CASE 6185: MEMOCURAN OIL COMPANY FOR CREATION OF AN ASSOCIATED GAS POOL AND A NOW-STANDARD GAS PROPATION UNIT, LEA COUNTY, NEW MEXICO

_ase Mumber

6105

Application

Transcripts.

sman Exhibits

$\underline{\underline{I}}$ $\underline{\underline{N}}$ $\underline{\underline{D}}$ $\underline{\underline{E}}$ $\underline{\underline{X}}$

CURTIS W. MEWBOURNE

Direct	Examination	рÀ	Mr.	Kellahin	-
Cross	Examination	bv	Mr.	Stamets	•

126-286 (505) **1**3

sid morrish reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

EXHIBITS

Applicant Exhibit One,	Plat	9
Applicant Exhibit Two,	Map	9
Applicant Exhibit Thre	ee, Document	9

Sid morrish reporting service

General Court Reporting Service
825 Calle Mejla, No. 122, Santa Fe, New Mexico 875
Phone (505) 982-9212

MR. STAMETS: Call now Case 6105.

MS. TESCHENDORF: Case 6105. Application of Mewbourne Oil Company for creation of an associated gas pool and a non-standard gas proration unit, Lea County, New Mexico.

MR. KELLAHIN: Tom Kellahin of Kellahin and Fox, Santa Fe, New Mexico, appearing on behalf of the applicant, and I have one witness.

MR. STAMETS: Stand and be sworn, please.
(Witness sworn.)

CURTIS W. MEWBOURNE

being called as a witness on behalf of the Applicant, and having been duly sworn upon his oath, testified as follows, to-wit:

DIRECT EXAMINATION

BY MR. KELLAHIN:

- Q Would you please state your name and occupation?
- A. Curtis W. Mewbourne. I'm a petroleum engineer and President of Mewbourne Oil Company.
- Mr. Mewbourne, have you previously testified before the Commission and had your qualifications as a

petroleum engineer accepted and made a matter of record?

- A. I have.
- Q Have you made a study of and are you familiar with the facts surrounding this application?
 - A Yes, sir, I am.

MR. KELLAHIN: If the Chairman please, are the witness' qualifications acceptable?

MR. STAMETS: They are.

Q (Mr. Kellahin continuing.) Mr. Mewbourne, would you refer to what I have marked as Applicant Exhibit Number One, identify it, and describe to the Examiner what you're seeking to accomplish?

A Exhibit Number One is a plat showing the Querecho Plains-Queen Pool and surrounding sections characterized by the wells included in the Querecho Plains-Queen Pool being in three separate areas separated by areas of little or no control or dry holes related to porosity.

- Q What's the significance of the red circles?
- A. The red circles identify these three separate areas where the wells are grouped in this Querecho Plains-Queen Field, and the acreage outlined in yellow are the tracts we would like to dedicate to the Mewbourne Oil Company Federal "F" No. 1, which is located in the northwest quarter of the southwest quarter of Section 23.
 - Q Is that subject well an oil or a gas well, Mr.

sid morrish reporting service General Court Reporting Service 25 Calle Mejia, No. 122, Santa Fe, New Mexico 8750 Phone (505) 982-9212

10

11

12

13

14

15

16

17

18

19

20

22

23

24

25

Mewbourne?

- A. It is a gas well.
- Q. Are there any other gas wells in this particular field?
 - A. There are not.
- Q What are you seeking with regards to the subject gas well?
- A. We're seeking permission to form a 120-acre non-standard proration unit and the designation of an associated gas pool.
- Q. With regards to the non-standard proration unit, Mr. Mewbourne, the acreage in question, I believe, is Federal acreage, is it not?
 - A. It is.
- A Have you sought and do you have preliminary approval from the USGS with regards to forming a non-standard proration unit consisting of the acreage as shown in the yellow outline?
- A. We have contacted the USGS, outlined our proposals, and have obtained verbal authority to include these three tracts, three 40-acre tracts, in a non-standard 120-acre gas proration unit, subject to approval by the Oil Commission.
- Q Please refer to what we've marked as Exhibit
 Number 2, identify it, and explain what information it con-

sid morrish reporting service

General Court Reporting Service
Calle Mejin, No. 122, Santa Fe, New Mexico 8750
Phose (201) 982-921

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

tains.

A Exhibit Two is a structure map drawn on top of the Queen porosity for the Querecho Plains Field. Once again you will see the wells included in the pool separated into three areas, and this is the result of either no drilling, no control, or dry hole, the reason being the variance in the porosity in the Queen formation.

What is here included in the Queen Oil Pool are two porosity zones, the Queen and the Penrose, and they're identified by orange, being Queen producers, wells perforated in the Queen porosity, and green, identifying those perforated in the Penrose porosity, and two wells being perforated in both zones. The porosity is not of uniform character. It comes and goes between the wells included in the pool.

Q All right. What experience have you had with drilling wells in this particular area, Mr. Mewbourne?

A. This is the second well we have drilled. Our first well is located in Section 27 in the southeast quarter of the northwest quarter of Section 27. It is an oil well, made an oil well in the Queen porosity. And then we moved immediately to drill a second, being the well in question here, the Federal "F" No. 1, and anticipated an oil well and we were surprised when we obtained a gas well.

Q. Would you refer to what I have marked as Ex-

Sid morrish reporting service General Court Reporting Service 825 Calle Mejis, No. 122, Santa Fe, New Mexico 87 Phone (505) 982-9212

hibit Number Three and its different parts, and commence with page one of Exhibit Three, identify it, and explain what information it contains?

Commission test for gas wells and it gives -- page one gives the statitical information of where the well is completed. It shows the pressures and the flow rates on which the well was tested, being tested rates from a half million a day to 800,000, depending on choke size. It exhibits an absolute open flow potential of three and a half million cubic feet a day, and it shows a gas-liquid hydrocarbon ratio of -- well, it's dry. There was no liquid produced with the well whatsoever. It's a hundred percent gas.

Q All right, please refer to page two of that exhibit and identify it.

A. Page two gives the times, the pressures, and the test period.

- Q Page three of Exhibit Three?
- A. This is a calculation of those previous notes.
- All right, sir, and page four?
- A Page four is a graphical depiction calculating absolute open flow, of flow rates and the pressures.
- Q. In your opinion, Mr. Mewbourne, is the proposed acreage to be dedicated to the non-standard proration unit reasonably productive from a well located -- from the

sid morrish reporting service General Court Reporting Service 825 Calle Mejla, No. 122, Santa Fe, New Mexi∞ 8' Phone (505) 982-9212

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

location of the subject well?

- A. Yes, it is.
- Q In your opinion will approval of the application be in the best interests of conservation, the prevention of waste, and the protection of correlative rights?
 - A. Yes, it will.
- Q. Let me ask you about the offsetting -- on Exhibit Number Two, let me ask you about the offsetting unit to the west of the proposed non-standard unit. What is that?

A. You'll find in Section 22 a spacing unit for a well that's completed in the Penn. That's a Strawn oil well. It was a deep hole drilled by Shell in the '50s to the Devonian, completed as a Strawn, and is still where it's completed, and it has those nine 40-acre tracts included in their spacing.

Q. Were Exhibits One, Two, and Three prepared by you directly or compiled under your direction and supervision?

A. They were.

MR. KELLAHIN: If the Examiner please, we move the introduction of Exhibits One, Two, and Three.

MR. STAMETS: These exhibits will be admitted.

MR. KELLAHIN: That concludes our direct examination.

25 exam

8

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

CROSS EXAMINATION

BY MR. STAMETS:

Mr. Mewbourne, I presume you'd like to have this pool, when it's reclassified as an associated pool, covered by the associated pool rules set out in Order 5353.

- That is correct. Yes, sir, we would.
- And 40-acre spacing for oil wells and 160acre spacing for gas wells?
 - Yes, sir. A.
- And standard locations for such acreage dedi-Q. cation.
 - Yes, sir.
- What's the reason for the necessity for a Q. dedication of non-standard unit in this case?

These are Federal tracts. The only tracts we have authority over in the area, and it would be impossible to get a standard unit together with these tracts considering the acreage in Section 22 already committed to a spacing unit.

MR. STAMETS: Any other questions of the witness?

He may be excused. Anything further in this case?

MR. KELLAHIN: No, sir.

MR. STAMETS: The case will be taken under ad-

Page	10	

visement.

(Hearing concluded.)

REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a Certified Shorthand Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability.

Sidney F. Morrish, C.S.R.

do hereby certify that the foregoing in the complete record of the proceedings in the Examiner hearing of Case No. 19

sid macrish reporting service General Court Reporting Service 15 Calle Majin, No. 122, Sents Fe, New Mexico 87 Phone (505) 962-9212

825 Calle Mejia, No. 122, Phone (5

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO P. O. BOX 2088 - SANTA FE

87501

DIRECTOR JOE D. RAMEY

Other_

LAND COMMISSIONER PHIL R. LUCERO January 17, 1978



EMERY C. ARNOLD

Mr. Tom Kellahin Kellahin & Fox Attorneys at Law Post Office Box 1769 Santa Fe, New Mexico	ORDER NO. R-5353-D Applicant:
	Mewbourne Oil Company
Dear Sir:	•
	o copies of the above-referenced y entered in the subject case.
Yours very truly, JOE D. RAMEY Director	
JDR/fd	
Copy of order also sent	to:
Hobbs OCC x	
Artesia OCC x	

Dockets Nos. 1-78 and 2-78 are tentatively set for hearing on January 4 and 18, 1978. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - DECEMBER 14, 1977

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

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for January, 1978, from fifteen prorated pools in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico.
 - (2) Consideration of the allowable production of gas for January, 1978, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
- CASE 6101: Application of Gulf Oil Corporation for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for its Nopal Draw Unit Area comprising 1920 acres, more or less, of Federal and Fee lands in Township 21 South, Range 25 East, Eddy County, New Mexico.
- CASE 6102: Application of Transocean Oil, Inc., for a unit agreement, Catron County, New Mexico. Applicant, in the above-styled cause, seeks approval for its Quemado Unit Area comprising 33,844 acres, more or less, of Federal, State, and Fee lands in Township 2 North, Ranges 15, 16, and 17 West, Catron County, New Mexico.
- CASE 6103: Application of Getty Oil Company for expansion of its Fren Seven-Rivers Waterflood Project and 28 dual completions, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to expand its Fren Seven-Rivers Waterflood Project by injection of water into the Seven-Rivers formation thru 32 wells in its Getty Unit Area, Township 17 South, Range 31 East, Eddy County, New Mexico, 28 of which wells would be dual completions in the Fren Seven-Rivers Pool and the Grayburg-Jackson Pool.
- CASE 6104: Application of Betrice Bedingfield for salt water disposal, Eddy County, New Mexico, Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Seven Rivers formation thru the open-hole interval from 487 feet to 517 feet in her Sunray State Well No. 1 and from 500 feet to 552 feet in her Hastie Well No. 8, located in Unit E of Section 30 and Unit F of Section 18, respectively, both in Township 17 South, Range 28 East, Empire Yates-Seven Rivers Pool, Eddy County, New Mexico.
- CASE 6105: Application of Mewbourne Cil Company for creation of an associated gas pool and a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the reclassification of the Querecho Plains-Queen Cil Pool as an associated pool and approval of a 120-acre non-standard gas proration unit comprising the E/2 SE/4 of Section 22 and the NW/4 SW/4 of Section 23, both in Township 18 South, Range 32 East, Lea County, New Mexico, to be dedicated to its Federal "F" Well No. 1 located in Unit L of said Section 23.
- Application of Mesa Petroleum Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp formation underlying the E/2 of Section 31, Township 15 South, Range 36 East, Lea County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 6108: Application of Yates Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Bradshaw IY Com Well No. 1 to be located 660 feet from the South and West lines of Section 35, Township 17 South, Range 26 East, Kennedy Farms Field, Eddy County, New Mexico, the S/2 of said Section 35 to be dedicated to the well.
- CASE 6109: Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the downhole commingling of Burton Flat-Morrow and North Burton Flat-Wolfcamp production in the wellbore of its Stonewall EP State Well No. 1 located in Unit F of Section 30, Township 20 South, Range 28 East, Eddy County, New Mexico.
- Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the downhole commingling of Kennedy

 Farms-Morrow and Kennedy Farms-Atoka production in the wellbore of its Caffall FD Com Well No.

 1 located in Unit O of Section 15, Township 17 South, Range 26 East, Eddy County, New Mexico.

DIRECTOR

JOE D. RAMEY

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO P. O. BOX 2088 - SANTA FE

LAND COMMISSIONER PHIL R. LUCERO



Memo No. 6-77

<u>notic€!</u> <u>notic€!</u> TO ALL OPERATORS FROM JOE D. RAMEY, SECRETARY-DIRECTOR

THIS IS A FINAL REMINDER THAT ALL EXISTING ONE-WELL AND BLANKET PLUGGING BONDS MUST BE REPLACED BY NEW BONDS ON THE REVISED FORMS PRIOR TO JANUARY 1, 1978.

This requirement is in accordance with Commission Order No. R-5432 entered May 24, 1977.

The most recent reminder of this requirement was sent to all operators by OCC Memorandum No. 5-77 dated October 17, 1977, and explained that if replacement bonds are not on file and approved by the deadline date, operators will be required to shut in all producing, drilling, and injection wells,

Response to the requirement for replacement bonds has been less than adequate. At this writing, there still remain more than one thousand bonds which have not yet been replaced, and there is less than one month before the deadline.

This is the final reminder that will be sent to operators to replace existing bonds by January 1, 1978, or face the shutting in of wells.

JDR/DSN/jr

December 2, 1977

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. 6105 Order No. R-5353-D

APPLICATION OF MEWBOURNE OIL COMPANY FOR CREATION OF AN ASSOCIATED GAS POOL AND A NON-STANDARD GAS PRORATION UNIT, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on December 14, 1977, at Santa Fe, New Mexico, before Examiner Richard L. Stamets

NOW, on this 17th day of January, 1978, the Coumission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the Querecho Plains-Queen (oil) Pool was created by Commission Order No. R-2034 effective August 1, 1961, and said pool has from time to time thereafter been extended.
- (3) That the applicant, Mewbourne Oil Company has completed its Federal "F" Well No. 1 located in Unit L of Section 23, Township 18 South, Range 32 East, Lea County, New Mexico, as a gas well in the Queen formation adjacent to said Querecho Plains-Queen Pool.
- (4) That the applicant seeks the redesignation of said Querecho Plains-Queen Pool as an associated pool and the establishment of 40-acre oil spacing units and 160-acre gas spacing units therefore.
- (5) That the evidence presented established that said Federal "F" Well No. 1 is producing from a common reservoir with wells in said Querecho Plains-Queen Pool, and that said reservoir is an associated oil and gas reservoir.

-2-Case No. 6105 Order No. R-5353-D

- (6) That the evidence presented established that said pool may be efficiently and economically developed by oil wells on 40-acre spacing units and gas wells on 160-acre spacing units.
- (7) That the applicant further seeks approval of a 120-acre non-standard gas proration unit comprising the E/2 SE/4 of Section 22 and the NW/4 SW/4 of Section 23, both in Township 18 South, Range 32 East, Lea County, New Mexico, to be dedicated to said Federal "F" Well No. 1.
- (8) That the entire proposed non-standard gas proration unit may be presumed to be productive of gas from the Queen formation.
- (9) That the application for pool reclassification, special pool rules, and a non-standard gas provation unit should be approved.

IT IS THEREFORE ORDERED:

- (1) That effective January 1, 1978, the Querecho Plains-Queen Pool, Lea County, New Mexico, is hereby reclassified as an associated pool and redesignated the Querecho Plains Associated Pool.
- (2) That said Querecho Plains-Queen Associated Pool shall be governed by the General Rules and Regulations for the Associated Oil and Gas Pools of Northwest and Southeast New Mexico, promulgated by Order No. R-5353, insofar as said General Rules and Regulations are not inconsistent with the Special Rules and Regulations for the subject pool as hereinafter set forth, in which event the Special Rules shall apply.

SPECIAL RULES AND REGULATIONS FOR THE QUERECHO PLAINS-QUEEN ASSOCIATED POOL

RULE 2. (a) A standard oil proration unit shall be 40 acres. A standard gas proration unit shall be 160 acres.

IT IS FURTHER ORDERED:

- (1) That effective January 1, 1978, a 120-acre non-standard gas proration unit comprising the E/2 SE/4 of Section 22 and the NE/4 SW/4 of Section 23, both in Township 18 South, Range 32 East, Lea County, New Mexico, is hereby approved for the Mewbourne Oil Company Federal "F" Well No. 1 located in Unit L of said Section 23 in the Querecho Plains-Queen Associated Pool.
- (2) That the locations of all wells presently drilling to or completed in the Querecho Plains-Queen Associated Pool or in the Queen formation within one mile thereof are hereby approved; that the operator of any well having an unorthodox location shall notify the Hobbs district office of the Commission in writing of the name and location of the well on or before March 1, 1978.

-3-Case No. 6105 Order No. R-5353-D

(3) That, pursuant to Paragraph A. of Section 65-3-14.5, N.M.S.A. 1953 Comp. contained in Laws 1969, Chapter 271, existing oil wells in the Querecho Plains-Queen Associated Pool shall have dedicated thereto 40 acres and existing gas wells shall have dedicated thereto 160 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C. of said Section 65-3-14.5, existing wells may have non-standard spacing or proration units established by the Commission and dedicated thereto.

Pailure to file new Forms C-102 with the Commission dedicating the appropriate acreage to a well or to obtain a non-standard unit approved by the Commission within 60 days from the date of this order shall subject the well to cancellation of allowable. Until said Form C-102 has been filed or until a non-standard unit has been approved, and subject to said 60-day limitation, each well presently drilling to or completed in the Querecho Plains-Queen Associated Pool or in the Queen formation within one mile thereof shall receive no more than a 40-acre allowable for the pool.

(4) 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

PHIL R. LUCERO, Chairman

EMERY C. ARNOED. Member

THE Kliney

JOE D. RAMEY, Nember & Secretary

SEAL

NEW MEXICO OIL CONSERVATION COMMISSION MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

															MINE		
171	e lest					· - · · · · · · · · · · · · · · · · · ·					: -	i i ote	tout	SAA C	TION	للعندات	
		X) Initio	ol] Ar	ากนดใ			[] Sire	ecial		11-7-		EXH	HBIT N	O	\$
Cer	Hamy					Consecti	On					CAS	SE NO		610	5	
1'00	Mewbou	rne U	11 (0	mpany	 .			No	ne			Subs	mitted	hiz			
1,00	Quereci	ho		•		िल्यान्सिल	11	Ωτιε	eens					[141	<u></u>	55
Cir	geletten Det			Total kepth		L	live	g from			<u>.</u>	Het	ring I		7 Leane		<u> </u>
				4300)			•		İ	•			1	Feder		
Csy	. 5124	¥1.		je	Set .	_	Tei	lawit						Well N	0.		
	4 1/2	11.	.6	,	J	4300	Fro		4132	Te		4163		<u> </u>	1		
'''	2 3/8	V. e.	7	ರ	Set	4083	Fro	leraile m	Open	То		end		Unit	₅ 23	18	32
77,				1 - 0.0. or 6.0). Mui		-1		Pocker S			end		County		10	<u>Je</u>
	Single	,							1	No	ne	;		1	L	ea	
1,10	ducting Thru		1 .	volt Temp. F	1	leun Anny	a! Tem	p. *1	Buto, Pt	·sc 1	•			Stele			
<u> </u>	Tog.		94		_				<u> </u>		1	3.2	·	ـــــ	New M		
	4110	H	110	.845	'	CO 2	1	% N 2		% H ₂ \$		1.10	104	1.jeter		/ apan	
	7110	L43		LOW DATA			L					يـــــــــــــــــــــــــــــــــــــ			3"		lg.
<u> </u>	Frover		Orifice	· 	7	Diff,	T-	np.	Fres	ung L		Temp.		ASING	Temp		Duration _ of
NO.	i.ine Size	x	Size	p.s.l.q.		hw	4	F.	p.5.1.			٠r		1.7.	• L	`	Flow
5!					1				798		!		80	0		7	2 hrs.
١.	3	x 1	.00	420		20.7		50	738				74	3			
2.	_3		.00	420		26.8		<u>60</u> _	713				73				
3.	3		.00	420	_	39.8		55_	671		_		71				
4. 5.	3	<u>x</u> _1	.00	425	-}	53.9		54	657		ļ		70	3			
3.	L			·l	_J	FATE	-J	CV	GAL CUL	<u></u>	L					l	
			7						a Temp.	T		vity	T	Super			
NO.	Coelli		-	$\sqrt{h_{w}P_{m}}$		Pressur	٠		nctor	1	roc	•	•	miters.		Rate of	
	124 14		<u> </u>			t) m			۲۱.	ļ	_ F			tor, Fpv		Q, ká	
	4.789		 	94.70		433.2		1.0				88		091		544	
2	4.789 4.789		-	107.75		433.2		1.0		<i>'</i>		<u>188</u> 188	·	081 084		607	
3 4	4.789			131.31 152.81		433.2 433.2		$\frac{1.0}{1.0}$				88 88		08 8		745 871	
5.	192			1/2.0/1		ع.ررج		1.0					 -	<u> </u>		014	
NO.	ጥ	Ten	,. •н	T _i	73	G	is laigu	ild liy	dresariosa I	Tutto			Dry				Mc//tal.
		_	إ		 -	A.	Pal. G	avity	drezaříska 1 of I.) jufd 1 ly Ceparato	lydrona	ul-c	as			-		Deg.
	.65	51		1.16	.81	40 se	ecitie	Gravi	ly Coparato	r Gun					_ <u> x</u> x	<u> </u>	CXXXX
2. 3.	.65 .65	52		1.19	.8°				ty Clowing	_	64		XXXX				
4.	.65	51 51		1.17	<u>.8</u> i	-			nalete	1.	138			P.S.I.	<u>^-</u>		.A.L3.Q_
5.		/ 				-2	1116141	. Ornga			<u> </u>				** 1		
<u>ار ج</u>	813.2		661	3				P. 2		1. ^			٢	12.2	7,	1. ^	30
10 j	1,4	1;		14'	12.2 -	$\frac{\mathbb{E}^2}{2}$ 0)	15		_4.Q	בני)	(a) =	112 _ 1 2	- =-	4.0	10
			5.61		10) • ¬•	' c'	'w					Ĺ	'c 'w	د		
2			5.9	541.5 518.0	-115	2.8		Γ	1.2	7,-		3,40	9				
<u>-</u>		70	9.7 1.8	496.7	761	1.6	4, = O]-	$\frac{1i^2}{1i^2 - 1i^2}$	- =							
5		- -						L	'c " 'w	.1							
			I.							Γ			1				
	dute Cres 1			3.49					6 15,025	J~							1.000
Henr	nika:S	tatic	bot	tom_hole_	899.	psig,	homi	h_sc	tat_4	110-	E	dint_	align	ment_i	too_fl	at	A
	Tobe o	1 450	was	drawn th	roue	th_high	rai	te_o	f flow								
V1-1-6	aved by Co.			Jöhnh	d 11x:				Collaine	lliy:			₁	Checked	Uy:		
				1	-	llis :11_1	3 0			ggie		ston	- 1				
				1 (0)(2)6	1 60	111	11.						1				

		SUGGEST	ED FIEL	D DATA	SHEET	(Not Regul	red To F	ile)			maken are a subject	
Type Test	827	Initial		Annual		☐ Speci	nl	Test Date		Leane No.	or Sector No.	
Сомралу			Co=====	-	Conne	ction				Allottes		
Field	Membor	rne 011	Reservoir			Non	cation			Unit		
(<u>querec</u>	ho		ueens							L	
Completion	Date	430	Depth		g Back TD		Elevatio		·		eral F	
Cag. Size 4 1/2	2	wi. 11.6	d	Set A	4300	Perforation		4132	T°4163	Well No.	1	
Tbq. 5120 2 3/5	3	wi. 4.7	d	Set A	4083	Perforation	ns: From	Open	end end		TwpBlk. 18	RgeSur. 32
Type Compl	le	scribe)							Packer Set At None	County of F	arish Tea	
Producing Tog.	hru	Reservoir	Temp. F	Mean	Annual Ten	p. F	Baro. P	ress Po	13.2	State Ne	w Mexico	
I.		н	G [₫]	···	% CO ₂		* N2		% H ₂ S	Prover	Meter Run	Flg.
DATE	ELAP.	Wellhead	Working P	essure	ME	TER OR	PROVE	R		REMA		
Tine of Reading	Hrs.	Tog. Paig.	Cag. Paig.	Temp. F	Pressure Paig,	Diff.	Тепр. Б	Orifice	(^{In}	clude liquid	production date Gravity—Amoun	2:)
8:15		798	800		F=16.						-in press	
8:45		749	753	·	420	2;	14	1.00	10/6	4		
9:00		745	749 744		420 420	20.7	40	1.00			<u> </u>	
9:15 9:30		740 738	743		420	20.7	50	1.00				 ,
9:45		727	736		. 420	27.5		1.00	12/6	4	-	
10:00		724	735		420 420	27	58 60	1.00	· · · · · · · · · · · · · · · · · · ·			
10:15 10:30		7 <u>19</u> 713	733 732		420	27 26.8		1.00				
10:50			1 <u>) </u>		420	20.0		12.00		 	·	•
10:45		677	718		420	47.9		1.00				
11:00		671	717		420	46.5		1.00	,			
11:15		674	717		420	38.5		1.00	· · · · · · · · · · · · · · · · · · ·			
11:30		671	716		420	39.8	_55_			·	- 	
11:45		649	708		425	55.5	54	1.00	16/6	4		
12:00		654	706		425	54	54	1.00				
12:15		652	703		425			1.00				
12:30		65 7	703		425	53.9	54	1.00				
			 	-								 -
			· · ·	·					<u>,</u>			····
							<u>-</u>					
											<u></u>	
	+											
								·				
					Poge	- cf	!	Data By				

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (Pc or Pw)

Form C-122F Adopted 9-1-85

FROM KNOWN BOTTOM HOLE PRESSURE (Pf or Ps)

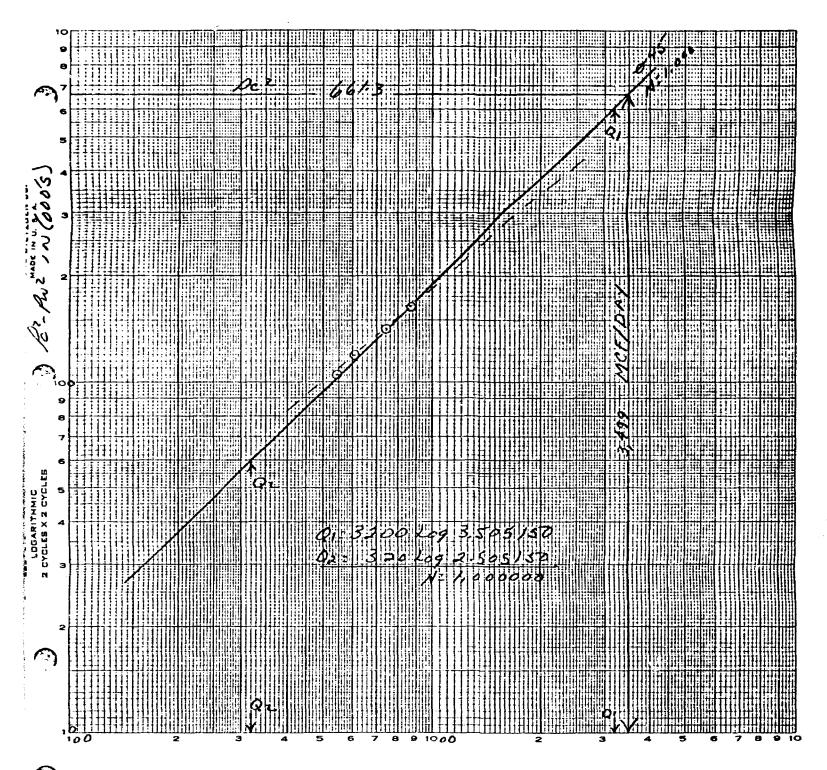
COMPA	NY MENDOURNE OIL LEASE	FederAL	F	WELL NO.			DATE	11-2-2	2
LOCAT	ION: Unit Section	23	Townsh	ip	?Ra	nge	32	· .	
44	10 H 4110 L/H	1,00 G	1845	_ % ∞ ₂	% 1	N ₂	% H ₂ S	<u></u>	
	GH	3473 Pcr	1064 TABLE 12 BA	T _{CT} 4	38	a.		_	
		PATE	<u> </u>	XATE	2	JAT.	£ 3	PATE	10
LINE	•	1 2	2	3 2	2 4	5 7	2 6	7	8
1	Tw(W.H. *R)	534	534	534	.534	534	534	534	534
2	T _s (B.H. •R)	554	554	554	554	554	554	554	554
3	$T=(\frac{T_w+T_s}{2})$	544	5.44	544	544	544	544	544	544
4	Z (Est.)	,75-1	.769	,755.	. ,773	,761	,779	.765	,783
5	TZ	408.5	418.3	410.7	420.5	414.0	423,8	416.2	425.9
6	GH/TZ	8.501	8,302	8.456	8,259	8.389	8.195	8.345	8,154
7	e ^S (Table XIV)	1.375	1,365	1.373	1.363	1.320	1.360	1,367	1.358
8	Pf or Ps	871.2	871.2	859.2	859.2	839.2	1 .	821.2	821.2
9	P _f ² or P _s ²	759.6	759.0	738.2	738.2	704.3	704.3	674.4	674.4
10	$P_c^2 = P_f^2/e^s$ or $P_w^2 = P_s^2/e^s$	551.8	555.9	537.6	541.6	514.2	5-17.9	493,2	496.7
11	Pc or Pw	742.8	745.6	733.2	735.9	717.1	719.7	702.3	704.8
12	$P=(\frac{P_w+P_s}{2})$ or $(\frac{P_c+P_f}{2})$	807.0	808.4	796.2	797.6	778.1	779.4	761.7	762.0
13	$P_{r} = (P/P_{cr})$	1.22	1,22	1.30	1,20	1.17	1.17	1.15	1.15
14	$T_f = (T/T_{Cf})$	1,24	1,24	1.24	1.24	1.24	1.24	1.24	1.24
15	Z (Table XI)	769	,769	1773	,723	. 179	1779	.783	. 783

Mewbourne Oil Co.

"Federal F No. 1"

Unit I., Sec. 23, Twp. 18, Rge. 32

Lea County, N.M.



Q= Mcf/Day

Exhibit 3

Case 6/05

Form C-127

Revised 9-1-6

NEW MEXICO OIL CONSERVATION COMMISSION MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

1.71	n Bert	_								Test Lan	ď	1		
_		X) Initio	1	[] Ar	nuol		$-$ []] s_{i}	ecial	11-	7-77			
Cer	Hewbou	rne Oi	1 Coi	mpany		ColaterH	on No	ne						
1100						Lornestic						Liz:11		
L.	Querec	, yo		•			Qu	een s				1	I	,
Cir	spletton Do	17		Total Lepth			Prog Isse	λ Tω		Lievettor	- · · · - · - · · · · · ·	l'ounce	r Leune fi	fi.e?
				4300)		1]	Federa	l F
CF	. Size	¥1.		d	Sel		Performi	_				Well N		
J.,	4 1/2	11.0	6	-,		4300	From	4132	T	• 416	3	 	<u> </u>	
1'''	2 3/8	4.	<u>, </u>	d	Set /	4083	From		*		•	Unit	5ea.	Twp. Figes
Ty				- G.G. or G.	L A'vii		1	Open Pocker	T	• en	<u>a</u>	County	23	18 32
1 "	Single									one		County	Lea	.
1,10	ducing The		Heserv	oir Temp. 'F	l.	lean Annu	a! Temp. *1*	B210. 24				Stele		-
1	Tbg.	ł	94	e 4110						13.2			New Me	xico
	L	н		Co	,	6 CO 2	% N 2	*	% H25		tovet	Lieter		, u; n
L_	4110	41	10	.845									3"	Flg.
			FL	ATAG WO.				708	зикс	DATA	C	SING	DATA	Duration
10.	Proves	x	Ortilise	Piess.		Dill.	Temp.	Fier	-	Temp.			Temp.	10
	Size		Sire	p.s.l.q.	_	hw .	·F	h-2-1		<u>'r</u>	p.a.		• r	Flow
SI					_		.	798			80			72 hrs.
1.	3		.00	420		20.7	50	738			74			_ }
3.	3		.00_	420 420		26.8	60	713		 	73			
4.	3		.00	425		39.8 53.9	55 54	671 657		 -	71			
5.			.00		-}	22.7	- -			·}		2	·	
				L		RATE	OF FLOW	C/J. CUI	L A THE	-l				t
			}				F10	жилине. и Темр.	Ī	Gravity		Super		
	Coeff		-	VhwPm		Present	, 1	nctor		Pacier		mrtess.	P	ote of Flow
.CA	(24)							Гі.		Fg	Fac	ict, Fpv		Q, ktcld
-	4.789			94.70		433.2	1.0			1.088		091		544
2	4.789			107.75		433.2	1.0			1.088		281		<u>607</u>
3.	4.789			131.31		433.2	1.0			1.088		<u> </u>		745
5.	4. 109			152.81		433.2	1.0	,UO	-	1.088	<u> 4 • 9</u>	088		871
		- 	'		!_	T ==	s. Islautd tiy		<u></u>		Dry	•		
NO.	ŋ	Temp.	•н	Tê	Z									Mc(Abd). =
1	.65	510)	1.16	.84	0 s,	ocific Gravity	iy Legiorate	и Gus		.845		XXX	NXEXXY
2.	.65	520		1.19	.85	6 :	ecttic Gravi		Plota					
3.	.65	515		1.18	.85		tical Pass	nre		664		_ P.S.I.	A	P.E.I.A.
4.	.65	514	<u> </u>	1.17	.84	15 co	Heal Tempe	ratue		<u>438</u>			п	н
<u>s.]</u> ادعا	813.2	_l	<u> </u>	,		1								
NO	<u>ع، د د د .</u> ۱, ۰	<u>'</u> <u>-</u> -		W T	12.2 _	<u>1;2] (1)</u>	P. 2	=	4.0	018	2.0	12.Z	_ n _	4.018
1		745		555.9	105	.4	122 - 12	, - -				2 - Iw		
2		735		541.5	119	8.8					_		_	
3		719		518.0	143	3	1' = Q	1,2]"_	3.1	199			
4		704	.8	496.7	164	.6	, , ,	12 - 122	- -					
5		1	l_			_1_	<i>ــ</i>	- "	• <i>•</i>					
				3,49	ο -						he			1 000
	lute Open I						k(c (.)		J					n_l.000
Hear	rkn:	itatic_	bott	om hole	899	psig,	bomb se	t_at_4	110_	_Poin	t_align	ent_t	oo_fla	A
5	lope C	,1 450	was_	<u>drawn</u> th	roug	h_high	rate_o	f flow	 -					
VI-14.	wed by Co	tordistion:		Canducte	d lly:			Colculate	d lty:			Checked	13y;	
- *	-			Johnn					-	Restor			• •	
			· 	J_Mewl.		:i10	لـــــم							

		SUGGEST	ED FIEL	D DATA	SHEET	(Not Requi	red To Fi	i !e)			·	
Type Test	823	Initial		Annual		☐ Sp•ci		Test Date 11-7		Lease N	la, or Serial Na.	
Company	Vewbo u	rne 011	Company		Conne	None	e		· · · · · · · · · · · · · · · · · · ·	Allottes	•	
Field	querec		Henervou			Loc	cation			Unit	L	
Completion	Date Sacred	Tala	l Depth	Pi	g Back TD	-	Elevation		,		Lease Name	
Cag. Size	<u> </u>	wi. 430	<u> </u>	Sel A	 	Perforation	a: From		To.	Well No.	ederal F	
4 1/2 Tbq. Size	<u> </u>	<u>11.6</u>		Set A	4300	Perforation	* From	4132	т° 4163	Sec	1	9 co - \$ co
2 3/8	3	4.7		341 A	4083	FE110101101		Open	end	Sec. 23	TwpSik.	132 Raye Sur.
Tyre Comple Sing	le .	scribe)						1	Packer Set At None	County	or Parish Lea	
Producing T	hru	Reservoir	Temp. F	Mean	Annual Ten	p. F	Baro. Pr	ess. – P _a	13.2	State	New Mexico	
Ľ		H	G.€		% CO ₂		% N ₂		% H ₂ S	Prover	Meter Run	Flg.
DATE	ELAP.	Wellhead	Working Pr	essure	ME	TER OR	PROVE	₹		RI	EMARKS	
Time of Reading	Hrs.	Tbq. Paig,	Csg. Psig.	Temp. F	Pressure Paig.	Ditt.	Temp. F	Orifice	(In	clude liq	uld production dat .I. Gravity—Amour	ut)
8:15		798	800								nut-in pres	
0) -		71.0			1.00		<u> </u>	2 00	30/6			
8;45 9;00		749 745	753 749		420 420	23.7		$\begin{array}{c} 1.00 \\ 1.00 \end{array}$	10/6	4		
9:15		740	744		420	20.7		1.00				·
9:30		738	743		420	20.7	50	1.00				
9:45		77077	926		. 420	OF 5	54	1.00	12/6),	· · · · · · · · · · · · · · · · · · ·	
10:00		727 724	736 735		420	27.5 27		1.00	12/0			···
10:15		719	733		420	27		1.00	· · · · · · · · · · · · · · · · · · ·			
10:30		713	732		420	26.8	60	1.00				
30 kg		(==	63.0		1.00	1.0	۲0	2 00		-		•
10:45		677 671	718 717		420 420	47.9 46.5		1.00	- 			
11:15		674	717		420	38.5		1.00				
11:30		671	716		420	39.8	55					
		<u> </u>			1.05		54	2 00	16/6	3.	 ,	
12:00		654 654	708 706		425 425	<u>55-5</u>		1.00		9		
12:15		652	703		425	54.5	54	1.00				
12:30		657	703		425	53-9	54	1.00	 			
									<u></u>			
		[
												
											*	 ,
									<u>,</u>			
												
											,	
			·									
	l	1	1			l		1				
				1	Page	of	_ 0	octo By				

FROM KNOWN BOTTOM HOLE PRESSURE (Pf or Ps)

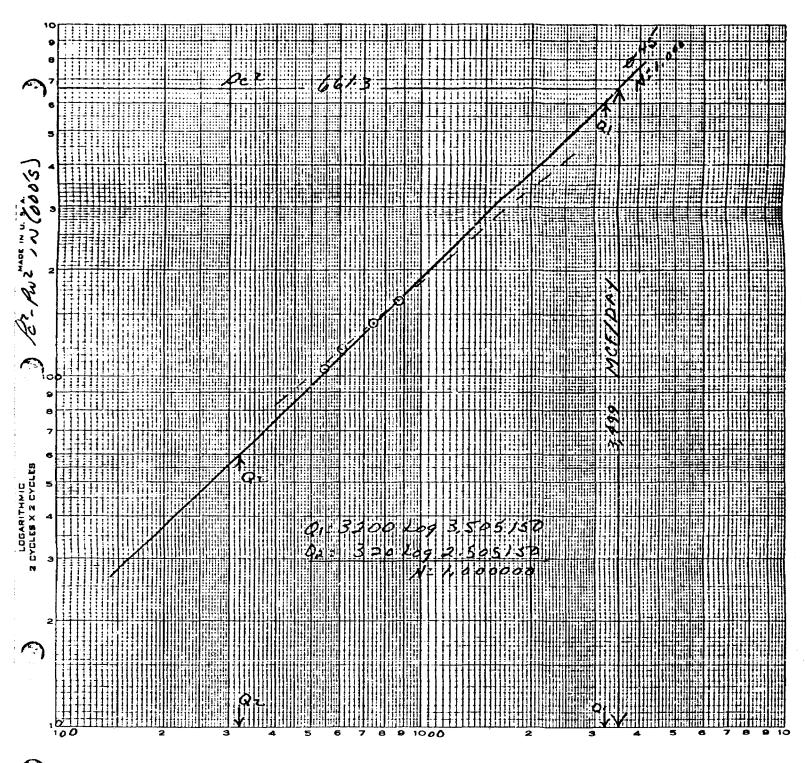
COMPA	NY MEMBOURNE OIL LEA	SE FEGERAL	F	WELL NO			DATE	11-2-2	2
LOCAT	ION: Unit Sect	ion2.5	Townsh	ip	?Ro	inge	32	·.	
4	10 H 4110 L/H	1,00 G	1845	_ % ∞₂	%	N ₂	% H ₂ S		
	GH	3473 Par	1064 TABLE 12 B X	T _{CT} 4	38	Ó		0	
LINE		FATE	Z . 2	XATE 3	ì	<i>F.777.</i>	£ 3		10
1	T _w (W.H. •R)			<u> </u>			6	7	8
2	T _s (B.H. •R)	534	534		534	534	534		
3	m (Tu) h Te h	554	554	554		554	554		554
	Z (Est.)	544	544	544	544	544	544	544	544
4		,75-/	.769	,755	,723	,76/	,779		,783
5	TZ	408.5	418.3	410.7	420.5	414.0	423,8	416.2	425.9
6	GH/TZ	8.501	8.302	8.456	8,259	8.389	8.195	8.345	8,154
7	e ^S (Table XIV)	1.375	1:365	1.373	1.363		1.360	1,367	1.358
8	Pf or Ps	871.2	871.2	859.2	859.2	839.2	034.2	821.2	821.2
9	P _f ² or P _s ²	759.0	759.0	738.2	7382	704.3	704.3	674.4	1074.4
10	$P_c^2 = P_f^2/e^s$ or $P_w^2 = P_s^2/e^s$	551.8	555.9	537.6	541.6	514.2	5-17.9	493,2	496.7
	Pc or Pw	742.8	745.6	733.2	735.9	717.1	719.7	702.3	704.8
12	$P:(\frac{P_w+P_s}{2}) \text{ or } (\frac{P_c+P_f}{2})$	807.0	808.1	796.2	797.6	778.1	775.4	761.7	762.0
13	$P_r = (P/P_{cr})$	1,22	1,22	1.30	1,20	1.17	1.17	1.15	1.15
14	$T_r = (T/T_{cr})$	1,24	1,24	1.24	1.24	1.24	1.24	1.24	1,24
15	Z (Table XI)	769	,769	,773	,723	179	,779	.783	. 183

Mewbourne Oil Co.

"Federal F No. 1"

Unit I., Sec. 23, Twp. 18, Rge. 32

Lea County, N.M.



Q= Mcf/Day

JARON W- KELLAHIN ROBERT E. POX W. THOMAS KELLAHI

TTORNEYS AT LAW
TOO DON GASPAR AVENUE
P. O. BOX 1769

SANTA FE. NEW MEXICO 87501

CO. SLILLING CONNOVEMBER 15, 1977

TELEPHONE 948-4311

Mr. Dick Stamets
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Mewbourne Oil Company

Dear Dick:

Please set the enclosed application for hearing on December 14, 1977.

W. Thomas Kellahin

y truly yours,

CC: Curtis Mewbourne

WTK:kfm

N 13 1977
SERVICE THE

OIL CONSERVATION COMMISSION OF NEW MEXICO

APPLICATION OF MEWBOURNE OIL COMPANY FOR CREATION OF AN ASSOCIATED GAS POOL AND THE ESTABLISHMENT OF A NON-STANDARD GAS PRORATION UNIT, LEA COUNTY NEW MEXICO

APPLICATION

Comes now MEWBOURNE OIL COMPANY and applies to the Oil Conservation Commission of New Mexico for the creation of an associated gas pool in accordance with NMOCC Order No. R-5353 for its Federal "F" #1 WEll located in the NW/4SW/4 of Section 23, T18S, R32E, N.M.P.M., Lea County, New Mexico and for the establishment of a non-standard gas proration unit consisting of the NW/4SW/4 of Section 23 and the Exist. Of Section 22, T18S, R32E, N.M.P.M. and in support thereof would show the Commission:

- 1. Applicant is the owner of the right to drill and develop the oil and gas in the area involved in this application.
- 2. Applicant has completed its Federal "F" #1 Well in the Querecho Plains (Queen) Field, Lea County, New Mexico and desires to establish a non-standard gas proration unit consisting of the NW/4SW/4 of Section 23 and the E/2SW/4 of Section 22, T18S, R32E, NMPM totalling 120 acres and composed of two federal leases, NM-9218 and NM-8675.
- 3. Applicant seeks the creation of an associated gas pool for the subject well.
- 4. That the granting of this application will prevent waste, protect correlative rights and be in the best interest

of conservation.

WHEREFORE, Applicant respectfully requests that this matter be set for hearing before the Commission's duly appointed Examiner and that upon hearing after notice, an order be entered approving the non-standard gas proration unit and the creation of an associated gas pool.

Respectfully submitted,

MEWBOURNE OIL COMPANY

Kellahin & Fox P. O. Box 1769 Santa Fe, New Mexico 87501

ATTORNEYS FOR APPLICANT

 γ

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:

المركب

CASE NO. 6105

Order No. R- 5353-4

APPLICATION OF MEWBOURNE OIL COMPANY FOR CREATION OF AN ASSOCIATED GAS POOL AND A NON-STANDARD GAS PRORATION UNIT, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on <u>December 14</u>, 19 77, at Santa Fe, New Mexico, before Examiner Richard L. Stamets

NOW, on this day of <u>January</u>, 1978; the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the Querecho Plains-Queen (oil) Pool was created by Commission Order No. R-2034 effective August 1, 1961, and said pool has from time to time thereafter been extended.

Ber

-2-Case No. 6105 Order No. R-

- (3) That the applicant, Mewbourne Oil Company has completed its Federal "F" Well No. 1 located in Unit L of Section 23, Township 18 South, Range 32 Fast, Lea County, New Mexico, as a gas well in the Queen formation adjacent to said Querecho Plains-Queen Pool.
- (4) That the applicant seeks the redesignation of said Querecho Plains-Queen Pool as an associated pool and the establishment of 40-acre oil spacing units and 160-acre gas spacing units therefore.
- (6) That the evidence presented established that said pool may be efficiently and economically developed by oil wells on 40-acre spacing units and gas wells on 160-acre spacing units.
- That the applicant further seeks approval of a 120-acre non-standard gas proration unit comprising the E/2 SE/4 of Section 22 and the NW/4 SW/4 of Section 23, both in Township 18 South, Range 32 East, Lea County, New Mexico, to be dedicated to said Federal "F" Well No. 1
- (5) That all of said proposed non-standard gas proration unit may be presumed to be productive of gas from the Queen formation.
- That the application for pool reclassification, special pool rules, and a non-standard gas proration unit should be approved.

IT IS THEREFORE ORDERED:

(1) That effective January 1, 1978, the Querecho Plains-Queen Pool, Lea County, New Mexico, is hereby reclassified as an associated pool and redesignated the Querecho Plains Associated Pool.

-3-Case No. 6105 Order No. R-

(2) That said Querecho Plains-Queen Associated Pool shall be governed by the General Rules and Regulations for the Associated Oil and Gas Pools of Northwest and Southeast New Mexico, promulgated by Order No. R-5353, insofar as said General Rules and Regulations are not inconsistent with the Special Rules and Regulations for the subject pool as hereinafter set forth, in which event the Special Rules shall apply.

SPECIAL RULES AND REGULATIONS

FOR THE

QUERECHO PLAINS-QUEEN ASSOCIATED POOL

RULE 2. (a) A standard oil proration unit shall be 40 acres. A standard gas proration unit shall be 160 acres.

IT IS FURTHER ORDERED:

That effective January 1, 1978, a 120-acre non-standard gas proration unit comprising the E/2 SE/4 of Section 22 and the NE/4 SW/4 of Section 23, both in Township 18 South, Range 32 East, Lea County, New Mexico is hereby approved for the Mewbourne Oil Company Federal "F" Well No. 1 located in Unit L of said Section 23 in the Querecho Plains-Queen Associated Pool.

That the locations of all wells presently drilling to or completed in the Querecho Plains-Queen Associated Pool or in the Queen formation within one mile thereof are hereby approved; that the operator of any well having an unorthodox location shall notify the Hobbs district office of the Commission in writing of the name and location of the well on or before March 1, 1978.

That, pursuant to Paragraph A. of Section 65-3-14.5, N.M.S.A. 1953 Comp. contained in Laws 1969, Chapter 271, existing oil wells in the Querecho Plains-Queen Associated Pool shall have dedicated thereto 40 acres and existing gas wells shall have dedicated thereto 160 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C. of said Section 65-3-14.5,

Case No. 6105 Order No. R-

existing wells may have non-standard spacing or proration units established by the Commission and dedicated thereto.

the appropriate acreage to a well or to obtain a non-standard unit approved by the Commission within 60 days from the date of this order shall subject the well to ancellation of allowable. Until said Form C-102 has been filed or until a non-standard unit has been approved, and subject to said 60-day limitation, each well presently drilling to or completed in the Querecho Plains-Queen Associated Pool or in the Queen formation within one mile thereof shall receive no more than a 40-acre allowable for the pool.

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.