CASE 7187: BLACKWOOD & NICHOLS CO., LTD. FOR FOUR NON-STANDARD PROBATION UNITS, SAN JUAN COUNTY, NEW MEXICO

Ad.

Case No. $\mathcal{O}(\mathcal{S}\mathcal{O})$ Application Transcripts Small Exhibits ETC



STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

April 9, 1981

POST OFFICE BOX 2099 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

Mr. William F. Carr Campbell, Byrd & Black Attorneys at Law Fost Office Box 2208 Santa Fe, New Mexico Re: CASE NO. 7187 ORDER NO. R-6635

Applicant:

Blackwood & Nichols Co., Ltd.

Dear Sir:

Enclosed herewith are two copies of the above-referenced Division order recently entered in the subject case.

Pours very truly, JOE D. RAMEY Director

JDR/fd

Copy of order also sent to:

Hobbs OCD	Y
Artesia OCD	X
Aztec OCD	 X

Other

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING1

CASE ND. 7187 Order No. R-6635

APPLICATION OF BLACKWOOD & NICHOLS CO., LTD. FOR FOUR NON-STANDARD PRORATION UNITS, SAN JUAN COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on March 11, 1981, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 7th day of April, 1981, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Blackwood & Nichols Co., Ltd., seeks approval of the following four Fruitland and Pictured Cliffs non-standard gas proration units:

a 185.68-acra unit comprising the SW/4 of Section 1, Township 31 North, Range 7 Wast; a 181.4-acra unit comprising the SE/4 of said Section 1; a 176.68-acra unit comprising the SW/4 of Section 6, Township 31 North, Range 6 West; and a 175.21-acra unit comprising the SE/4 of said Section 6, all of said units to be dedicated to wells to be drilled at standard locations thereon.

(3) That the entire non-standard proration units may reasonably be presumed productive of gas from the Fruitland and Pictured Cliffs formations and that each non-standard gas

-2-Case No. 7187 Order No. 8-6635

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proration unit can be efficiently and economically drained and developed by the aforesaid wells.

(4) That approval of the subject application will afford the applicant the opportunity to produce his just and equitable share of the gas in the Fruitland and Pictured Cliffe formations under each of the proposed non-standard proration units, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent wests and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That four Fruitland and Pictured Cliffs non-standard gas promation units in San Juan County, New Mexico, are hereby satablished and dedicated for the applicant, Blackwood & Nichola Co., Ltg., as follows:

a 185.68-acre unit comprising the SW/4 of Section 1, Township 31 North, Range 7 West; a 181.4-acre unit comprising the SE/4 of said Section 1; a 176.68-acre unit comprising the SW/4 of Section 6, Township 31 North, Range 6 West; and a 175.21-acre unit comprising the SE/4 of said Section 6, all of said units to be dedicated to wells to be drilled at standard locations thereon.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem nucessary.

DONE at Santa Fe, New Mexico, on the day and year herein-

STATE OF NEW MEXICO OIL CONSERVATION DIVISION (mu) JOE D. RAMEY Director

1 2 3	STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION STATE LAND OFFICE BLDG. SANTA FE, NEW MEXICO	na da la companya da Na companya da la comp
4	11 March 1981	
5	EXAMINER HEARING	
6)	
7	IN THE MATTER OF:)	
8	Application of Blackwood & Nichols) Co., Inc., for four non-standard) CASE	
9	proration units, San Juan County,) 7187 New Mexico.)	
10)	
11	BEFORE: Richard L. Stamets	
12		
	TRANSCRIPT OF HEARING	
13		
14	APPEARANCES	data da anti-
15	•	ana k dana
16 17	For the Oil Conservation Ernest L. Padilla, Esq.	and the second
	Division: Legal Counsel to the Division State Land Office Bldg.	
18	Santa Fe, New Mexico 87501	يت المراجع والم
19		AN EVEN
20	For the Applicant: William F. Carr, Esq. CAMPBELL, BYRD, & BLACK	and the second
21	Jefferson Place Santa Fe, New Mexico 87501	A NOT
22		Meiler Sugar
23		A LEAST COMPANY
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2	MR. STAMETS: Call next Case 7187.
3	MR. PADILLA: Application of Blackwood
4	and Nichols Company, Ltd., for four non-standard proration
5	units, San Juan County, New Mexico.
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7	DeLASSO LOOS
8	being called as a witness and being duly sworn upon his oath,
9	testified as follows, to-wit:
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11	DIRECT EXAMINATION
12	BY MR. CARR:
13	Q. Mr. Loos, will you state your name and
14	place of residence?
15	A. DeLasso Loos, Durango, Colorado.
16	0. Mr. Loos, by whom are you employed and
17	in what capacity?
18	A. Blackwood and Nichols Company, Limited,
19	District Manager.
20	Q Have you previously testified before
21	this Commission and had your credentials as a petroleum en-
22	gineer accepted and made a matter of record?
23	A. Yes.
24	Q. Are you familiar with the application
25	filed in this case by Blackwood and Nichols Company?

1 2 Yes. A. 3 Q. Are you familiar with the subject acreage 4 and the wells involved? 5 A. Yes, 6 MR. CARR: Are the witness' qualifications 7 acceptable? 8 MR. STAMETS: They are. 9 MR. PADILLA: I'll swear him in before 10 you continue. 11 12 (Witness sworn.) 13 14 Mr. Loos, will you briefly state what Q. 15 Blackwood and Nichols Company seeks with this application? 16 A. On January the 2nd we filed an applica-17 tion to drill a Fruitland-Pictured Cliffs well in Section 6, 18 31 North, 7 West, San Juan County, New Mexico, and then we 19 were subsequently informed by Mr. Frank Chavez of District 20 III that we would have to come before the Commission to re-21 ceive an unorthodox or a non-standard proration unit. 22 Q Now, Mr. Loos, in this case today are 23 you requesting approval of that non-standard proration unit 24 plus three additional non-standard proration units? 25 A. Correct.

2 Would you refer to what has been marked 0. 3 for identification as Blackwood and Nichols Company Exhibit Number One and first tell Mr. Stamets what it is and then by 4 5 using that exhibit explain to him the situation with the 6 Northeast Blanco Unit Well No. 209? 7 The Well No. 209 is located 1800 feet A. 8 from the south line, 840 feet from the west line in the west Ŷ half of Section 6. The north part or the south part of the 10 north half of that section where Township 31 North joins 32 11 North is a short section. So there's a short tract in there 12 consisting of 16.68 acres that we would like to apply to the 13 160 acre southwest quarter of Section 6. 14 What is the status of the Northeast Q. 15 Blanco Unit Well No. 209? 16 It's surveyed and the application has A. 17 been filed to drill. 18 And is this well proposed to be drilled Q. 19 at a standard location? 20 Correct. A. 21 Will you proceed now to the next page Q. 22 of that exhibit and just tell Mr. Stamets what it is? 23 The next -- the map is an actual survey A. 24 map of this portion of the Township 31 North, 6 West, Section 25 6, which indicates the acreage allocated for each half of

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6 1 2 that proration unit. Now, Mr. Loos, before we go on from 3 Q. this particular section, does Blackwood and Nichols Company 5 also request the approval of a non-standard proration unit in the southeast quarter of that section? 6 7 A. Correct, yes. How many acres would that be? Q. 9 A. Consisting of 175.21 acres in the east 10 half of this proration unit. 11 Does Blackwood and Nichols have plans Q. 12 to, in the not too distant future, drill a Pictured Cliffs -13 Fruitland well in the southeast quarter of that section? 14 Å. Correct. 15 Is there anything else in Exhibit One Q. 16 you'd like to call to Mr. Stamets' attention? 17 I believe that's -- I believe that's 18 it. 19 Q. Will you now refer to what has been 20 marked for identification as Blackwood and Nichols Company 21 Exhibit Number Two and review this for the Examiner? 22 Exhibit Number Two is a well, Northeast A 23 Blanco Unit Well No. 63, which is a Mesaverde well. It was 24 drilled and first delivered March the 15th, 1977, and since 25 that time we have been producing that well with an allowable

1	7	
2	allotted to us on the basis of 367.08 acres by authority	
3	under Rule 5-B, Order Number R-1670, and since that time	•
4	this well has been on production under that rule number.	
5	0 And weire talking now about the North⊷	
6	east Blanco Unit Well No. 63.	
7	A. Correct, yes, sir.	
Ŗ	Q. Is that well at an orthodox location?	
9	A. Yes.	
10	Q. And it is producing from a non-standard	
11	proration unit which consists of the in the Mesaverde of	
12	the acreage which you are now seeking creation of non-standard	ł
13	proration units in the Fruitland and Pictured Cliffs?	
14	A. Correct.	
15	Q. Would you now refer to what has been	
16	marked Blackwood and Nichols Company Exhibit Number Three	
17	and explain to Mr. Stamets what this shows?	
18	A. Exhibit Number Three is the Northeast	
19	Blanco Unit Well No. 204, a Fruitland-Pictured Cliffs well,	
20	which was drilled and in 8-21-79. Well. I don't have	
21	when it was first delivered, but it was non-standard gas	
22	proration unit consisting of 185.68 acres, which authority	
23	was granted us by Rule 5-B, Order No. R-1670, and since	
24	that date this well has been producing under that order	
25	number, allowable assigned by that number, order number.	

1		8
2	Q	Now, Mr. Loos, are you also requesting
3	the establishment of	a non-standard proration unit in the
4	southeast quarter of	that section?
5	A.	Correct.
6	Q.	Are all wells that either have been
7	drilled or will be d	rilled on these non-standard proration
8	units drilled or prop	posed to be drilled at standard locations
9	A	Yes. Incidentally, the east half of
10	that section is 181.	40 acres.
11	Q.	So that would be the non-standard pro-
12	ration unit for the s	southeast quarter
13	Α.	Yes.
14	Q.	of Section 1.
15	А.	l, for a Fruitland-Pictured Cliffs well.
16	Q.	Are all requested non-standard proration
17	units the result of	variations in the USGS survey?
18	А.	Yes.
19	Q.	What is the standard spacing in the
20	Fruitland and in the	Pictured Cliffs pools?
21	A.	160 acres.
22	Q.	Do you have plans in the forseeable
23	future to drill a we	11 on the non-standard proration unit
24	to be comprised of t	he southeast quarter of Section 1?
25	A.	Yes.

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9 1 2 In your opinion will granting this ap-Q. 3 plication be in the best interest of conservation, the pre-4 vention of waste, and the protection of correlative rights? 5 A. Yes, sir. 6 Were Exhibits One through Three compiled Q. 7 by you? 8 A. Yes. 9 MR. CARR: At this time we would offer 10 into evidence Applicant's Exhibits One through Three. 11 MR. STAMETS: These exhibits will be 12 admitted. 13 MR. CARR: I have nothing further on 14 direct. 15 MR. STAMETS: Any questions of this 16 witness? He may be excused. 17 Anything further in this case? 18 The case will be taken under advisement. 19 20 (Hearing concluded.) 21 22 23 24 25

Page

CERTIFICATE

SALLY W. BOYD, C.S.

I, SALLY W. BOYD, C.S.R., DO HEREPY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Sally W. Bogh C.S.E.

I do hereby control that the foregoing is a corr kamins the i Oll Conservation Division hë

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EXAMI	NER HEARING
IN THE MATTER OF: Application of Bla Co., Inc., for fou proration units, S New Mexico.	ir non-standard) CASE
BEFORE: Richard L. Stamets)
TRANSCRI	PT OF HEARING
APPE.	ARANCES
For the Oil Conservation Division:	Ernest L. Padilla, Esq. Legal Counsel to the Division State Land Office Bldg. Santa Fe, New Mexico 87501
For the Applicant:	William F. Carr, Esq. CAMPBELL BYRD, & BLACK Jefferson Place Santa Fe, New Mexico 87501

TNDDX DeIASSO LOOS Direct Examination by Mr. Carr EXHIBITS Applicant Exhibit One, Documents Applicant Exhibit Two, Documents Applicant Exhibit Three, Documents

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12	BY MR. CARR:
13	Q Mr. Loos, will you state your name and
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23	A. Yes.
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SALLY VV. BOYD, C.S.Fi. kl. 1 Ben 193-U Santa Fe, New Mexico 17301 Phone (30!) 435-7409 I, SALLY W. BOYD, C.S.R., DO HEREPY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Smilly W. Bogh C.S.E.

I do hereby contify that the foregoing is 175 11 a comp the hac Examiner Haund Oil Conservation Division

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Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: if there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

•)

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone. Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE: 1974-781-025/VILI-239

(continued)

- (12) Induction Electric, Compensated Density and Neutron logs will be run. Possibly Drill Stem Tests may also be run.
 (13) Normal Erwitland field pressures are anticipated and will be controlled with sufficient weighted mud. No.
- (13) Normal Fruitland field pressures are anticipated and will be controlled with sufficient weighted mud. hydrogen sulfide is anticipated.

WELL LOCATION AND ACREAGE DEDICATION PLAT	T	•
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Supervile	8	C-128
Effective	1	-1-65

L Actual Foota;• Loc	c'los of Wells	31	N	<u> </u>	,N.M.P.	<u>.</u>	SAN JUAN	
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State of New Mexico

COVER 0. BRUCE KING

DIRECTOR AND SECRETARY TO THE COMMISSION HAROLD F. OLSON

DEPARTMENT OF GAME AND FISH

STATE CAPITOL SANTA FE 87503

February 2, 1981.

STATE GAME COMMISSION

EDWARD MUNOZ, CHAIRMAN

GALLUP

J.W. JONES

ALBUQUERQUE ROBERT H. FORREST CARLSBAD

ROBERT P. GRIFFIN SILVER CITY

Mr. DeLasso Loos Blackwood and Nichols Company, Limited P. O. Box 1237 Durango, Colorado 81301

Dear Mr. Loos:

In response to your letter of January 9, 1981, you are hereby granted permission to use the existing road across our property in Section 6, T31N, R6W for the purpose of drilling and producing Well Number 209.

Sincerely yours,

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Director



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File_#63

613 NWU

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION 1000 Rio Brazos Road Aztec, New Mexico 87410

April 26, 1976

Blackwood & Nichols Co. Box 1237 Durango, Colorado

Attention: Mr. Loos SUBJECT: NON-STANDARD GAS PRORATION UNIT CONSISTING OF 367.08 ACRES IN THE Blanco Mesaverde GAS POOL DESCRIBED AS FOLLOWS: TOWNSHIP NORTH, RANGE WEST, NMPM 31 7 SECTION:

By authority granted me by Rule 5(B) of Order No. R-1670, as amended, the above-described acreage has been approved as a non-standard gas proration unit to be dedicated to the _____ Northeast Blanco Unit

S/2

Well No. 63 , located 1100/5; 990/W of said

Section 1.

district #3

cc: Oil Conservation Commission Santa Fe, New Mexico

(4-675≠) ange Nº 7 West of the New Mex. Principal Mer., New Mex. *(*· h 1: ... SURVBY Resurvey 5.88 02 8086 80.86 16.21 21.64 6.29 20.07 1493 390.48 367 185.65 N F15176 08 3 181.40 589.57 M. S 79.94 stophers 8000 79.90 640 64 irac. 5W. JR X 79.182 600160 10: 80 nder to Seg 640 640 79.99 64



NF. MEXICO OIL CONSERVATION COMMISSION Noim C+jU. Superscala C-128 WELL LOCATION AND ACREAGE DEDICATION _AT Effective 1-1-65 All distances must be from the outer boundaries of the Section Operato Well No. Blackwood & Nichols Company Northeast Blanco Unit 63 Unit Letter Township Section Range County 31 N 1 7 W M San Juan Actual Footage Location of Well: 1100 990 South West feet from the line ong leet from the line Ground Level Elev: **Producing Formation** Pool Dedicated Acreages 6559 Megaverde Blanco 367.08 51 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 Unitized No ' If answer is "yes," type of consolidation 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. 22 OIL ICON DIST Døstrict Manager Compony Blackwood & Nichols Co. Date 1 April 22, 1976 1 Federal 1 I hereby certify that the well location shown on this plat was plotted from field Patented notes of actual surveys made by me or under my supervision, and that the same is irve and correct to the best of my knowledge and belief. ¢. Date Surveyed 6 Registered Professional Engineer and/or Land Surveyor Certificate No. **41111** ----1320 16.50 1980, 2310 2000 1500 1000 330 190 2640 500


1" = 100**0**"

The undersigned, KROEGER ENGINEERING COMPANY, hereby certifies that the obove plat was prepared from field notes of actual surveys made by them, and that the same are true and correct to the best of their knowledge and belief.

DATE: ______ APRIL 5, 1976-KROEGER ENGINEERING COMPANY A. Kronger, President oha

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SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET None 44***********************************		<u></u>	<u></u>		1		2
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5. Lisi of Atlochments 6. I hereby certify the the information shown on both sides of this form is true and complete to the best of my knowledge and belief	4. Disposition of Ges (Sold, used for fuel, ver	ated, etc.)		Te	st Witnessed By	ſ
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SIGNED & A DELESSO LOOS TITLE District Manager DATE 11-22-76	6. I hereby certify the	the information shown	on both sides of this ;	form is true and compl	ete to the best of my knowle	age and belief	
SIGNED / A A DeLagéo Loos TITLE District Manager DATE 11-22-76	(I) L		/ 1			•	-
	SIGKED 1. XA	Dellage	COLOOS TI	TLE Disti	cict Manager	DATE	11-22-76
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INSTRUCTIONS

This form is to be filed with the operative District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepend well. It shall be accompated by one copy of all electrical and radio-activity lags run on the well and a commany of all special tests con-ducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 54 shall be reported for each zone. The form is to be filed in guintuplicate exception state land, where six copies are required. See Bute 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

•	•	Southeastern ?	New Mexico		N	orthwestern	New	Mexico	•
т.	Anhy	T.	Сипуоп	T.	Ojo Alamo22	80'	T. F	enn. (1811	
			Strewn						
В.	Salt	T.	Atoka	T.	Pictured Cliffs	3396'	T. F	Penn. "D"	·
Т.	Yales	T.	Mis s	T.	Cliff House	5496'	т. і	_eadville	
Т.	7 Rivers	Τ,	Devonian	T:	Menefee	55601	T. N	ladison	
Т.	Queen	T.	Silurian	т.	Point Lookout	5810'	т. і	Ibert	•
			Montoy =						
			Simpson						
T.	Glorieta	T.	McKee	Ba	se Greenhorn	-	т. с	Granite	
			Ellenburger						
· T.	Elinebry	· · · · · · · · · · · · ·	Gr Wash	· · •	Mentena	- ·	÷		
T.	Tubb		Granite		Todilto		т	•	
			Deleware Sand						
Т.	Abo		Bone Springs		Wingste		T		· · · · · · · · ·
т.	Penn			T.	Permian	- '	т	· · · -	• • •
т	Cisco (Bough C)	T		Ť.	Penn "A"		Τ.		,

FORMATION RECORD (Attach additional sheets if necessary)

From	. To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
2280'	2420'	140	Ojo Alamo				······································
2420'	3060	640	Kirtland			İ. İ	
3060	33961	336	Fruitland				 A second s
3396'	3610'	214	Pictured Cliffs				يستنب المحمد ماماته منحا المرام المحاج المراجع والمحاج المحاج
3610'	5190	1580	Lewis Shale	<u></u>	•		
5190'	5496	306	Massive Cliffhouse				المعرية المحمومة المعادية المراجع المعالمة المعالمة المراجع المعالية المراجع المعالية المعالية المحموم المعالي المعالية المعالية المحموم المعالية المعالية المعالية المعالية المعالية المعالية المعالية المعالية المعالية المع
5496'	5560'	64	Cliffhouse	_	-		and the second second second second second second second second second second second second second second second
5560'	5810'	250	Menefee	-			المارية أأتكم ومستعد المركز الرابية المعادية الأراد المراجع المركز المراجع المركز المركز المركز المركز المركز ا
5810'	5980'	170	Point Lookout				
5980'			Mancos				
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. or write accenter 3 7 to	Ferm C-103
	Su: craedes 01d C-162 and C-103
LE NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
LE // 5.0.5.	50. Indicate Type of Lease
AND OFFICE	Stote Stote X
PERATOR	5. State Cil & Gus Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS 100 NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OF PLUG BACK TO A DIFFERENT RESERVOI USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH FROPOSALS.)	
	7. Unit Agreement Name
DIL CAS WELL XX DIHER-	NEBU Agrmt. No. 1, Sec
None of Operator	8, Farm of Lease Hame
Blackwood & Nichols Company Acdress of Operator	Northeast Blanco Unit 9. Well No.
P.O. Box 1237, Durango, Colorado 81301	ⁱ 63
Location of Weil	10. Field and Pool, or Wildcat
UNIT LETTER M 1100 FEET FROM THE South LINE AND 990	Blanco Mesaverde
THE West LINE, SECTION 1 TOWNSHIP 31N RANGE 7W	—— ««»». ()))))))))))))))))))))))))))))))))))
	12. County
1/////////////////////////////////////	San Juan
Check Appropriate Box To Indicate Nature of Notice, Repo	ori or Other Data
NOTICE OF INTENTION TO:	SEQUENT REPORT OF:
ERFORM REMEDIAL WORK	ALTERING CASING
EMPORARILY ABANDON	PLUG AND ABANDONMENT
ULL OR ALTER CASING	
OTHER	
OTHER	•
P. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates work) SEE RULE 1103.	s, including estimated date of starting any proposed
125 sacks of Howco light cement with 1/4# flocele per sack and sacks class B cement with 1/4# flocele per sack with 2% CaCl ₂ .	
cement 2400'. Tested 7" casing with 1000 PSI for thirty minute	
On October 20, 1976 ran 192 jts of 4-1/2", K-55, 10.50# casing	
with 225 sacks of class B Cement with 4% gel, .6% CFR-2 and $1/4$	4# flocele per sack; followed
with 100 sacks of class B cement with .3% HR-4 and 1/4# flocele	
survey, top of cement 3150'. Tested casing with 1000 PSI for t	thirty minutes, held OK.
	/erFIVEN
. I hereby certify that the information shove is true and complete to the best of my knowledge and belief.	NOV231976
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anie te Aconto Delasso Loos Inte District Manager	OIL COIN. DIST. 3 11-22-76
SUPERVISOR DIST. #5	NOV 23 1976
ONDITIONS OF APPROVAL IF ANY:	DATE
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NORTHWEST PIPELINE CORPORATION 3539 East 30th Street Farmington, New Mexico

OF GAS FROM_	Blackwood & Nichols Co.	North East Blanco Unit #63				
	. Operator .	Well Name				
86-936	5-01 1	M SW 1-31-7				
Meter	Code	Well Unit S-T-R.				
Blanco, Mesaverde		Northwest Pipeline Corp.				
	Pool	Name of Purchaser				
WAS MADE ON	3-14-77	FIRST DELIVERY 3-15-77				
	Date	Date				
AOF	6182					
CHOKE	NA	• • • •				
CHOKE	11A					
· .		Northwest Pipeline Corp.				
		Purchaser				
	. •	John E. June				
		Representativc				
		Measurement Specialist				
		Title				
cc: Operator	<u>/</u>					
Oil Conse	ervation Commission - 2 cc	pics				
	n - D.O. Buterbaugh					
	on - R. W. Keener		-			
	on - Bob Fielder					
File	ertment - Denver					
A A A 14	•					

ENSTRIPUTION SANTA PE	NEW MEXICO OIL CONSERVATION C	
14LE	REQUEST FOR ALLOWAR	BLE Supervision Old Cold and Cold Differitive 1-1-05
u.s.g.s.	AND AUTHORIZATION TO TRANSPORT OIL A	
LAND OFFICE	BUTHORIZATION TO TRARSPORT OIL A	AND NATURAL GAS
IRANSPORTER OIL I		
CPERATOR /		
FRORATION OFFICE		
Cjector		
Blackwood & Nicho	ls Company	
1001e 28		•
P. O. Box 1237,	Durango, Colorado 81301	
Reoson(s) he filing (Check preper Lox)	· · · · · · · · · · · · · · · · · · ·	Please exploin)
New Well X	Change in Transporter of:	
Recompletion		•
Change in Ownership	Cosingheod Gas Condensate	
DESCRIPTION OF WELL AND L Lesse Mane Northeast Blanco Unit Locetion	Well No. Fuel None, Including Fernation 63 Bianco Mesaverde	Kind of Leose Leose Sicle, Federal of Fee Fee
Unit Letter <u>M</u> ; 110 Line of Section <u>1</u> Town	0 Feet From The South Line and 990	NMFM, San Juan County
SESIGNATION OF TRANSPORT	ER OF OIL, AND NATURAL GAS	cliess to which approved copy of this form is to be sentj
Inland Corporation	P.O. Box	1528 Farmington New Bex 87401
None of Authorized Transporter of Cost	nghead Gos 📋 ar Dry Gas 👔 Additess Write add	diess to which approved copy of this form is to be sent)
Northwest Pipeline Corp	poration P.O. Box	90 Farmington, New Mex. 87401
If well produces of ar liquids, give location of tanks.	Unit Sec. Twp. Fige. Is gas actually co NO	cancered? When
1		
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this production is commingled with COMPLETION DATA	Oil Well Cos Well Now Well Work	
f this production is commingled with	Oil Well Cos Well Now Well Work	kover Despen Plug Bock Same Res'v. Diff. Hes'v.
this production is commingled with COMPLETION DATA	- (X)	

H. SP. H. AN PERETHER 5 DISTUICTION SANTA FE FILE U.S.G.S. LAND OFFICE IFANSFORTER OIL I GAS I CPERATOR FRORATION OFFICE Cpeipion	REQUEST	ONSERVATION CORMISSION FOR ALLOWABLE AND ANSPORT OIL AND NATURAL G	Poim C - 104 S-j - i - i des Olé C-júe cont C-jjø Cili-crive 1-1-55 GAS
Blackwood & Nich	ols Company	•	1
Address P. O. Box 1237, Reoson(s) for filing (Check proper Los) New Well Recompletion Change in Ownership f change of ewnership give name	Durango, Colorado 81301 Change in Transporter of: OII Dry Ga Casinghead Gas Conder	Other (Please explain)	
ind address of previous owner			
DESCRIPTION OF WELL AND I Lease Name Northeast Blanco Unit	LEASE Well No. Puol Non.e, Lacivding Fo 63 Bianco Mesave		Le-ee row 1
	00		
	00 Feel From The <u>South</u> Lin		he <u>West</u>
Line of Section 1 Tow	Anship 31N Barge 7W	, NMFM, San Ju	lan County
	TER OF OIL AND NATURAL GA		
Name of Authorized Transporter of Oil Inland Corporation	ar Cundensole K	Address (Give address to which approv	
Neze of Authorized Transporter of Cos		P.O. Box 1523, Farmin Address (Give address to which approv	ed copy of this form is to be sent)
Northwest Pipeline Cor	Poration Unit Sec. Twp. Fige.	P.O. Box 90 Farmin	gton, New Mex. 87401
If well produces off or liquids, give facation of tanks.		No	n .
f this production is commingled with COMPLETION DATA	th that from any other lease or pool,		None
Designate Type of Completio	on - (X) Cil Well Gcs Well X	New Well Workover Despen	Plug Eock Scie Sesty, Diff, Sesty,
Dete Spudded	Date Compl. Ready to Frod.	X Total Depth	P.B.T.D.
10-7-76 Elevations (DF, RKB, RT, CR, etc.)	11-2-76 Nome of Producing Parmetion	6075 1 Top 011/Ges Per	6035 ¹ Tubing Depth
Elevations (DF, RKB, RT, GR, etc.) 6559 GL	Nome of Producing Permition Mesaverde	5820 ·	Tubing Depth
Ferferations 59201 - 60201	· · ·		Depth Cosing Shoe
5820' - 6020'	TUEING, CASING, AND	CEMENTING RECORD	6072'
HOLE SIZE	CASING & TUEING SIZE	DEFTH SET	SACKS CEMENT
<u>12-1/4"</u> 8-3/4"	. 9-5/8" 7"	218' 368 3 '	225
<u> </u>	4-1/2"	<u> </u>	325
·	<u></u>		ll
TEST DATA AND REQUEST FO	oble for this dej	psh or be for full 24 hours)	and must be equal to or exceed top ellow-
Date First New Oil Run To Tonks	Dele of Test	Fictuating Method (Flow, pump, cas lift	"Xacillan
Length of Test	Tubing Pressue	Cosing Pressure	Reference 191
Actual First, During Test	O(1 - B‡!s.	Water-Sble.	MAR 25 197
· · · · · · · · · · · · · · · · · · ·			C= MAR 25 151 MAR 25 151 CON. COM OIL CON. 3 OIL DIST. 3
GAS WELL Actual Frod. Text-MCF/D	Length of Test	Eble. Condensate/AMCF	Gievily of Celemanto
Q=3285	3 hours	None	None
Testing Method (pilot, back pr.) Back Pressure	Tuting Piecewe (Ebst-in) 1025	Cosing Fiersure (Shrt-in) 1025	Choke 5!ze 3/4" • 15
CERTIFICATE OF COMPLIANC		OIL CONSERVA	TION COMMISSION
	_	APPROVED MAR 251	977
hereby certify that the rules and re Committeen have been compiled w showe is true and complete to the	egulations of the Oil Conservation ith and that the information given best of my knowledge and belief.	BY ARINEM	dinche
	Vent of my and the	SUTERVISOR DIST	
うり、レ		TITLE This form is to be filed in c	
1 Fexandra	DeLasso Loos	If this is a request for allow	eble for a newly drilled or deepene
(Signat		texts taken on the well in accord	
(Titl	"1977	All sections of this form mus	it be filled out completely for elica.
MAR 24		Fill cut only Sections 1, 11,	, iii, and VI for changes of emper-
	**		

DISTRIBUTION	NFW NFW	MEXICO OIL CONSER	VATION COMMISSION			045-239
SANTA FE					Revised 1-1-6	ŝ
FILE	/+1			1	SA. Indicate	Type of Lease
	31 1		à	i	31ATE	
U.S.G.S. 6	<u>а-</u>				L.	
LAND OFFICE	-		•		.5, State OII	é Gas Lease No.
OPERATOR .	4-+-					
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APPL ICATIC	ON FOR PERMIT TO	DRILL DEEPEN C	R PLUG BACK		mm	
In. Type of Work		unice, veci cit, c		{	7. Unit Agre	
	_					st Blanco Un:
DRILL	· ·	DEEPEN	PLUG B		Agreeme	nt #1. Sec. 9
b. Type of Well	•	. •			8, Farm or L	ease Name
WELL CAS WELL	OTHER	1	ZONE X MULT		Northea	st Blanco Un:
2. Nome of Operator					9. Well No.	
Blackwood a state						204
Blackwood & Nich 3. Address of Operator	018 (0., Ltd.				10 Field	d Pool, or Wildcat
· · · · · · · · · · · · · · · · · · ·	Durance 0-1	da 01201		İ		
P. O. Box 1237,	Derango, Colora	00 01301			South	Los Pinos PC
4. Location of Well UNIT LETT	cn <u>M</u> ioc	ATED 830 FE	ET FROM THE SOUT	h LINC	THHII I	TITTITITI III
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AND DOO FEET FROM	THE WEST UN	E OF SEC. I TH	P. JIN REE. 7W	нмрм	iiiiiiii	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii
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/////////////////////////////////////	HHHHHHH	<i></i>	, Proposed Depth [19	A. Formation		20. Rolary or C.T.
iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	///////////////		• 1			-
21. Elevations (Show whether Di				ricture	d Cliffs	
	, a. i, etc. j 21A. Kind	& Status Plug. Bond 21	B. Drilling Contractor		22. Approx.	, Date Work will star
6546' GL			Unknown		May	30, 1979
23		· · · · · · · · · · · · · · · · · · ·			· ·	
	ې	ROPOSED CASING AND	CEMENT PROGRAM		:	
SIZE OF HOLE	I SIZE OF CASING	WEIGHT BED FOOT	SETTING DEDTIN	SACYS OF	CENENT	ECT TOO
		WEIGHT PER FOOT		••••••••••••••••••••••••••••••••••••••		EST. TOP
13-3/4"	9-5/8"	36.00#	250'	200	0 Sx	Circulat
7-7/8"	4-1/2"	10.50#	3690'	17!	5 Sx∙	2000*
We propose to per	I forate the Dict	l ured Cliffe-Fru	 itland Zones an	d foam '	l fracture	to 30.000
We propose to per gallons water wit Lewis 3610°. A 3	ch 140,000 lbs. 2000 PSI WP; Ser	sand in one sta ies 10" - 900 a	ge. Fruitland dapted to Serie	3060', J s 10" -	Pictured 600 hyd	Cliffs 3396 raulic blow
gallons water wit Lewis 3610°. A 3 out preventer equ	h 140,000 lbs. 2000 PSI WP; Ser hipped with blin	sand in one sta ies 10" - 900 a	ge. Fruitland dapted to Serie	3060', J s 10" -	Pictured 600 hyd	Cliffs 3396 raulic blow
gallons water wit Lewis 3610 ¹ . A 3	h 140,000 lbs. 2000 PSI WP; Ser hipped with blin	sand in one sta ies 10" - 900 a	ge. Fruitland dapted to Serie	3060', J s 10" -	Pictured 600 hyd	Cliffs 3396 raulic blow
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gallons water wit Lewis 3610°. A 3 out preventer equ	h 140,000 lbs. 2000 PSI WP; Ser nipped with blin ed.	sand in one sta ies 10" - 900 a d and necessary	ge. Fruitland dapted to Serie pipe rams with	3060', 1 s 10" - adequat	Pictured 600 hyd te kill	Cliffs 3396 raulic blow
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gallons water wit Lewis 3610°. A 3 out preventer equ lines will be use A mud of sufficie	th 140,000 lbs. 2000 PSI WP; Ser hipped with blin ed. ent weight to co ers will be test APPROV FOR 90 DA	sand in one sta ies 10" - 900 a d and necessary ontrol the Fruit ed every trip. AL VALID AYS UNLESS	ge. Fruitland dapted to Serie pipe rams with	3060', 1 s 10" - adequat	Pictured 600 hyd te kill used.	Cliffs 3396 raulic blow and bleed of
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NEW ME TO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C+102 Supersedes C+178 Effective 1+1+65

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STATE OF NEW MEXICO

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

April 30, 1979

1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-6178

GOVERNOR LARRY KEHOE SECRETARY

Blackwood & Nichols Co., Ltd. P. O. Box 1237 Durango, CO 80301

NWU 3-801

SUBJECT:

NON-STANDARD GAS PRORATION UNIT CONSISTING OF 185.68 ACRES IN THE^{South Los Pinos Fruitland-Pictured Cliffs ext. GAS POOL DESCRIBED AS FOLLOWS:}

TOWNSHIP	31	NORTH.	RANGE	7	WEST,	WIFH
SECTION:	j.			S¥,	/4	•.
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well no. 204 , located 830/S; 990/W of said Section 1

endauit Supervisor, District #3

xc: Oil Conservation Division Santa Fe, New Mexico

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(4-6754)

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DISTRIBUTION LANTA FE FILE U.S.G.S. LAND OFFICE OPERATOR						. Form C Revise	-105 6 1-1-05
OPERATOR	2		EXICO OIL CON TION OR REC			AND LOG SIDE	e Type of Lease . Fee X 6 Gas Lease Na.
IG. TYPE OF WELL					•		
						7. Unit Agi	eement Name
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2. Namepot Operator	DECPEN	PLUG BACK	DIFF.	OTHER		North 9. Well No.	east Blanco Uni
Blackwood	& Nichols	Co., Ltd					204
3. Address of Operator						1	and Pool, or Wildcet
P.U. BOX 1 4. Location of Well	1237, Dura	ngo, Colo	orado 8130	<u>l</u>		South	Los Pinos PC
UNIT LETTER	•		· · · · · · · · · · · · · · · · · · ·	IIIIA		SEET FROM 12. County	
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28.	<u>idcion d c</u>		ING RECORD (Rep	ori ali siringi	set in well)		
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29.	LINE	RRECORD	· · ·	<u></u>	30.	TUBING REC	ORD
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·		-11			ACID SHOT		
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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or despended well. It shall be accompanied by one copy of all electrical and radio-activity lags run on the well and a summary of all special tests conducted, including drill size tests. All depths reported shall be newsured depths. In the case of directionally drilled wells, two vortical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in anti-uplicate exception state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

		• •	Southeastern	New Mexico	•	. Northweste	m Ne	w Mexico
-	r.	Anhy	T.	Canyon	T.	Ojo Alamo 2280	_ T.	Penn. "B"
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E	3	Śalt	T.	Atoka	T.	Pictured Cliffs 3472	_ т.	Perin. "D"
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	Г.	Queen		Silurian	T.	Point Lookout	_ т.	Elbert
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FORMATION RECORD (Attach additional sheets if necessary)

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Blackwood & Nicho	ols Co.	, Ltd.									
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P. O. Box 1237,	Durang		rado 813	101							
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nd address of previous owner											
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2004	Ojo Alamo Fruitland 9 5/8" sur 4 1/2" Pro followed w the Ojo Al A 3000 PSI blowout pr adequate k 9 5/8" is drilling. A low wate Formation	2110'; Kirtland 2925'; Pictured face; 250 sacks duction casing; with 225 sacks 5 amo formation. WP; Series 10" eventer equippe ill and bleed of set and will be A rotating blo er loss gel base will be used wh E PROFOSED PROGRAM: If y drill or deepen directionally.	Cliffs 32 Class B c 265 sacks 0-50 Pozmi - 900 - a d with bli ff lines. tested as wout preve drilling ile drilli proposal is to dea	85 ¹ . ement Howco x with dapted nd and Blowo to op enter w mud of .ng the epen or pho	with 2% Lite ce 2% Gel to Seri necessa out preve erating vill also suffici 7 7/8"	CaCl; ment w and 1/ ies 10" ary pip enter w condit b be us ient we hole. data on pro	circu ith 1/ 4# flo - 600 e rams ill be ion du ed. (S ight t	4# floce cele per and 6" will be pressure ring eac ee schem o contro	surfac le per sack - hydr used e test h trip atic d l the	e. sack, to cover aulic with ed after while iagram) Fruitland
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Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

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Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone. Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

+ U.S. COVERNMENT PRINTING OFFICE: 1974-781-025 /VIII-239

(continued)

- (12) Induction Electric, Compensated Density and Neutron logs will be run. Possibly Drill Stem Tests may also be run.
- (13) Normal Fruitland field pressures are anticipated and will be controlled with sufficient weighted mud. No. hydrogen sulfide is anticipated.

WELL LOCATION AND AGREAGE DEDICATION PLAT

Supervisies C-12 Effective 1-7-65

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perotor BLA	CKWOOD & NI	CHOLS	Lease" N	ORTHEAST	BLANCO UNIT	Well No. 209
nil Leiler	Section	Township	Reci		County	
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State of New Mexico

STATE GAME COMMISSION

Edward Munoz, Chamman GALLUP

J.W. JONES ALBUQUERQUE

ROBERT H. FORREST

ROBERT P. GRIFFIN SILVER CITY

> BILL LITTRELL CIMARION

DEPARTMENT OF GAME AND FISH

STATE CAPITOL SANTA FE 87503

February 2, 1981.

Mr. DeLasso Loos Blackwood and Nichols Company, Limited P. O. Box 1237 Durango, Colorado 81301

Dear Mr. Loos:

In response to your letter of January 9, 1981, you are hereby granted permission to use the existing road across our property in Section 6, T3IN, R6W for the purpose of drilling and producing Well Number 209.

Sincerely yours,

Director

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GOVERNOR BRUCE KING

DIRECTOR AND SECRETARY TO THE COMMISSION HAROLD F. OLSON

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submit this	notice in	QUINT	UPLICATE. (One copy will be returned	I following approval, Se	e additional instruc	be returned to the sende tions in Rules and Regula
ion: of the l	Commissi	on.	If State Lar	nd submit 6 Copies Att	ach Form C- 128 in th	riplicate to first	t 3 copies of form C-10
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File_#63

NWU 3- 613

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION 1000 Rio Brazos Road Aztec, New Mexico 87410

April 26, 1976

Blackwood & Nichols Co. Box 1237 Durango, Colorado

 Attention:
 Mr. Loos

 SUBJECT:
 NON-STANDARD GAS PRORATION UNIT CONSISTING OF 367.08
 ACRES

 IN THE
 Blanco Mesaverde
 GAS POOL DESCRIBED AS

 FOLLOWS:
 TOWNSHIP 31
 NORTH, RANGE 7
 WEST, NMPM

By authority granted me by Rule 5(8) of Order No. R-1670, as amended, the above-described acreage has been approved as a non-standard gas proration

S/2

unit to be dedicated to the _____Northeast Blanco Unit

Well No. <u>63</u>, located 1100/S; 990/W of said Section 1

District #3

cc: Oil Conservation Commission Santa Fe, New Mexico

SECTION:

(全6759)





NE MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION __AT

Superseden C=128 Effective 3-3-65

Operator Blackwood 5	Nichols Company	ĺ	Leuse Northeast	Blanco Uni	•	Weil No. 63
· · · · · · · · · · · · · · · · · · ·	Nichors Company Non Township	1	Ronge	County	<u> </u>	
M	1 31	N	7 W	· · ·	n Juan	
Actual Footoge Location			· · · ·	••••••••••••••••••••••••••••••••••••••	···· <u>·</u> ·······························	
	et from the South	line and	990	feet from the	West	line
Ground Level Elev: 6559	Producing Formation Megaverde		Blanco			Dedicated Acreages
						T
1. Outline the a	creage dedicated to the	e subject wel	I by colored p	encil or hachur	e marks on t	he plat below.
2 If more than	ope lease is dedicated	d to the well	outline each	and identify the	ownership t	hereof (both as to worki
interest and r		,	outine outin	and rectify the	. ownersnip e	increat (Dour as to work)
		• • • •		、		_
				e well, have the	interests of	all owners been conso
dated by comm	nunitization, unitization	•	-			
Yes 🗌	No ' If answer is '	'yes," type of	consolidation	Unitize	d	•
<u> </u>		•				
If answer is "	no," list the owners an	nd tract descri	ptions which	have actually b	een consolid	ated. (Use reverse side
this form if ne	-			•	- <u></u>	
No allowable v	vill be assigned to the	well until all	interests have	been consolida	sted (by com	munitization, unitizatio
sion.	, or otherwise for until 8	non-standard	unit, eliminat	ing such interes	sis, has been	approved by the Comm
		· · · · · · · · · · · · · · · · · · ·			- 1	· · · · · · · · · · · · · · · · · · ·
	1	}	- I - I			CERTIFICATION
			TEN	P N		
		} 		[D]		certify that the information c
	•		KEEL			rein is true and complete to t y knowledge and belief.
	1	[APR 22	1976		y knowledge one beneat
	1	.	APK2C			<u> </u>
	+	<u> </u>	L	<u>C</u> O/	Name	ψ ψ
	1		OIC DIST	3	Position	Ausso Joe
					Dostrio	t Manager
]			1		Company	
			, 1 *		¦	od & Nichols Co.
		}		í	Date April 2	22, 1976
F	ederal 🥢	-		1		
				-1		
					I hereby	certify that the well locati
Pate	nted				shown on	this plat was plotted from fi
						actual surveys mode by me
	1					supervision, and that the sa
16		-				and correct to the best of a e and belief.
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· · · · · · · · · · · · · · · · · · ·					Date Survey	red
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· ————————————————————————————————————				-		<u> </u>
A.		6		-	-	Professional Engineer
A		8		-	Registered and/or Lan	•
# 		6			-	•
#		8			-	d Surveyor
AX		40 2000	1500 100		and/or Land	d Surveyor



WELL





The undersigned, KROEGER ENGINEERING COMPANY, hereby certifies that the obove plot was prepared from field notes of actual surveys made by them, and that the same are true and correct to the bost of their knowledge and ____ belief. 7,

DATE: ______ APRIL 5, 1926-KROEGER ENGINEERING COMPANY John A. Kroeger, President

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DISTRIBUTION							
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Blackwood	& Nichols Comp	any	· · · · · · · · · · · · · · · · · · ·				53 -
2. Address of Operator	• .				•	10. Field	d and Pool, or Wildcat
P. O. Box	1237, Durango	, Colorad	lo 81301			Blanc	o Mesaverde
4. Location of Well	• •			· · · · · · · · · · · · · · · · · · ·			
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UNIT LETTER M	LOCATED	FEET PRO	M THE SOUT	h_ LINE AND	<u>990</u>	ET FROM	
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THE WEST LINE OF	SEC. 1 TWP.	31N	7W		iiiixiiiiii	San J	Juan Allilili
15. Date Spudded	18. Date T.D. Reache	d 17, Date Co	unipl. (Ready to	Prod.) 18.1	Elevations (DF. RK	B, RT, GR. etc.)	19, Elev. Coshingheod
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20. Total Depth	21, Flug Boch			ple Compl., Ho		Botary Tools	Cable Tools
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24. Producing Interval(<u> </u>		?	- <u>X</u>	
est i rouvering intervale	sh or this completion =	Top, Dottena, .	Citte		• •		25. Was Directional Survey Mode
Point Look	out Zone 582	0' - 6020	ינ			· · ·	Yes
					·		
26. Type Electric and (•						7. Was Well Cored
Induction	Gamma-Ray Comp	ensated L	Jensity No	eutron Lo	9		No · · · · ·
28.		CASIN	IG RECORD (R	eport all strings	s set in well}		· · ·
CASING SIZE	WEIGHT LB./FT.	DEFTH	ET H	DLESIZE	CEMENT	ING RECORD	AHOUNT PULLED
9-5/8"	36.00	218	12	-1/4"	225 sac	ks	None a
7"	23.00	3683	8	-3/4"	225 sac		None 🐨
7" 4-1/2"	23.00 10.50#	<u>3683</u> 6072		-3/4"	225 sac	cks	
·		1				cks	None C
	10.50#	1			225 sac	cks	None 2 None 2
4-1/2"	10.50#	6072		-1/4"	225 sac 325 sac	:ks :ks	None 2 None 2 EECORD 3
4-1/2" !9. SIZE	10.50#	6072	6.	-1/4"	225 sac 325 sac 30.	CKS CKS TUBING R	None 2 None 2 EECORD 3
<u>4-1/2"</u>	10.50#	6072	6.	-1/4"	225 sac 325 sac 30.	CKS CKS TUBING R	None 2 None 2 RECORD 2 PACKER SET
4-1/2" 19. SIZE None	10.50# LINER тор в	6072 RECORD	6.	-1/4"	225 sac 325 sac 30. \$12E	CKS CKS TUBÍNG R DEPTH SET	None 2 None 2 2 RECORD 2 PACKER SET
4-1/2" 9. SIZE None	10.50# LINER TOP B (Interval, size and numb	6072 RECORD	ACKS CEMENT	-1/4"	225 sac 325 sac 30. \$12E	CKS TUBING R DEPTH SET CTURE, CEMENT	None 2 None 2 RECORD 2 PACKER SET SQUEEZE, ETC.
4-1/2" 9. SIZE None	10.50# LINER TOP B (Interval, size and numb erval: 5820' -	6072 RECORD OTTOM S Ser) 5830' - 5		-1/4"	225 sad 325 sad 30. 512E	CKS TUBÍNG R DEPTH SET CTURE, CEMENT AMOUNT AND	None 2 None 2 RECORD 2 PACKER SET PACKER SET SQUEEZE, ETC. KIND MATERIAL USED
4-1/2" 9. SIZE None	10.50# LINER TOP B (Interval, size and numb erval: 5820' - 5858' -	6072 RECORD DOTTOM S 5830' - 5 5868' - 5		-1/4"	225 sad 325 sad 30. 512E	CKS TUBÍNG R DEPTH SET CTURE, CEMENT AMOUNT AND 30, 220 gals.	None 2 None 2 None 2 PACKER SET PACKER SET SQUEEZE, ETC. KIND MATERIAL USED mini-max
4-1/2" 9. SIZE None	10.50# LINER TOP B (Interval, size and numb erval: 5820' -	6072 RECORD DOTTOM S 5830' - 5 5868' - 5		-1/4" SCREEN	225 sad 325 sad 30. 512E	CKS TUBÍNG R DEPTH SET CTURE, CEMENT AMOUNT AND	None 2 None 2 None 2 PACKER SET PACKER SET SQUEEZE, ETC. KIND MATERIAL USED mini-max
4-1/2" 9. SIZE None	10.50# LINER TOP B (Interval, size and numb erval: 5820' - 5858' -	6072 RECORD DOTTOM S 5830' - 5 5868' - 5		-1/4" SCREEN	225 sad 325 sad 30. 512E	CKS TUBÍNG R DEPTH SET CTURE, CEMENT AMOUNT AND 30, 220 gals.	None 2 None 2 None 2 PACKER SET PACKER SET SQUEEZE, ETC. KIND MATERIAL USED mini-max
4-1/2" 9. SIZE None 11. Perforction Record Four per inte	10.50# LINER TOP B (Interval, size and numb erval: 5820' - 5858' -	6072 RECORD DOTTOM S 5830' - 5 5868' - 5	- 6 	-1/4" SCREEN	225 sad 325 sad 30. 512E	CKS TUBÍNG R DEPTH SET CTURE, CEMENT AMOUNT AND 30, 220 gals.	None 2 None 2 None 2 PACKER SET PACKER SET SQUEEZE, ETC. KIND MATERIAL USED mini-max
4-1/2" 9. SIZE None 1. Perforction Record Four per inte	10.50# LINER TOP B (Inserval, size and numb erval: 5820' 5858' 5994'	6072 RECORD OTTOM S 5830' - 5 5868' - 5 6020'	- 6 	-1/4" SCREEN 32. NOL OLL CO DOUGTIONOIS	225 sad 325 sad 30. 5:2E	TUBING R TUBING R DEPTH SET CTURE, CEMENT AMOUNT AND 30, 220 gals. 35, 500 1bs.	None 2 None 2 RECORD 2 PACKER SET SQUEEZE, ETC. KIND MATERIAL USED mini-max sand
4-1/2" 13. SIZE None 13. Perforction Record Four per inter 13. Orte First Production	10.50# LINER TOP B (Interval, size and numb erval: 5820' - 5858' - 5994' -	6072 RECORD OTTOM S 5830' - 5 5868' - 5 6020'	- 6 	-1/4" SCREEN 32. NOL OLL CO DOUGTIONOIS	225 sad 325 sad 30. 512E	TUBING R TUBING R DEPTH SET CTURE, CEMENT AMOUNT AND 30, 220 gals. 35, 500 1bs.	None 2 None 2 None 2 RECORD 2 PACKER SET 4 SQUEEZE, ETC. KIND MATERIAL USED mini-max Sand
4-1/2" 13. SIZE None 13. Perforction Record Four per inter 13. Softe First Production Not Conne	10.50# LINER TOP B (Interval, size and numb erval: 5820' - 5858' - 5994' - Production ected	6072 RECORD OTTOM S Ser) 5830' - 5 5868' - 5 6020' Method (Flowin		-1/4" SCREEN 32. DEFTY NOL OLUCTIONO/S mping - Size ar	225 sad 325 sad 30. 512E FORMUL FRA 1 Inflava 2 3 1976 N. COM 1 J. COM	CKS TUBING R DEPTH SET CTURE, CEMENT AMOUNT AND 30, 220 gals. 35, 500 1bs.	None 2 None 2 None 2 None 2 Packer SET PACKER SET SQUEEZE, ETC. KIND MATERIAL USED mini-max Sand Sand Shut-in
4-1/2" 9. SIZE None 11. Perforction Record Four per inter 13. Softe First Production Not Connel Scie of Test	10.50# LINER TOP B (Interval, size and numb erval: 5820' - 5858' - 5994' - Production ected Hours Tested C	6072 RECORD DOTTOM S DOTTOM S DO	- 6 	-1/4" SCREEN 32. NOL OLL CO DOUGTIONOIS	225 sad 325 sad 30. 512E 700 FFL, FRA 1 FFL VA 7 A A A 2 3 1976 A COM 14 13 e puñapi Gos - MCF	TUBING R TUBING R DEPTH SET CTURE, CEMENT AMOUNT AND 30, 220 gals. 35, 500 1bs.	None 2 None 2 None 2 None 2 Packer SET PACKER SET SQUEEZE, ETC. KIND MATERIAL USED mini-max Sand Sand Shut-in
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4-1/2" SIZE None None 1. Perforction Record Four per inte Solution Four per inte 13. Date First Production Not Conne Date of Test 11-2-76 Tow Tubing Press.	10.50# LINER TOP B (Interval, size and numb erval: 5820' - 5858' - 5994' - Production ected Hows Tested Casing Pressure C	6072 RECORD DOTTOM S DOTTOM S DO	5840" - 5924" - PRC ng. gas lift, put Prod'n. For	-1/4" SCREEN 32. DELTY NOL OIL CO DUCTIONO/S mping Size at OIL - Bbl. Ges - 1	225 sac 30. 30. 512E FAD A FRA 512E FAD A FRA 512E 5	CKS TUBING R DEPTH SET CTURE, CEMENT AMOUNT AND 30, 220 gals. 35, 500 1bs.	None 2 None 2 None 2 None 2 Packer SET PACKER SET SQUEEZE, ETC. KIND MATERIAL USED mini-max Sand Sand Shut-in
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INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-defilled or despined well. It shall be accompared by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests comducted, including drift stem tests. All depths reported shall be near depths. In the case of directionally drifted wells, true vertical depths shall also be rejorted. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filled in guintuplicate except on state land, where six copies are required. See Buly 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

• <u>So</u> r	utheastern New Mexico	Northwestern New Mexico
T. Anhy	T. Canyon	T. Ojo Alamo 2280! T. Penn. "B"
T. Sait	T. Strewn	T. Kirtland-Fruitland 3060' T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs3396" T. Penn. "D"
T. Yaies	T. Miss	T. Cliff House 5496' T. Leadville
T. 7 Rivers	T. Devonian	T. Menclee 5560' T. Nadison
T. Queen i		T. Point Lookout 5810" T. Elbert
T. Grayburg	T. Montoys	T. Mancos5980" T. McCracken
T. San Andres	T. Simpson	T. Ignacio Qtzte
T. Gloriets	T. McKee	Base GreenhornT. Granite
T. Peddock	T. Ellenburger	T. Dekota T T.
T. Elinebry	T. Gr. Wash	T. Morrison T
Т. Товь	T. Granite	T. Todilto T
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T Cisco (Bough C)		T. Penn "A"T.
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FORMATION RECORD (Attach additional sheets if necessary)

From		Thickness in Feet	Formation	Froma	To	Thickness in Feet	Formation
2280:	2420*	140	Ūjo Alamo				
2420'	3060	· 640	Kirtland				· · · · · · · · · · · · · · · · · · ·
30601	3396	336	Fruitland				
3396'	3610	214	Pictured Cliffs		1		
361 0'	5190	158 0	Lewis Shale				an an ann an an an an an an an an an an
5190'	5496	306	Massive Cliffhouse				
5496'	5560*	64	Cliffhouse	- 1	•		ار دیکھینے محمد میں ایک ایک میں میں میں میں میں میں میں میں میں میں
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DISTRIFUTION		
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	Superseders Old C-103 and C-103	
NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1545	
. <u>\$.</u> G. \$,	Sa. Indicate Type of Lease	1
	State Fee X	
PERATOR	5. State Cil & Gas Lease No.	
SUNDRY NOTICES AND REPORTS ON WELLS		N
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)		2
	NEBU Agreement Nome NEBU Agreem. No. 1, Sec	1021
WELL WELL XX OTHER-		
Name of Operator	8. Farm or Leose Hame	
Blackwood & Nichols Company	Northeast Blanco Unit	
Address of Operator	9. Well No.	
P.O. Box 1237, Durango, Colorado 81301	63	
ocation of Well	10. Field and Pool, or Wildcat	}
UNIT LETTER M 1100 FEET FROM THE SOUTH LINE AND 990 FEET FROM	Blanco Mesaverde	
		3
THE West LINE, SECTION 1 TOWNSHIP 31N HANGE 7W HMPM	AIIIIIIIIIIIIIIIIII	2
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11111111111111111111111111111111111111	12. County	2
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Check Appropriate Box To Indicate Nature of Notice, Report or O	her Data	
	T REPORT OF:	
RFORM REMEDIAL WORK	ALTERING CASING]
MPORARILY ARANDON COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT]
LL OR ALTER CASING CHANGE PLANS		-
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Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, includin, work) SEE RULE 1703.	estimated date of starting any propose	- a
On October 7, 1976, ran 7 jts, 9-5/8", H-40, 36# casing; 204' set at		
sacks class C cement with 2% CaCl ₂ . Cement circulated; tested casing	with 800 PSI for thirt	v
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minutes, neig ok.		4
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On October 16, 1976, ran 119 jts., 7", K-55, 23# casing; 3669' set at		2
On October 16, 1976, ran 119 jts., 7", K-55, 23# casing; 3669' set at 125 sacks of Howco light cement with 1/4# flocele per sack and 2% CaC	212 followed with 100	-
On October 16, 1976, ran 119 jts., 7", K-55, 23# casing; 3669' set at 125 sacks of Howco light cement with 1/4# flocele per sack and 2% Cac sacks class B cement with 1/4# flocele per sack with 2% CaCl ₂ . Ran t	cl ₂ followed with 100 emperature survey top	3
On October 16, 1976, ran 119 jts., 7", K-55, 23# casing; 3669' set at 25 sacks of Howco light cement with 1/4# flocele per sack and 2% Cac sacks class B cement with 1/4# flocele per sack with 2% CaCl ₂ . Ran t	cl ₂ followed with 100 emperature survey top	3
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NORTHWEST PIPELINE CORPORATION 3539 East 30th Street Farmington, New Mexico

NOTICE OF GAS CONNECTION

DATE 3-31-77

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR PURCHASE

OF GAS FROM Blackwood & Nichols Co. . Operator .

Date

• • •

North East Blanco Unit #63 Well Name

Northwest Pipeline Corp.

Name of Purchaser

FIRST DELIVERY

86-936-01 1

Well Unit

M SW 1-31-7 S-T-R.

3-15-77

Date

Meter Code

Blanco, Mesaverde Pool

WAS MADE ON 3-14-77

AOF_____6182

CHOKE NA

Northwest Pipeline Corp.

Purchaser MARD Representative

Measurement Specialist Title

.cc: Operator Oil Conservation Commission - 2 copies Proration - D.O. Buterbaugh Production - R. W. Keener Production - Bob Fielder Land Department - Denver File

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Blackwood & Nicho	ols Company					
P. O. Box 1237,	Durango Colo	rado 81301	•			
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nd +ddress of previous owner DESCRIPTION OF WELL AND L Lesse Name Northeast Blanco Unit Locetton Unit Letter <u>M</u> ; 110 Line of Section <u>1</u> Town DESIGNATION OF TRANSPORT Nome of Authorized Transporter of Oil Inland Corporation Name of Authorized Transporter of Cast Northwest Pipeline Corp If well produces off or liquids,	Well No. Fool Ni 63 Blat 00 Feet From The mship 31N ER OF OIL AND Nor Condensation inchead Gas or Importion	nco Mesaverde South Line cod Forme 7W NATURAL GAS Te M Add Dry Gos X Add	a <u>990</u> . NMFW Cress (Give address P.O. <u>Box</u> 152 dress (Give address	Stote, Federol of F Fret From The 4San_Juan to which opproved of 10 which opproved of 10 which opproved of 10 which opproved of 10 which opproved of Farmingto	Vest west opy of this form is on, New Mex opy of this form is	County to be sent/ 87401 to be sent/
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CONTRACTOR		CONSERVATION COMMENCE		-104 ides Old C-364 and C-3		
LAND OF FICE	AUTHORIZATION TO TR	AND Elective 1-1-65				
IRANSPORTER OIL I						
ESCRATION OFFICE	1			· ·		
Blackwood & Nic						
P. O. Box 1237, Reason(s) for filing (Check proper to New Well X	Durango, Colorado 8130	1 Ciher (Please explai	n)			
Reconsidetion		ios (X) 17.3 =1e	•			
Chanze of ownership give name nd address of previous owner						
DESCRIPTION OF WELL AND	Vell No.; Puol Norie, Including		{ Leose			
Northeast Blanco Unit	63 Blanco Mesav		Federal of Fee Fee	Lesse No.		
Unit Letter M : 1	100 Feel From The South Li	ne cod990F-et	from The West			
Line of Section 1 To	awnship <u>31N</u> ficinge 71	W	an Juan	County		
DESIGNATION OF TRANSPOR Nexte of Authorized Transporter of O	TER OF OIL AND NATURAL G	AS AS Addiess (Give address to which	a approved copy of this f	orm is to be sents		
Inland Corporation Name of Authorized Transporter of Co		P.O. Box 1528, F	amnington. New	Mex. 87401		
Northwest Pipeline Co		Address (five address to which approved copy of this form is to be sent) P.O. Box 90 Farmington, New Mex. 87401				
If well produces all or liquids, give location of tenks.	Unit Sec. Twp. Fge.	Is gas actually connected?	1 ^{(7),en}			
this production is commingled w COMPLETION DATA	ith that from any other lease or pool,	give commingling order numbe	пNone			
Designate Type of Completi	on - (X)	New Well Workover Dear	Plug Eock So	me Sesty. Diff. Sest		
Dete Spedded	Date Compl. Ready to Prod.	X Total Depth	P.B.T.D.	i		
10-7-76 Elevotions (DF, RKB, KT, GR, etc.)	Nome of Producing Formation	GO75 Top Oil/Ges Pay	Tubing Depth	35'		
6559 GL	Mesaverde	5820		200'		
Ferfcrotions 5820" - 6020"		·	Depth Cosing S 60	17 2 '		
HOLE SIZE	TUEING, CASING, AN	D CEMENTING RECORD	SACK	SCEMENT		
12-1/4"	. 9-5/8"	218'	225	5 CEMENT		
8-3/4"	7"	36831	225			
6-1/4"	4-1/2"	6072'	325			
TEST DATA AND REQUEST F	OR ALLOWABLE (Test pust be a colle for this d	efter recovery of total velume of lo epth or be for full 24 hours) Freducing Method (Flow, pump,		to or exceed top eller		
Length of Test	Tubing Pressure	Cosing Picesure		<u>[0]</u>		
Actual Fred, During Test	O(1-35)s.	Weter-Bble.	Gen MAR 25	197		
			OIL DIS	. CON		
GAS WELL	······································					
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Testing Liethed (pitos, tack pr.)	Tuting Pressure (Ebst-in)	None Costag Freesure (Shot-iz)	Chole Size			
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ommission have been compiled	regulations of the Oil Conservation with and that the information given		25 1977			
bove is true and complete to th	e best of my knowledge and belief.	BYSUFERVISOR	LIST. #1			
() () ()						
J-Xcon Jo	DeLasso Loos	If this is a request for	This form is to be filed in compliance with AULE 1104. If this is a request for slloweble for a newly drilled or deepens			
	wint ou dont	well, this form must be acc tests taken on the well in	compenied by a tabule accordence with RUI	tion of the deviation LE 111.		
	erintendent	All sections of this for shie on new and recomplet		completely for alles		
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	NEW	MEXICO OIL CONSE	RVATION COMMISSION		30-103	245 -234
SANTA FE	A				Revised 1-1-65	; ;
FILE					SA, Indicate	Type of Lease
U.S.G.S.	2-1				STATE] +11 X
LAND OFFICE						Gas Lease No.
OPERATOR					in order of	Ges Lease M.
						<u>IIIIIIIII</u>
APPLICATIC 18. Type of Work	IN FOR PERMIT TO	DRILL, DEEPEN,	UR PLUG BACK		7. Unit Agree	
		DEEPEN	ԲԷՍց թ		Northeas	st Blanco Uni it #1. Sec. 9
b. Type of Well - DRILL X	•		SINGLE MULT		i i i i i i i i i i i i i i i i i i i	st Blanco Uni
2. Name of Operator					9, Well No.	204
Blackwood & Nich 3. Address of Operator	ols Co., Ltd.				10. Field and	Pool, or Wildcat
P. O. Box 1237,	Durango, Colora	do 81301			1	os Pinos PC
4. Location of Well UNIT LETT			LET FROM THE SOUT	h LINE	tuun	mmm
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6546' GL	<u> </u>	<u>_</u>	Unknown		May	30, 1979
23.	F	ROPOSED CASING AND	CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF	CEMENT	EST. TOP
13-3/4"	9-5/8"	36.00#	250'	20	0 Sx	Circulate
7-7/8"	4-1/2"	10.50#	3690'	17	5 S x ∙	2000'
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We propose to per gallons water wit Lewis 3610'. A 3 out preventer equ lines will be use A mud of sufficie Blow out prevente	h 140,000 lbs. 000 PSI WP; Ser ipped with blir d. ent weight to co ers will be test APPROV FOR 90 D DRILLING (sand in one statices 10" - 900 ad and necessary ontrol the Frui ted every trip. AL VALID AYS UNLESS COMMENCED,	age. Fruitland adapted to Serie y pipe rams with	3060', s 10" - adequa	Pictured 600 hydr te kill a used.	Cliffs 3396 raulic blow and bleed off R251979 CON. COM.
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NEW ME CO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

AZTEC DISTRICT OFFICE

April 30, 1979

1000 RIO BRAZOS POAD AZTEC, NEW MEXICO 87410 (505) 334-6178

BRUCE KING LARRY KEHOE SECRETARY

> Blackwood & Nichols Co., Ltd. P. O. Box 1237 Durango, CO 80301

> > NWU 3-801

SUBJECT: NON-STANDARD GAS PRORATION UNIT CONSISTING OF 185.68 ACRES IN THESouth Los Pinos Fruitland-Pictured Cliffs ext. GAS POOL DESCRIBED AS FOLLOWS:

TOWNSHIP	31	NORTH.	RANGE	7	WEST,	NMPM
SECTION:	1			S₩	/4	•

By authority granted me by Rule 5 (B) of Order R-1670, as amended, the abovedescribed acreage has been approved as a non-standard gas proration unit to Northeast Blanco Unit be dedicated to the

204 well no. , located 830/s; 990/w of said Section

endrich Supervisor, District #3

xc: Oll Conservation Division Santa Fe, New Mexico
(4:6754)

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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Compission not later than 20 days after the completion of any newly dilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests con-ducted, including drill stem_tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in multiplicate exception state land, where six copies are required. See Bule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

	3	Southeastern New Mexic) .	Northweste	m New Mexi	
т.	Anhy	T. Canyon	T.	Ojo Alamo 2280	_ T. Penn.	"B"
т.	Balt	T. Strawn		Kirtland-Fruitland 2420	T. Penn.	"C"
B.	Salt	T. Atoke	T.	Pictured Cliffs 3472	T. Penn	"D"
Τ.	Yales		r.	Cliff House	_ T. Leady	ville
T.	7 Rivers	T. Devonian	T.	Menefee	T. Madis	on
Т.	Queen	T. Silurian	T.	Point Lookout	T. Elber	t
T.	Grayburg	T. Montoya	T.	Mancos	T. McCri	scken
т.	San Andres	T. Simpson		Gallup	T. Ignac	io Qtzte
Т.	Glorieta	T. McKee	Ba	se Greenhorn	T. Grani	ie
Т.	Pøddock	T. Ellenburge	r T.	Dakota	T	
Т.	Blinebry	T. Gr. Wash_		Morrison	Т	
т.	Tubb	T. Granite	T.	Todilto	T	·
Ť.	Drinkard	T. Delaware	Sand T.	Entrada	T	
Т.	A50	T. Bone Sprir	gs T.	Wingste	T	
T.	Welfcamp	T		Chinl e	Т	
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FILE 1		AND	Effective 1-1-65
U.S.G.S.	AUTHORIZATION TO TR	ANSPORT OIL AND NATURAL G	AS
LAND OFFICE			
TRANSPORTER GAS /			
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PHORATION OFFICE	-1		•
Operator	_		
Blackwood & Nichols			
P. O. BOX 1237, Du Reason(s) for filing (Check proper 5	urango, Colorado 81301		
New Well	Change in Transporter of:	Other (Please explain)	
Recompletion	Oti Dry G	ios	
Change in Ownership	Casinghead Gas Conde		
If change of ownership give name and address of previous owner	•		· · · · · · · · · · · · · · · · · · ·
DESCRIPTION OF WELL AN	n i fase	-	
Lease Name	Well No. Pool Name, Including F	Formation Kind of Lease	Lease N
Northeast Blanco Unit	t 204 South Los Pino	os PC - Fruitland State, Federal	or Fee Fee
Location			
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	Township Runge	, NMPM, San Ju	an Count
	RTER OF OIL AND NATURAL GA		
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Inland Corporation	Casinghead Gas or Dry Gas X	P. O. Box 1528 Farmingte Address (Give address to which approve	d copy of this form is to be cont
Northwest Pipeline		P. O. Box 90, Farmington	
	Unit Sec. Twp. P.ge.	Is gas actually connected? When	
If well moduces off or liquide		The designment of the second s	
If well produces off or liquids, give location of tanks, If this production is commingled of <u>COMPLETION DATA</u> Designate Type of Complet	with that from any other lease or cool,	NO give commingling order number:	Plug Back Same Restv. Diff. Re
give location of tarks, If this production is commingled COMPLETION DATA	with that from any other lease or gool, tion - (X) Oil Well Gas Well X Date Compl. Ready to Prod.	NO give commingling order number: New Well Workover Deepen X Total Depth	і і Р.В.Т.D.
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Page 2 of 6 Examiner Hearing - Wednesday - March 11, 1981

CASE 7185: Application of El Paso Exploration Company for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Blanco Mesaverde and Basin-Dakota production in the wellbore of its Turner Hughes Well No. 17 located in Unit H of Section 10, Township 27 North, Range 9 West.

CASE 7161: (Continued from February 25, 1981, Examiner Hearing)

Application of John Yuronka for four compulsory poolings, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Langlie Mattix Pool underlying the four 40-acre proration units comprising the SW/4 of Section 31, Township 22 South, Range 37 East, to be dedicated to wells to be drilled at standard locations thereon. Also to be considered will be the cost of drilling and completing said wells and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a charge for risk involved in drilling said wells.

CASE 7164: (Continued from February 25, 1981, Examiner Hearing)

Application of ARCO Oil and Cas Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Devonian and Ellenburger formations, Custer Field, underlying the N/2 of Section 6, Township 25 South, Range 37 Easi, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

CASE 7165: (Continued from February 25, 1981, Examiner Hearing)

Application of ARCO Oil and Gas Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Langley-Ellenburger Pool underlying the N/2 of Section 33, Township 22 South, Range 36 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

CASE 7175: (Continued from February 25, 1981, Examiner Hearing)

Application of Conoco Inc. for compulsory pooling and a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp-Ellenburger formations underlying the S/2 of Section 19, Township 25 South, Range 37 East, to be dedicated to a well to be drilled at a standard location and dually completed in the Devonian and Ellenburger formations. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

CASE 7186: Application of Sun Texas Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Devonian formation in the interval from 10,856 feet to 11,370 feet in its State C Account 1 Well No. 3 in Unit L of Section 2, Township 12 South, Range 33 East, Bagley Siluro-Devonian Pool.

CASE 7187:

Application of Blackwood & Nichols Co., Ltd. for four non-standard proration units, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval of the following four Fruitland and Pictured Cliffs non-standard gas proration units: a 185.68-acre unit comprising the SW/4 of Section 1, Township 31 North, Range 7 West; a 181.4-acre unit comprising the SE/4 of said Section 1; a 176.68-acre unit comprising the SW/4 of Section 6, Township 31 North, Range 6 West; and a 175.21-acre unit comprising the SE/4 of said Section 6. All units are to be dedicated to wells drilled at standard locations thereon.

CASE 7188: Application of Blackwood & Nichols Co., Ltd. for directional drilling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to directionally drill its Northeast Blanco Unit Well No. 26-A, the surface location of which is 1160 feet from the North line and 60 feet from the West line of Section 8, Township 30 North, Range 7 West, and directionally drill said well in such a manner as to bottom it in the Mesaverde formation within 100 feet of a point 1190 feet from the North line and 790 feet from the West line of said Section 8, the W/2 of the section to be dedicated to the well; applicant further seeks authority to drill its Northeast Blanco Unit Well No. 32-A, the surface location of which is 1450 feet from the North line and 990 feet from the East line of Section 7, Township 30 North, Range 7 West, and directionally drill said well in such a manner as to bottom it in the Mesaverde formation within 100 feet of a point 1850 feet from the South line and 990 feet from the East line of said Section 7, the E/2 of the section to be dedicated to the well.

CAMPBELL, BYRD & BLACK, P.A. LAWYERS

JACK M. CAMPBELL HARL D. BYRD BRUCE D. BLACK MICHAEL B. CAMPBELL WILLIAM F. CARR BRADFORD C. BERGE WILLIAM G. WARDLE

JEFFERSON PLACE SUITE F. IIO NORTH GUADALUPE POST OFFICE BOX 2208 SANTA FE. NEW MEXICO 87501 TELEPHONE: (505) 988-4421 TELECOPIER: (505) 983-6043

Case 7187

February 19, 1981

Mr. Joe D. Ramey Director Oil Conservation Division New Mexico Department of Energy and Minerals Post Office Box 2088 Santa Fe, New Mexico 87501

Re: Application of Blackwood & Nichols Co., Ltd. for Approval of Non-Standard Proration Units, San Juan County, New Mexico

Dear Mr. Ramey:

Enclosed in triplicate is the application of Blackwood & Nichols Co., Ltd. in the above-referenced matter.

The applicant requests that this matter be included on the docket for the examiner hearing scheduled to be held on March 11, 1981.

Very truly yours

William F. Carr

WFC:lr

Enclosures

cc: Mr. Charles Blackwood Mr. Delasso Loos

BEFORE THE

OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY AND MINERALS

IN THE MATTER OF THE APPLICATION OF BLACKWOOD & NICHOLS CO., LTD. FOR NON-STANDARD PRORATION U" _____ SAN JUAN COUNTY, NEW MEXICO.

CASE 7/87

APPLICATION

Comes now Blackwood & Nichols Co., Ltd., by its undersigned attorneys, and hereby applies to the New Mexico Oil Conservation Division for approval of six non-standard gas proration units, San Juan County, New Mexico and in support of its application states:

 Applicant is the operator of the S/2 of Section 1,
 Township 31 North, Range 7 West, N.M.P.M., San Juan County, New Mexico, which, due to survey variations, contains a total of 367.08 acres.

2. Applicant seeks the establishment of a 367.08 acre non-standand gas proration unit in the Mesaverde formation to be comprised of the S/2 of said Section 1 to be dedicated to its Northeast Blanco Unit Well No. 63 located 1100 feet from the south line and 990 feet from the west line of said Section 1.

3. Applicant also seeks the establishment of a 185.68 acre non-standard gas proration unit in the Fruitland and Pictured Cliffs formations to be comprised of the southwest quarter of said Section 1 to be dedicated to its Northeast Blanco Unit Well No. 204 located 830 feet from the south line and 990 feet from the west line of said Section 1.

4. Applicant also seeks the establishment of a 181.4 acre non-standard gas proration unit in the Fruitland and Pictured Cliffs formations to be comprised of the southeast quarter of said Section 1 to dedicated to a well to be drilled at a standard location in the southeast quarter of said Section 1.

5. Applicant further states that it is the operator of the S/2 of Section 6, Township 31 North, Range 6 West, N.M.P.M., San Juan County, New Mexico, which, due to survey variations, contains 351.89 acres.

6. Applicant seeks the establishment of a 351.89 acre non-standard gas proration unit in the Mesaverde formation to be comprised of the S/2 of said Section 1 to be dedicated to a well to be drilled at a standard location in the S/2 of said Section 6.

7. Applicant further seeks the establishment of a 176.68 acre non-standard gas proration unit in the Fruitland and Pictured Cliffs formations to be comprised of the southwest quarter of said Section 6 to be dedicated to its Northeast Blanco Unit Well No. 209 located 1800 feet from the south line and 840 feet from the west line of said Section 6.

8. Applicant also seeks the establishment of a 175.21 acre non-standard gas proration unit in the Fruitland and Pictured Cliffs formations to be comprised of the southeast quarter of said Section 6 to be dedicated to a well to be drilled at a standard location in the southeast quarter of said Section 6.

9. Granting the application and drilling of the proposed wells will be in the best interest of conservation, the

prevention of waste and the protection of correlative rights.

WHEREFORE, Applicant respectfully requests that this matter be set for hearing before one of the Division's duly appointed examiners on March 11, 1981 and, that after notice of hearing as required by law, the Division enter its order approving the application.

Respectfully submitted,

CAMPBELL, BYRD AND BLACK, P.A.

By

William F. Carr Post Office Box 2208 Santa Fe, New Mexico 87501 Attorneys for Applicant

BEFORE THE

OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY AND MINERALS

IN THE MATTER OF THE APPLICATION OF BLACKWOOD & NICHOLS CO., LTD. FOR NON-STANDARD PRORATION UNITS SAN JUAN COUNTY, NEW MEXICO.

CASE 7/87

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> Respectfully submitted, CAMPBELL, BYRD AND BLACK, P.A.

Вy William Carr

Post Office Box 2208 Santa Fe, New Mexico 87501 Attorneys for Applicant

BEFORE THE

OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY AND MINERALS

IN THE MATTER OF THE APPLICATION OF BLACKWOOD & NICHOLS CO., LTD. FOR NON-STANDARD PRORATION UNITS SAN JUAN COUNTY, NEW MEXICO.

CASE 7/87

APPLICATION

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> Respectfully submitted, CAMPBELL, BYRD AND BLACK, P.A.

Bу William F. Carr

Post Office Box 2208 Santa Fe, New Mexico 87501 Attorneys for Applicant

DRAFT dr/	STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION
	IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:
	CASE NO. 7187
	Order No. R- 6635
1 2	APPLICATION OF BLACKWOOD & NICHOLS CO., ITD. FOUR FOR #/NON-STANDARD PRORATION UNITS
	SAN JUAN COUNTY, NEW MEXICO.
J.	ORDER OF THE DIVISION
RT	BY THE DIVISION:
V	This cause came on for hearing at 9 a.m. on <u>March 11</u>
	19 81, at Santa Fe, New Mexico, before Examiner Richard L. Stamets
	NOW, on this day of March , 1981 , the Division
	Director, having considered the testimony, the record, and the
	recommendations of the Examiner, and being fully advised in the
	premises,
	FINDS:
and a state of the	(1) That due public notice having been given as required by
	law, the Division has jurisdiction of this cause and the subject
	matter thereof.
	(2) That the applicant, Blackwood & Nichols Co., Ltd. the following four Fruitland and Pictured Cliffs seeks approval of xacrex non-standard gas proration unit st
••• •	a 185.68-acre unit comprising the SW/4 of Section 1, Township 31
See An	North, Range 7 West; a 181.4-acre unit comprising the SE/4 of
av a	said Section 1; a 176.68-acre unit comprising the SW/4 of
	Section 6, Township 31 North, Range 6 West; and a 175.21-acre
	unit comprising the SE/4 of said Section 6, All units to be
	dedicated to wells drilled at standard locations thereon.

aforesaid welk.

(4) That approval of the subject application will afford the applicant the opportunity to produce his just and equitable share of the gas in the *Angle Fru*. *Henc and Return & Cliffs formation's under each of the proposed non-Standard Protection Units* **Gas Pool**, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

~2-

ruilland and Pictured Cliffs four (1) That a **acces non-standard gas proration units San Juan County, in the Cod, /comprisingxthexx are whereby established and dedicated koxits as follows:

a 185.68-acre unit comprising the SW/4 of Section 1, Township 31 North, Range 7 West; a 181.4-acre unit comprising the SE/4 of said Section 1; a 176.68-acre unit comprising the SW/4 of Section 6, Township 31 North, Range 6 West; and a 175.21-acre unit comprising the SE/4 of said Section 6, All units are to be dedicated to wells Arithmed at standard locations thereon.