<u>CASE 2770:</u> Application of EL PASO NATURAL GAS CO. for permission to conduct certain special well tests.



GOVERNOR JACK M. CAMPBELL CHAIRMAN

State of New Mexico Bil Conservation Commission



STATE GEOLOGIST A. L. PORTER, JR. RECRETARY - DIPECTOR

April 1, 1963

SANTA FE

Mr. Garrett Whitworth El Paso Natural Gas Company Post Office Box 1492 El Paso, Texas Re: Case No. 2770 Order No. R-2460 Applicant:

EL PASO NATURAL GAS COMPANY

Dear Sir:

LAND COMMISSIONER

E. S. JOHNNY WALKER

MEMBER

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

Very truly yours, ter

A. L. PORTER, Jr. Secretary-Director

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Carbon copy of order also sent to:

Hobbs OCC X

Artesia OCC_____

Astec OCC X

OTHER_____

No. 8-63

DOCKET: EXAMINER HEARING - THURSDAY - MARCH 7, 1963

9 A. M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Elvis A. Utz, as alternate examiner:

CASE 2763: (Continued)

Application of Sunray DX Oil Company for the creation of a Strawn Gas Pool and for Special Temporary Pool Rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Strawn Gas Pool for its New Mexico State "AH" Well No. 1, located in Unit K of Section 30, Township 18 South, Range 23 East, Eddy County, New Mexico, and the establishment of temporary pool rules therefor, including a provision for 640-acre proration units.

CASE 2766: Application of Tom Brown Drilling Company, Inc., for a unit agreement, Eddy County, New Mexico. Applicant, in the abovestyled cause, seeks approval of the Siegrest Draw Unit Area, comprising 7,578 acres, more or less, of State and fee lands in Township 19 South, Range 23 East, Eddy County, New Mexico.

CASE 2767: Application of Tom Brown Drilling Company, Inc., for a unit agreement, Eddy County, New Mexico. Applicant, in the abovestyled cause, seeks approval of the Antelope Sink Unit Area, comprising 7,561 acres, more - less, of State and fee lands in Township 19 South, Ranges 3 and 24 East, Eddy County, New Mexico.

CASE 2768: Application of Ernest A. Hanson and Harold Kersey for special nomenclature, Eddy County, New Mexico. Applicants, in the above-styled cause, seek an order extending the vertical limits of that portion of the Red Lake (Grayburg-San Andres) Pool underlying the NW/4 of Section 14, Township 17 South, Range 28 East, Eddy County, New Mexico, to include therein the Queen formation.

CASE 2769: Application of Cities Service Oil Company for three water injection wells, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks authority to convert the Pure State No. 1 and the Gulf State Well No. 1 located in Units D and P, respectively, of Section 16, Township 14 South, Range 31 East, Chaves County, New Mexico, to water injection, offsetting Phillips Petroleum Company's West Cap Waterflood Project. Applicant further seeks authority to árill an additional water injection well at the southwest corner of Unit K of said Section 16. -2-Docket No. 8-63

CASE 2770:

Application of El Paso Natural Gas Company for permission to conduct certain special well tests, San Juan and Rio Arriba Counties, New Mexico. Applicant, in the above-styled cause, seeks authority to conduct maximum pressure build-up tests on 27 wells in the Blanco-Mesaverde, Basin-Dakota, Aztec-Pictured Cliffs, Ballard-Pictured Cliffs, and South Blanco-Pictured Cliffs Gas Pools, San Juan and Rio Arriba Counties, New Mexico. Applicant further seeks exception to the annual well-testing requirements of Order R-333-F for said wells during the testing period, as well as exception to the underage and overage balancing requirements of Order R-1670. Further, applicant seeks authority to transfer said wells' allowables to other wells on the same basic lease for production. Applicant also seeks an administrative procedure for the designation of such substitute wells for testing as may be deemed necessary.

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TEST WELL DATA BLANCO MESAVERDE Pool

Date Jan. 7, 1963

TEST WELL: Operator:	El Paso Natural C	as Company	Well Name &	No. Atlantic #5-	Α
Location 1650 fr.	<u>S</u>	W_lines,	Sec2	<u>6 T. 31 N., R.</u>	0W
TD:5464	Casing:	7"@4711	Tub	ing:2"@5331	
Completed:	January 30, 1953	First 1	Delivery:	March 30, 1953	
Pay Zone: Open Hole Inter	val: 4730-5464	0	r Perforations:		· · · · · · · · · · · · · · · · · · ·
Stimulation: Shot w/1395	o qts. SNG 4794-546	94	· · · · · · · · · · · · · · · · · · ·	•	
SIPC: 1073	SIPT:	1073		DAYS SI:3	-
I.P. Test: 3870	MCF, 3 hrs.	Chok	e:	MCF AOF thru tu	bing or casing
Current Deliverability:	344	MCF	, Date Tested:	1962	

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Atlantic #1-A	H-27-31-10	168	1962
Atlantic #9-A	N-27-31-10	2924	1962
Atlantic #2-A	A-28-31-10	320	1962
Atlantic #3-A	M-28-31-10	711	1962

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BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
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CASE NO. 21/10

	BLANCO MV	
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EPNG PRESSURE BUILD-UP TEST				
TEST WELL DATA BLANCO MESAVERDE Pool				
Date Jan. 7, 1963				
TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. <u>Atlantic #8-A</u>				
Location 990 fr. N , 987 fr. E lines, A Sec. 29 T. 31 N., R. 11 W				
TD: 5145 Casing: 7" @ 4310 Tubing: 2" @ 5042				
Completed: June 6, 1955 First Delivery:June 27, 1955				
Pay Zone: Open Hole Interval: 4358-5075 or Perforations:				
Stimulation: Sand-oil frac.				
SIPC: 1030 SIPT: 1034 DAYS SI: 11				
I.P. Test: MCF AOF thru tubing or casing				
Current Deliverability: 833 MCF, Date Tested: 1962				

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Atlantic #7-A	K - 29-31-10	ó88	1962

SAN JUAN COUNTY, NEW MEXICO BLANCO MV TOWNSHIP <u>31-N</u> RANGE <u>10-W</u>

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	TEST WELL DATA	A Blanco	Mesa Verde,	Pool	•
				Date	Feb. 5, 1963
TEST WELL: Operator	El Paso Natural	Gas Company	Well Name &	No. Barnes #7	:
Location 1632 fr	, <u>1500</u> fr.	W_lines,_	_KSec. 2	<u>3</u> T. <u>32</u> N., R.	<u>11</u> W
TD:5511	Casing:_7	"@ 4823	Tub	ing: 2" @ 5436	
Completed: Octo	ber 21, 1954	First	Delivery:	October 25, 1954	<u></u>
Pay Zone: Open Hole Int	terval: 4880-551	.1	or Perforations:		
Stimulation: Sand Oi	il Frac	• • • • • • • • • • • • • • • • • • • •		·	
SIPC:1047	SIP	T:1048		DAYS SI:9_	
I.P. Test: 5190	MCF, 3 h	rsCho	ke:	MCF AOF thru tu	bing or casing
Current Deliverability:	902	МС	F, Date Tested	1962	
	WE	LLS ON SAME	BASIC LEASE		

Name	Location	Deliverability	Date of Test

None

BLANCO MV

TOWNSHIP 32.N RANGE 11-W

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TEST WELL DATA BLANCO MESAVERDE Pool

Date Jan. 7, 1963

TEST WELL: Operator:	El Paso Natural G	as Company Well Nam	ne & No. Barrett #2	
Location 790 fr.	<u>N</u> , <u>1750</u> fr	E_lines, B_Se	c. <u>19</u> T. <u>31</u> N., I	R. <u>9</u> ₩
TD:5740	Casing:	7" @ 5081	Tubing: 2" @ 5652	
Completed:	April 1, 1954	First Delivery:	April 6, 1954	
Pay Zone: Open Hole Inter	val:5122-5740	or Perforati	ons:	
Stimulation:	Sand-oil frac.	······································	:	
SIPC:1015	SIPT:	1014	DAYS SI:	7
I.P. Test: 5100	MCF, 3 hrs.	Choke:	MCF AOF thru t	ubing or casing
Current Deliverability:	1390	MCF, Date Te	sted: 1962	

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Barrett #3	K-20-31-9	862	1962
Barrett #4	A-20-31-9	229	1962

SAN JUAN	COUNTY, NEW MEXICO
	BLANCO MV
	

TOWNSHIP 31-N RANGE 9-W

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TEST WELL DATA BLANCO MESAVERDE Pool

Date Jan. 7, 1963

TEST WELL: Operat	or: El Paso Natural Gas	Company Well Na	me & No. <u>Gartner #</u>	2
Location_1650	fr. <u>N</u> , <u>1500</u> fr. <u>E</u>	lines, <u> </u>	Sec. <u>28</u> T. <u>30</u> N.,	R. <u>8</u> W
TD:5361	Casing:7'	'@ 4528		<u></u>
Completed: Octo	ober 10, 1951	First Delivery	March 24, 1952	
Pay Zone: Open Hole	Interval: 4555-5361	or Perform	itions:	
Stimulation:	Shot		·	
SIPC: 975	SIPT: 10)24	DAYS SI:	3
I.P. Test:464	40MCF, 3 hrs	Choke:	MCF AOF thru	tubing or casing
Current Deliverability	y:1917	MCF, Date 1	'ested: 1962	

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Gartner #1	N-28-30-8	1957	1962
Gartner #3	N-33-30-8	2211	1962
Gartner #4	H-33-30-8	1464	1961
Gartner #5	M-27-30-8	1427	1962
Gartner #8	A-26-30-8	3148	1962

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BLANCO MV

TOWNSHIP 30-N RANGE 8-W

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TEST WELL DATA BLANCO MESAVERDE Pool

Date Jan. 7, 1963

TEST WELL: Operator:	El Paso Natural Gas	Company _Well I	Name & No. Hughes #3	·
Location 970 fr.	<u>N</u> , <u>990</u> fr. <u>E</u>	lines, D	Sec.20T.29N., R	. <u>8</u> W
TD:5505	Casing: 7" @ 5	146	Tubing: 2" @ 5240	
Completed: July 1, 1952		First Deliver	ry:May 20, 1953	
Pay Zone: Open Hole Interv	al: 4670-5402	or Perfo	rations:	
Stimulation: Shot w/1660 q	ts. SNG 4673-5453		··· •	
SIPC:1085	SIPT:	1085	DAYS SI:	7
I.P. Test: 4380	MCF, 3 hrs.	Choke:	MCF AOF tiru ti	ibing or casing
Current Deliverability:	749	MCF, Date	Tested: 1962	

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Hughes #2	۸-19-29-8	174	1962
Hughes #4	M-20-29-8	562	1962
Hughes ≇5	N-21-29-8	233	1962
Hughes ≢6	G-21-29-8	288	1962
Hughes #7	M-29-29-8	222	1962
Hughes #8	H-29-29-8	293	1962

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BLANCO MV

TOWNSHIP 29-N RANGE 8.W

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TEST WELL DATA BLANCO MESAVERDE, Pool

Date Jan. 7, 1963

TEST WELL: Operator:	El Paso Natural Ga	is Company	Well Name	& No	Lucerne #A	-2	
Location_890 fr	N , <u>1650</u> fr	Elines,	BSec.	<u>9</u> T.	<u>31</u> N., R	10	w
TD:5360	Casing:	7" @ 4655	T	ubing:	2"@ 5271		
Completed: September 16	, 1954	First	Delivery:	Octobe	r 18, 1954		
Pay Zone: Open Hole Inter	val: 4670-5360	0	r Perforation	ns:			
Stimulation:	Sand-oil frac.						
SIPC: 1010	SIPT:	1006		D	AYS SI: 7	· · ·	
I.P. Test: 3848	MCF, 3 hrs.	Chok	:e:	MCF	AOF thru tu	bing or	casing
Current Deliverability:	590	MCF	7, Date Teste	ed:	1962		

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Lucerne #3-A	M- 3-31-10	905	1962
Lucerne #4-A	H- 10-31-10	593	1962

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BLANCO MV

TOWNSHIP 31-N RANGE 10-W



••	TEST WELL DATA	BLANCO MES	AVERDE	Pool	
				Date	Jan. 7, 1963
TEST WELL: Operator:	El Paso Natural G	as Company	Well Name & I	(SJU 30-6) No. <u>McElvain</u>	
Location 1190 fr.	<u>N</u> , <u>1190</u> fr	E lines,	ASec23	T. <u>30</u> N.,	R. 7 W
TD:5485	Casing:	5"@ 4792	Tubi	ng:2" @ 5460	
Completed:	April 2, 1953	First D	elivery: A	ugust 11, 1953	
Pay Zone: Open Hole Inte	erval: 4914-5485	or	Perforations:		
Stimulation: Shot w/500) qts. SNG 5150-5485	5	·	: 	-
SIPC: 1127	SIPT:	1126		DAYS SI:	11
I.P. Test: 3780	MCF, 3 hrs.	Choke	:]	MCF AOF thru	tubing or casing
Current Deliverability:	1180	MCF,	Date Tested:	1962	

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
McElvain #2-A	K - 23 - 30 - 7	267	1962
#3-A	H-24-30-7	190	1962
#4-A	K-24-30-7	266	1962
#5-A	A-25-30-7	190	1962
#6-A	L-25-30-7	287	1962

RIO ARRIBA COUNTY, NEW MEXICO

BLANCO MV

TOWNSHIP 30-N RANGE 7-W

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TEST WELL DATA BLANCO MESAVERDE

Date Jan. 7, 1963

Pool

TEST WELL: Operator: EI F	aso Natural Ga	s Company	Well Name &	No	Riddle #2		
Location_1650 frS	, <u>990</u> fr	W_lines,	LSec3	3T	<u>30 </u> N., R.	9	W
TD: 5203	_Casing:	7" @ 4507	Tub	oing:	2" @ 5190		
Completed: July 16, 1953		First D	elivery:	August	13, 1953		
Pay Zone: Open Hole Interval:	4531-5171	or	Perforations:				
Stimulation: Shot w/1615 qts.	SNG 4553-5203		•		:		
SIPC:1074	SIPT:	1074		DA	YS SI:	22	
I.P. Test: 2986	_MCF, 3 hrs	Choke	:	_MCF /	AOF thru tul	bing or ca	sing
Current Deliverability: 385		MCF,	Date Tested	1962	2		

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
H. K. Riddle #1	D-4-30-9	1755	1962

BLANCO MV TOWNSHIP <u>30-N</u> RANGE <u>9-W</u>



EPNG PRESSURE BUILD-UP TEST							
	TEST V	VELL DATA	Blanco Mesa Ve	erde	Pool		
					Date	Feb. 5, 1963	
TEST WELL:	Operator: E1 P	aso Natural Gas (Company Well N	ame & No. S	chwerdtfe	eger #1	
Location 990	frW	, <u>990</u> fr. S	lines, M	Sec. 27 T. 31	L_N., R	. <u>9</u> W	
TD:	5350	Casing: 5-1/2"	@ 4410	Tubing:2''	@ 5250		
Completed:	May 31, 195	2	First Delivery	August 3,	1952		
Pay Zone: Op-	a Hole Interval:	4644-5334	cr Ferfor	ations:			
Stimulation:	Shot w/1680 qts.	SNG 4634-5344			•		
SPC:	1067	SPT:	4	DAY	s si ³⁶		
I.P. Test:	7920	MCF, 3 hrs.	Choke:	MCF AC	OF thru ti	ibing or casing	
Current Delive	erability:156	6	MCF, Date '	Tested:1962	·······		

WELLS ON SAME BASIC LEASE

Name

Location

Deliverability

Date of Test

None

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	TEST WELL DATA	BLANCO MESAVERI	DE Pool	
	_		Date_Ja	n. 7, 1963
TEST WELL: Operator:	El Paso Natural Ga	s Company Well Nan	ne & No SJU 28-6 #3	57
Location 1650 fr.		M_lines, <u>K</u> Se	c. <u>6</u> T. <u>27</u> N. , R	. <u>6</u> W
TD: 5165	Casing:S	5-1/2" @ 5165	Tubing: 2"@ 5062	
Completed:	October 21, 1955	First Delivery:	December 8, 1955	
Pay Zone: Open Hole Inte	erval:	or Perforati	ons: 4454-5143	
Stimulation:	Sand-water frac.		· · · · · · · · · · · · · · · · · · ·	
SIPC: 1095	SIPT:	1092	DAYS SI:	9
I.P. Test: 4742	MCF, 3 hrs	Choke:	MCF AOF thru u	bing or casing
Current Deliverability:	461	MCF, Date Te	sted: 1962	

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
SJU 28~6 #39	N-5-27-6	277	1962
SJU 28-6 #43	A-7-27-6	231	1962
SJU 28-6 #54	N-7-27-6	459	1962
SJU 28-6 #22	H-8-27-6	164	1962

RIO ARRIBA COUNTY, NEW MEXICO

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BLANCO MV

TOWNSHIP 27-N RANGE 6-W



TEST WELL DATA Basin Dakota Pool

Date Feb. 5, 1963

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TEST WEI	LL: Operat	tor: El Pa	aso Natural (Gas Cor	npany W	ell Name 8	No. A	llison Ur	nit No. 1	
Location	1980	fr. <u>N</u>	, <u>660</u> fr	<u>w</u> 1	ines, <u>E</u>	Sec.	<u>17</u> T. <u>3</u>	<u>2</u> N.,	R. <u>6</u>	w
TD:	8660		_Casing:	7930		Tu	bing: <u>8</u>	022		
Completed	: 8/30/54	Reworked 2	2/13/59		_First Deli	ivery:	2/2/55			
Pay Zone:	Open Hole	Interval:	7930-808	4	or Pe	erforations				
Stimulation	n:	Sand-	Oil Frac		·					
SIPC:	2897		SIPT	• •	28	369	DAY	YS SI:	14	
I.P. Test:	2326		MCF, 3 hrs	. 3/4"	Choke:		_MCF A	OF thru	tubing or	casin
Current Do	eliverabilit	y: <u>449</u>			MCF, E	ate Teste	1:1	962		

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Allison Unit #20	L-18-32-6	1397	1962
Allison Unit #23-X	M-19-32-6	679	1962

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TEST WELL DATA	Basin Dakota	Pool

Date Feb. 5, 1963

TEST WEL	L: Operato	or: <u>El P</u>	aso Natural Ga	as Company	Well Name	& No	Jicarilla 6	7-10	
Location	990	fr, <u>S</u>	, <u>990</u> fr.	W lines,	M Sec.	<u>30</u> T.	25 _{N.} ,	R. 5	w
TD:	7181		_Casing:	5-1/2'' @ 717	7'T	ubing:	2'' @ 7015	\$	
Completed:	1/20/60			First	Delivery:	4/4/60	<u></u>		
Pay Zone:	Open Hole	Interval:		0	r Perforation	ls: 6846	-7004		
Stimulation	·	Sand-	Oil Frac						
SPC:	2147		SIPT:		2147	DA	AYS SI:	10	
I.P. Test:_	3570	·····	MCF, Shrs.	3/4" Chok	e;4002	MCF	AOF thru	tubing or	casing
Current De	liverability	. 567		MCI	7, Date Teste	ed:	1962		

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Jicarilla 67-5	N-29-25-5	691	1962

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RIO ARRIBA COUNTY, NEW MEXICO

BASIN DAKOTA

TOWNSHIP - 25 - N RANGE - 5 - W

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	关 I Fed. <u> </u>	₩ 67-10	67-5
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EPNG PRESSURE BUILD-UP TEST						
;	TEST WELL DATA	Basin Dakota	Pool			
			Date	Feb. 5, 1963		
TEST WELL: Operator:_	El Paso Natural Gas	Company Well Name &	No. Lackey B-	13		
Location 1650 fr.	<u>S</u> , <u>1650</u> fr. <u>W</u>	lines, <u>K</u> Sec:	<u>20</u> T. <u>28</u> N., I	R. <u>9</u> W		
TD:	Casing:5-	1 <u>/2'@ 6680'</u> Tuł	oing:2'' @ 6545'	- 		
Completed: 9/7/60		First Delivery:	5/10/61			
Pay Zone: Open Hole Inte	rval:	or Perforations:	6412-6638			
Stimulation:	Sand Water Frac					
SIPC:2048	SIPT: 200	55	DAYS SI:	7		
I.P. Test: 5104	MCF, 3 hrs. 3/4	4'' Choke: 5969	_MCF AOF thru t	ubing or casing		
Current Deliverability:	1133	MCF, Date Tested	:1962			

WELLS	ON	SAME	BASIC	LEASE

Name	Location	Deliverability	Date of Test
Lackey B-12	N-21-28-9	1165	1962
Lackey B-14	A-30-28-9	1219	1962
Lackey B-17	O-21-28-9	430	1962

Proration Department

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BASIN DAKOTA

TOWNSHIP - 28-N RANGE - 9-W

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TEST WELL DATA Basin Dakota Pool

Date _____ Feb. 5, 1963

TEST WELL	: Operator:	El Pas	o Natural	Gas C	ompany	_Well	Name & 1	No	Miche	ener #	3	
Location	1090 fr.	<u> </u>	<u>990</u> fr.	W	_lines, _	М	Sec	5 <u>7</u> .	28	N., R	9	_w
TD:			Casing:	5-1	/2'' @ 696	1'	Tubi	ng:	2'' @	6767		
Completed:		9/7/60			First	Delive	ry: 5/	/9/61		·		
Pay Zone: O	pen Hole Inte	rval:			0	r Perfo	orations:_		6673-	6864		
Stimulation:_		Sand W	ater Frac	:		÷.						
SIPC:	2027		SIP	T:		2019		D#	AYS S	[:	Initial	
I. P. Test:	3044	N	MCF, 3 h	rs. <u>3/4</u>	"Chok	:e: <u>32</u>	85	MCF	AOF 1	hru tu	bing or	casing
Current Deli	verability:	382			MCI	7, Date	e Tested:		1962			

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
None			

	BASIN DAKOTA TOWNSHIP <u>-28 - N</u> RANGE <u>-9-W</u>					
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	LACKEY	HANCOCK	STORY	HANCOCK	WARREN	
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EPNG PRESSURE BUILD-UP TEST				
TEST W	ELL DATA	Basin Dakota	Pool	
			Date Feb. 5, 1963	
TEST WELL: Operator: El Pa	so Natural Gas Company	_Well Name & NoH	leaton #14	
Location 1550 fr. N	, <u>1550</u> fr. <u>E</u> lines,	GSec. 29_T. 3	<u>1 </u> N., R. <u>11 </u> W	
TD: 7210	Casing: 5-1/2" @ 6832'	Tubing: 2	"@ 7080	
Completed: 7/24/6	51 First l	Delivery:11/14/61		
Pay Zone: Open Hole Interval:	<u>6930-7080</u> or	Perforations:		
Stimulation: Sand V	Vater Frac			
SIPC: 2008	SIPT:5	DAY	YS SI: <u>13</u>	
I.P. Test: 2799	MCF, 3 hrs. <u>3/4"</u> Chok	e: <u>3267</u> MCF A	OF thru tubing or casing	
Current Deliverability: 379	MCF	, Date Tested: 1962		

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WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Heaton #1	A-28-31-11	545	1962
Heaton #16	L-28-31-11	97	1962

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SAN JUAN COUNTY, NEW MEXICO

BASIN DAKOTA

TOWNSHIP -31-N RANGE -11-W

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	EPNG PRESSU	RE BUILD-UP TEST	
TEST	WELL DATA	Basin Dakota	Pool
			Date Feb. 5, 1963
		4	
TEST WELL: Operator: El	Paso Natural Gas Con	mpany Well Name & No	D. Ludwick #16
Location 1810 fr. N	_, <u>1750</u> fr I	lines, <u>G</u> Sec. <u>31</u>	T. <u>30</u> N., R. <u>10</u> W
TD:	Casing:5-1/2"@	7146 Tubing	g:2'' @6970
Completed: 8/30/60		_First Delivery:	4/27/61
Pay Zone: Open Hole Interval:_	··	or Perforations:(5831-7048
Stimulation: Sand Wat	er Frac		
SIPC: 2076	SIPT:		DAYS SI: Initial
I. P. Test: 2460	MCF, 3 hrs. <u>3/4"</u>	Choke:2836M	CF AOF thru tubing or casing
Current Deliverability:	252	MCF, Date Tested:	1962

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WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Ludwick #15	A-19-30-10	456	1962
Ludwick #17	B-29-30-10	409	1962
Ludwick #20	K-29-30-10	728	1962
Ludwick #21	N-31-30-10	438	1962

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BASIN DAKOTA

TOWNSHIP -30-N RANGE -10-W

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	EPNG PRESSU	RE BUILD-UP TEST	
TEST WE	ELL DATA	Basin Dakota	Pool
			Date Feb. 5, 1963
TEST WELL: Operator:El Pas	o Natural Gas Cor	npany Well Name & No. Rin	1000 Unit #136
Location 1180 fr. N,	<u>990</u> fr. <u>E</u> 1	ines, <u>A</u> Sec. ²³ T. <u>27</u>	⁷ _N., R. <u>7</u> _W
TD:7700	Casing: <u>5"@769</u>	7'Tubing:2	2'' @ 7591'
Completed: 4/11/60		First Delivery: 5/16/60	
Pay Zone: Open Hole Interval:		or Perforations:74	14-7644
Stimulation: Sand Oil Frac	· · ·		
SIPC:2348	SIPT:	2342 DAY	25 SI:9
I.P. Test: 5251 N	MCF, 3 hrs. 3/4"	Choke: 6603 MCF A	OF thru tubing or casing
Current Deliverability: 624		MCF, Date Tested:	1962

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Rindon Unit 133	K-14-27-7	710	1962
Rincon Unit 137	K-24-27-7	609	196 2
Rincon Unit 138	A-25-27-7	1068	1962
Rincon Unit 151	B-14-27-7	733	1962
Rincon Unit 167	B-13-27-7	844	1962
Rincon Unit 177	L-13-27-7	1009	1962

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BASIN DAKOTA

TOWNSHIP -27-N RANGE -7-W



EPNG	PRESSURE BUILD-UP TEST	
TEST WELL DATA	Basin Dakota	Pool
		Date Feb. 5, 1963
TEST WELL: Operator: El Paso Natural	Gas Company Well Name & 1	No. SJ 28-5 Unit #35
Location 990 fr. S , 990 fr.	W_lines, <u>M</u> Sec. 19	T28N., R5W
TD:7951Casing:	5'' @ 7952' Tubu	ng:_2'' @ 7499'
Completed: 12/21/59	First Delivery:4/	21/60
Pay Zone: Open Hole Interval:	or Perforations:	7605-7804
Stimulation: Sand Oil Frac		
SIPC: 1021 SIPT	<u>2098</u>	
I. P. Test: 4247 MCF, 3 hrs	s. 3/4" Choke: 4687	MCF AOF thru tubing or casing
Current Deliverability: 317	MCF, Date Tested:	1962

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
SJU 28-5 #33	L-17-28-5	1067	1962
SJU 28-5 #34	M-18-28-5	1051	1962
SJU 28-5 #41	A-32-28-5	1090	1962
SJU 28-5 #42	K-31-28-5	2382	1962

Proration Department

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	TEST WELL DATA	Basin Dakota	Pool
			Date 2-5-63
TEST WELL: Operator:	El Paso Natural Gas	Company Well Name & N	o. Huerfano Unit #117
TD:6787	Casing: 5-1/2	''@ 6785' Tubin	g:2'' @ 6639'
Completed: 1/23/6	l	First Delivery:4/25	/61
Pay Zone: Open Hole Int	erval:	or Perforations:	• · ·
Stimulation: San	d Water Frac		
SIPC:774	SIPT:	882	DAYS SI: 7

 I. P. Test:
 1731
 MCF, 3 hrs.
 3/4"
 Choke:
 2226
 MCF AOF thru tubing or casing

 Current Deliverability:
 1688
 MCF, Date Tested:
 1962

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Huerfano Unit 104	P-17-26-10	1911	1962
Huerfano Unit 116	C-11-26-10	299	1962
Huerfano Unit 121	F-27-26-10	4857	1962

Proration Department

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	EPNG PRESSUR	E BUILD-UP TEST	
TI	ST WELL DATA	Basin Dakota	Pcol
			DateFeb. 5, 1963
TEST WELL: Operator:	El Paso Natural Gas Com	oany Well Name & No.	Huerfano Unit #125
Location 1700 fr.	N, <u>1040</u> frW lir	nes, <u>E</u> Sec. <u>30</u> T.	26N., R. <u>9</u> W
TD:	Casing:5-1/2"	@ 6776'Tubing:	2'' @ 6594'
Completed: 3/14/61	I	First Delivery: 4/25/6	1
Pay Zone: Open Hole Interv	al:	or Perforations:6524	4 - 6632
Stimulation:	Sand Water Frac		
SIPC: 1935	SIPT: 1891	D.	AYS SI: 42
I.P. Test: 5883	MCF, 3 hrs. <u>3/4"</u>	Choke: 7754 MCF	AOF thru tubing or casing
Current Deliverability:	136	MCF, Date Tested:	1962

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Name	Location	Deliverability	Date of Test
Huerfano Unit 111	F-20-26-9	724	1962
Huerfano Unit 120	C-25-26-10	1862	1962
Huerfano Unit 130	D-29-26-9		
Huerfano Unit 134	J-36-26-10		
Huerfano Unit 136	J-21-26-9		
Huerfano Unit 137	J-31-26-9		



TEST WELL DATA AZTEC PICTURED CLIFFS Pool

Date Jan. 7, 1963

TEST WE	LL: Operator: El F	aso Natural G	as Company	_Well Na	me & No.	Ludwick	#2	
Location_	fr	_,fr	lines,	<u> </u>	Sec. <u>19</u> I	. <u>30</u> N.,	R. <u>10</u>	w
TD:	2795	Casing:	5-1/2"@264	6	Tubing:	1" @ 270	9	
Completed	:October 10, 1951		First	Delivery	June	9, 1952		
Pay Zone:	Open Hole Interval:	2675-2795	0	r Perfora	itions:			
Stimulatio	n: Shot w/350 qts.	SNG				•		
SIPC:	653	SIPT:			[DAYS SI:	3	<u> </u>
I.P. Test:	2830	_MCF, 3 hrs.	Chok	e:	MC	F AOF thru	i tubing or	casing
Current D	eliverability: <u>200</u>		MCF	, Date I	'ested:1	962		

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Ludwick #1	E-29-30-10	264	1962
#3	O- 29-30-10	246	1962
#4	A- 31-30-10	96	1962
#5	F-31-30-10	41	1962
#6	L- 19-30-10	343	1962

SAN JUAN COUNTY, NEW MEXICO

AZTEC PC

TOWNSHIP 30-N RANGE 10-W



TEST WELL DATA BALLARD PICTURED CLIFFS Pool

Date Jan. 7, 1963

TEST WELL: Operator: ELP	aso Natural Gas Comp	any Well Name &	No. Ballard #6	
Location 1650 fr. N	, <u>990</u> fr. <u>W</u> line	es, <u>E</u> Sec. <u>1</u>	<u>4</u> T. <u>26</u> N., R.	<u> 9 </u> W
TD:2029	Casing:5-1/2" (<u>1994</u> Tub	ing: <u>1"@1996</u>	
Completed: Augu	st 15, 1954 F	irst Delivery:	<u>)ctober 1, 1954</u>	
Pay Zone: Open Hole Interval:	2000-2029	or Perforations:		
Stimulation:			•. •	
SIPC:656	SIPT:_657		DAYS SI:	
I.P. Test: <u>2774</u>	_MCF, 3 hrs	Choke:	MCF AOF thru tu	bing or casing
Current Deliverability: 416		MCF, Date Tested:	1962	

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WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Ballard #5	P- 14-26-9	177	1 962
Ballard #3	H-14 26 9	161	1962
Ballard #4	M-14-26-9	267	1962
Ballard #7	E-15-26-9	292	1962
Ballard #8	H-15-26-9	279	1962
Ballard #9	O-15-26-9	224	1962
Ballard #10	L-15-26-9	118	1962

SAN JUAN	COUNTY, NEW MEXICO
· . ·	BALLARD PC
TOWNSH	IP _ 26-N_ RANGE _ 9-W

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TEST WELL DATA BALLARD PICTURED CLIFFS Pool

Date Jan. 7, 1963

TEST WELL: Operator: El	Paso Natural Gas	Company Well 1	Name & No. Quitzau #	+3
Location 1292 fr. S	, <u>1300</u> fr. W	lines, K	Sec. <u>11</u> T. <u>25</u> N.,	R. <u>8</u> W
TD:2785	Casing: 5-	1/2" @ 2720	Tubing:1" @ 275	5
Completed: May 14, 1955		First Deliver	y:_May 28, 1955	
Pay Zone: Open Hole Interval:_	2720-2785	or Perfo	rations:	
Stimulation:San	i-oil frac.			
SIPC:593	SIPT: 59	3	DAYS SI:	9
I.P. Test: 4462	MCF, 3 hrs.	Choke: 621	7MCF AOF thru	tubing or casing
Current Deliverability: 386		MCF, Date	Tested: 1962	

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Quitzau #1	D-3-25-8	81	1962
Quitzau #2	F-11-25-8	200	1962
Quitzau #4	O- 3-25-8	229	1962
Quitzau #5	M-3-25-8	511	1962
Quitzau #6	A- 10-25-8	528	1962
Quitzau #11	A-3-25-8	244	1962

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	BALLA	ARD PC	
TOWNSHIP	25-N	PANCE	8-W

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		 5	<u>SCHULTZ</u> ₩ ₄	 4PAYNE 莽₃-x	FOSTER A.P.C.T. 举i	3 RIDDLE. B. M. & G.	
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TEST WELL DATA BALLARD PICTURED CLIFFS Pool

Date Jan. 7, 1963

TEST WELL: Operator:	El Paso Natural Gas Co	ompany Well Nam	e & No. Wilson #A-1	
Location_1296 fr.	<u>N</u> , <u>1298</u> fr. <u>W</u>	lines, <u>F</u> Sec	2. <u>32</u> T. <u>26</u> N., R.	<u>8</u> W
TD:2128	Casing: 5-1/	/2'' @ 2050	Tubing: 1"@2113	
Completed: August	15, 1954	First Delivery:	April 25, 1955	
Pay Zone: Open Hole Inte	erval: 2046-2128	or Perforatio	ons:	
Stimulation: Sand-oil	irac.			
SIPC: 612	SIPT: 613		DAYS SI: 44	
I.P. Test: 3490	MCF, 3 hrs	Choke:	MCF AOF thru tub	ing or casing
Current Deliverability:	418	MCF, Date Tes	ted: 1962	

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Wilson #A-2	K-32-26-8	417	1962

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TEST WELL DATA South Blanco Pictured Cliffs Pool

Date Feb. 5, 1963

TEST WELL: Operator:	El Paso Natural Gas (Company Well Name	No. Jicarilla #1-B	
Location 1650 fr.	N, <u>1650</u> frW	_ lines,FSec.	<u>28</u> T. <u>25</u> N., R	<u>4</u> w
TD:3350	Casing:7'' @ :	3360Tu	bing: <u>1-1/4'' @ 3282</u>	
Completed: April 4,	1956	First Delivery:	March 26, 1957	
Pay Zone: Open Hole Interv	al:3284-3308	or Perforations	3284-3308	
Stimulation:Wa	ter-sand frac.		÷.	
SIPC:995	SIPT:	995	DAYS SI: 15	
I.P. Test: 10, 340	MCF, 3 hrs	Choke: 21, 300	MCF AOF thru tubin	g or casing
Current Deliverability:	688	MCF, Date Teste	d: 1962	

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Jicarilla #3-B	O-28-25-4	325	1962
Jicarilla #5-B	M-27-25-4	76	1962
Jicarilla #6-D	B-33-25-4	885	1962
Jicarilla #7-B	J-27-25-4	194	1962
Jicarilla #8-B	G-28-25-4	259	1962
Jicarilla #9-B	K-28-25-4	400	1962
Jicarilla #10-B	K-34-25-4	455	1962
Jicarilla #13-B	P-34-25-4	167	1962
Jicarilla #14-B	C-33-25-4	69	1962

RIO ARRIBA COUNTY, NEW MEXICO

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TOWNSHIP 25-N RANGE 4-W

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TEST WELL DATA SOUTH BLANCO PICTURED CLIFFS Pool

Date Jan. 7, 1963

TEST WEI	LL: Operato	r: <u>El P</u>	aso Natural G	as Company	Well Nam	e & No. Jicar	illa #8-E	
Location	2310	fr. <u>N</u>	, <u>1363</u> fr	W_lines,_	F Sec	20 T. 25	_N., R	4 W
TD:	3395		_Casing:	7" @ 3348	·	Tubing: 2" (@ 3328	
Completed	Novembe:	r 8, 1954		First	Delivery:	December	31, 1957	
Pay Zone:	Open Hole I	nterval:	3348-3395		or Perforatio	ons:		
Stimulation	1: <u></u>	Sand	oil frac.				• •	
SIPC:	999		SIPT:		·	DAYS	SI:	7
I.P. Test.	3156		MCF, 3 hrs.	Chol	ke:		F thru tubi	ng or casing
Current De	eliverability	328		MC	F, Date Tes	ted: 196	2	

WELLS ON SAME BASIC LEASE

Name	Location	Deliverability	Date of Test
Jicarilla #1-E	H- 19-25-4	995	1962
Jicarilla #2-E	O- 19-25-4	828	1962
Jicarilla #3-E	N- 18-25-4	959	1961
Jicarilla #4-E	J- 18-25-4	2326	1961
Jicarilla #5-E	H- 20-25-4	395	1962
Jicarilla #6-E	P- 20-25-4	1286	1962
Jicarilla #9-E	D- 19-25-4	2193	1961
Jicarilla #11-E	L-19-25-4	511	196 2

RIO ARRIBA	COUNTY, NEW MEXICO

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TOWNSHIP 25-N RANGE 4-W

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PACE 2 BEFORE THE OIL CONSERVATION COMMISSION Santa Fe, New Mexico March 7. 1963 EXAMINER HEARING FARMINICTON, N. M. IN THE MATTER OF: FARM REPORTING SERVICE. Inc. Application of El Paso Natural Gas Company for permission to conduct certain special well tests,)CASE 2770 San Juan and Rio Arriba Counties, New Mexico. Applicant, in the above-styled cause, seeks authority to conduct maximum pressure build-up tests on 27 wells in the Blanco-Mesaverde, Basin-Dakota, Aztec-Pictured Cliffs, Ballard-Pictured Cliffs, and South Blanco-Pictured Cliffs Gas Pools, San Juan and Rio Arriba Counties, New Maxico. Applicant further seeks exception to the annual well-testing requirements of Order SANTA FE, N. N. PHONE 983-357 R-333-F for said wells during the testing period, as well as exception to the underage and overage balancing requirements of Order R-1670. Further, applicant seeks authority to transfer said wells! allowables to other wells on the same basic lease DEARNLEY-WEIER for production. Applicant also seeks an administrative procedure for the designation of such substitute walls for testing as may be deemed necessary. रा कुरा का स्वार का स्वा BEFCAE: Daniel S. Nutter, Examiner REALING OF HEARING ALBUQUERGUE, N. M. PHONE 243 6631 MR, MUTCHER: Ne call Case 2770. MR, D'Reed Die Application of 21 Pace Catural Cas Company for permission to conduct certain special well tests, San Juan and Rio Arriba Counties, New Sexico. MR. 1917.CATH: Carrett Whitworth and the Santa de Fire of Seth, Montgomery, Pederici and Andrews for the Applicant,

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F. J.

PAGE 3 have one witness to be sworn, Mr. Jerry Hickson. (Witness sworn.) (Whereupon, Applicant's Exhibit No. A marked for identification.) FARMINGTON, N. M. PHONE 325-1182 GERALD A. HICKSON called as a witness herein, having been first duly sworn on oath, testified as follows: DIRECT EXAMINATION BY MR. WHITWORTH: Will you please state your full name, by whom and in ú what capacity you are employed? SANTA FE, N. M. PHONE 983-3971 Α Gerald A. Hickson, proration engineer for EL Paso Natural Gas Company. Have you previously testified as an expert witness Q before this Commission, and your qualifications have been made a matter of record; is that true? that's correct. A Mr. Mickson, this is an application by El Paso Natural Gas Company for the conducting of maximum pressure build-up tests ALPHOLIPOUE, N. M. PHONE 243 6691 and non-cancollation and/or transfor of allowables on certain wells in the San Juan Basin, is that might? Yes, sir, and also for excention to Order 332-5. A What close Grder 300-F contain? That provides for testing of wells in San Juan Basin Å .efore beterord

Inc. DEARNEEY-NEIER REPORTING SERVICE.

What pools are involved in this application? The Blanco-Mesaverde, the Basin-Dakota, Aztec-Pictured Α Cliffs, Ballard-Pictured Cliffs, and South Blanco-Pictured Cliffs. Q Do you have an exhibit that sets out the wells that are involved and the test well data and the plat showing the location of each individual well, along with the wells on the same basic lease?

А Yes, sir, I do, Exhibit A.

Q Is that El Paso's Exhibit A? What does El Paso Exhibit A consist of?

A El Paso's Exhibit A is in 27 parts, one for each well and each part consisting of two pages, one which is the test well data on the test well, also listing the transfer wells and the deliverability and the date of the test of its deliverability.

The second sheet is a plat with a nine or 16 section range of the area of the transfer wells and the test well.

 $\sum_{i=1}^{n}$ Why is it necessary to conduct these maximum pressure build-up tests, Mr. Mickson?

A In the San Juan Basin, the monsted pools exhibit the characteristic of baving slow build-up on their shut-in pressures, which reflects low reserves. In order to determine the reserves the San Juan Basin, we need have accorate shu win pressures and this is a means of obtaining thee, by pressure puild-up test. This is a continuing thing, is it not? This isn't the time that if twos has made this type of an incerion?

FARMINGTON, N. W. PHONE 325-1152 **INONE** SFRVICE, Inc. DEARNEEY-MEIER REPORTING SANTA FE, N. M. PHONE 983-3971

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PACE 5

A No, sir. We have tested a number of wells in the San Juan Basin in most of the prorated pools, and this is the third test for some of the wells on this application. We are just now beginning to receive information which will be of value in calculating the reserves by decline method or original volumetric method.

Q Now the request that El Paso makes in the application for the transfer of allowables for the wells that are being tested to other wells on the same basic lease, would you care to comment on that?

A Excuse me, I didn't understand that.

Q The transfer of allowables and/or the transfer of allowables or the non-cancellation of allowables, that pertains only to wells on the same basic lease?

A That's correct. We propose to shut in each of these wells after a deliverability toot has been token, and then after the well has been torned back on and the status is carried forward, we will take that allowable and transfer it to all the wells on the same paste lease in a manner in which we can recover this same allowable.

4 In your settime long on the avocage how long will it take to confuct these longs?

A Moll, lits back to say. The have never teshed any of these Basin-Dakota wells. Lell, we have one test which took in the neighborhood of 130 days on a Basin-Dakota well. On some of

DEARNEY TELER REPORTING SERVICE, Inc. Admuquemous, n. m. PHONE 243 6691 PHONE 26333273 PHONE 26333273 PHONE 26333273 PHONE 26333273 PHONE 2633273 PHONE 26322 PHONE 2632 PHONE 26322 PHONE 2632 PHONE 26322 PHONE 263

the other wells, it ranges from 120, 130 days up to six, 700 days. It just depends on the formation.

Q What are the requirements of Order R-333-F that E1 Paso seeks to except?

A The requirements are that each well must be tested annually for deliverability test and the wells that we propose to shut in will have a deliverability test this year, but if it goes through next year, through 1964, this is the exception that we are asking for, that the well be permitted to forego this test in 1964.

Q In our application, we stated that the Applicant proposes to complete such tests as soon as possible following the date of issuance of the Commission order in this case, and you have already commented on what you consider to be a reasonable time for conducting the test?

A Yes, sir.

What does Fl Peso propose with respect to the underage and overage requirements of Order Rel670 pertaining to the Northwest?

A We are proposing that this pe suspended until a period six months after a full calanning period after the wells have peen taken off test.

What is your recommendation as to administrative approval or conducting tests for reservois information?

DEARNLEY-MEIER REPORTING SERVICE.

ALPUQJERGUE, N. M. PHONE 243 6691

FARMINGTON, N. M.

Inc.

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PAGE 6

PAGE 7

Q There is a paragraph in our application which states that in addition to the maximum pressure build-up tests, we are seeking an order that should provide for the granting of administrative approval to conduct such substitute tests as we may in our discretion deem necessary for obtaining more thorough and complete reservoir information.

A Yes, sir.

Q What type of reservoir information are we talking about?

A We are talking about the same pressure information, and what we're requesting by this portion of the application was in case of mechanical troubles or some type of trouble that we can't see at this time, for instance, if we cannot get the pressure on one of the wells that we are asking for here, we would request the Commission by administrative approval grant us permission to use another well on the same basic lease instead of the well that we're asking for today.

Q That would be done by letter of request to the Secretary-Director of the Commission?

A Yes, sir.

Q Do you have anything else that you would like to add to your testimony?

A Yes, sir. Order R+1998 is an acceptable order for this type of case, with exception of part 11 of that order. I don't know if the Commission has that available or not. I would like to read from that order. "That the authority herein granted shall

DEARNLEY WEIER REPORTING SERVICE. Inc. 5. N. SANTA FOL N. SANTA FOL N. TARMWOTON, N. M. 3. 6601 PHONE 983-3971 PHONE 325-1182

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terminate one year from the date of this order; provided, however that the Secretary-Director may approve an extension of time for the taking of the subject tests for good cause shown." I would suggest that this be modified and that this order shall terminate after the final test has been completed which was granted under the order.

and a second second

Q In other words, you don't want to be limited to one year?

A No, sir, because we know in some cases that it will definitely take more than one year to obtain maximum pressure build-up.

Q The order that you just read from was an order previously issued by this Commission as a result of a similar type application by El Paso?

A That is correct.

N. M.

PARMINGTON, N DRONE 325-1

DEARNLEY-WEIER REPORTING SERVICE. Inc.

SANTA FE, N. M. PHONE 983-397

ALMUQUERGUE, N. M. PHONE 243 6651 MR, WHITWORTH: That's all we have.

MR. NUITER: Are there any questions of Mr. Hickson? MR. WHITWORTH: I have one more.

Q (By Mr. Whitworth) This Exhibit A. that was prepared under your direct supervision?

A Yes, it was,

MR. WHITWOR F1: We ask that be received in evidence. MR. NUTTER: Exhibit A will be admitted in evidence.

(Whereupon, Applicant's Exhibit A admitted in evidence.)

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PAGE 8

		PACE 9
		CROSS EXAMINATION
BY M	R. NUT	TER:
	Q	Do I understand that 1963 deliverability tests will be
comp	leted	on all these wells prior to shutting them in?
	Α	Yes, we always take a deliverability test and then start
the	shut-i	n period for the shut-in period of the deliverability
test	•	
	Q	So any exception to the annual test would be for 1964?
	A	Yes, that's correct.
	Q	In Section 7 of the application, you want the underage
and	overag	e balancing provisions suspended for these wells. You
want	them	suspended for a full six months after a full balancing
peri	od	
	A	No.
	Q	after the test is completed?
	А	No, it would be a full six months after the period has
peen	, the	period in which the test was completed.
	Q	In other words, it is completed during a six months
peri	od?	
peri	À	That's correct.
PHONE 143	Q	And then you would want one full six months period after
that	?	
	А	That's correct.
	Q	And then the underage or overage provisions would apply
	A	Yes, sir.

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Q You want administrative approval for such wells as you may deem necessary in Section 8. This would be for the shut-in well or for the producing well, also?

A Is this Section 8 --

Q Of the application.

FARMINGTON, N. M. PGONE 325-1182

DEARNLEY-MEIER REPORTING SERVICE. Inc.

SANTA FE, N. M. PHONE 983-397

ALBUQUEFOUE, N. M. PHONE 243 6691 A -- of our application. Excuse me. This would be a well that's on the same basic lease as one of the wells that we're asking for today.

Well, I understand that, but do you want this administrative approval of the substitution wells to apply only to the wells that are being shut-in, or to the wells that are being shut-in as well as the wells that would receive the allowable as transferred allowable? In other words, could you substitute the transfer wells as well as shut-in wells?

A Substitute them for a shut-in well, is that my understanding of the question? The provisions of 8 --

Q It would be on the same basic lease; that's one provision, that the substitution wells would be a substitute well on the same basic lease, is that correct?

A that's correct.

Now would you limit the substitution to the wells which are being shuthin only, or would you also want to provide that if you substituted a well that's shuthin, if you substituted another well for the designated shuthin well, that you could also substitute a well which would receive that well's allowable?

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A No. No, we're asking that only the wells listed on each of these exhibits be included. Now to give an example of this, if we took the first one, Atlantic 5-A, it has five transfer wells. As this portion of Number 8, if we took one of the wells and used it as the shut-in well, we would actually substitute for it just the Atlantic 5-A, the other wells would still be transfer wells.

PAGE 11

Q We're on this Atlantic 5-A; that's the shut-in well, right?

A That's correct,

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DEARNEEY MEIER REPORTING SERVICE. Inc.

SANTA FE, N. M. PHONE 983,3971

ALMUQUERGUE, N. M. PHONE 243 6691 Q And there are four wells on that lease which would receive the allowable?

A Or the Atlantic 5-A. The Atlantic 5-A, at the end of the balancing period -- rather, when the test is completed, we take the allowable and assign it to all of the wells, also the 5-A: the 5-A actually receives a portion of the allowable if the rest of the wells on the same basic lease have not overproduced by the amount that the 5-A underproduced.

Well, then the 5-A could produce some of 1-A's allowable?

A That is correct,

Q So the substitution works for the shut-in well as well as the transfer well?

A That is correct.

Q In all events, it would be limited to the same lease as

PAGE 12 the wells which are depicted on Exhibit A? Α Yes. MR. NUTTER: Are there any further questions of Mr. Hickson? FARMINGTON, N. M. PHONE 325-1182 MR. UTZ: Yes, I have one. BY MR. UTZ: Q Are any of these wells listed on your Exhibit A, which is 27 wells, I believe, plus all your transfer wells, are any of those wells marginal wells at this particular time? Not to my knowledge, not when these exhibits were pre-Α pared. SANTA FE, N. M. PHONE 983-3971 If any of those wells are marginal wells, then there Q would not be any reason to include them in this order, would there? No, sir. A Does Order 1998 provide for notification to the Commission Q for the beginning and the ending of these tests? Yes, sir, it does. A And that would be agreeable if it was in the order you Q are requesting new? ALRUOUTROUE, N. M. PHONE 223 6691 A Yes, sir. m2. UIZ: That's all, А We notify the Commission at the same time we take the deliverability tests on these wells, and then on completion of a test we request that the allowable be transferred, which is the notification of the end.

DEARNLEY.MEIER REPORTING SERVICE. Inc.

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MR. DURRETT: May I ask a question? MR. NUTTER: Yes, sir.

BY MR. DURRETT:

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Q Mr. Hickson, I would like to clear up a little bit this statement or the proposition that you propose, that you want the order to terminate after the last test is taken, is that correct?

A Yes, sir.

Q You mean just automatically terminate upon completion of the last test that's approved?

A Well, now that I think about it, that might -- we are suspending the balancing provisions for six months after the last test, on the last test the same as we are, say, when the first one comes off, so actually we would have to make it for probably one year after the last test is completed to insure that if you took a test of say the first month into one balancing period you would have five months plus an additional six months for that well to make up its underproduction or lose it.

the start of the tests were completed?

A ... One year after the tests were completed.

Q (By Mr. Durrest) One other question on this same line. What is the longes period of time that you would estimate that might be involved on testing it?

The San Juan 286 No. 37, which is one of the wells under

DEARNLEY-MEIER REPORTING SERVICE, Inc. SANTA FE, N. M. PHONE 223 6691 PHONE 223 6691 PHONE 225,1162 PHONE 225,1162

PAGE 14 this application, there's 492 days; and we have one longer than that, which is the Atlantic 5-A, which was 645 days. We don't know what the Basin-Dakotas will do because we never had a test on any of these wells before. I don't believe it will be this FARMINGTON, N. M. PHONE 325-1182 period of time. But as of this date, 645 days is the longest test you Q DEARNLEY-MEIER REPORTING SERVICE, Inc. have experienced? A Under this group of wells, yes, I'm not sure; it seems to me like we had one longer. MR. DURRETT: Thank you. MR. NUTTER: Any further questions of Mr. Hickson? He SANTA PE, N. M. PHONE 983-3971 may be excused. (Witness excused.) MR. NUTTER: Do you have anything further, Mr. Whitworth? MR. WHITWORTH: The information that El Paso obtains as a result of this test is passed along; these tests are passed along to the Commission; thatis right, Mr. Mickson? MR. HICKSON: That's correct; that's under the order. MR. WHITWORTH: That's all I have, ALRUQUEROUE, N. M. PHONE 243 6591 MR. NUTTER: Anything further in Case 2770? We will take the case under advisement and the hearing is adjourned. ¥ ~
PAGE 15 STATE OF NEW MEXICO))) SS COUNTY OF BERNALILLO I, ADA DEARNLEY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the fore-FARMINGTON, N. M. PHONE 325-11132 going and attached Transcript of Proceedings before the New Mexico bil Conservation Commission was reported by me, and that the same DEARNLEY-MEIER REPORTING SERVICE, Inc. is a true and correct record of the said proceedings to the best of my knowledge, skill and ability. WITNESS my Hand and Seal this 26th day of March, 1963. SANTA FE. N. M. PHONE 983-3971 NCTARY PUBLIC My Commission Expires: June 19, 1963. ALPUOUTROUE, N. M. PHONE 243 6631 ab r ng **is** in 770 ۰. \sim 13:0 3 hein laner New ssion <u>ڈ ہ</u>ر د

लेख व DRAFT JMD/esr March 26, 1963

> BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE No. 2770 Order No. R- 2460

APPLICATION OF EL PASO NATURAL GAS COMPANY FOR AUTHORITY TO CONDUCT MAXIMUM PRESSURE BUILD-UP TESTS, SAN JUAN AND RIO ARRIBA COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on <u>March 7</u>, 1963, at Santa Fe, New Mexico, before <u>Daniel S. Nutter</u>, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this ______ day of ______, 19 63 the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter _____, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, El Paso Natural Gas Company, seeks authority to conduct maximum pressure build-up tests in the Blanco-Mesaverde Gas Pool, the Basin-Dakota Gas Pool, the Aztec-Pictured Cliffs Gas Pool, the Ballard-Pictured Cliffs Gas Pool, and the South Blanco-Pictured Cliffs Gas Pool, San Juan and Rio Arriba Counties, New Mexico.

(3) That the proposed maximum pressure build-up tests would provide additional reservoir information and would therefore be in the interest of conservation.

(4) That the applicant also seeks the establishment of special rules to govern said tests, including a provision

-2-CASE No. 2770

authorizing the non-cancellation or transfer of allowables from wells shut-in in each pool and including a provision allowing substitute tests by administrative approval.

(5) That the proposed tests will not cause waste or impair correlative rights.

(6) That special rules should be promulgated to govern the proposed tests in order to assure prevention of waste and protection of correlative rights.

IT IS THEREFORE ORDERED:

That the applicant, El Paso Natural Gas Company, is hereby authorized to conduct maximum pressure build-up tests on the wells hereinafter designated "Shut-in Wells" and to transfer any allowable accruing to said wells during the tests to one or more of the wells hereinafter designated "Transfer Wells" for the same test, subject to the Special Maximum Pressure Build-up Test Rules set out below:

SHUT-IN WELLS

TRANSFER WELLS

BLANCO-MESAVERDE GAS POOL

El Paso-Atlantic No. 5-A, Unit L, S 26, T-31N, R-10W	El Paso-Atlantic No. 1-A, Unit H, S 27, T-31N, R-10W
	El Paso-Atlantic No. 9-A, Unit N, S 27, T-31N, R-10W
	El Paso-Atlantic No. 2-A, Unit A, S 28, T-31N, R-10W
	El Paso-Atlantic No. 3-A, Unit M, S 28, T-31N, R-10W
El Paso-Atlantic No. 8-A, Unit A, 5 29, T-31N, R-10W	El Paso-Atlantic No. 7-A, Unit K, S 29, T-31N, R-10W
El Paso-Barnes No. 7, Unit K, S 23, T-32N, R-11W	No transfer well.
El Paso-Barrett No. 2, Unit B, S 19, T-31N, R-9W	El Paso-Barrett No. 3, Unit K, S 20, T-31N, R-9W
	El Paso-Barrett No. 4, Unit A, S 20, T-31N, R-9W

-3-CASE No. 2770

El Paso-Gartner No. 2, El Paso-Gartner No. 1, Unit N, Unit G, S 28, T-30N, R-8W S 28, T-30N, R-8W El Paso-Gartner No. 3, Unit N, S 33, T-30N, R-8W El Paso-Gartner No. 4, Unit H, S 33, T-30N, R-8W El Paso-Gartner No. 5, Unit M, S 27, T-30N, R-8W El Paso-Gartner No. 8, Unit A, S 26, T-30N, R-8W BL Paso-Hughes No. 3, El Paso-Hughes No. 2, Unit A, Unit B, S 20, T-29N, R-8W S 19, T-29N, R-8W El Paso-Hughes No. 4, Unit M, S 20, T-29N, R-8W El Paso-Hughes No. 5, Unit N, S 21, T-29N, R-8W El Paso-Hughes No. 6, Unit G, S 21, T-29N, R-8W El Paso-Hughes No. 7, Unit M, S 29, T-29N, R-8W El Paso-Hughes No. 8, Unit H, S 29, T-29N, R-8W El Paso-Lucerne A-2, El Paso-Lucerne No. 3-A, Unit M, S 3, T-31N, R-10W Unit B, S 9, T-31N, R10W El Paso-Lucerne No. 4-A, Unit H, S 10, T-31N, R-10W El Paso-McElvain No. 2-A, Unit K, El Paso-McElvain A-1, Unit A, S 23, T 30N, R-7W 3 23, T-30N, R-7W El Paso-McElvain No. 3-A, Unit H, S 24, T-30N, R-7W El Paso-McElvain No. 4-A, Unit K, S 24, T-30N, R-7W El Paso-McElvain No. 5-A, Unit A, S 25, T-30N, R-7W El Paso-McElvain No. 6-A, Unit L, S 25, T-30N, R-7W El Paso-H. K. Riddle No. 2, El Paso-H. K. Riddle No. 1, Unit D, S 4, T-30N, R-9W Unit L, S 3, T-30N, R-9W No transfer well. El Paso-Schwerdtfeger No. 1, Unit M, S 27, T-31N, R-9W El Paso-SJU 28-6 No. 39, Unit N, El Paso-SJU 28-6 No. 37, S 5, T-27N, R-6W Unit K, S 6, T-27N, R-6W

-4-CASE No. 2770

El Paso-SJU 28-6 No. 43, Unit A, S 7, T-27N, R-6W

El Paso-SJU 28-6 No. 54, Unit N, S 7, T-27N, R-6W

El Paso-SJU 28-6 No. 22, Unit H, S 8, T-27N, R-6W

BASIN-DAKOTA GAS POOL

El Paso-Allison Unit No. 1, Unit E, S 17, T-32N, R-6W	El Paso-Allison Unit No. 20, Uni L, S 18, T-32N, R-6W
	El Paso-Allison Unit No. 23-X, Unit M, S 19, T-32N, R-6W
El Paso-Jicarilla 67 Federal No. 10, Unit M, S 30, T-25N, R-5W	El Paso-Jicarilla 67 Federal No. 5, Unit N, S 29, T-25N, R-5W
El Paso-Lackey B-13, Unit K, S 20, T-28N, R-9W	El Paso-Lackey B-12, Unit N, S 21, T-28N, R-9W
	El Paso-Lackey B-14, Unit A, S 30, T-28N, R-9W
	El Paso-Lackey B-17, Unit G, S 21, T-28N, R-9W
El Paso-Michener No. 3, Unit M, S 15, T-28N, R-9W	No transfer well.
El Paso-Heaton No. 14, Unit G, S 29, T-31N, R-11W	El Paso-Heaton No. l, Unit A, S 28, T-31N, R-11W
	El Paso-Heaton No. 16, Unit L, S 28, T-31N, R-11W
El Paso-Ludwick No. 16, Unit G, S 31, T-30N, R-10W	El Paso-Ludwick No. 15, Unit A, S 19, T-30N, R- OW
	El Pas(Ludwick No. 17, Unit B, S 29, T-30N, R-10W
	El Paso-Ludwick No. 20, Unit K, S 29, T-30N, R-10W
	El Paso-Ludwick No. 21, Uni+ N, S 31, T-30N, R-10W
El Paso-Rincon Unit No. 136, Unit A, S 23, T-27N, R-7W	El Paso-Rincon Uni: No. 133, Unit K, S 14, T-27N, R-7W
	El Paso-Rincon Unit No. 137, Unit K, S 24, T-27N, R-7W
	El Paso-Rincon Unit No. 138, Unit A, S 25, T-27N, R-7W
	El Paso-Rincon Unit No. 151, Unit B, S 14, T-27N, R-7W

-5-CASE No. 2770

El Paso-Huerfano Unit No. 117,

El Paso-Huerfano Unit No. 125,

Unit E, S 30, T-26N, R-9W

Unit P, S 16, T-26N, R-10W

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El Paso-Rincon Unit No. 167, Unit B, S 13, T-27N, R-7W

El Paso-Rincon Unit No. 177, Unit L, S 13, T-27N, R-7W

El Paso-SJ 28-5 Unit No. 35, El Paso-SJU 28-5 No. 33, Unit L, Unit M, S 19, T-28N, R-5W S 17, T-28N, R-5W

> El Paso-SJU 28-5 No. 34, Unit M, S 18, T-28N, R-5W

> El Paso-SJU 28-5 No. 41, Unit A, S 32, T-28N, R-5W

> El Paso-SJU 28-5 No. 42, Unit K, S 31, T-28N, R-5W

El Paso-Huerfano Unit No. 104, Unit P, S 17, T-26N, R-10W

El Paso-Huerfano Unit No. 116, Unit C, S 11, T-26N, R-10W

El Paso-Huerfano Unit No. 121, Unit F, S 27, T-26N, R-10W

El Paso-Huerfano Unit No. 111, Unit F, S 20, T-26N, R-9W

El Paso-Huerfano Unit No. 120, Unit ~, S 25, T-26N, R-10W

El Paso-Huerfano Unit No. 130, Unit D, S 29, T-26N, R-9W

El Paso-Huerfano Unit No. 134, Unit **I**, S 36, T-26N, R-10W

El Paso-Huerfano Unit No. 136, Unit J, S 21, T-26N, R-9W

El Paso-Huerfano Unit No. 137, Unit J, S 31, T-26N, R-9W

AZTEC-PICTURED CLIFFS GAS POOL

El Faso-Ludwick No. 2, Unit P, S 19, T-30N, R-10W	El Paso-Ludwick No. 1, Unit E, S 29, T-30N, R-10W
	El Paso-Ludwick No. 3, Unit O, S 29, T-30N, R-10W
	El Paso-Ludwick No. 4, Unit A, S 31, T-30N, R-10W
	El Paso-Ludwick No. 5, Unit F, S 31, T-30N, R-10W
	El Paso-Ludwick No. 6, Unit L, S 19, T-30N, R-10W

BALLARD-PICTURED CLIFFS GAS POOL

El Paso-Ballard No. 6, Unit E, S 14, T-26N, R-9W El Paso-Ballard No. 5, Unit P, S 14, T-26N, R-9W

-6-CASE No. 2770

El Paso-Ballard No. 3, Unit H, S 14, T-26N, R-9W El Paso-Ballard No. 4, Unit M, S 14, T-26N, R-9W El Paso-Ballard No. 7, Unit E, S 15, T-26N, R-9W El Paso-Ballard No. 8, Unit H, S 15, T-26N, R-9W El Paso-Ballard No. 9, Unit O, S 15, T-26N, R-9W El Paso-Ballard No. 10, Unit L, S 15, T-26N, R-9W 🔆 El Paso-Quitzau No. 3, El Paso-Quitzau No. 1, Unit D, Unit P, S 11, T-25N, R-8W S 3, T-25N, R-8W El Paso-Quitzau No. 2, Unit F, S 11, T-25N, R-8W El Paso-Quitzau No. 4, Unit O, S 3, T-25N, R-8W El Paso-Quitzau No. 5, Unit M, S 3, T-25N, R-8W El Paso-Quitzau No. 6, Unit A, S 10, T-25N, R-8W El Paso-Quitzau No. 11, Unit A, S 3, T-25N, R-8W El Paso-Wilson No. A-1, El Paso-Wilson No. A-2, Unit K, S 32, T-26N, R-8W Unit F, S 32, T-26N, R-8W SOUTH BLANCO-PICTURED CLIFFS GAS POOL El Paso-Jicarilla B No. 3, Unit El Paso-Jicarilla B No. 1, O, S 28, T-25N, R-4W Unit F, S 28, T-25N, R-4W El Paso-Jicarilla B No. 5, Unit M, S 27, T-25N, R-4W El Paso-Jicarilla B No. 6, Unit B, S 33, T-25N, R-4W El Paso-Jicarilla B No. 7, Unit J, S 27, T-25N, R-4W El Paso-Jicarilla B No. 8, Unit G, S 28, T-25N, R-4W El Paso-Jicarilla E No. 9, Unit K, S 28, T-25N, R-4W El Paso-Jicarilla B No. 10, Unit K, S 34, T-25N, R-4W El Paso-Jicarilla B No. 13, Unit P, S 34, T-25N, R-4W El Paso-Jicarilla B No. 14, Unit C, S 33, T-25N, R-4W

-7-CASE No. 2770

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El Paso-Jicarilla E No. 8, Unit F, S 20, T-25N, R-4W El Paso-Jicarilla E No. 1, Unit H, S 19, T-25N, R-4W El Paso-Jicarilla E No. 2, Unit O, S 19, T-25N, R-4W El Paso-Jicarilla E No. 3, Unit N, S 18, T-25N, R-4W El Paso-Jicarilla E No. 4, Unit J, S 18, T-25N, R-4W El Paso-Jicarilla E No. 5, Unit H, S 20, T-25N, R-4W El Paso-Jicarilla E No. 6, Unit P, S 20, T-25N, R-4W El Paso-Jicarilla E No. 9, Unit D, S 19, T-25N, R-4W El Paso-Jicarilla E No. 11, Unit L, S 19, T-25N, R-4W

SPECIAL MAXIMUM PRESSURE BUILD-UP TEST RULES

<u>RULE 1</u>. Any operator desiring an allowable transfer shall submit a request for the same to the Commission setting out the amount of allowable which he proposes to transfer and the name and location of the well or wells which are to receive the same. Such transfers must be to wells on the same basic lease as the shut-in well. If approved, the transfer shall be effected upon completion of the test if a deliverability test for the proration year in which the test is completed has been filed for the well. If a deliverability test has not been filed for the proration year in which the test is completed, the transfer, if approved, shall be effected upon receipt of said deliverability test for the well.

RULE 3. Any allowable which accrues to a shut-in well during a test and which is not transferred shall be considered to -8-CASE No. 2770

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have accrued to said shut-in well on the date the test is completed.

<u>RULE 4</u>. Any transfer well which has not been connected to a transportation facility at the beginning of the test shall have its allowable assigned in accordance with the applicable proration order.

<u>RULE 5</u>. Any shut-in well which not been assigned an allowable prior to the effective date of this order shall be assigned an allowable from the date of connection to a transportation facility if said date is not more than forty-five days prior to the beginning of the test. If the shut-in well has not been connected to a transportation facility at the beginning of the test, its allowable shall begin on the date when the well would have delivered gas into a transportation facility had the well not been shut in, such date to be established by affidavit from the gas purchaser.

<u>RULE 6</u>. All shut-in wells are hereby excepted from the requirements of Order No. R-333-F until the date of first delivery of gas into a gas transportation facility after the completion of the test.

<u>RULE 7</u>. The Secretary-Director of the Commission is hereby authorized to administratively approve the substitution of wells designated to participate in any of the tests, but no well shall be designated as a transfer well which is not on the same basic lease as the shut-in well.

RULE 8. The official starting date of a test shall be established by affidavit from the operator and shall be the date the well was shut in for the purpose of testing and not thereafter produced in any manner. except for the purpose of taking pressure meadings. Affidavits shall be filed with the Santa Fe and Aztec offices of the Commission .

RULE 9. All shut-in wells shall be padlocked in a manner that will provent the opening of any valve by unauthorized persons. Valves on shut-in wells shall be opened only for the purpose of taking pressure readings. -9-CASE No. 2770

RULE 10. The results of all pressure readings shall be filed with the Commission's Aztec and Santa Fe offices within 30 days after the completion of the last test authorized. At a shall be filed in both tabular and graphic form and shall show the date that the test well was shut in, the date and the pressure at each pressure reading, and the length of time that the well was shut in prior to each reading. The graph shall depict the pressure buildup in pounds per square inch absolute plotted against shut-in time in days.

IT IS FURTHER ORDERED:

(1) That the authority herein granted shall terminate one year from the date of completion of the last test authorized by this order.

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

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

> STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. WALKER, Member

A. L. PORTER, Jr., Member & Secretary

No. 8-63

DOCKET: EXAMINER HEARING - THURSDAY - MARCH 7, 1963

9 A. M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM, STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Elvis A. Utz, as alternate examiner:

CASE 2763: (Continued)

Application of Sunray DX Oil Company for the creation of a Strawn Gas Pool and for Special Temporary Pool Rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Strawn Gas Pool for its New Mexico State "AH" Well No. 1, located in Unit K of Section 30, Township 18 South, Range 23 East, Eddy County, New Mexico, and the establishment of temporary pool rules therefor, including a provision for 640-acre proration units.



Application of Tom Brown Drilling Company, Inc., for a unit agreement, Eddy County, New Mexico. Applicant, in the abovestyled cause, seeks approval of the Siegrest Draw Unit Area, comprising 7,578 acres, more or less, of State and fee lands in Township 19 South, Range 23 East, Eddy County, New Mexico.

CASE 2767:

Application of Tom Brown Drilling Company, Inc., for a unit agreement, Eddy County, New Mexico. Applicant, in the abovestyled cause, seeks approval of the Antelope Sink Unit Area, comprising 7,561 acres, more or less, of State and fee lands in Township 19 South, Ranges 23 and 24 East, Eddy County, New Mexico.

CASE 2768: Application of Ernest A. Hanson and Harold Kersey for special nomenclature, Eddy County, New Mexico. Applicants, in the above-styled cause, seek an order extending the vertical limits of that portion of the Red Lake (Grayburg-San Andres) Pool underlying the NW/4 of Section 14. Township 17 South, Range 28 East, Eddy County, New Mexico, to include therein the Queen formation.

CASE 2769: Application of Cities Service Oil Company for three water injection wells, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks authority to convert the Pure State No. 1 and the Gulf State Well No. 1 located in Units D and P, respectively, of Section 16, Township 14 South, Range 31 East, Chaves County, New Mexico, to water injection, offsetting Phillips Petroleum Company's West Cap Waterflood Project. Applicant further seeks authority to drill an additional water injection well at the southwest corner of Unit K of said Section 16. -2-Docket No. 8-63

CASE 2770:

Application of El Paso Natural Gas Company for permission to conduct certain special well tests, San Juan and Rio Arriba Counties, New Mexico. Applicant, in the above-styled cause, seeks authority to conduct maximum pressure build-up tests on 27 wells in the Blanco-Mesaverde, Basin-Dakota, Aztec-Pictured Cliffs, Ballard-Pictured Cliffs, and South Blanco-Pictured Cliffs Gas Pools, San Juan and Rio Arriba Counties, New Mexico. Applicant further seeks exception to the annual well-testing requirements of Order R-333-F for said wells during the testing period, as well as exception to the underage and overage balancing requirements of Order R-1670. Further, applicant seeks authority to transfer said wells' allowables to other wells on the same basic lease for production. Applicant also seeks an administrative procedure for the designation of such substitute wells for testing as may be deemed necessary.

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BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE No. 2294 Order No. R-1998

APPLICATION OF EL PASO NATURAL GAS COMPANY FOR AUTHORIZATION TO CONDUCT MAXIMUM PRESSURE BUILD-UP TESTS, SAN JUAN AND RIO ARRIBA COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on May 24, 1961, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this <u>14th</u> day of June, 1961, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, El Paso Natural Gas Company, seeks authorization to conduct maximum pressure build-up tests in the Blanco-Mesaverde Gas Pool, the Aztec-Pictured Cliffs Gas Pool, the Ballard-Pictured Cliffs Gas Pool, the Fulcher Kutz-Pictured Cliffs Cac Pool, and the South Blanco-Pictured Cliffs Gas Pool, San Juan and Rio Arriba Counties, New Mexico.

(3) That there is a need for the reservoir information that the proposed maximum pressure build-up tests would provide.

(4) That the applicant further seeks establishment of special rules governing said tests, including a provision authorizing the non-cancellation and/or transfer of allowables from wells to be shut-in in each pool and including a provision allowing substitute tests by administrative approval.

(5) That all shut-in wells should be excepted from the

-2-CASE No. 2294 Order No. R-1998

requirements of Order R-333-C and D during the time that maximum pressure build-up tests are being conducted.

(6) That any shut-in well which has not been assigned an allowable prior to the effective date of this order should be assigned an allowable from the date of connection to a transportation facility, provided said date is not more than forty-five days prior to the beginning of the test.

(7) That the applicant should be permitted to transfer the allowable which accrues to the shut-in well during the test to certain other wells on the same basic lease; and further, that any such allowable which is not so transferred should be considered to have accrued on the date the test is completed.

(8) That the underage and overage balancing provisions of Order No. R-1670 should be suspended for all affected shut-in and transfer wells until the end of the six-month proration period following the proration period during which the test is completed.

(9) That inasmuch as the proposed tests will not cause waste nor impair correlative rights, the subject application should be approved.

IT IS THEREFORE ORDERED:

(1) That authority is hereby granted to conduct maximum pressure build-up tests on the wells hereinafter designated as the "Shut-in Well" and to transfer any allowables accruing to said wells during the tests to one or more of the wells designated as a "Transfer Well" for the same test, subject to the provisions of Paragraph 2 of this order:

SHUT-IN WELL

TRANSFER WELL

AZTEC-PICTURED CLIFFS GAS POOL

El Paso-Lackey No. SE/4, S 20, T-28N,	El Paso-Lackey No. NW/4, S 29, T-28N,	
	El Paso-Lackey No. NE/4, S 29, T-28N,	
	El Paso-Lackey No. NW/4, S 21, T-28N,	
	El Paso-Lackey No. SW/4, S 20, T-28N,	
	El Paso-Lackey No. SW/4, S 21, T-28N,	

~3-CASE No. 2294 Order No. R-1998

and an international and

El Paso-Morris A-6 SW/4, S 21, T-30N, R-11W

None

BALLARD-PICTURED CLIFFS GAS POOL

El Paso-McConnell No. 5 NW/4, S 24, T-26N, R-9W	El Paso-McConnell No. 2 SE/4, S 13, T-26N, R-9W
	El Paso-McConnell No. 4 SW/4, S 24, T-26N, R-9W
	El Paso-Payne No. 1-A SW/4, S 13, T-26N, R-9W
El Paso-McManus No. 10 NE/4, S 4, T-25N, R-8W	El Paso-McManus No. 2 NW/4, S 4, T-25N, R-8W
	El Paso-McManus No. 3 SE/4, S 33, T-26N, R-8W
	Fl Daco-McManus No 9

El Paso-McManus No. 9 SW/4, S 33, T-26N, R-8W

El Paso-McManus No. 13 SW/4, S 4, T-25N, R-8W

BLANCO-MESAVERDE GAS POOL

El Paso-Atlantic No. 5	El Paso-Atlantic No. 6
NE/4, S 22, T-31N, R-10W	SW/4, S 22, T-31N, R-10W
	El Paso-Atlantic No. 7 NE/4, S 23, T-31N, R-10W
	El Paso-Atlantic No. 8 SW/4, S 23, T-31N, R-10W
El Paso-Fields No. l	El Paso-Fields No. 2
NE/4, S 25, T-32N, R-11W	SW/4, S 25, T-32N, R-11W
El Paso-Fields No. 3	El Paso-Fields No. 4
NE/4, S 29, T-32N, R-11W	NE/4, S 28, T-32N, R-11W
	El Pasc-Fields No. 5 SW/4, S 28, T-32N, R-11W
El Paso-Gartner No. 4	El Paso-Gartner No. l
NE/4, S 33, T-30N, R-8W	SW/4, S 28, T-30N, R-8W

-4-CASE No. 2294 Order No. R-1998

> El Paso-Grambling No. 3 SW/4, S 22, T-29N, R-9W

El Paso-Howell No. 3-A SW/4, S 4, T-30N, R-8W

El Paso-Mansfield No. 4 NE/4, S 29, T-30N, R-9W

El Paso-Prichard No. 2-1 NE/4, S 34, T-31N, R-9W

El Paso-SJU 28-7 No. 49 NE/4, S 21, T-28N, R-7W

El Paso-SJU 32-9 No. 29 SW/4, S 36, T-32N, R-10W El Paso-Gartner No. 3 SW/4, S 33, T-30N, R-8W

El Paso-Gartner No. 5 SW/4, S 27, T-30N, R-8W

El Paso-Grambling No. 1 NE/4, S 28, T-29N, R-9W

El Paso-Grambling No. 2 NE/4, S 27, T-29N, R-9W

El Paso-Howell No. 1-A NE/4, S 8, T-30N, R-8W

El Paso-Howell No. 2-A SW/4, S 5, T-30N, R-8W

None

El Paso-Prichard No. 3-2 SW/4, S 34, T-31N, R-9W

El Paso-SJU 28-7 No. 6 SN/4, S 16, T-28N, R-7W

El Paso-SJU 28-7 No. 47 NE/4, S 20, T-28N, R-7W

El Paso-SJU 28-7 No. 48 SW/4, S 21, T-28N, R-7W

El Paso-SJU 32-9 No. 3 NE/4, S 1, T-31N, R-10W

El Paso-SJU 32-9 No. 9 SW/4, S 25, T-32N, R-10W

El Paso-SJU 32-9 No. 25 NE/4, S 2, T-31N, R-10M

El Paso-SJU 32-9 No. 25 SW/4, S 1, T-31N, R-10W

El Paso-SUU 32-9 No. 30 NE/4, S 36, T-32N, R-10W

El Paso-SJU 32-9 No. 32 SW/4, S 31, T-32N, R-9W -5-CASE No. 2294 Order No. R-1998

> El Paso-SJU 32-9 No. 34 SW/4, S 35, T-32N, R-10W

El Paso-SJU 32-9 No. 38 NE/4, S 35, T-32N, R-10W

FULCHER KUTZ-PICTURED CLIFFS GAS POOL

El Paso-Rowle	y No. 4	1	El Pas	50-	Row	ley No.	6
NW/4, S 17, T	-27N, F	R-10W	SE/4,	S	18,	T-27N,	R-10W

SOUTH BLANCO-PICTURED CLIFFS GAS POOL

El Paso-Jicarilla No. 5-B	El Paso-Jicarilla No. 2-B
SW/4, S 27, T-25N, R-4W	NE/4, S 34, T-25N, R-4W

El Paso-Jicarilla No. 3-B SE/4, S 28, T-25N, R-4W

El Paso-Jicarilla No. 4-B NW/4, S 34, T-25N, R-4W

El Paso-Jicarilla No. 6-B NE/4, S 33, T-25N, R-4W

El Paso-Jicarilla No. 7-B SE/4, S 27, T-25N, R-4W

El Paso-Jicarilla No. 8-B NE/4, S 28, T-25N, R-4W

El Paso-Jicarilla No. 11-B NE/4, S 27, T-25N, R-4W

El Paso-Jicarilla No. 12-B NW/4, S 27, T-25N, R-4W

(2) That any operator desiring an allowable transfer as authorized above shall submit a request for the same to the Commission setting out the amount of allowable which he proposes to transfer and the name and location of the well or wells which are to receive the same. Such transfers must be to wells on the same basic lease as the shut-in well. (If the proposed transfer is approved by the Commission, the transfer shall be effected upon completion of the test or upon receipt of the deliverability test for the shut-in well, whichever date is later.)

(3) That the underage and overage provisions of Order No. R-1670 shall be suspended for all affected shut-in and

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transfer wells listed herein insofar as concerns any overage or underage accrued to such wells at the time a test is commenced; provided, however, that said wells shall be subject to the provisions of the aforementioned rules after the end of the sixmonth proration period following the proration period during which the test is completed, and further, that any allowable which accrues to a shut-in Well during a test which is not transferred as provided for in Paragraph 2 above shall be considered to have for accrued to said shut-in well on the date the test is completed.

(4) That any transfer well which has not been connected to a transportation facility at the beginning of the test shall have its allowable assigned in accordance with the applicable proration order.

(5) That any shut-in well which has not been assigned an allowable prior to the effective date of this order shall be assigned an allowable from the date of connection to a transportation facility, provided said date is not more than forty-five days prior to the beginning of the test.

If, however, the shut-in well has not been connected to a transportation facility at the beginning of the test its allowable shall begin on the date when the well would have delivered gas into a transportation facility had the well not been shut-in, such date to be determined from an affidavit by the gas purchaser.

(6) That all shut-in wells be and the same are hereby excepted from the requirements of Order R-333-C and D until the date of first delivery of gas into a gas transportation facility after the completion of the test.

(7) That the Commission be and the same is hereby authorized to administratively approve the substitution of wells designated to participate in any of the tests listed in this order, provided that no well shall be designated as a transfer well which is not on the same basic lease as the shut-in well.

(8) That in order to establish the starting date of any maximum pressure build-up test listed in this order, the operator shall notify the Santa Fe and Aztec offices of the Commission at the time the well is shut-in and padlocked, which date shall be the starting date of the maximum pressure build-up tests. Provided, that any test started before the date of this order on which the operator can furnish adequate proof that the well has not been blown to the air or produced in any manner, may have the starting date of the test begin as of the date of the shutting-in of the test well.

(9) That the shut-in well on all tests listed in Charlowder shall be padlocked in such a manner so as to definitely prevent

-7-CASE No. 2294 Order No. R-1998

the opening of any value except during the taking of the pressure readings.

(10) That the results of all pressure readings on the abovedescribed tests shall be filed with the Commission's Aztec and Santa Fe offices within a reasonable time after the completion of the last test authorized herein. These data shall be filed in both tabular and graphic form and shall show the date that the test well was shut-in, the date and the pressure at each pressure reading, and the length of time that the well was shut-in prior to each reading. The graph shall depict the pressure build-up in pounds per square inch absolute plotted against shut-in time in days.

(11) That the authority herein granted shall terminate one year from the date of this order; provided, however, that the Secretary-Director may approve an extension of time for the taking of the subject tests for good cause shown.

(12) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

> STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

A. L. PORTER, Jr., Member & Secretary

SEAL

esr/

El Paso Natural Gas Company occ

El Paso, Jexas 1933 FEB 4 AN 8 29 Care 2110

February 1, 1963

Mr. A. L. Porter Oil Conservation Commission Of the State of New Mexico Post Office Box 871 Santa Fe, New Mexico

- State Repairs

Dear Mr. Porter:

I have enclosed for filing with the Commission the original and two copies of El Paso Natural Gas Company's application for an order authorizing the conducting of maximum pressure build-up tests and the noncancellation and/or transfer of allowables for wells involved in such testing program in the Blanco-Mesaverde, Basin-Dakota, Aztec-Pictured Cliffs, Ballard-Pictured Cliffs, and South Blanco-Pictured Cliffs Gas Pools, San Juan and Rio Arriba Counties, New Mexico.

We would like to get this case set before an examiner as soon as possible.

Yours very truly,

GARRETT C. WHITWORTH ATTORNEY

DOCKET MAILED

Date 2/25/63

GCW: cak

Enclosures

A. K. MONTGOMERY WN. FEDERICI FRANK ANDREWS FRED C. HANNAHS GEORGE A. GRAHAM, JR. RICHARD S. MORRIS SETH, MONTGOMERY, FEDERICI & ANDREWS ATTORNEYS AND COUNSELORS AT LAW 301 DON GASPAR AVENUE SANTA FE, NEW MEXICO

March 6, 1963

J. O. SETH

POST OFFICE BOX 828 TELEPHONE YU 3-7315

New Mexico Oil Conservation Commission State Land Office Building Santa Fe, New Mexico

Gentlemen:

Please consider this letter as an entry of appearance by this firm on behalf of El Paso Natural Gas Company in the Case 2770, scheduled for hearing before one of the Commission's examiners on March 7, 1963. Mr. Garrett Whitworth of the Texas bar will present the case for El Paso Natural Gas Company.

Very truly yours,

fund & morris

RSM:s

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF EL PASO NATURAL GAS COMPANY FOR AN ORDER AUTHORIZING THE CON-DUCTING OF MAXIMUM PRESSURE BUILDUP TESTS AND THE NONCANCELLATION AND/OR TRANSFER OF ALLOWABLES FOF WELLS INVOLVED IN SUCH TESTING PROGRAM IN THE BLANCO-MESAVERDE, BASIN-DAKOTA, AZTEC-PICTURED CLIFFS, BALLARD-PICTURED CLIFFS, AND SOUTH BLANCO-PICTURED CLIFFS GAS POOLS, SAN JUAN AND RIO ARRIBA COUNTIES, NEW MEXICO

1:All OFFICE OCC

CASE NO.

$\underline{A} \ \underline{P} \ \underline{P} \ \underline{L} \ \underline{I} \ \underline{C} \ \underline{A} \ \underline{T} \ \underline{I} \ \underline{O} \ \underline{N}$

TO THE HONORABLE COMMISSION:

COMES NOW El Paso Natural Gas Company, hereinafter referred to as "Applicant" and alleges and states:

I.

Applicant is a Delaware corporation with a permit to do business in the State of New Mexico;

II.

Applicant is the operator of oil and gas leases in the Blanco-Mesaverde, Basin-Dakota, Aztec-Pictured Cliffs, Ballard-Pictured Cliffs, and South Blanco-Pictured Cliffs Gas Pools, as delineated by orders of this Commission, and the gas wells located on said leases as described in Exhibit "A" which is attached hereto and made a part hereof;

III.

There is a continuing need for reservoir information concerning said pools and such information should be obtained by shutting in the wells listed in said Exhibit "A" and conducting maximum pressure build-up tests with respect to same. Applicant proposes to complete such tests as soon as possible following the date of issuance of the Commission's order in this case.

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Such proposed tests would not constitute waste nor violate correlative rights and should be authorized;

IV.

V.

All wells shut-in for the purpose of conducting such tests should be excepted from the requirements of Testing Order R-333-F of this Commission during the time. that the maximum pressure build-up tests are being conducted;

VI.

Applicant should be permitted to transfer the allowable which accrues to any shut-in well during its testing period to any other offset well or wells on the same basic lease; and that the transfer of such allowable to any specific well or wells should be upon request of Applicant and authorization of the Commission issued in the form of a supplemental allowable to such transfer well;

VII.

The underage and overage balancing provisions of the General Rules and Regulations for Northwestern New Mexico adopted by Order No. R-1670 as amended of this Commission and the Special Pool Rules with respect to overage and underage balancing provisions affecting the above mentioned gas pools should be suspended as to each affected shut-in and transfer well located in each such respective gas pool until the end of the six-month proration period following the proration period during which the testing of each such shut-in well is completed.

VIII.

-2-

In addition to the maximum pressure build-up tests stipulated herein, the order sought by this application <u>should</u> provide for the granting of administrative <u>approval</u> to conduct such substitute tests as Applicant may in its discretion deem necessary for obtaining more thorough and complete reservoir information with respect to said gas pools if there is no objection thereto.

WHEREFORE, Applicant respectfully requests this matter to be set for hearing as prescribed by law, and that upon notice and hearing the Commission issue its Order authorizing the conducting of maximum pressure build-up tests with respect to the wells listed in Exhibit "A" hereto located in the Blanco-Mesaverde, Basin-Dakota, Aztec-Pictured Cliffs, Ballard-Pictured Cliffs and South Blanco-Pictured Cliffs Gas Pools located in San Juan and Rio Arriba Counties, New Mexico, and such substitute tests as Applicant may in its discretion deem necessary to conduct after first having obtained administrative approval therefor, and the noncancellation and/or transfer of allowables for all wells involved in such testing program in the manner herein described, or in such manner as the Commission shall deem necessary and proper.

-3-

worth

Attorney for Applicant

EXHIBIT "A"

BLANCO-MESAVERDE

Atlantic No. 5-A SW/4 Sec. 26, T-31-N, R-10-W Atlantic No. 8-A NE/4 Sec. 29, T-31-N, R-10-W Barnes No. 7 SW/4 Sec. 23, T-32-N, R-11-W Barrett No. 2 NE/4 Sec. 19, T-31-N, R-9-W Gartner No. 2 NE/4 Sec. 28, T-30-N, R-8-W Hughes No. 3 NE/4 Sec. 20, T-29-N, R-8-W Lucerne No. 2-A NE/4 Sec. 9, T-31-N, R-10-W San Juan 30-6 Unit McElvain No. 1-A, NE/4 Sec.23, T-30-N, R-7-W Riddle No. 2 SW/4 Sec. 3, T-30-N, R-9-W Schwerdtfeger No. 1 SW/4 Sec. 27, T-31-N, R-9-W

BASIN-DAKOTA

Allison Unit No. 1 NW/4 Sec. 17, T-32-N, R-6-W Jicarilla No. 67-10 SW/4, Sec. 30, T-25-N, R-5-W Lackey No. 13-B SW/4, Sec. 20, T-28-N, R-9-W Michener No. 3 SW/4, Sec. 15, T-28-N, R-9-W Heaton No. 14 NE/4, Sec. 29, T-31-N, R-11-W Ludwick No. 16 NE/4, Sec. 31, T-30-N, R-10-W Rincon Unit No. 136, SW/4, Sec. 23, T-27-N, R-7-W San Juan 28-5 Unit No. 35 SW/4, Sec. 19, T-28-N, R-5-W [Huerfano Unit No. 117 SE/4, Sec. 16, T-26-N, R-10-W \lesssim Huerfano Unit No. 125 NW/4, Sec. 30, T-26-N, R-9-W

AZTEC-PICTURED CLIFFS

Ludwick No. 2, SE/4 Sec. 19, T-30-N, R-10-W

BALLARD-PICTURED CLIFFS

Ballard No. 2-14 (No. 6) NW/4 Sec. 14, T-16-N, R-9-W J Quitzan No. 3 SE/4 Sec. 11, T-25-N, R-8-W Wilson No. A-1 NW/4 Sec. 32, T-26-N, R-8-W

SOUTH BLANCO-PICTURED CLIFFS

Jicarilla No. 1-B NW/4 Sec. 28, T-25-N, R-4-W Jicarilla No. 8-E NW/4 Sec. 20, T-25-N, R-4-W

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW NEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL COMSERVATION CONMISSION OF NEW MEXICO FOR THE FURPOSE OF COMSIDERING:

> CASE No. 2770 Order No. R-2460

APPLICATION OF BL PASO HATURAL GAS COMPANY FOR AUTHORITY TO COMDUCT MAXIMUM PRESSURE BUILD-UP TESTS, BAN JUAN AND RIO ARRIBA COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on March 7, 1963, at Santa Fe, New Mexico, before Daniel S. Mutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this <u>lst</u> day of April, 1963, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, El Paso Natural Gas Company, seeks authority to conduct maximum pressure build-up tests in the Blanco-Mesaverde Gas Pool, the Basin-Dakota Gas Pool, the Aztec-Pictured Cliffs Gas Pool, the Ballard-Pictured Cliffs Gas Pool, and the South Blanco-Pictured Cliffs Gas Pool, San Juan and Rio Arriba Counties, New Mexico.

(3) That the proposed maximum pressure build-up tests would provide additional reservoir information and would therefore be in the interest of conservation.

(4) That the applicant also seeks the establishment of special rules to govern said tests, including a provision authorizing the non-cancellation or transfer of allowables from wells shut-in in each pool and including a provision allowing substitute tests by administrative approval.

-2-CASE No. 2770 Order No. R-2460

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(5) That the proposed tests will not cause waste or impair correlative rights.

(6) That special rules should be promulgated to govern the proposed tests in order to assure prevention of weste and protection of correlative rights.

DE IS THEREPORE ORDERED:

That the applicant, El Paso, Natural Gas Company, is hereby authorized to conduct maximum pressure build-up tests on the wells hereinafter designated "Shut-in Wells" and to transfer any allowable accruing to said wells during the tests to one or more of the wells hereinafter designated "Transfer Wells" for the same test, subject to the Special Maximum Pressure Build-up Test Rules set out below:

SHUT-IN WELLS

TRAMEFER WELLS

BLANCO-MESAVERDE GAS POOL

El Paso-Atlantic No. 5-A, Unit L, S 26, T-31M, R-10W	El Paso-Atlantic No. 1-A, Unit H, 3 27, T-31H, R-10W
	El Paso-Atlantic No. 9-A, Unit N, S 27, T-31N, R-10W
	El Paso-Atlantic No. 2-A, Unit A, 3 28, T-31M, R-10W
	El Paso-Atlantic No. 3-A, Unit M, S 28, T-31M, R-10W
SI Paso-Atlantic No. 8-A, Unit A, S 29, T-31N, R-10W	El Paso-Atlantic No. 7-A, Unit K, S 29, T-31N, R-10W
Bl Paso-Barnes No. 7, Unit K, S 23, T-32N, R-11W	No transfer well.
El Paso-Barrett No. 2, Unit B, 3 19, T-31N, R-9W	El Paso-Barrett No. 3, Unit K, S 20, T-31N, R-9W
	El Paso-Barrett No. 4, Unit A, 3 20, T-31N, R-9W
El Paso-Gartner No. 2, Unit G, S 26, T-30N, R-8W	El Paso-Gartner No. 1, Unit N, S 28, T-30N, R-8W

-3-CASE No. 2770 Order No. R-2460

El Paso-Rughes No. 3,

El Paso-Lucerne A-2,

El Paso-McElvain A-1,

Unit B, S 9, T-31M, R-10W

Unit A, S 23, T-30N, R-7W

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Unit B, S 20, T-298, R-8W

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El Paso-Gartner No. 3, Unit N, 8 33, T-30M, R-6W

El Paso-Gartmor No. 4, Unit H, S 33, T-36H, R-6W

El Paso-Gartmar Mo. 5, Unit M. S 27, T-30M, M-8W

El Paso-Gartner No. 8, Unit A, 3 26, T-JON, R-8W

El Paso-Hughes No. 2, Unit A, S 19, T-29M, R-6W

El Paso-Haghes No. 4, Unit N, S 20, T+29M, R-8W

El Paso-Heghes No. 5, Unit N, S 21, T-29M, A-SW

El Paso-Haghes No. 6, Unit G, 8 21, T-29H, R-SW

El Paso-Hughes No. 7, Unit M, S 29, T-29M, R-SW

El Paso-Hughes No. 8, Unit H, S 29, T-29H, R-8W

El Paso-Lucerne No. 3-A, Unit K, 8 3, T-31N, R-10W

El Pasc-Incorne Mo. 4-A, Unit H, 3 10, T-31N, R-10W

El Paso-McElvain No. 2-A, Unit K, S 23, T-30N, R-7W

El Paso-McElvain No. 3-A, Unit H, S 24, T-30N, R-7W

El Paso-McElvain No. 4-A, Unit K, S 24, T-30N, R-7W

El Paso-McElvain No. 5-A, Unit A, 3 25, T-30N, R-7W

El Paso-McElvain No. 6-A, Unit L, S 25, T-30N, R-7W -4-CASE No. 2770 Order No. R-2460

H1 Paso-H. K. Riddle No. 2, Unit L, S 3, T-30H, R-9W

El Paso-Schwerdtfeger No. 1, Unit M, S 27, T-310, R-9N

El Paso-SJU 28-6 HG. 37, Unit K, S 6, T-27H, R-6W

El Paso-H. K. Riddle No. 1, Unit D, 8 4, T-30W, N-9W

No transfer well.

H1 Pase-3JU 28-6 No. 39, Unit N, S 5, T-27N, R-6N

El Paso-SJU 28-6 Ho. 43, Unit A, S 7, T-27H, R-6W

El Paso-SJU 28-6 No. 54, Unit N. S 7, T-27N, R-6N

H1 Paso-3JU 28-6 No. 22, Unit H, S 8, T-27N, R-6N

BASIN-DAKOTA GAS POOL

El Paso-Allison Unit No. 1, Unit E, S 17, T-32N, R-6N El Paso-Allison Unit No. 20, Unit El Paso-Allison Unit No. 23-X,

El Paso-Jicarilla 67 Federal No. 10, Unit M, S 30, T-25M, R-5W

El Paso-Lackey B-13, Unit K, S 20, T-28N, R-9W

El Paso-Michener No. 3,

El Paso-Heaton No. 14, Unit G, S 29, T-31N, R-11W

Unit M, S 15, T-28N, R-9W

El Paso-Lackey B-12, Unit N, S 21, T-28N, R-9W

Unit M, S 19, T-32N, R-6W

El Paso-Jicarilla 67 Federal

No. 5, Unit M, S 29, T-25M, R-5W

El Paso-Lackey B-14, Unit A, S 30, T-28N, R-9W

El Paso-Lackey B-17, Unit G, S 21, T-28N, R-9W

No transfer well.

El Paso-Heaton No. 1, Unit A, S 28, T-31N, R-11W

El Paso-Heaton No. 16, Unit L, S 28, T-31N, R-11W -5-CASE No. 2770 Order No. R-2460

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El Paso-Ladwick No. 16, Unit G, S 31, T-30M, R-10W

El Paso-Rincon Unit No. 136, Unit A, S 23, T-27M, R-7W

El Paso-SJ 28-5 Unit No. 35, Unit M, S 19, T-28W, R-5W

El Paso-Huerfano Unit No. 117,

Unit P, 3 16, T-26N, R-10W

El Paso-Indwick No. 15, Unit A, 8 19, T-30M, R-10W

El Paso-Ludwick Ho. 17, Unit B, S 29, Y-JOH, R-10W

El Paso-Ludwick No. 20, Unit K, S 29, T-30H, R-10W

Bl Paso-Ludwick No. 21, Unit H, S 31, T-30H, R-10W

El Paso-Rincon Unit No. 133, Unit K, S 14, T-27H, R-7W

El Paso-Rincon Unit No. 137, Unit K. S 24, T-27N, R-7W

H1 Paso-Rincon Unit No. 138, Unit A, S 25, T-27M, R-7W

El Paso-Rincon Unit No. 151, Unit B, S 14, T-27N, R-7W

El Paso-Rincon Unit No. 167, Unit B, S 13, T-27B, R-7W

El Paso-Rincon Unit No. 177. Unit L. S 13, T-27N, R-7N

El Paso SJU 28-5 No, 33, Unit L, S 17, T-28M, R-5W

El Paso-SJU 28-5 No. 34, Unit M, S 18, T-28N, R-5W

El Paso-SJU 28-5 No. 41, Unit A, 3 32, T-28N, R-5W

El Paso-SJU 28-5 No. 42, Unit K, S 31, T-28N, X-5W

El Paso-Huerfano Unit No. 104, Unit P, S 17, T-26N, R-10W

El Paso-Huerfano Unit No. 116, Unit C, S 11, T-26N, R-10W

El Paso-Huerfano Unit No. 121, Unit F, S 27, T-26N, R-10W -6-CASE No. 2770 Order No. R-2460

El Paso-Huerfano Unit Ho. 125, Unit E, S 30, T-26E, R-9W El Paso-Huerfano Unit No. 111, Unit F, S 20, 7-26H, N-9W

El Paso-Huerfano Unit Ho. 120, Unit C, S 25, T-26H, R-10W

El Paso-Hearfano Unit No. 130. Unit D. S 29, T-26N, R-9W

El Paso-Huerfano Unit Mo. 134, Unit J, S 36, T-26M, R-10W

El Paso-Huerfano Unit No. 136, Unit J, 3 21, T-26N, R-9W

El Paso-Huerfano Unit No. 137, Unit J. 3 31, T-26N, R-9W

AZTEC-PICTURED CLIFFS GAS POOL

El Paso-Indwick No. 2,	El Paso-Ludwick No. 1, Unit E,
Unit P, 8 19, T-308, R-10W	s 29, T-308, R-10 W

El Paso-Ludwick No. 3, Unit O, S 29, T-30H, R-10W

81 Paso-Ludwick No. 4, Unit A, 3 31, T-30N, R-10W

Bl Paso-Ludwick No. 5, Unit F, S 31, T-30N, R-10W

El Paso-Ludwick No. 6, Unit L, S 19, T-30E, R-10W

BALLARD-PICTURED CLIPPS GAS POOL

El Paso-Ballard No. 6,El Paso-Ballard No. 5, Unit P,Unit E, S 14, T-26N, R-9WS 14, T-26N, R-9W

El Paso-Gallard No. 3, Unit H, S 14, T-26N, R-9W

El Paso-Ballard No. 4, Unit M, 8 14, T-26N, R-9W

El Paso-Ballard No. 7, Unit E, S 15, T-26N, R-9W -7-CASE No. 2770 Order No. R-2460

El Paso-Quitzau No. 3,

Unit P, S 11, T-25H, R-8W

9 . S

El Paso-Ballard No. 8, Unit H. S 15, T-26H, R-9W

El Paso-Hallard No. 9, Unit 0, S 15, T-26M, R-9M

El Paso-Ballard No. 10, Unit L. 8 15, T-260, R-90

El Paso-Quitzau No. 1, Unit D, S 3, T-25N, R-8W

El Paso-Quitzau Mo. 2, Unit F, S 11, T-25M, R-8W

El Paso-Quitzau No. 4, Unit O, S 3, T-25N, R-8W

El Paso-Quitzau No. 5, Unit N, S 3, T-25N, R-SN

El Paso-Quitzau No. 6, Unit A, S 10, T-25H, R-8W

El Paso-Quitzau No. 11, Unit A, S 3, T-25N, R-8W

El Paso-Wilson No. A-1, Unit F, S 32, T-26N, R-8W El Paso-Wilson No. A-2, Unit K, S 32, T-26N, R-8N

SOUTH BLANCO-PICTURED CLIPTS GAS POOL

El Paso-Jicarilla B No. 1,	El Paso-Jicarilla B No. 3, Unit
Unit F, S 28, T-25N, R-4W	0, S 28, T-25H, R-4W

El Paso-Jicarilla B No. 5, Unit M, S 27, T-25N, R-4W

El Paso-Jicarilla B No. 6, Unit B, S 33, T-25N, R-4W

El Paso-Jicarilla B No. 7, Unit J, S 27, T-25N, R-4W

El Paso-Jicarilla B No. 8, Unit G, 3 28, T-25N, R-4W

El Paso-Jicarilla B No. 9, Unit K, 3 28, T-25N, R-4W -8-CASE No. 2770 Order No. R-2460

El Paso-Jicarilla E No. 8, Unit F, S 20, T-25N, R-4W

El Paso-Jicarilla B Ho. 10, Unit K, S 34, T-25H, R-4W

El Pago-Jicarilla B No. 13, Unit P, S 34, T-25M, R-4W

El Pasc-Jicarilla B No. 14, Unit C, S 33, T-25N, R-4W

El Paso-Jicarilla E No. 1, Unit H, S 19, T-25M, R-4W

El Paso-Jicarilla E No. 2, Unit O, S 19, T-25M, R-4W

El Paso-Jicarilla E No. 3, Unit N, S 18, T-25M, R-4W

El Paso-Jicarilla E Mo. 4, Unit J, S 18, T-25H, R-4W

El Paso-Jicarilla E Mo. 5, Unit E, S 20, T-25H, R-4W

El Paso-Jicarilla E No. 6, Unit P, S 20, T-25N, R-4W

El Paso-Jicarilla E Mo. 9, Unit D, S 19, T-25M, R-4W

El Paso-Jicarilla E No. 11, Unit L, S 19, T-25M, R-4W

SPACIAL MARIMUM PRESSURE BUILD-UP TEST BULES

<u>RULE 1</u>. Any operator desiring an allowable transfer shall submit a request for the same to the Commission setting out the amount of allowable which he proposes to transfer and the name and location of the well or wells which are to receive the same. Such transfers must be to wells on the same basic lease as the shut-in well. If approved, the transfer shall be effected upon completion of the test if a deliverability test for the proration year in which the test is completed has been filed for the well. If a deliverability test has not been filed for the proved, shall be effected upon receipt of said deliverability test for the well.

RULE 2. The provisions of Order No. R-1670 requiring cancellation of underproduction and the shutting in of

-9-CASE No. 2770 Order No. R-2460

overproduced wells shall be suspended for all shut-in and transfer wells insofar as concerns any overage or underage accrued to such wells at the time a test is commenced; provided, however, that said wells shall be subject to the said provisions of Order No. R-1670 at the end of the six-month provation period following the provation period in which the test is completed.

EVILE 3. Any allowable which accrues to a shut-in well during a test and which is not transferred shall be considered to have accrued to said shut-in well on the date the test is completed.

<u>RULE 4.</u> Any transfer well which has not been connected to a transportation facility at the beginning of the test shall have its allowable assigned in accordance with the applicable promation order.

<u>RULE 5.</u> Any shut-in well which has not been assigned an allowable prior to the effective date of this order shall be assigned an allowable from the date of connection to a transportation facility if said date is not more than forty-five days prior to the beginning of the test. If the shut-in well has not been connected to a transportation facility at the beginning of the test, its allowable shall begin on the date when the well would have delivered gas into a transportation facility had the well not been shut in, such date to be established by affidavit from the gas purchaser.

<u>RULE 6</u>. All shut-in wells are hereby excepted from the requirements of Order No. R-333-F until the date of first delivery of gas into a gas transportation facility after completion of the test.

<u>RULE 7.</u> The Secretary-Director of the Commission is hereby authorized to administratively approve the substitution of wells designated to participate in any of the tests, but no well shall be designated as a transfer well which is not call the same basic lease as a point of well.

<u>RULE 8</u>. The official starting data of a test shall be established by affidavit from the operator and shall be the date the well was shut in for the purpose of testing and not thereafter produced in any mannor. Affidavits shall be filed with the Sante Fe and Aztec offices of the Commission.

<u>RULE 9.</u> All shut-in wells shall be padlocked in a manner that will prevent the opening of any value by unauthorized persons. Values on shut-in wells shall be opened only for the purpose of taking pressure readings.

RULE 10. The results of all pressure readings shall be filed with the Commission's Aztec and Santa Fe offices within 30 days -10-CASE No. 2770 Order No. R-2460

after the completion of the last test authorized. The data shall be filed in both tabular and graphic form and shall show the date that the test well was shut in, the date and the pressure at each pressure reading, and the length of time that the well was shut in prior to each reading. The graph shall depict the pressure buildup in pounds per square inch absolute plotted against shut-in time in days.

IT IS FURTHER ORDERED:

(1) That the authority herein granted shall terminate one year from the date of completion of the last test authorized by this order.

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

DOME at Santa Fe, New Maxico, on the day and year hereinabove designated.

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

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R. WALKER, Momber iter Ί.

A. L. PORTER, Jr., Momber & Secretary



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PAGE 2


have one witness to be sworn, Mr. Jerry Hickson.

(Witness sworn.)

(Whereupon, Applicant's Exhibit No. A marked for identification.)

GERALD A. HICKSON

called as a witness herein, having been first duly sworn on oath, testified as follows:

DIRECT EXAMINATION

BY MR. WHITWORTH:

Q Will you please state your full name, by whom and in what capacity you are employed?

A Gerald A. Hickson, proration engineer for El Paso Natural Gas Company.

Q Have you previously testified as an expert witness before this Commission, and your qualifications have been made a matter of record; is that true?

A That's correct.

Q Mr. Hickson, this is an application by El Paso Natural Gas Company for the conducting of maximum pressure puild-up tests and non-cancellation and/or transfer of allowables on certain wells in the San Juan Basin, is that right?

A Yes, sir, and also for exception to Order 333-F.

What does Order 333-F contain?

A That provides for testing of wells in San Juan Basin prorated pools.

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What pools are involved in this application?

PAGE 4

A The Blanco-Mesaverde, the Basin-Dakota, Aztec-Pictured Cliffs, Ballard-Pictured Cliffs, and South Blanco-Pictured Cliffs. Q Do you have an exhibit that sets out the wells that are involved and the test well data and the plat showing the location of each individual well, along with the wells on the same basic lease?

A Yes, sir, I do, Exhibit A.

Q

PARMINGTON, N. M. PHONE 325-1182

SERVICE, Inc.

REPORTING

DEARNLEY-MEIER

АГРИОНТКОИЕ, N. M. РНОИТ 243 6691

SANTA FE, N. M. PHONE 983-397

Q Is that El Paso's Exhibit A? What does El Paso Exhibit A consist of?

A El Paso's Exhibit A is in 27 parts, one for each well and each part consisting of two pages, one which is the test well data on the test well, also listing the transfer wells and the deliverability and the date of the test of its deliverability.

The second sheet is a plat with a nine or 16 section range of the area of the transfer wells and the test well.

Q Why is it necessary to conduct these maximum pressure build-up tests, Mr. Hickson?

A In the San Juan Basin, the promated pools exhibit the characteristic of having clow build-up on their shut-in pressures, which reflects low reserves. In order to determine the reserves of the San Juan dasin, we must have accurate shut-in pressures and this is a means of obtaining them, by pressure build-up test. Q This is a continuing thing, is it not? This isn't the first time that El Paso has made this type of application?



A No, sir. We have tested a number of wells in the San Juan Basin in most of the prorated pools, and this is the third test for some of the wells on this application. We are just now beginning to receive information which will be of value in calculating the reserves by decline method or original volumetric method.

Q Now the request that El Paso makes in the application for the transfer of allowables for the wells that are being tested to other wells on the same pasic lease, would you care to comment on that?

A Excuse me, I didn't understand that.

FARMINGTON, N. M. PHONE 325-1182

DEARNLEY-MEIER REPORTING SERVICE, Inc.

SANTA FE. N. M. PHONE 963-397

NUMBUERGUE, N. M. PHONE 243 5691 Q The transfer of allowables and/or the transfer of allowables or the non-cancellation of allowables, that pertains only to wells on the same basic lease?

A That's correct. We propose to shut in each of these wolls after a deliverability test has been taken, and then after the well has been turned back on and the status is carried forward, we will take that allowable and transfer it to all the wells on the same basic lease in a manner in which we can recover this same allowable.

Q In your estimation, on the average how long will it take to conduct these tests?

A Well, it's hard to say. We have never tested any of these Basin-Dakota wells. Well, we have one test which took in the neighborhood of 180 days on a Basin-Dakota well. On some of

the other wells, it ranges from 120, 130 days up to six, 700 days. It just depends on the formation.

Q What are the requirements of Order R-333-F that El Paso seeks to except?

A The requirements are that each well must be tested annually for deliverability test and the wells that we propose to shut in will have a deliverability test this year, but if it goes through next year, through 1964, this is the exception that we are asking for, that the well be permitted to forego this test in 1964.

Q In our application, we stated that the Applicant proposes to complete such tests as soon as possible following the date of issuance of the Commission order in this case, and you have already commented on what you consider to be a reasonable time for conducting the test?

A Yes, sir.

What does El Faso propose with respect to the underage and overage requirements of Order R-1670 pertaining to the Northwest?

A We are processing that this be suspended until a period six months after a cull balancing period after the wells have been taken off test.

2. What is your recommendation as to administrative approvation conduction tests for recorvoir information?

I didn't understand that.

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There is a paragraph in our application which states that in addition to the maximum pressure build-up tests, we are seeking an order that should provide for the granting of administrative approval to conduct such substitute tests as we may in our discretion deem necessary for obtaining more thorough and complete reservoir information.

Yes, sir.

Α

Q What type of reservoir information are we talking about? A We are talking about the same pressure information, and what we're requesting by this portion of the application was in case of mechanical troubles or some type of trouble that we can't see at this time, for instance, if we cannot get the pressure on one of the wells that we are asking for here, we would request the Commission by administrative approval grant us permission to use another well on the same pasic lease instead of the well that we're asking for today.

Q That would be done by letter of request to the Secretary-Director of the Commission?

A Yes, sir.

Q Do you have anything else that you would like to add to your testimony?

A Yes, sir. Order R-1998 is an acceptable order for this type of case, with exception of part 11 of that order. I don't know if the Commission has that available or not. I would like to read from that order. "That the authority herein granted shall

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terminate one year from the date of this order; provided, however, that the Secretary-Director may approve an extension of time for the taking of the subject tests for good cause shown. I would suggest that this be modified and that this order shall terminate after the final test has been completed which was granted under the order.

Q In other words, you don't want to be limited to one year?

A No, sir, because we know in some cases that it will definitely take more than one year to obtain maximum pressure build-up.

Q The order that you just read from was an order previously issued by this Commission as a result of a similar type application by El Paso?

A That is correct.

MR. WHITWORTH: That's all we have.

MR. NUTTER: Are there any questions of Mr. Hickson? MR. WHITWCRTH: I have one more.

Q (dy Mr. Whitworth) This Exhibit A, that was prepared under your direct supervision?

A Yes, it was.

MR. WHITWORIH: We ask that be received in evidence. MR. MUTTER: Exhibit A will be admitted in evidence.

(Whereupon, Applicant's dxhibit A admitted in evidence.)



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• 1	CROSS EXAMINA FICN
• :	BY MR. NUTTER:
	Q Do I understand that 1963 deliverability tests will be
	completed on all these wells prior to shutting them in?
•	A Yes, we always take a deliverability test and then sta
	the shut-in period for the shut-in period of the deliverability
Inc.	test.
ICE.	Q So any exception to the annual test would be for 1964?
SERVICE	A Yes, that's correct.
SF	In Section 7 of the application, you want the underage
ING	and overage balancing provisions suspended for these wells. You
<u> </u>	want them suspended for a full six months after a full balancing
REPORI SANTA FE. N. M.	period
RE	A No.
ER	Q after the test is completed?
DEARNLEY-WEIER	A No, it would be a full six months after the period has
<i>ү-</i> Х.	been, the period in which the test was completed.
VLE	Q In other words, it is completed during a six months
4R1	period?
DE_{c}	A That's correct.
ž	
лтилопци	that?
	A That's correct.
	And then the underage or overage provisions would apply
	A Yes, sir.

Q You want administrative approval for such wells as you may deem necessary in Section 8. This would be for the shut-in well or for the producing well, also?

A Is this Section 8 --

Q Of the application.

A -- of our application. Excuse me. This would be a well that's on the same basic lease as one of the wells that we're asking for today.

Well, I understand that, but do you want this administrative approval of the substitution wells to apply only to the wells that are being shut-in, or to the wells that are being shut-in as well as the wells that would receive the allowable as transferred allowable? In other words, could you substitute the transfer wells as well as shut-in wells?

A Substitute them for a shut-in well, is that my understanding of the question? The provisions of 8 --

Q It would be on the same basic lease; that's one provision, that the substition wells would be a substitute well on the same basic lease, is that correct?

A That's correct.

Now would you limit the substitution to the wells which are being shut-in only, or would you also want to provide that if you substituted a well that's shut-in, if you substituted another well for the designated shut-in well, that you could also substitute a well which would receive that well's allowable?

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A No. No, we're asking that only the wells listed on each of these exhibits be included. Now to give an example of this, if we took the first one, Atlantic 5-A, it has five transfer wells. As this portion of Number 8, if we took one of the wells and used it as the shut-in well, we would actually substitute for it just the Atlantic 5-A, the other wells would still be transfer wells.

Q We're on this Atlantic 5-A; that's the shut-in well, right?

A That's correct.

FARMINGTON, N. M. PHONE 325-1182

SFRVICE, Inc.

DEARNLEY-MEIER REPORTING

FE. N. M. 983-3971

SANTA PHONE

ALBUQUERGUE, N. M. PHONE 243 6691 Q And there are four wells on that lease which would receive the allowable?

A Or the Atlantic 5-A. The Atlantic 5-A, at the end of the balancing period --- rather, when the test is completed, we take the allowaple and assign it to all of the wells, also the 5-A: the 5-A actually receives a portion of the allowaple if the rest of the wells on the same basic lease have not overproduced by the amount that the 5-A underproduced.

 \propto If you substituted the L-A for the 5-A as the shut-in well, then the 5-A could produce some of L-A's allowable?

A That is correct.

Q So the substitution works for the shut-in well as well as the transfer well?

A That is correct.

In all events, it would be limited to the same lease as

PAGE 12 the wells which are depicted on Exhibit A? А Yes. MR. NUITER: Are there any further questions of Mr. Hickson? FARMINGTON, N. M. PHONE 325-1182 MR. UTZ: Yes, I have one. Inc. BY MR. UTZ: Q Are any of these wells listed on your Exhibit A, which DEARNLEY-MEIER REPORTING SERVICE. is 27 wells, I believe, plus all your transfer wells, are any of those wells marginal wells at this particular time? А Not to my knowledge, not when these exhibits were prepared. SANTA FE, N. M. PHONE 983.397 If any of those wells are marginal wells, then there Q would not be any reason to include them in this order, would there? A. No, sir. Q Does Order 1998 provide for notification to the Commission for the beginning and the ending of these tests? A Yes, sir, it does. Q And that would be agreeable if it was in the order you are requesting now? ALPUQUERGUL, N. M. PHONE 243 6691 A Yes, sir. MR. UTZ: That's all. A We notify the Commission at the same time we take the deliverability tests on these wells, and then on completion of a test we request that the allowable be transferred, which is the notification of the end.



MR. DURREIT: May I ask a question? MR. NUTTER: Yes, sir.

BY MR. DURRETT:

Q Mr. Hickson, I would like to clear up a little bit this statement or the proposition that you propose, that you want the order to terminate after the last test is taken, is that correct?

A Yes, sir.

Q You mean just automatically terminate upon completion of the last test that's approved?

A Well, now that I think about it, that might -- we are suspending the balancing provisions for six months after the last test, on the last test the same as we are, say, when the first one comes off, so actually we would have to make it for probably one year after the last test is completed to insure that if you took a test of cay the first month into one balancing period you would have five months olus an additional six months for that well to make up its underproduction or lose it.

MR. NUETER: So in that regard, the order would have to remain in effect after the tests were completed?

A One year after the tests were completed.

Q (By Mr. Durrett) One other question on this same line. What is the longest period of time that you would estimate that might be involved on testing it?

A The San Juan 286 No. 37, which is one of the wells under

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this application. there's 492 days; and we have one longer than that, which is the Atlantic 5-A, which was 645 days. We don't know what the Basin-Dakotas will do because we never had a test on any of these wells before. I don't believe it will be this period of time.

Q But as of this date, 645 days is the longest test you have experienced?

A Under this group of wells, yes, I'm not sure; it seems to me like we had one longer.

MR. DURRETT: Thank you.

MR. NUTTER: Any further questions of Mr. Hickson? He may be excused.

(Witness excused.)

MR. NUTTER: Do you have anything further, Mr. Whitworth? MR. WHITWORTH: The information that El Paso obtains as a result of this test is passed along; these tests are passed along to the Commission: that's right, Mr. Hickson?

> MR. HICKSCO: That's correct; that's under the order. MR. WHITERM: That's all I have.

MR. MUTTER: Anything further in Case 2770? We will take the case under advicement and the hearing is adjourned.

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DEARNLEY-MEIER REPORTING SERVICE, Inc. Alevourbourd, M. M. Santa Fe, N. M. Santa Fe, N. M. FARAMOTON, N. M. PHONE 223 6501
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STATE OF NEW MEXICO COUNTY OF BERNALILLO

FARMINGTON, N. M. PHONE 325-1182

Inc.

DEARNLEY-MEIER REPORTING SERVICE.

SANTA FE, N. M. PHONE 983-3971

ALREQUERCUE, N. M. PHONE 243 6691) ss

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I, ADA DEARNLEY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Proceedings before the New Mexico Cil Conservation Commission was reported by me, and that the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability.

WITNESS my Hand and Seal this 26th day of March, 1963.

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My Commission Expires:

June 19, 1963.

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