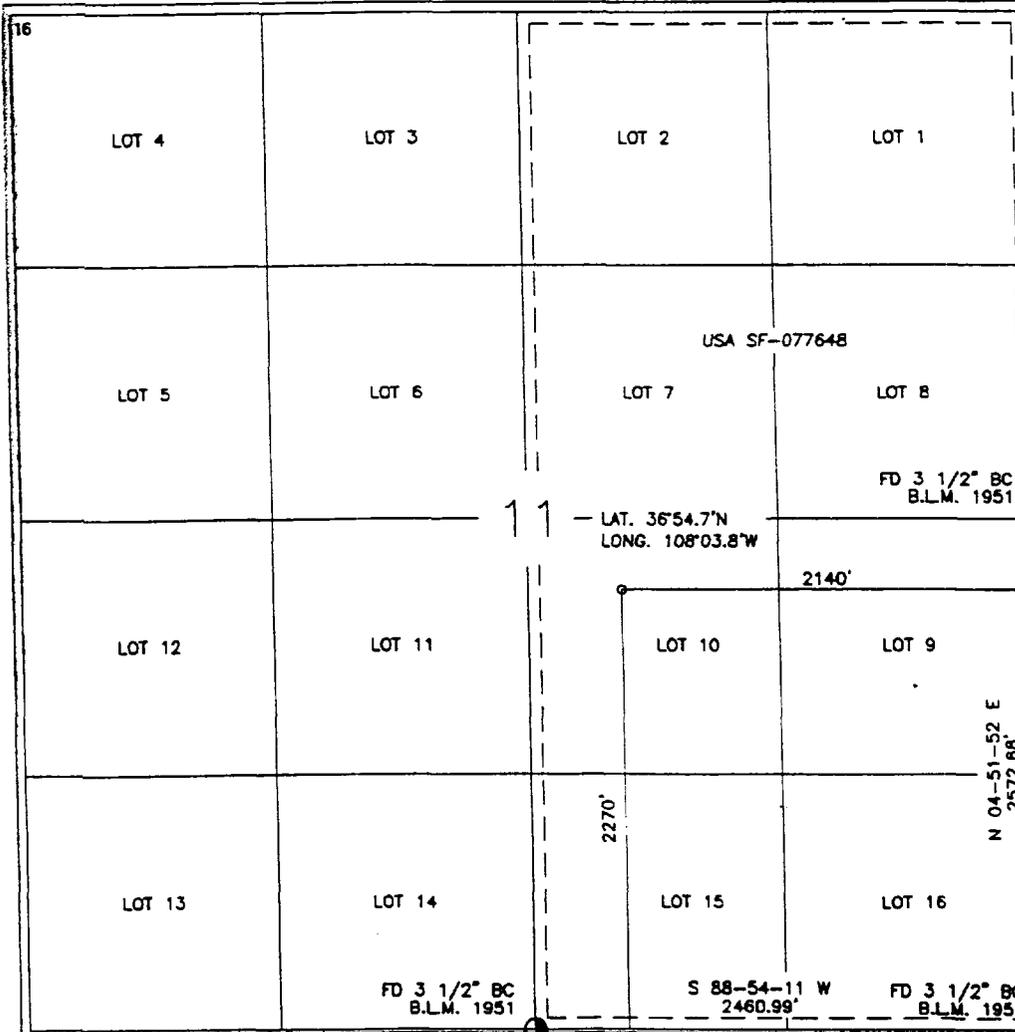
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	11	31-N	12-W		2270'	SOUTH	2140'	EAST	SAN JUAN

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres E/305.96		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

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Printed Name  
Regulatory Supervisor  
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Date

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Signature and Seal of Professional Surveyor  
Certificate Number  
8894

9-14  
NEW MEXICO  
REGISTERED PROFESSIONAL LAND SURVEYOR

DISTRICT I  
P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, N.M. 88211-0719

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Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-		<sup>2</sup> Pool Code 71599		<sup>3</sup> Pool Name Basin Dakota	
<sup>4</sup> Property Code 18517		<sup>5</sup> Property Name EAST			<sup>6</sup> Well Number 7F
<sup>7</sup> GRID No. 14538		<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS INC.			<sup>9</sup> Elevation 6276

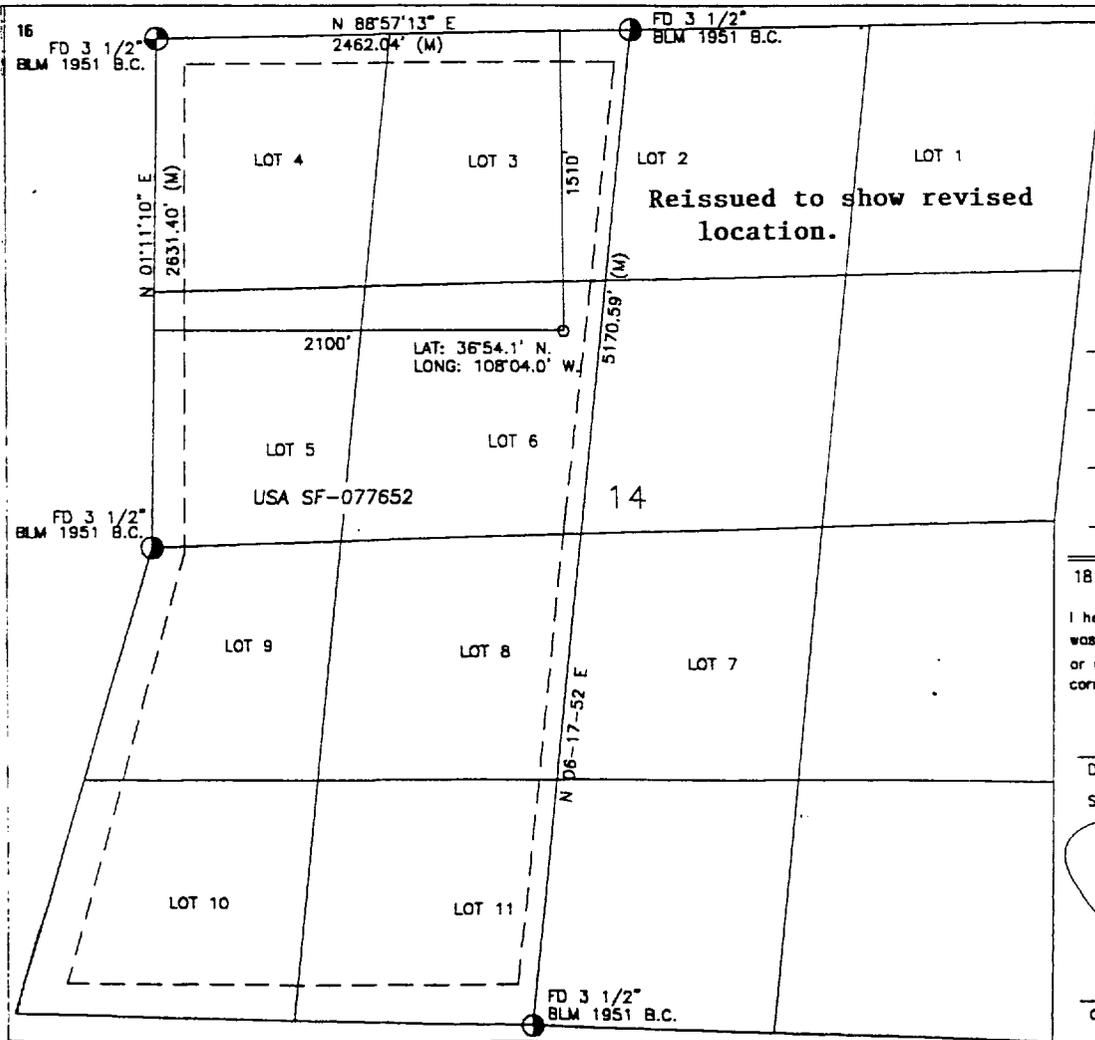
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	14	31-N	12-W		1510	NORTH	2100	WEST	SAN JUAN

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres W/282.06		<sup>13</sup> Joint or infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

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

Signature \_\_\_\_\_  
Peggy Cole  
Printed Name  
Regulatory Supervisor  
Title  
Date \_\_\_\_\_

<sup>18</sup> 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: 10-17-94  
Signature and Seal of Professional Surveyor: [Signature]  
[Seal: ROTA RUSH NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 8894]  
Certificate Number: 8894

DISTRICT I  
P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, N.M. 88211-0719

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

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PO Box 2088, Santa Fe, NM 87504-2088

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Energy, Minerals & Natural Resources Department

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-		<sup>2</sup> Pool Code 71599	<sup>3</sup> Pool Name Basin Dakota
<sup>4</sup> Property Code 18530	<sup>5</sup> Property Name GRENIER		<sup>6</sup> Well Number 11F
<sup>7</sup> OGRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS INC.		<sup>9</sup> Elevation 6231'

<sup>10</sup> 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	13	31-N	12-W		965	NORTH	500	WEST	SAN JUAN

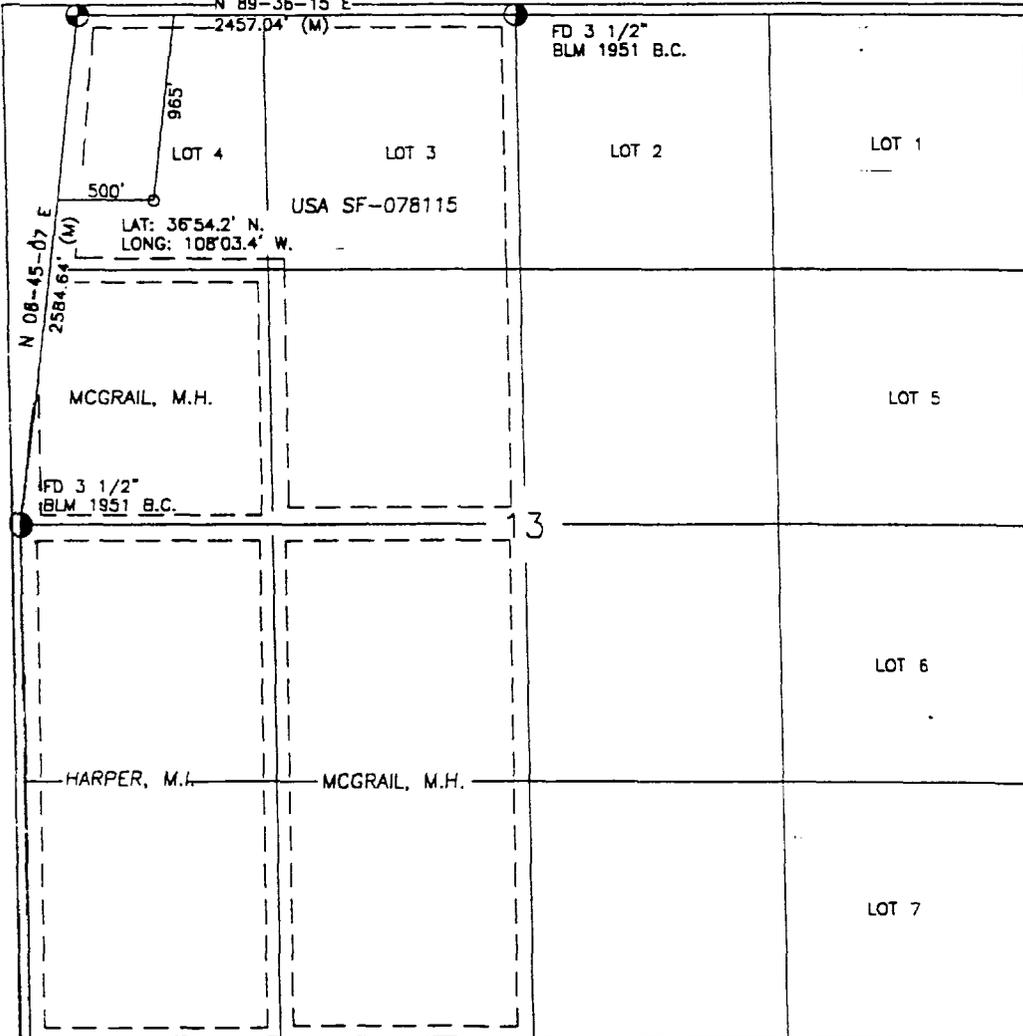
<sup>11</sup> Bottom Hole Location If Different From Surface

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

<sup>12</sup> Dedicated Acres W/314.53	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
FD 3 1/2" OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> BLM 1951 B.C. N 89-36-15 E



<sup>17</sup> OPERATOR CERTIFICATION

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

Signature  
Peggy Cole  
Printed Name  
Regulatory Supervisor  
Title  
Date

<sup>18</sup> SURVEYOR CERTIFICATION

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Date of Survey  
9-28-94  
Signature and Seal of Professional Surveyor  
ROY A. RUSH  
REGISTERED PROFESSIONAL LAND SURVEYOR  
NEW MEXICO

8894  
Certificate Number

DISTRICT I  
P.O. Box 1980, Hobbs, N.M. 88241-1980

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WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-	<sup>2</sup> Pool Code 71599	<sup>3</sup> Pool Name Basin Dakota
<sup>4</sup> Property Code 18537	<sup>5</sup> Property Name HARPER	<sup>6</sup> Well Number 2F
<sup>7</sup> OGRID No. 14538	<sup>8</sup> Operator Name BURLINGTON OIL AND GAS, INC.	<sup>9</sup> Elevation 6179'

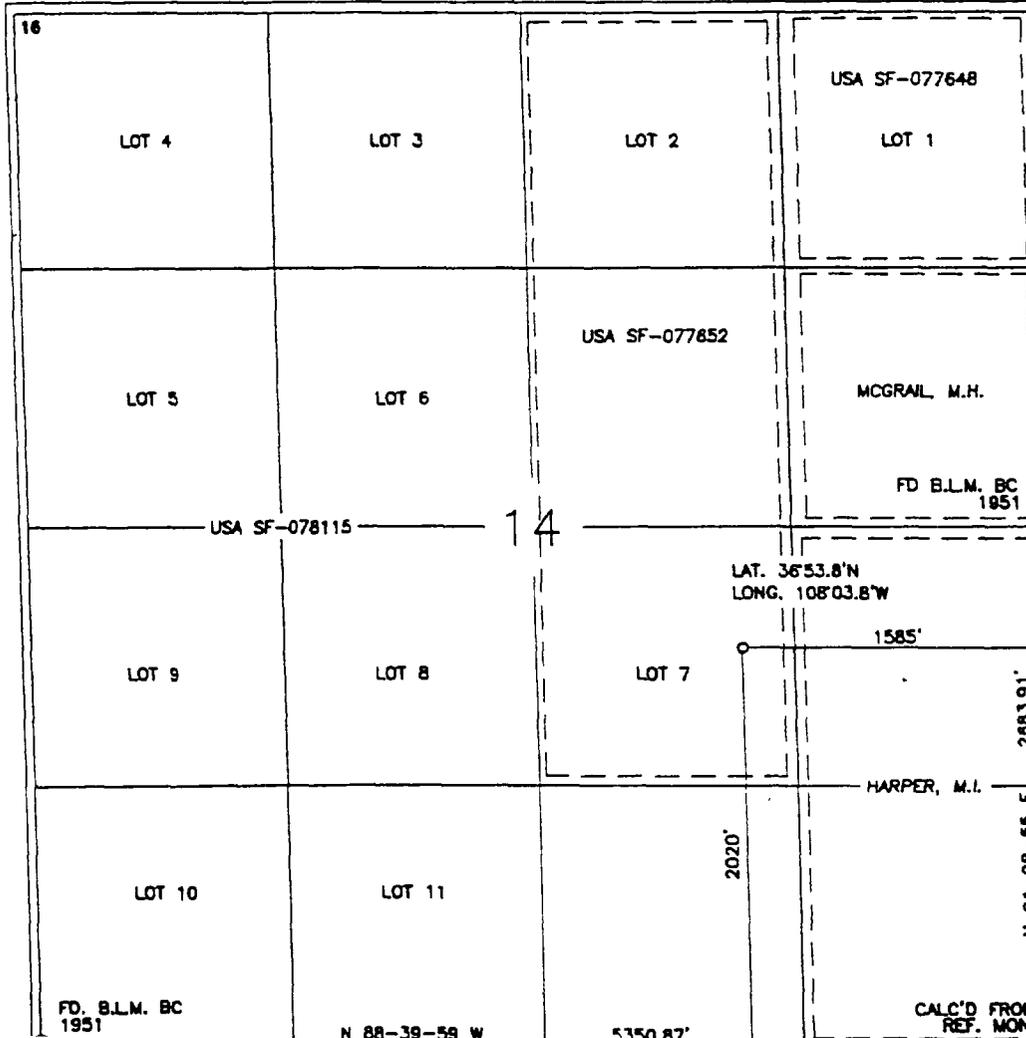
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	14	31-N	12-W		2020'	SOUTH	1585'	EAST	SAN JUAN

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres E/309.7		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

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Signature  
Peggy Cole  
Printed Name  
Regulatory Supervisor  
Title

Date

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Date of Survey  
9-14-94  
Signature and Title of Professional Surveyor  
ROY A. RUSH  
REGISTERED PROFESSIONAL LAND SURVEYOR

8894

Certificate Number

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WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-		<sup>2</sup> Pool Code 71599		<sup>3</sup> Pool Name Basin Dakota	
<sup>4</sup> Property Code 7422		<sup>5</sup> Property Name RICHARDSON			<sup>6</sup> Well Number 8F
<sup>7</sup> OGRID No. 14538		<sup>8</sup> Operator Name BURLINGTON OIL AND GAS, INC.			<sup>9</sup> Elevation 6170'

<sup>10</sup> Surface Location

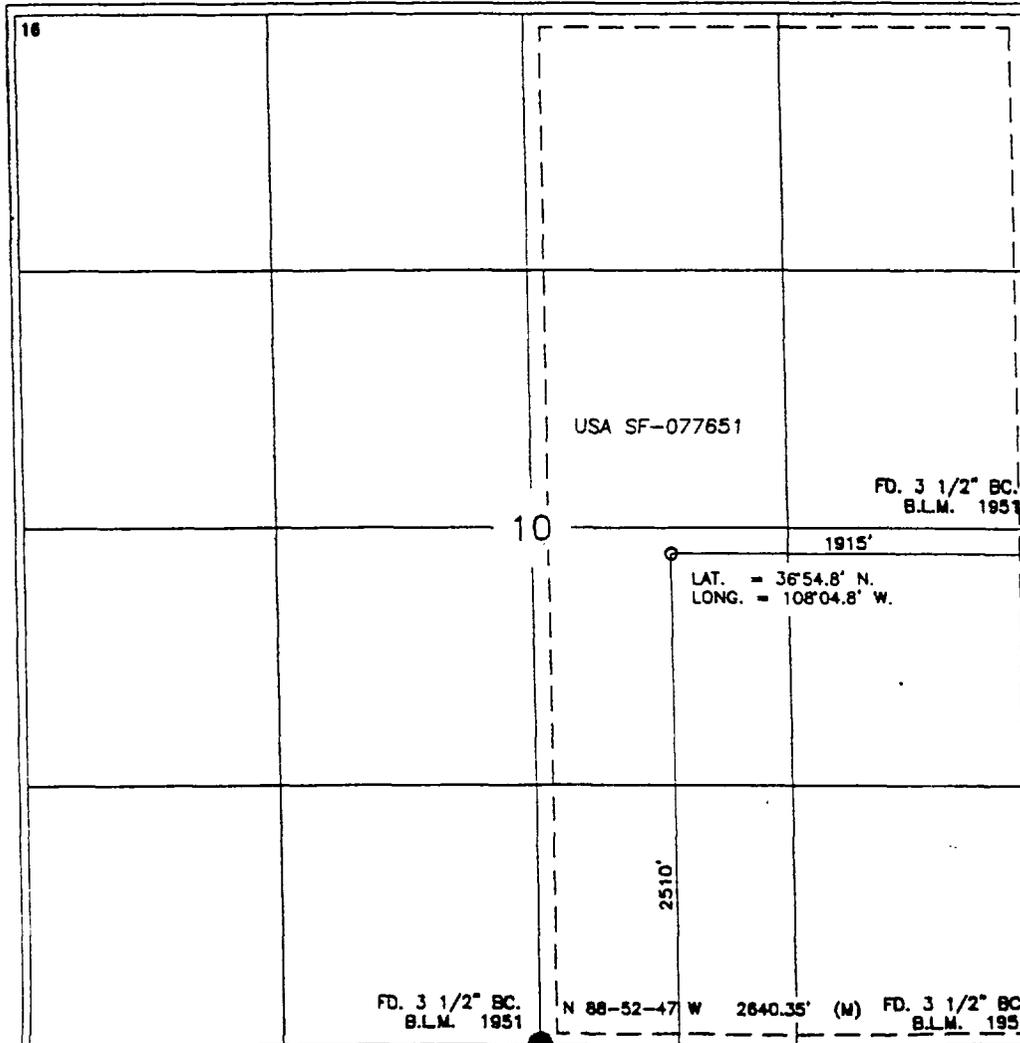
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	10	31-N	12-W		2510	SOUTH	1915	EAST	SAN JUAN

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres E/320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--	-------------------------------	----------------------------------	-------------------------

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17 OPERATOR CERTIFICATION

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

Signature \_\_\_\_\_  
Printed Name Peggy Cole  
Title Regulatory Supervisor

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Date of Survey 9-1  
Signature and Seal of Professional Surveyor: [Signature]  
Certificate Number 8894

