

CAMPBELL, CARR, BERGE  
& SHERIDAN, P.A.  
LAWYERS

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MICHAEL H. FELDEWERT  
DAVID B. LAWRENZ

JACK M. CAMPBELL  
OF COUNSEL

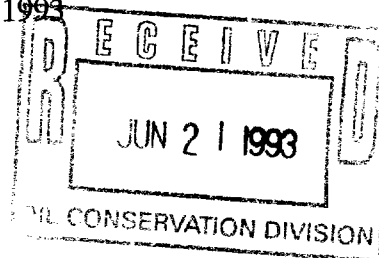
JEFFERSON PLACE  
SUITE 1 - 110 NORTH GUADALUPE  
POST OFFICE BOX 2208  
SANTA FE, NEW MEXICO 87504-2208  
TELEPHONE: (505) 988-4421  
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June 21, 1993

10765

HAND-DELIVERED

William J. LeMay, Director  
Oil Conservation Division  
New Mexico Department of Energy,  
Minerals and Natural Resources  
State Land Office Building  
Santa Fe, New Mexico 87503



Re: Application of Blackwood & Nichols Co. a Limited Partnership for Directional  
Drilling and an Unorthodox Well Location, Rio Arriba County, New Mexico

Dear Mr. LeMay:

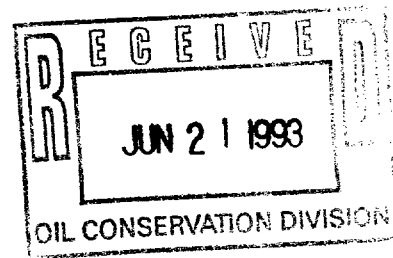
Enclosed in triplicate is the Application of Blackwood & Nichols Co. a Limited Partnership  
in the above-referenced case as well as a draft of a legal advertisement for this matter.  
Blackwood & Nichols respectfully requests that this case be placed on the docket for the  
July 15, 1993 Examiner hearings.

Very truly yours,

WILLIAM F. CARR  
WFC:mlh  
Enclosures  
cc: Mr. Al Rector (w/enclosures)

CASE 10765

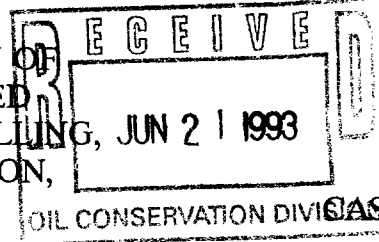
Application of Blackwood & Nichols Co. a Limited Partnership, for directional drilling and an unorthodox bottomhole Fruitland-Coal Gas Well location, Rio Arriba County, New Mexico. Applicant seeks authority to directionally drill its proposed Northeast Blanco Unit Well No. 479-R from a surface location 1170 feet from the North line and 2280 feet from the West line (Unit C) of Section 20, Township 30 North, Range 7 West, in such a manner as to bottom the well in the Basin-Fruitland Coal Gas Pool, at an unorthodox subsurface Coal Gas Well location within 50 feet of a point 100 feet from the North line and 590 feet from the West line (Unit D) of said Section 20. The W/2 of said Section 20 is to be dedicated to said well forming a standard 320-acre gas spacing and proration unit for said pool. Said unit is located approximately 45 miles east of Farmington, New Mexico.



BEFORE THE  
OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES

IN THE MATTER OF THE APPLICATION OF  
BLACKWOOD & NICHOLS CO. A LIMITED  
PARTNERSHIP FOR DIRECTIONAL DRILLING,  
AND AN UNORTHODOX WELL LOCATION,  
RIO ARRIBA COUNTY, NEW MEXICO.



CASE NO. 10765

APPLICATION

COMES NOW BLACKWOOD & NICHOLS CO. A LIMITED PARTNERSHIP, through its undersigned attorneys, and hereby makes application pursuant to Oil Conservation Division Rule 111 to directionally drill its Northeast Blanco Unit Well No. 479-R Basin-Fruitland Coal Gas Pool, and for an unorthodox gas well location, and in support of this application states:

1. Applicant is the operator of the Basin-Fruitland Coal Gas Pool, underlying the following described lands:

Township 30 North, Range 7 West, N.M.P.M.

Section 20: W/2

containing 320-acres, more or less.

2. Applicant proposes to directionally drill its Northeast Blanco Unit Well No. 479-R from a surface location of 1170 feet from the North line and 2280 feet from the West line of Section 20, Township 30 North, Range 7 West, N.M.P.M., to a bottomhole location within 50 feet of a point 100 feet from the North line and 590 feet from the West line of said Section 20 with the intent of testing the Fruitland formation, Basin-Fruitland Coal Gas

Pool.

3. The W/2 of Section 20 will be dedicated to this well.
4. The subject well is located in close proximity to Navajo Lake and must be directionally drilled to the above-referenced unorthodox location to enable the applicant to produce the reserves which underlie the above-described proration unit.
5. Approval of this application will enable the applicant to produce hydrocarbons that otherwise would not be produced and will otherwise be in the best interest of conservation, the prevention of waste and the protection of correlative rights.

WHEREFORE, Applicant requests that this matter be set for hearing before a duly appointed Examiner of the Oil Conservation Division on July 15, 1993, that notice be given as required by law and the rules of the Division, and that the Division enter its Order granting the Applicant permission to directionally drill its Northeast Blanco Unit Well No. 479-R and approving the unorthodox location for this well.

Respectfully submitted,

CAMPBELL, CARR, BERGE  
& SHERIDAN, P.A.

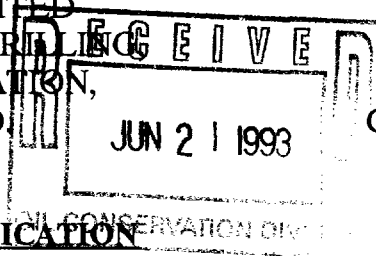
By: 

WILLIAM F. CARR  
Post Office Box 2208  
Santa Fe, New Mexico 87504  
Telephone: (505) 988-4421

ATTORNEYS FOR BLACKWOOD  
& NICHOLS CO. A LIMITED  
PARTNERSHIP

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

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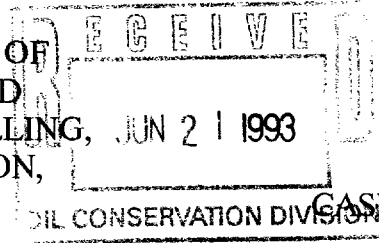
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PARTNERSHIP

BEFORE THE

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NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES

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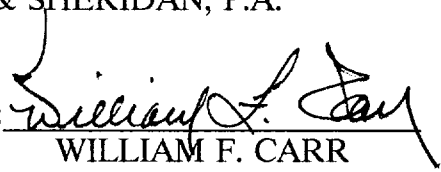
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& SHERIDAN, P.A.

By:

  
WILLIAM F. CARR  
Post Office Box 2208  
Santa Fe, New Mexico 87504  
Telephone: (505) 988-4421

ATTORNEYS FOR BLACKWOOD  
& NICHOLS CO. A LIMITED  
PARTNERSHIP



H. L. BROWN, JR.  
POST OFFICE BOX 2237  
MIDLAND, TEXAS 79702-2237

November 24, 1993

OIL CONSERVATION DIVISION  
RECEIVED

'93 NOV 29 AM 9 35

*Case File 10765*  
*DK*

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
P. O. Box 1980  
Hobbs, NM 88240

Attention: Mr. Jerry Sexton

RE: Order No. R-9935  
Federal "27" #2  
North Bluitt (Siluro-Devonian) Field  
Roosevelt County, New Mexico

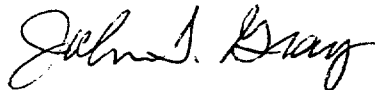
Dear Jerry:

Pursuant to Order No. R-9935, enclosed is the Deviation Survey for H. L. Brown, Jr.'s Federal "27" #2. This well deviated significantly off of the assigned proration unit while being drilled through the ABO formation. A directional survey was taken at that time to determine that exact bottom hole location. A plan was developed whereby a downhole drilling assembly was used to get the bottom hole location back on to the correct proration unit. The well was TD'd at 9035'. The directional survey shows the bottom hole location to be 52.93' from the surface location at a direction of South 69° 5' East which is well within the limits of the proration unit.

The well is currently being tested for commercial production. The existing production facilities at the Federal "27" #1 will be upgraded to handle the additional production should this well prove to be commercial.

Yours very truly,

H. L. BROWN, JR.



John T. Gray  
Operations Engineer

JTG/ew  
Enclosures

✓ cc: Mr. David R. Catanach  
Santa Fe, New Mexico

H. L. BROWN, JR.  
POST OFFICE BOX 2237  
MIDLAND, TEXAS 79702-2237  
November 24, 1993

OIL CONSERVATION DIVISION  
RECEIVED  
NOV 24 1993

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, NM 87504-2088

Attention: Mr. David R. Catanach

RE: Order No. R-9935  
Federal "27" #2  
North Bluitt (Siluro-Devonian) Field  
Roosevelt County, New Mexico

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H. L. BROWN, JR.



John T. Gray  
Operations Engineer

JTG/ew  
Enclosures

cc: Mr. Jerry Sexton  
Hobbs, New Mexico



DRIFT  
SURVEY

Company H.L. BROWN  
 Well FEDERAL -27- NO. 2  
 Field NORTH BLUITT  
 County ROOSEVELT  
 State / Province NEW MEXICO Country USA  
 API Well Number NA Filing Number W930027

Location: 200 FUL AND 2590 FSL OF NW/4  
 SEC: 27 TWP: 7S RGE: 37-E  
 Latitude: 0 deg. 0 min. 0 sec. N  
 Longitude: 0 deg. 0 min. 0 sec. W  
 Elevation Datum S.L. Elev. 4054.70  
 Measured from K.B., 11.00 Above P.D.  
 Drilling Measured from KELLY BUSHING

Other Services  
 SDL-DSN  
 DLL-MSFL  
 SED  
 KB: 4065.70 F  
 DF: 4064.70 F  
 GL: 4054.70 F  
 CBF: .00 F

Date	10-28-93			
Run Number	1	2	3	4
Job Ticket Number	552794			
First Recorded Depth	9018.00 F			
Last Recorded Depth	7200.00 F			
Bottom Depth Logger	9022.00 F			
Bottom Depth Driller	9035.00 F			
Casing size	8.625			
Casing shoe Driller	.000 F			
Bit size	7.875			
Fluid type in well	SALT MUD			
Source of sample	FLOWLINE			
Fluid Density	10.00			
Fluid Viscosity	42.00			
Mud pH	8.00			
Fluid loss	12.80			
Rm @ Meas. Temp.	.092 @ 97	@	@	@
Rmf @ Meas. Temp.	.124 @ 97	@	@	@
Rmf @ Meas. Temp.	.078 @ 97	@	@	@
Rm @ BHT	.056 @ 163	@	@	@
Source Rmf	CALCULATED			
Source Rmf	CALCULATED			
Max Recorded Temp.	163			
Time End Circulation	11:00 HR	HR	HR	HR
Time logger at TD	4:00 HR	HR	HR	HR
Equipment number	51648	51648	51648	51648
Equipment location	SAN ANGELO, TX			
Recorded by	M. BECKER			
Witnessed by	MR HUGHES			

REMARKS: 87 CORRELATION INTERVAL X 27 CORRELATION STEP X 30 DEGREES  
 9.5 MAGNETIC DEVIATION



DRIFT  
SURVEY

Company H.L. BROWN  
 Well FEDERAL -27- NO. 2  
 Field NORTH BLUITT  
 County ROOSEVELT  
 State / Province NEW MEXICO Country USA  
 API Well Number NA Filing Number W930027

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 Permanent Datum G.L. Elev. 4054.70  
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Recorded by	M. BECKER				
Witnessed by	MR HUGHES				

REMARKS: 6' CORRELATION INTERVAL X 2' CORRELATION STEP X 30 DEGREES  
 9.5 MAGNETIC DEVIATION