

JAMES E. SPERLING
JOSEPH E. ROEHL
DANIEL A. SISK
LELAND S. SEDBERRY, JR.
ALLEN C. DEWEY, JR.
JAMES A. PARKER
JOHN R. COONEY
KENNETH L. HARRIGAN
PETER J. ADAMS
DALE W. EK
JAMES M. PARKER
CHARLES I. WELLBORN
DENNIS J. FALK
JOE R. G. FULCHER
ARTHUR D. McLENDRES
JAMES P. HOUGHTON
JUDY A. FRY
PAUL M. FISH
MARK B. THOMPSON III
GEORGE J. HOPKINS
JEFFREY W. LOUBET
R. E. THOMPSON
RUTH M. SCHIFANI
THOMAS L. JOHNSON
LYNN H. SLADE
ZACHARY L. McCORMICK

LAW OFFICES
MODRALL, SPERLING, ROEHL, HARRIS & SISK

A PROFESSIONAL ASSOCIATION

1000 SUNWEST BUILDING

POST OFFICE BOX 2168
ALBUQUERQUE, NEW MEXICO 87103-2168

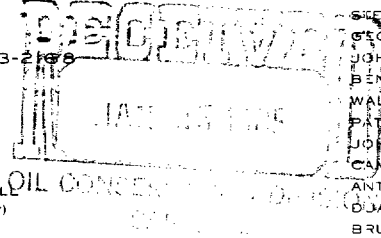
TELEPHONE (505) 848-1800

TELECOPIER (505) 247-2299

JOHN F. SIMMS
(1885-1954)

J. R. MODRALL
(1902-1977)

AUGUSTUS T. SEYMOUR
(1907-1965)



CLIFFORD K. ATKINSON
DOUGLAS A. BAKER
SUSAN R. STOCKSTILL
LARRY P. AUSHERMAN
CHARLES E. STUCKEY
DOUGLAS R. VADNAIS
STEPHEN T. AUBURN
JEFFREY D. RIEDER
JOHN S. THAL
BENJAMIN SILVA, JR.
WALTER E. STERN III
PATRICK J. ROGERS
JOHN E. HEER III
CAMERON PETERS
ANTOINETTE S. LOPEZ
DUANE E. BROWN
BRUCE E. CASTLE
MARTHA L. GLAMAN
PAUL MAESTAS
JEFFREY TWERSKY
J. DOUGLAS FOSTER
NEAL E. BINCZEWSKI
TODD R. BRAGGINS
SUSAN M. HADLOCK
KEVIN T. RIEDEL

GEORGE T. HARRIS, JR.
OF COUNSEL

January 23, 1985

Mr. Richard L. Stamets
Director
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Mobil Producing Texas & New Mexico Inc.'s
Application for Infill Findings Relating
to the North Vacuum Abo Pool Located in
Portions of Townships 16 and 17 South,
Ranges 34 and 35 East, N.M.P.M., Lea
County, New Mexico - Case No. 8464

Dear Mr. Stamets:

Enclosed are original and two copies of Mobil's application
for hearing concerning the above-captioned matter.

This matter has been scheduled for hearing before an examiner
at the hearing to be held on January 30, 1985.

Very truly yours,

James E. Sperling

/jev
Enclosures

cc: J. A. Morris, w/encl. (attn: H. F. Weaver)

NEW MEXICO DEPARTMENT OF ENERGY & MINERALS

OIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION
OF MOBIL PRODUCING TEXAS & NEW
MEXICO INC. FOR INFILL FINDINGS
RELATING TO THE NORTH VACUUM ABO
POOL LOCATED IN PORTIONS OF
TOWNSHIPS 16 AND 17 SOUTH,
RANGES 34 AND 35 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

Case No. 8464

A P P L I C A T I O N

Mobil Producing Texas & New Mexico Inc. ("Mobil"), whose address is Nine Greenway Plaza, Suite 2700, Houston, Texas 77046, hereby makes application for an order finding that infill wells are necessary within the 80-acre proration units established for the North Vacuum Abo Unit in Lea County, New Mexico, in order to effectively and efficiently drain such proration units.

Attached hereto and made a part of this application is a tabulation of all wells drilled on proration units since January 1, 1979. The infill wells for which permits to drill have been issued or which have been spudded since January 1, 1979, are indicated by an asterisk.

This application is filed pursuant to certain provisions of the Federal Natural Gas Policy Act.

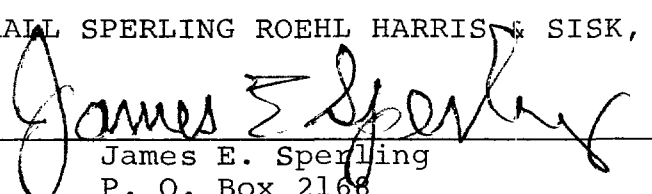
Mobil requests the Division to set this matter for hearing before an Examiner on January 30, 1985, and following such hearing to issue the order of the Division finding that the drilling of infill wells within 80-acre proration units established for the North Vacuum Abo Unit are necessary in order to effectively and efficiently drain those proration units.

Respectfully submitted,

MOBIL PRODUCING TEXAS & NEW MEXICO INC.

By: MODRAIL SPERLING ROEHL HARRIS & SISK, P.A.

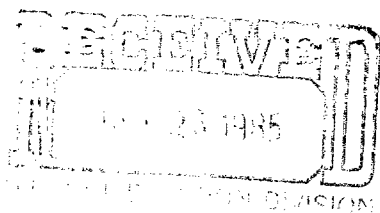
By:


James E. Sperling

P. O. Box 2168

Albuquerque, New Mexico 87103

Telephone: (505) 848-1800



Following is a list of all wells drilled on poration units having an infill well permitted or spudded since January 1, 1979. All wells listed are in the North Vacuum Abo Unit.

Well #	Location	Spud Date	Compl. Date	Init. Potential Prod. Rate/Day Oil Bbl/Gas MCF	Current Prod. BOPD	Date P&A
232	*A 25-17S-34E	9/30/81	12/21/81	95/179	39	--
104	B 25-17S-34E	4/28/65	8/10/65	--	72	--
233	*A 12-17S-34E	11/12/82	1/28/83	76/NA	21	--
161	H 12-17S-34E	5/7/71	6/5/71	214/213	Water Injec.	--
234	*I 23-17S-34E	11/1/83	2/2/84	166/143	85	--
212	P 24-17S-34E	2/2/68	3/27/68	155/160	Water Injec.	--
235	*K 24-17S-34E	11/9/83	1/17/84	46/40	25	--
109	N 24-17S-34E	1/19/66	5/18/66	No Potential	Water Injec.	--
236	*C 25-17S-34E	9/19/83	11/4/83	110/99	31	--
218	F 25-17S-34E	12/19/73	1/23/74	No Potential	Water Injec.	--
237	*A 26-17S-34E	10/22/83	12/24/83	178/139	70	--
96	H 26-17S-34E	12/3/62	3/21/63	209/303	Water Injec.	--
238	*M 24-17S-34E	9/19/83	@ 5000' Lost Hole Plugged Same			10/8/83
238A	*M 24-17S-34E	10/9/83	12/3/83	60/31	17	--
116	L 24-17S-34E	7/1/66	11/9/66	288/155	80	--
239	*E 25-17S-34E	3/8/84	4/28/84	148/178	44	--
112	D 25-17S-34E	3/29/66	6/15/66	312/222	139	--
240	*I 26-17S-34E	4/7/84	5/22/84	84/101	42	--
98	J 26-17S-34E	8/23/63	3/17/68	43/97	36	--
241	*K 26-17S-34E	5/5/84	6/23/84	107/100	51	--
153	N 26-17S-34E	2/22/71	3/29/71	25/49	--	--
242	*G 26-17S-34E	6/6/84	8/2/84	180/177	154	--
137	B 26-17S-34E	6/13/70	7/22/70	167/63	140	--
243	*C 26-17S-34E	3/10/84	5/5/84	195/225	106	--
118	F 26-17S-34E	6/16/70	7/15/70	No Potential	Water Injec.	--
244	*O 23-17S-34E	4/3/84	5/15/84	205/243	115	--
117	P 23-17S-34E	7/30/66	9/26/66	436/839	Water Injec.	--
245	*K 23-17S-34E	4/30/84	6/6/84	58/57	30	--
213	N 23-17S-34E	12/19/71	1/18/72	156/265	Water Injec.	--
246	*O 24-17S-34E	2/20/84	4/24/84	169/200	82	--
211	J 24-17S-34E	9/5/68	11/30/68	164/175	56	--

Well #	Location	Spud Date	Compl. Date	Init. Potential Prod. Rate/Day Oil Bbl/Gas MCF	Current Prod. BOPD	Date P&A
247	*G 24-17S-34E	3/25/84	5/14/84	131/159	73	--
205	B 24-17S-34E	6/26/67	8/22/67	336/166	98	--
248	*E 24-17S-34E	4/24/84	6/6/84	144/190	56	--
204	D 24-17S-34E	5/11/67	7/6/67	432/298	64	--
249	*E 26-17S-34E	7/4/84	8/21/84	173/200	98	--
136	D 26-17S-34E	4/20/70	5/22/70	257/156	97	--
250	*A 24-17S-34E	5/26/84	7/26/84	178/209	63	--
207	H 24-17S-34E	9/19/68	10/25/68	402/216	Water Injec.	--
251	*C 24-17S-34E	7/1/84	8/10/84	166/163	64	--
119	F 24-17S-34E	1/8/67	3/28/67	488/--	Water Injec.	--
252	*M 13-17S-34E	6/23/84	8/13/84	100/134	52	--
121	L 13-17S-34E	3/15/82	4/18/82	129/157	109	--
253	*O 13-17S-34E	7/31/84	9/6/84	108/145	53	--
231	P 13-17S-34E	9/3/71	10/12/71	207/180	Water Injc.	--
254	*I 13-17S-34E	5/26/84	7/14/84	138/159	97	--
230	J 13-17S-34E	12/8/67	2/25/68	103/69	79	--
255	*K 13-17S-34E	7/22/84	8/31/84	85/104	40	--
219	N 13-17S-34E	1/17/74	2/7/74	(WIW)	Water Injc.	--
				Did not Potential		
256	*I 14-17S-34E	8/7/84	9/15/84	63/85	29	----
124	P 14-17S-34E	1/9/68	3/21/68	143/48	Water Injec.	--
257	*E 13-17S-34E	6/9/84	8/4/84	75/89	42.00	--
165	D 13-17S-34E	4/17/71	6/8/71	358/676	106.82	--
258	*G 13-17S-34E	7/7/84	8/11/84	157/165	80	--
169	H 13-17S-34E	2/12/72	3/6/72	204/305	Water Injc.	--
259	*A 14-17S-34E	8/17/84	9/22/84	188/267	112	--
175	H 14-17S-34E	12/22/72	1/15/73	114/165	Water Injec.	--
260	*C 13-17S-34E	8/3/84	9/6/84	74/98	49	--
147	F 13-17S-34E	7/23/70	10/23/70	239/103	Water Injec.	--
261	*O 12-17S-34E	8/28/84	10/2/84	82/108	82.00	--
158	J 12-17S-34E	6/29/81	7/6/81	175/249	52	--
	R/C from Morrow					
262	*M 12-17S-34E	9/11/84	10/19/84	87/100	87.00	--
150	N 12-17S-34E	1/10/71	2/31/71	95/74	Water Injec.	--

* Infill Well

<u>Well #</u>	<u>Location</u>	<u>Spud Date</u>	<u>Compl. Date</u>	<u>Init. Potential Prod. Rate/Day Oil Bbl/Gas MCF</u>	<u>Current Prod. BOPD</u>	<u>Date P&A</u>
263	*O 11-17S-34E	8/5/84	9/14/84	114/128	104	--
162	J 11-17S-34E	7/29/71	8/25/71	195/350	96.06	--
264	*M 11-17S-34E	9/21/84	11/15/84	82/107	82.00	--
135	L 11-17S-34E	5/19/70	6/24/70	172/92	84.00	--
265	*K 11-17S-34E	8/30/84	10/12/84	198/228	198.00	--
148	N 11-17S-34E	12/17/70	1/15/71	191/103	Water Injec.	--
266	*G 11-17S-34E	10/2/84	12/11/84	124/155		--
224	B 11-17S-34E	9/16/75	10/16/75	120/127	41	--
267	*E 11-17S-34E	10/17/84	12/13/84	113/149		--
214	D 11-17S-34E	4/28/71	5/26/71	144/--	128	--
268	*I 10-17S-34E	11/20/84	1/15/85	--	--	--
202	P 10-17S-34E	1/13/71	2/17/71	358/209	Water Injec.	--
269	*A 15-17S-34E	9/25/84	11/5/84	79/101		--
164	B 15-17S-34E	8/24/71	9/21/71	140/174	43.54	--
270	*O 10-17S-34E	10/21/84	12/10/84	55/65		--
201	J 10-17S-34E	3/11/71	6/5/71	468/313	103	--
271	*G 10-17S-34E	11/1/84	12/18/84	25/33	--	--
131	B 10-17S-34E	9/2/71	9/26/71	224/198	72	--
272	*A 10-17S-34E	11/30/84	NC	NP		--
166	H 10-17S-34E	7/17/71	8/11/71	202/112	Water Injec.	--
273	*C 11-17S-34E	11/1/84	12/20/84	140/173	--	--
217	F 11-17S-34E	1/14/71	2/16/71	120/--	53.00	--
274	*I 12-17S-34E	10/6/84	11/15/84	103/132	103.00	--
159	P 12-17S-34E	4/13/71	5/10/71	269/155	Water Injec.	--
275	*M 14-17S-34E	11/17/84	1/8/85	NP		--
139	L 14-17S-34E	7/10/70	8/8/70	139/76	44.00	--

* Infill Well