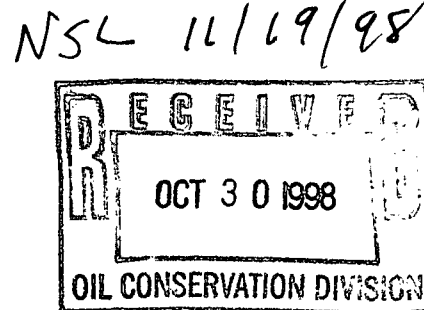


# MERRION

OIL & GAS



October 28, 1998

Mr. Michael E. Stogner  
New Mexico Oil Conservation Division  
2040 S. Pacheco St.  
Santa Fe, New Mexico 87505

**Re: Revised Application of Merrion Oil & Gas  
Non-Standard "Off Pattern" Location  
Shank Com #1  
Basin Fruitland Coal Pool  
NW/4 Section 2, T26N, R13W  
San Juan County, New Mexico**

Dear Mr. Stogner:

In an application dated September 17, 1998, Merrion Oil & Gas Corp. (Merrion) requested administrative approval for a non-standard location for the subject well. Although no objections were submitted by offset operators, in a letter dated October 21, 1998, you denied the application based on the recommendation of Ernie Busch of the Aztec OCD. Mr. Busch did not feel that our geologic arguments supported the fact that a well in the "off pattern" NW/4 would be significantly better than a standard location in the SW/4. After discussions with Mr. Busch and yourself, Merrion has decided to clarify our reasoning and re-apply for administrative approval for this NSL.

Merrion has an approved State APD to drill the Shank Com #1 in the NW/4 of Section 2, T26N, R13W. The well will be completed in the Basin Fruitland Coal on a W/2 320 acre spacing unit (see Exhibit 1 and 2). Although the well is at standard offsets from the spacing unit boundary, it is non-standard because of its "off pattern" location in the northwest quarter versus the southwest quarter of the section.

Merrion is proposing to drill the well on the northern part of the spacing unit for geologic reasons. Exhibit 3 is a log cross-section showing that the coal thickness increases to the north and east across the project area. The total coal thickness of approximately 26 feet in the SW/4 of Section 10 increases to 39 feet in the NW/4 of Section 2, T26N, R13W, where Merrion proposes to drill the well.

Page Two  
October 28, 1998

Along with the increasing coal thickness, there is a dramatic improvement in coal quality to the northeast across the project area. Exhibit 4 shows that adjacent wells to the southwest of the Shank Com #1 spacing unit are uneconomic at gas rates of 0 to 42 MCFD. Wells to the northeast in the "sweet trend" as shown on Exhibit 4 are making up to 600 MCFD. This dramatic improvement in well performance indicates a substantial improvement in coal quality and cleating to the north and east.

Merrion strongly feels that a well in the SW/4 of Section 2 will be similar to the offsets too the southwest and will be uneconomic. It is only by drilling the well in the thicker, higher quality, more cleated coal in the NW/4 of the section that we can have an economically viable project. Therefore, we request that you reconsider and approve our application.

Exhibit 2 is a plat showing the offset operators in the area. Exhibit 5 is a list of operators who received certified copies of this application.

Please notify me at (505) 327-9801, ext. 114 if more information is required.

Sincerely,

  
George F. Sharpe  
Manager – Oil & Gas Investments

Xc: Well File  
Ernie Busch – Aztec OCD

Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APT Number 30-045-29516		2 Pool Code 71629		3 Pool Name Basin Fruitland Coal	
4 Property Code 22342		5 Property Name Shank Com			6 Well Number 1
7 OGRID No. 014634		8 Operator Name MERRION OIL & GAS			9 Elevation 6045'

10 Surface Location

UL or lot no. F	Section 2	Township 26 N	Range 13 W	Lot Ida SENW	Feet from the 1840	North/South line North	Feet from the 1840	East/West line West	County San Juan
--------------------	--------------	------------------	---------------	-----------------	-----------------------	---------------------------	-----------------------	------------------------	--------------------

11 Bottom Hole Location If Different From Surface

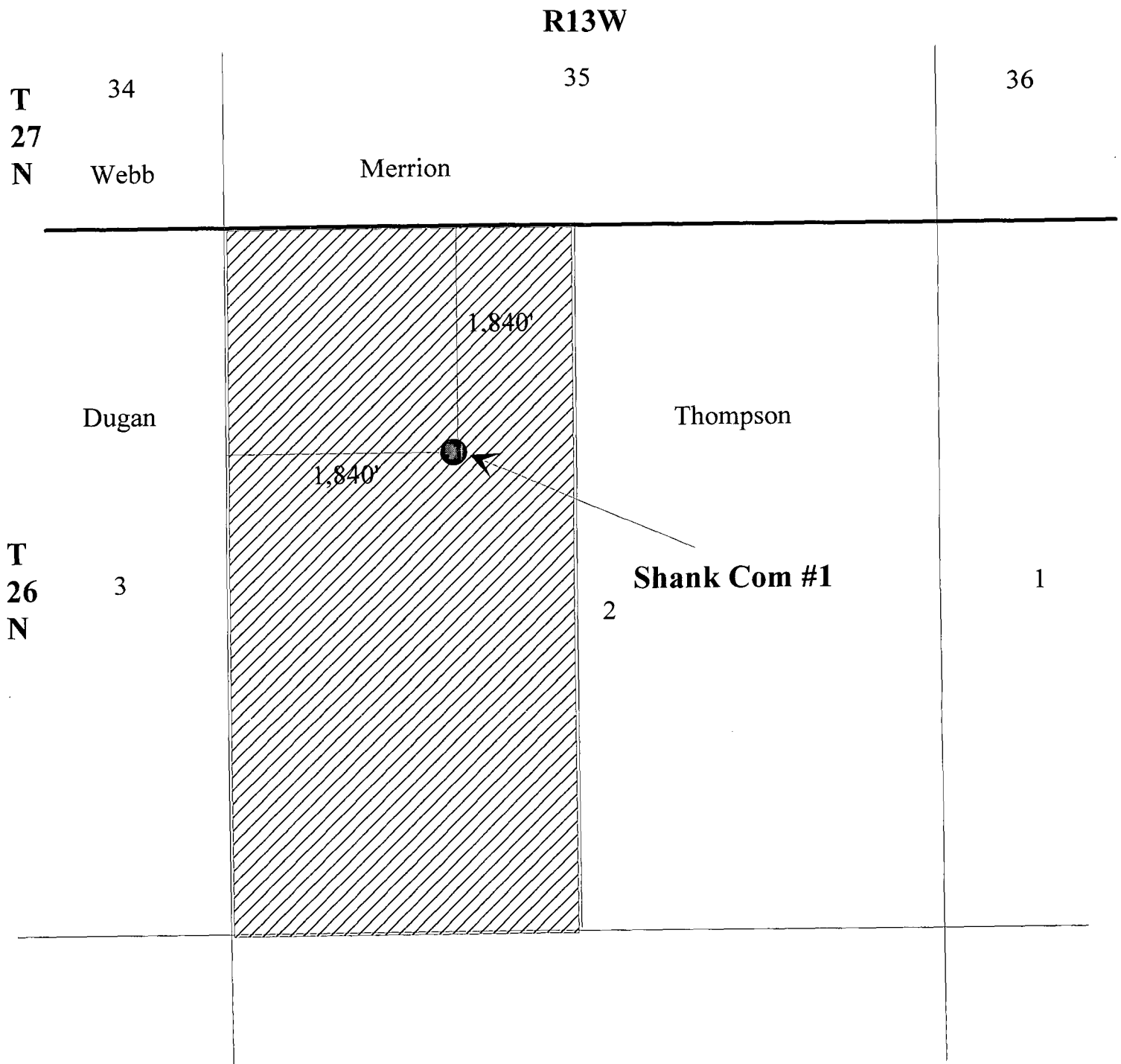
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

12 Dedicated Acres 320.319.96	13 Joint or Infill	14 Consolidation Code	15 Order No. In progress
----------------------------------	--------------------	-----------------------	-----------------------------

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

16 39.95 1840' 1840'		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Steven S. Dunn Printed Name Dr1g & Prod Manager Title 1/26/98 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 6844 REGISTERED LAND SURVEYOR 6844 Certificate Number		EXHIBIT 1 240.07 40.13 40.01 39.95 79.96 8 159.96 16 319.96	

**EXHIBIT 2**  
**SHANK COM #1**  
**Non-Standard Location**  
**Offset Operator Plat**



# EXHIBIT 3

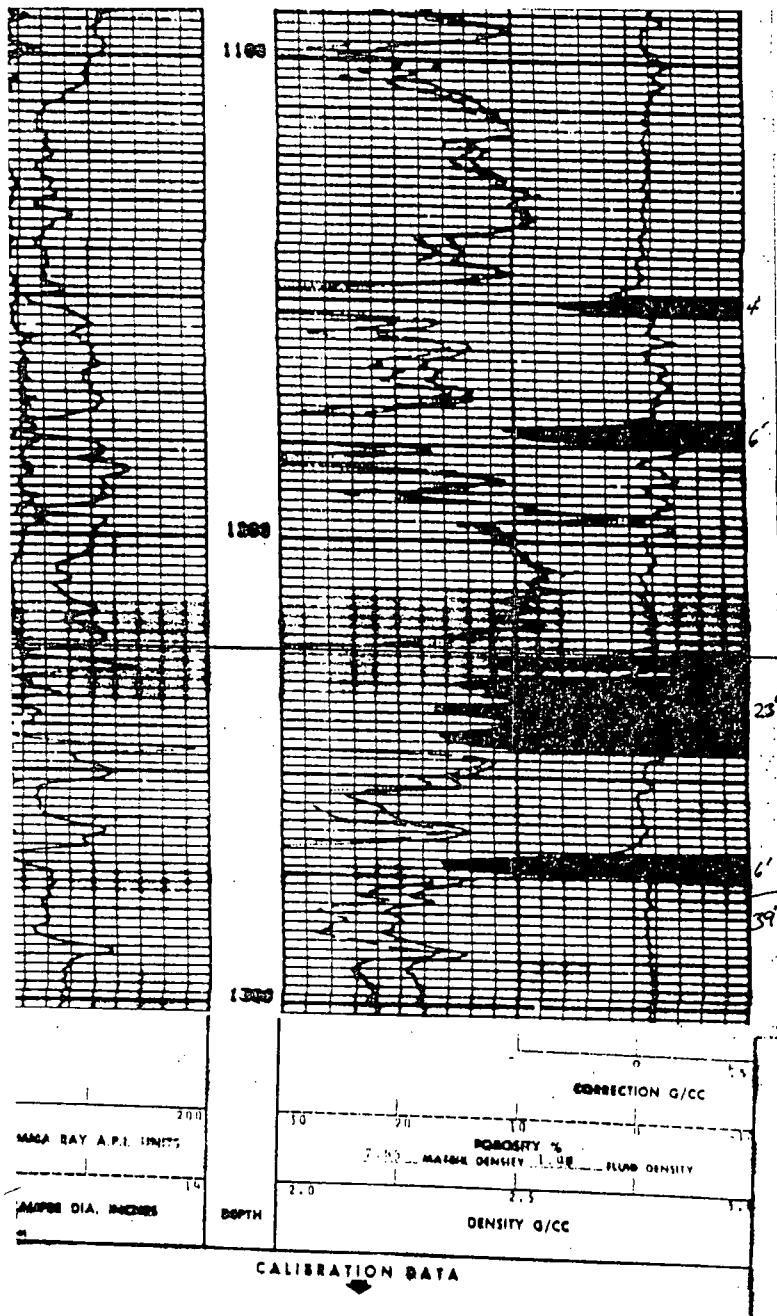
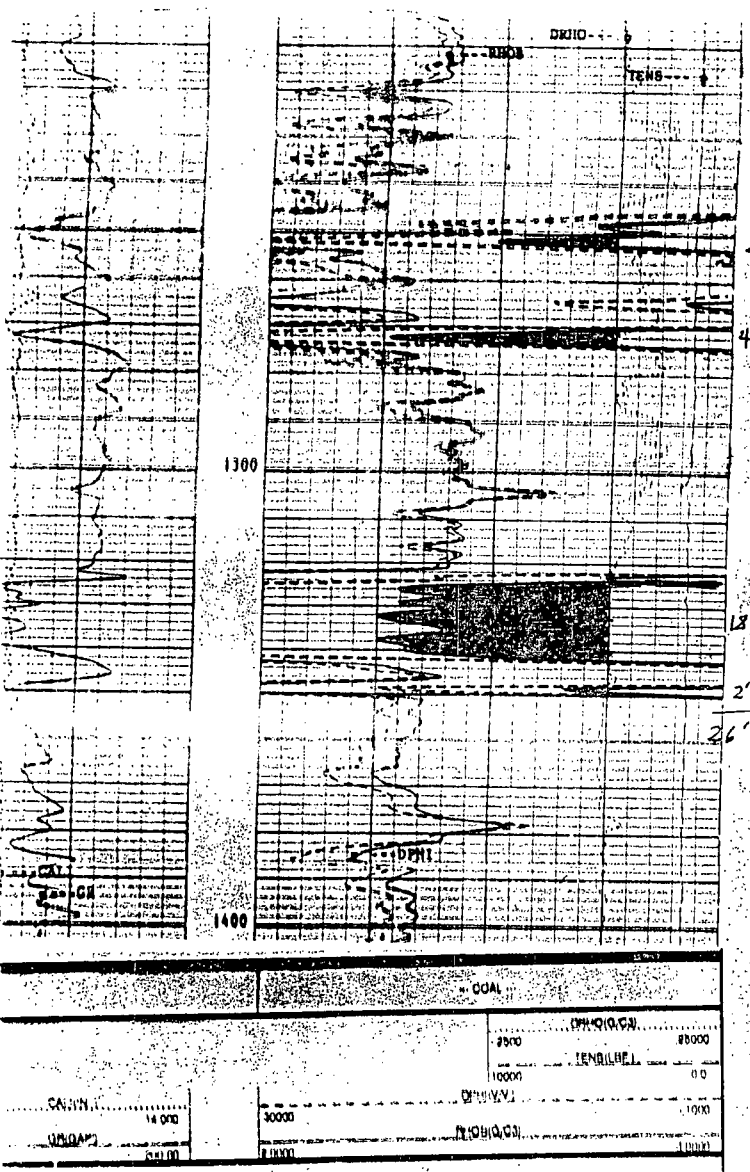
## Density Log Cross Section

Shank Corn Location

SW  
Gallegos Fed 26-B-10 #2  
Density Log  
10N - 26N - 13W

Bartlesville #1  
Density Log  
2C - 26N - 13W

NE



CALIBRATION DATA

# EXHIBIT 4

## FRUITLAND COAL PRODUCTION

MCFD  
Cum MCF

Bubble on Rate

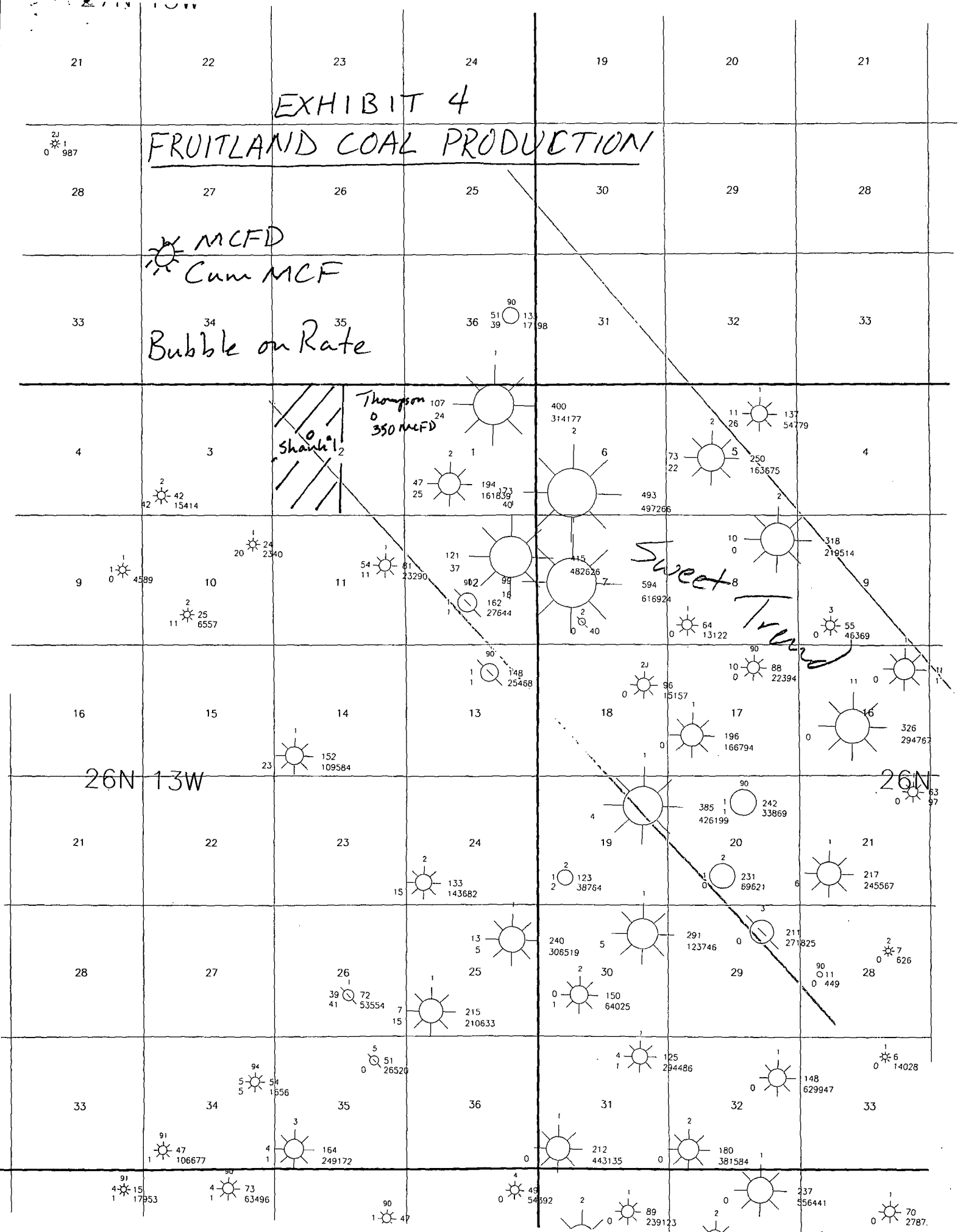
Shank's

Thompson  
0  
350 MCFD

Sweet

26N 13W

26N



**Exhibit 5**

Offset Operator Notification  
Shank Com #1  
Non-Standard Location

To: Offset Operators

If you have questions, please call George Sharpe at 327-9801. If you have any objections to this application, please notify the NMOCD in writing within 20 days of receipt of this application.

Mr. Paul Thompson  
Thompson Engineering  
7415 E. Main  
Farmington, New Mexico 87402

Mr. John Alexander  
Dugan Production  
P.O. Box 420  
Farmington, New Mexico 87499

Mr. Max Webb  
2705 ½ E. Main  
Farmington, New Mexico 87402

**Stogner, Michael**

---

**From:** Busch, Ernie  
**Sent:** Tuesday, November 17, 1998 9:33 AM  
**To:** Mike Stogner  
**Subject:** merrion o&g nsl  
**Importance:** High

Mike,

This is concerning the Shank Com #1 well that we denied as an administrative application, on the first go around. Merrion resubmitted additional information of a geologic nature that helped their case. There was no offset opposition and I also talked to the BLM and they did not have a position. So I recommend we grant Merrion's application administratively.





NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

October 21, 1998

Merrion Oil & Gas Corporation  
610 Reilly Avenue  
Farmington, New Mexico 87401

Attention: George F. Sharpe

**RE:** *Administrative application for an unorthodox "off-pattern" coal gas well location within the Basin-Fruitland Coal (Gas) Pool for the proposed Shank Com. Well No. 1 (API No. 30-045-29516), to be drilled 1840 feet from the North and East lines (Unit F) of Section 2, Township 26 North, Range 13 West, NMPM, San Juan County, New Mexico.*

Dear Mr. Sharpe:

The subject application was duly filed with the New Mexico Oil Conservation Division ("Division") in Santa Fe on September 21, 1998. Subsequent to my initial review of this application and the records of the Division in Santa Fe and on the recommendation of the Aztec District Office of the Division (see copy attached), this application is hereby denied and is being returned to you at this time.

Should you have any questions concerning this decision, please contact Mr. Ernie Busch, Geologist, at the Division's Aztec District Office in Santa Fe. His telephone number is (505) 334-6178, or you may call me in Santa Fe at (505) 827-8185.

Sincerely,

Michael E. Stogner  
Chief Hearing Officer/Engineer

MES/kv

cc: New Mexico Oil Conservation Division - Aztec  
Lori Wrotenbery - OCD Director, Santa Fe  
Kathy Valdes - NMOCD, Santa Fe

## **Stogner, Michael**

---

**From:** Busch, Ernie  
**Sent:** Tuesday, September 29, 1998 7:49 AM  
**To:** Mike Stogner  
**Subject:** Merrion O&G Corp. (NSL)  
**Importance:** High

Mike,

In reference to the Shank Corn #1 well of Merrion's, I don't believe their application is justified for geologic exception. There is no substantial difference in the pay (exhibit #3), and a Southwest ¼ location is desirable because of the well distribution in the surrounding sections. I recommend not approving this application administratively and suggesting a standard location in the SW/4.

**MERRION**

OIL &amp; GAS

September 17, 1998

Mr. Michael E. Stogner  
New Mexico Oil Conservation Division  
2040 S. Pacheco St.  
Santa Fe, New Mexico 87501

**Re: Application of Merrion Oil & Gas Corporation  
Non-Standard Location  
Shank Com #1  
Basin Fruitland Coal Pool  
NW/4 Section 2, T26N, R13W  
San Juan County, New Mexico**

Dear Mr. Stogner:

Merrion Oil & Gas Corp. (Merrion) requests administrative approval for a non-standard location for the subject well. Merrion has permitted to drill the Shank Com #1 in the NW/4 of Section 2, T26N, R13W. The well will be completed in the Basin Fruitland Coal on a W/2 320 acre spacing unit (see Exhibit 1 and 2). Although the well is at standard offsets from the spacing unit boundary, it is non-standard because of its location in the northwest quarter versus the southwest quarter of the section.

Merrion is proposing to drill the well on the northern part of the spacing unit for geologic reasons. Exhibit 3 is a log cross-section showing that the coal thickness increases to the north and east across the project area. The total coal thickness of approximately 26 feet in the SW/4 of Section 10 increases to 39 feet in the NW/4 of Section 2, T26N, R13W, where Merrion proposes to drill the well.

Even more telling is the dramatic improvement in production to the northeast across the project area. Exhibit 4 shows that by drilling the Shank Com #1 in the NW/4 of Section 2, it is more on trend with the highly productive wells to the east versus the marginal wells to the southwest. Therefore, Merrion feels the economic viability of the well will be dramatically improved by drilling the well in the non-standard NW/4.

Page Two  
September 17, 1998

Exhibit 2 is a plat showing the offset operators in the area. Exhibit 5 is a list of the operators who received certified copies of this application.

Please notify me at (505) 327-9801, ext. 114 if more information is required.

Sincerely,

A handwritten signature in cursive script, appearing to read "George Sharpe".

George F. Sharpe  
Manager - Oil & Gas Investments

xc: Well File

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

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

' API Number 30-045-29516		' Pool Code 71629	' Pool Name Basin Fruitland Coal	
' Property Code 22342	' Property Name Shank Com			' Well Number 1
' OGRID No. 014634	' Operator Name MERRION OIL & GAS			' Elevation 6045'

### <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	2	26 N	13 W	SENW	1840	North	1840	West	SanJuan

## 11 Bottom Hole Location If Different From Surface

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

12 Dedicated Acres 320 319.96	13 Joint or Infill	14 Consolidation Code	15 Order No. In progress
----------------------------------	--------------------	-----------------------	-----------------------------

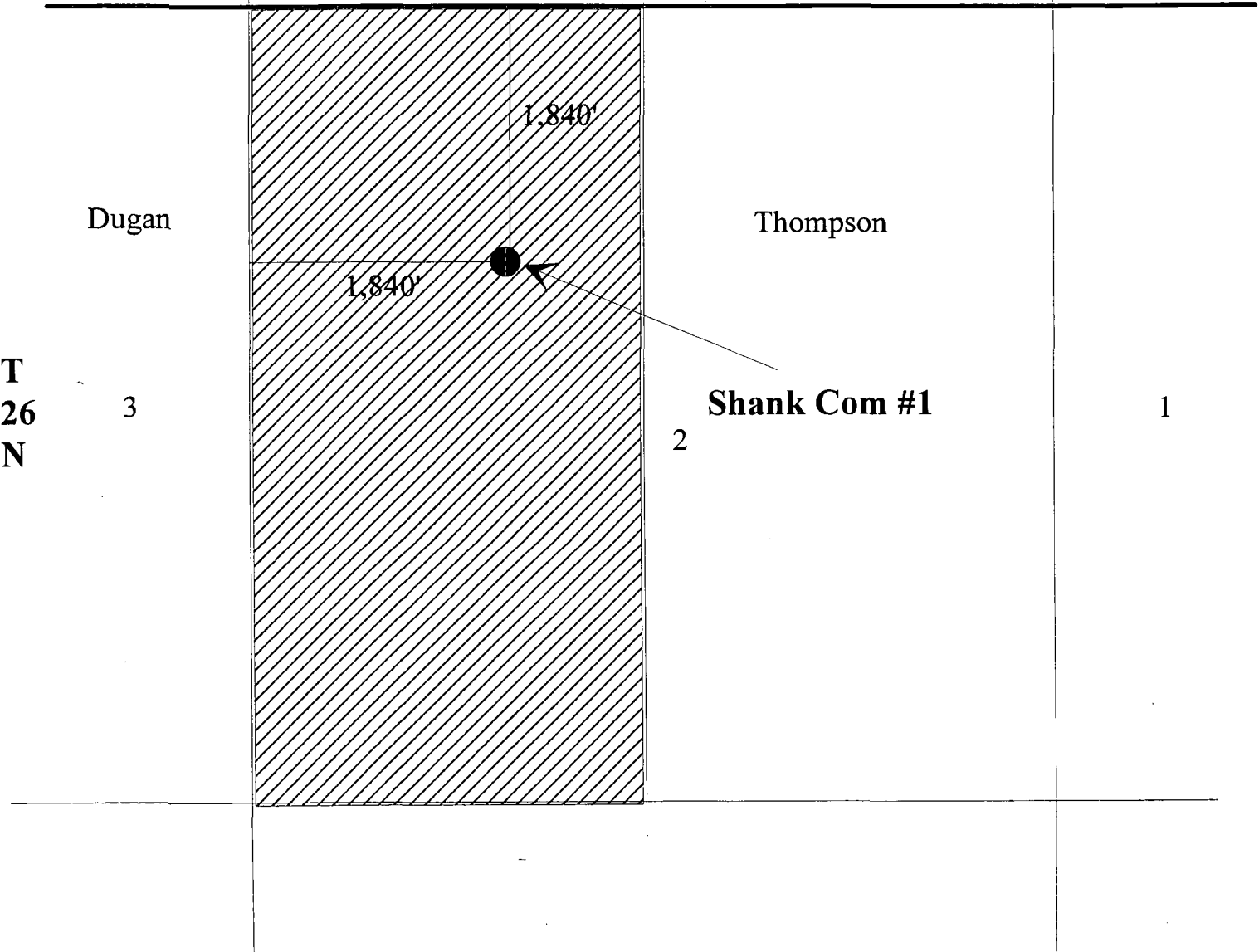
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>④ 39.95</p> <p>③ 40.01</p> <p>1840'</p>	<p>② 40.07</p> <p>① 40.13</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Steven S. Dunn</i></p> <p>Signature</p> <p>Steven S. Dunn</p> <p>Printed Name</p> <p>Drig &amp; Prod Manager</p> <p>Title</p> <p>1/26/98</p> <p>Date</p>
<p>1840'</p>	<p>RECEIVED</p> <p>JAN 27 1998</p> <p>OIL CON. DIV.</p> <p>DIST. 3</p>	
	<p>EXHIBIT 1</p>	<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>12-29-98</p> <p>Date of Survey</p> <p><i>Robert H. Appleton</i></p> <p>Signature and Seal of Professional Surveyor</p> <p>6844</p> <p>REGISTERED LAND SURVEYOR</p> <p>6844</p> <p>Certificate Number</p>

**EXHIBIT 2**  
**SHANK COM #1**  
**Non-Standard Location**  
**Offset Operator Plat**

**R13W**

<b>T</b>	34		35		36
<b>27</b>					
<b>N</b>	Webb		Merrion		



# EXHIBIT 3

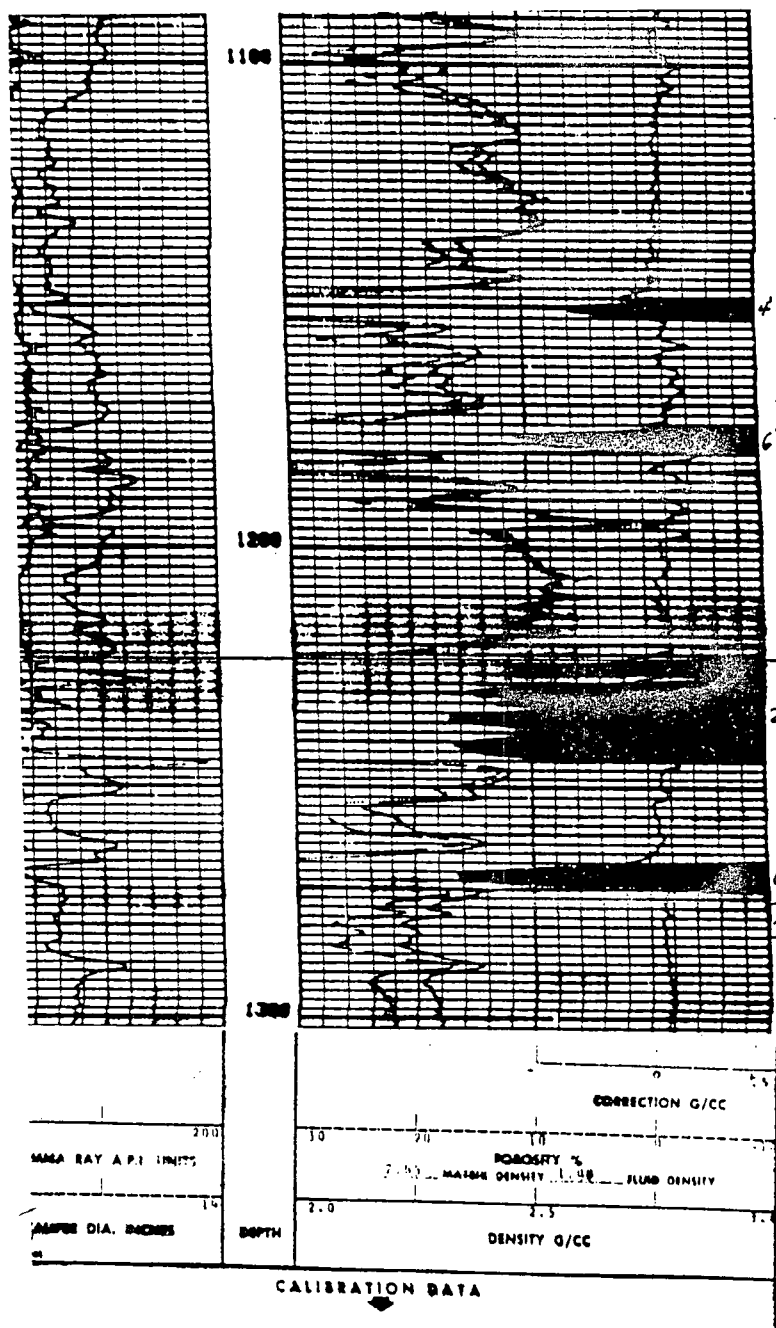
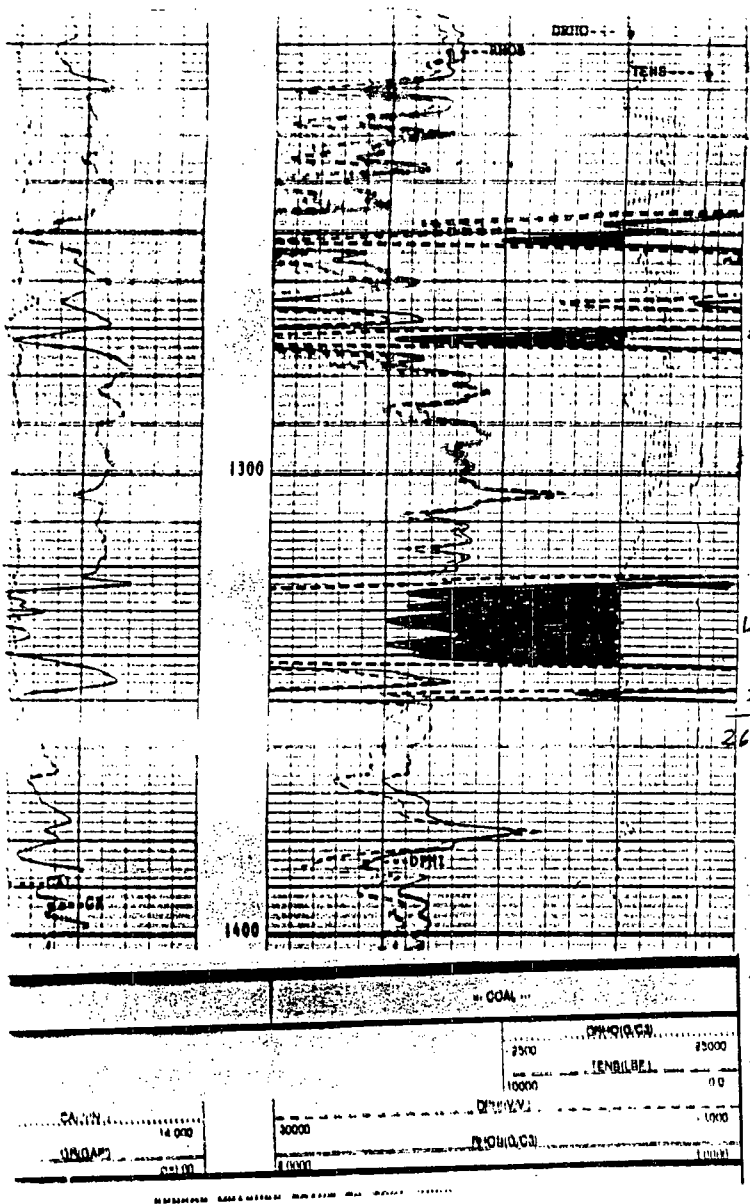
## Density Log Cross Section

Shank Com Location

SW  
Gallegos Fed 26-B-10 #2  
Density Log  
10N - 26N - 13W

Bartlesville #1  
Density Log  
2C - 26N - 13W

NE



21

22

23

24

19

20

21

# EXHIBIT 4

## FRUITLAND COAL PRODUCTION

2J  
0 987

28

27

26

25

30

29

28

MCFD  
Cum MCF

33

34

35

36

31

32

33

Bubble on Rate

4

3

2

1

6

5

4

2  
42  
15414

Shank  
0

Thompson  
0  
350 MCFD

2  
47  
25

400  
314177  
2

73  
22

11  
26  
137  
54779

9

10

11

12

7

8

9

1  
4589

2  
25  
6557

20  
24  
2340

54  
11  
81  
23290

121  
37  
982  
162  
27644

482626  
0  
40

594  
616924

10  
0

318  
219514

16

15

14

13

18

17

16

26N 13W

1  
152  
109584

90  
1  
148  
25468

2J  
0  
15157

10  
0  
88  
22394

3  
55  
46369

21

22

23

24

19

20

21

26N 13W

2  
133  
143682

123  
38764

385  
426199

242  
33869

231  
69621

28

27

26

25

30

29

28

39  
41  
72  
53554

215  
210633

240  
306519

291  
123746

211  
271825

2  
7  
626

33

34

35

36

31

32

33

91  
4  
15  
17953

73  
63496

5  
51  
26520

49  
54892

125  
294486

148  
629947

1  
6  
14028

91  
47  
106677

164  
249172

212  
443135

180  
381584

237  
556441

70  
2787



**Exhibit 5**

Offset Operator Notification  
Shank Com #1  
Non-Standard Location

To: Offset Operators

If you have questions, please call George Sharpe at 327-9801. If you have any objections to this application, please notify the NMOCD in writing within 20 days of receipt of this application.

Mr. Paul Thompson  
Thompson Engineering  
7415 E. Main  
Farmington, New Mexico 87402

Mr. John Alexander  
Dugan Production  
P.O. Box 420  
Farmington, New Mexico 87499

Mr. Max Webb  
2705 ½ E. Main  
Farmington, New Mexico 87402

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

10/21/98 04:04:15  
OGOIV -EMDT  
PAGE NO: 1

Sec : 02 Twp : 26N Rng : 13W Section Type : NORMAL

4 39.95 CS E09707 0000 01/66 PHILLIPS PETROLEU	3 40.01 CS E09707 0000 01/66 PHILLIPS PETROLEU  A	2 40.07 CS LG3735 0003 09/86 COLEMAN OIL & GAS	1 40.13 CS LG3735 0003 09/86 COLEMAN OIL & GAS  A
E 40.00 CS E09707 0000 01/66 PHILLIPS PETROLEU	F 40.00 CS E09707 0000 01/66 PHILLIPS PETROLEU  A	G 40.00 CS LG3735 0003 09/86 COLEMAN OIL & GAS	H 40.00 CS LG3735 0003 09/86 COLEMAN OIL & GAS

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

10/21/98 04:04:26  
OGOIV -EMDT  
PAGE NO: 2

Sec : 02 Twp : 26N Rng : 13W Section Type : NORMAL

L 40.00 CS E09707 0000 01/66 PHILLIPS PETROLEU	K 40.00 CS E09707 0000 01/66 PHILLIPS PETROLEU	J 40.00 CS LG3735 0003 09/86 COLEMAN OIL & GAS	I 40.00 CS LG3735 0003 09/86 COLEMAN OIL & GAS
M 40.00 CS E03555 0001 05/60 JOHN W BARRINGER	N 40.00 CS E09707 0000 01/66 PHILLIPS PETROLEU	O 40.00 CS LG3735 0003 09/86 COLEMAN OIL & GAS	P 40.00 CS LG3735 0003 09/86 COLEMAN OIL & GAS  A

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

CMD :  
OG6C101

ONGARD  
C101-APPLICATION FOR PERMIT TO DRILL

10/21/98 04:05:00  
OGOIV -EMDT

OGRID Idn : 14634 API Well No: 30 45 29516 APD Status(A/C/P): A  
Opr Name, Addr: MERRION OIL & GAS CORP Aprvl/Cncl Date : 01-28-1998  
610 REILLY AVE  
FARMINGTON, NM 87401-2634

Prop Idn: 22342 SHANK COM

Well No: 1

	U/L	Sec	Township	Range	Lot	Idn	North/South	East/West
Surface Locn	:	F	2	26N	13W		FTG 1840 F N	FTG 1840 F W
OCD U/L	:	F	API	County	:	45		

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) : R  
Lease typ(F/S/P/N/J/U/I): S Ground Level Elevation : 6045

State Lease No: Multiple Comp (Y/N) : N  
Prpsd Depth : 1383 Prpsd Frmtn : BASIN FT COAL

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-10  
Revised October 18, 1999  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copy  
Fee Lease - 5 Copy

RECEIVED  
JAN 27 1998  
OIL CON. DIV. ☐  
DIST. 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address. <b>Merrion Oil &amp; Gas Corporation</b> 610 Reilly Avenue Farmington, New Mexico 87401		<sup>2</sup> OGRID Number 014634
		<sup>3</sup> API Number 30 - 045 - 29516
<sup>4</sup> Property Code 22342	<sup>5</sup> Property Name <b>Shank Com</b>	<sup>6</sup> Well No. <b>1</b>

<sup>7</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	2	26N	13W		1840	North	1840	West	San Juan

<sup>8</sup> Proposed 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>9</sup> Proposed Pool 1 71629 Basin Fruitland Coal W/319.96	<sup>10</sup> Proposed Pool 2
---	-------------------------------

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 6045'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 1383' KB	<sup>18</sup> Formation Fruitland Coal	<sup>19</sup> Contractor L&B Speed Drill	<sup>20</sup> Spud Date As Soon As Permitted

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
8-3/4"	7" J55	23 ppf	~120' KB	~30 sx (36 cuft)	Surface
6-1/4"	4-1/2" J55	10.5 ppf	~1383'KB	~113 sx (166 cuft)	Surface

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Merrion Oil & Gas proposes to drill 8<sup>3</sup>/<sub>4</sub>" hole with native mud to approx. 120' KB and set 7" 23# J55 surface casing, cement to surface with ~30 sx 'B' w/ 2% CaCl<sub>2</sub> (36 ft<sup>3</sup>). Will drill 6<sup>1</sup>/<sub>4</sub>" hole to TD @ approx. 1383' KB with low solids non-dispersed gel mud system. Run open hole surveys. If appears productive, will set 4<sup>1</sup>/<sub>2</sub>" 10.5 ppf J55 production casing from TD to surface. Will cement with 25 sx 'B' (30 ft<sup>3</sup>) lead slurry followed by 38 sx 'B' w/ 2% SMS (77 ft<sup>3</sup>) and tail in with 50 sx 'B' (59 ft<sup>3</sup>) cement to fill from total depth to surface. Top of cement should circulate to surface ( will adjust volumes based upon caliper log). If cement does not reach surface, a temperature log or cement bond log will be run to determine top of cement.

Will test Fruitland Coal through perforated casing. Will fracture stimulate and put on for production test.

Drilling operations below surface casing will be conducted with a bag type BOP in place, minimum working pressure 1000 psig.

Surface is owned by Navajo Tribe for NIIP operation. Will negotiate with NAPI for approval to use surface.

Formation tops: Ojo Alamo - Surface, Kirtland - 76', Fruitland - 800', Fruitland Coal - 1211', Pictured Cliffs 1233'.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Steven S. Dunn

Title:

Drilling & Production Manager

Date:

January 26, 1998

Phone: 505-327-9801

OIL CONSERVATION DIVISION

Approved by:

Title:

DEPUTY OIL & GAS INSPECTOR, DIST. 3

Approval Date:

JAN 28 1998

Expiration Date:

JAN 28 1999

Conditions of Approval:  
Attached ☐

HOLD C-104 FOR NSL

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> APT Number 30-045-29516	<sup>2</sup> Pool Code 71629	<sup>3</sup> Pool Name Basin Fruitland Coal
<sup>4</sup> Property Code 22.342	<sup>5</sup> Property Name Shank Com	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 014634	<sup>8</sup> Operator Name MERRION OIL & GAS	<sup>9</sup> Elevation 6045'

<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	2	26 N	13 W	SEnw	1840	North	1840	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 320.5195	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. In progress
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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

	<p>RECEIVED JAN 2 1998 OIL CONSERVATION DIV. DIST. 3</p>	<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 Steven S. Dunn Printed Name Drlg & Prod Manager Title 1/26/98 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 Signature and Seal of Professional Surveyor 6844 REGISTERED LAND SURVEYOR 6844 Certificate Number	

