

NORTH BURTON FLAT-WOLFCAMP GAS POOL
Eddy County, New Mexico

Order No. R-4949, February 1, 1975, Establishing Pool, as Amended by Order No. R-5063, July 1, 1975; Order No. R-5143, February 1, 1976; Order No. R-5226, July 1, 1976; Order No. R-5309, November 1, 1976; Order No. R-5511, September 1, 1977; Order No. R-5876, December 1, 1978; Order No. R-5988, May 1, 1979; Order No. R-6274, March 1, 1980; Order No. R-6476, October 1, 1980; Order No. R-6657, May 1, 1981; Order No. R-6758, September 1, 1981; Order No. R-7193, February 1, 1983.

T-20-S, R-28-E E/2 Sec. 3; Secs. 9, 10, 11; W/2 Sec. 12; Secs. 14, 15; E/2 Sec. 16; S/2 Sec. 19; S/2 Sec. 20; S/2 Sec. 21; Secs. 22, 23, 28 through 33.



HIGH HOPE-ABO GAS POOL
Eddy County, New Mexico

Order No. R-4951, January 22, 1975, Establishing Pool, as Amended by Order No. R-5456, July 1, 1977.

T-17-S, R-23-E W/2 Sec. 13; E/2 Sec. 14; N/2 Sec. 23.

AVALON-WOLFCAMP GAS POOL
Eddy County, New Mexico

Order No. R-4937, February 1, 1975, Establishing Pool, as Amended by Order No. R-6033, July 1, 1979.

T-21-S, R-26-E W/2 Sec. 21; N/2 Sec. 28.

CORRAL DRAW-MORROW GAS POOL
Eddy County, New Mexico

Order No. R-4937, February 1, 1975, Establishing Pool.

T-25-S, R-29-E S/2 Sec. 14.

SPENCER-PADDOCK POOL
Lea County, New Mexico

Order No. R-4937, February 1, 1975, Establishing Pool, as Amended by Order No. R-5754, July 1, 1978.

T-17-S, R-36-E SE/4 Sec. 24; N/2 Sec. 25.

SOUTH BRUNSON-ABO POOL
Lea County, New Mexico

Order No. R-4957, March 1, 1975, Establishing Pool, as Amended by Order No. R-5456, July 1, 1977; Order No. R-5667, April 1, 1978; Order No. R-6170, November 1, 1979; Order No. R-7351, October 1, 1983; Order No. R-7800, February 1, 1985.

T-22-S, R-38-E E/2 Sec. 30; Sec. 31; W/2, SE/4 Sec. 32; SW/4 Sec. 33.

EK-BONE SPRINGS POOL
Lea County, New Mexico

Order No. R-4957, March 1, 1975, Establishing Pool, as Amended by Order No. R-5102, October 1, 1975; Order No. R-5781, September 1, 1978; Order No. R-7114, November 1, 1982; Order No. R-7607, August 1, 1984; Order No. R-7763, January 1, 1985; Order No. R-7842, March 1, 1985; Order No. R-7959, July 1, 1985.

T-18-S, R-33-E S/2 Sec. 25; N/2 Sec. 36.

T-18-S, R-34-E SW/4 Sec. 29; S/2 Sec. 30; NE/4 Sec. 31; N/2 Sec. 32; W/2 Sec. 33.

ROCK LAKE-WOLFCAMP POOL
Lea County, New Mexico

Order No. R-4957, March 1, 1975, Establishing Pool, as Amended by Order No. R-6169, November 1, 1979.

T-22-S, R-35-E S/2 Sec. 28.

CASEY-STRAWN POOL
Lea County, New Mexico

Order No. R-4992, April 1, 1975, Establishing Pool, as Amended by Order No. R-5081, September 1, 1975; Order No. R-5124, December 1, 1975; Order No. R-7279, June 1, 1983; Order No. R-7667, October 1, 1984.

T-16-S, R-37-E N/2, SE/4 Sec. 27; NE/4 Sec. 33; N/2 Sec. 34.

EAST LUSK-BONE SPRINGS POOL
Lea County, New Mexico

Order No. R-4994, April 15, 1975, Establishing Pool, as Amended by Order No. R-5338, January 1, 1977; Order No. R-5456, July 1, 1977; Order No. R-5534, October 1, 1977; Order No. R-6005, June 1, 1979.

T-19-S, R-32-E E/2, SW/4 Sec. 10; W/2 Sec. 15; SE/4 Sec. 16; W/2 Sec. 22; NW/4 Sec. 27.

WELL S T R	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC 1984	PROD NP	ACCU
BEAD AND STEVENS, INC.														
FEDERAL 1														
1821 6527E GAS	3417	4623	5911	1517	4480	4989	3668	3256	1827	3942	4102	5267	46999	3066824
1821 6527E OIL	1518	1974	3036	3036	1771	9867	7084	7843	3795	7843	7084	7084	61935	9802
FEDERAL L COM														
1821 6527E GAS	CONVERTED TO SMO													
1821 6527E OIL														77998
WEST HAYSTACK														4063
1019 6527E GAS	12013	6078	14751	16494	15599	11812	14515	17836	8166	13033	15064	14187	159550	418830
1019 6527E OIL	20	23	25	26	33	37	48	84	24	30	39	35	448	1329
2M2C 6527E GAS	RECOMPLETED TO CHAVES UNDES ABO (GAS)													
2M2C 6527E OIL														38379
STATE L COM														112
1816 6527E GAS	PLUGGING APPROVED 1974													
1816 6527E OIL														11015
COMPANY TOTAL														
1816 6527E GAS	15450	10701	20662	18011	20078	16801	18183	21092	9992	16973	19144	19434	206922	13523
1816 6527E OIL	1567	2003	3086	3096	1828	9984	7133	7902	3824	7902	7141	7143	82609	4381962
HENSHAM DEVONIAN (GAS) (ABANDONED) DV														
SHELL OIL COMPANY														
HENSHAM DEEP UNIT														
102416530E GAS	RECOMPLETED TO HENSHAM WOLF CAMP													
102416530E OIL														8591
NG MORROW (GAS)														1795
PM														
11M TO 12M														
MURRIS R. ANTWEIL														
FEDERAL 1														
183019530E GAS	3650	3392	3412	1591	1382	2914	3648	4005	3917	3320	3297	3283	37822	372649
183019530E OIL	5		2	3		5	8	11	14	10	7	6	71	5887
WATKINS, JR.														
FEDERAL 1														
133619530E GAS	PLUGGING APPROVED 1974													
133619530E OIL														182918
HIGH HOPE AND (GAS)														2260
AB														
ON TO 5M														
YATES PETROLEUM CORPORATION														
FEDERAL 1														
182317523E GAS	601	571	540	608	559	551	593	563	141	149	141	135	5152	69768
182317523E OIL	749	501	296		407	496	591	526	105	106	97	92	3966	56344
HIGH HOPE AND (GAS)														1
AB														
ON TO 5M														
COMPANY TOTAL														
182317523E GAS	1350	1072	836	608	966	1047	1184	1089	246	255	238	227	9118	126112
182317523E OIL														
HIGH HOPE AND, EAST (GAS)														
AB														
ON TO 5M														
BEARD OIL COMPANY														
HANLAD														
181717524E GAS	104	175	304	357	306	298	308	397	246			355	2850	33558
181717524E OIL														
HIGH HOPE ATUKA, EAST (GAS)														
PA														
7M TO 8M														
BEARD OIL COMPANY														
HAGSTRON														
181717524E GAS	46	102	124	149	127	100	116	57	40	54	81	85	1081	53842
181717524E OIL														84
HANLAD														
181717524E GAS	583	384	410	478	474	527	586	504	312	336	396	496	5486	49159
181717524E OIL														30
MCCAW														
181817524E GAS	433	1026	1179	1212	1089	1091	1096	762	804	1252	429	1232	11605	174508
181817524E OIL														162
COMPANY TOTAL														
181817524E GAS	1062	1512	1713	1839	1690	1718	1798	1323	1156	1642	906	1813	18172	277589
181817524E OIL														
HIGH NITRO PREMIER (GAS)														
GB														
ON TO 5M														
MCLELLAN OIL CORPORATION														
HINCKLE FEDERAL														
1A 916529E GAS	LAST PROD. DATE 12/79													
1A 916529E OIL														S
4H 916529E GAS	158	187	247	250	221	205	211	176	40	47	37	39	1818	25046
4H 916529E OIL	2	2	2	1	2	1	1	3					14	78429
JUNE FEDERAL COM														536
1W 416529E GAS	PLUGGING APPROVED 1982													
1W 416529E OIL														33904
YATES FEDERAL COM														1746
1U 316529E GAS	PLUGGING APPROVED 1977													
1U 316529E OIL														13962
COMPANY TOTAL														
1U 316529E GAS	158	187	247	250	221	205	211	176	40	47	37	39	1818	2931
1U 316529E OIL														158941
HIGHTOWER DEV., E. (GAS) (ABANDONED) DV														
SANT JAGO OIL AND GAS COMPANY														
STATE 1														
183012534E GAS	PLUGGING APPROVED 1966													
183012534E OIL														147027
MOAG STRAWN, WEST (GAS)														9261
PS														
8M TO 9M														
YATES PETROLEUM CORPORATION														
CC TANK UNIT														
1F2819524E GAS	ZONE ABANDONED													
1F2819524E OIL														283323
HOGBALK PO STATE COM														1441
1C2019524E GAS	5	6	8				3	4	2	4	3	3	38	2735
1C2019524E OIL														
COMPANY TOTAL														
1C2019524E GAS	5	6	8				3	4	2	4	3	3	38	1441
1C2019524E OIL														286058
MOAG TANK MORROW (GAS)														
PM														
8M TO 9M														
AMUCO PRODUCTION CO														
STATE IF COM														
111619524E GAS	ZONE ABANDONED													
111619524E OIL														26028
YATES PETROLEUM CORPORATION														
ALLISON CO FEDERAL														
182219524E GAS	458	537	544	585	591	536	155	503	523	608	11617	485	5627	35299
182219524E OIL	25031	20961	25833	23551	22342	20160	18700	17324	10908	11972	11	20827	229226	1684500
OKASUN NY FEDERAL														
102719524E GAS	7375	6069	8047	6500	7269	5903	6253	6057	4727	5128	4239	8869	76428	515482
102719524E OIL	3	5	25	6	2	9	9	2	12	7	14	34	1119	
OKASUN NY FEDERAL COM														
2F2719524E GAS	8838	11573	8688	7208	3203	6253	5598	4507	1772	4530	443	5430	68043	1726453
2F2719524E OIL	4	6	6	7	1				5				1207	
RODEN FEDERAL GO														
112319524E GAS	2298	1954	2184	1824	1790	1850	1769	1839	687	1093	1016	2010	20314	331157
112319524E OIL			2									2		129
COMPANY TOTAL														
112319524E GAS	44000	41094	45298	39668	35295	34702	32475	30230	18617	23323	17315	37621	399638	1336
112319524E OIL	21	20	43	30	59	4	9	2	19	18	20	42	287	4292801
MOAG TANK STRAWN (GAS)														
PS														
8M TO 9M														
YATES PETROLEUM CORPORATION														
RODEN FEDERAL GO														
112319524E GAS	2810	2389	2670	2230	2188	2261	2161	2246	840	1336	1242	2457	24830	289864
112319524E OIL			2										2	108

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. 5385
Order No. R-4951

NOMENCLATURE

APPLICATION OF YATES PETROLEUM
CORPORATION FOR POOL CREATION
AND SPECIAL POOL RULES, EDDY
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 8, 1975, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 22nd day of January, 1975, 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 applicant, Yates Petroleum Corporation, seeks the creation of a new gas pool for Abo production in Eddy County, New Mexico, and the promulgation of special rules and regulations governing said pool, including a provision for 320-acre spacing and proration units and fixed well location requirements.

(3) That the Yates Petroleum Corporation High Hope DJ Federal Well No. 1, located 660 feet from the North line and 480 feet from the West line of Section 13, Township 17 South, Range 23 East, NMPM, Eddy County, New Mexico, having its top perforations at 4478 feet, has discovered a separate common source of supply which should be designated the High Hope-Abo Gas Pool; that the vertical limits of said pool should be the Abo formation and that the horizontal limits of said pool should be the W/2 of said Section 13.

(4) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, temporary special rules and regulations pro-

viding for 320-acre spacing units should be promulgated for the High Hope-Abo Gas Pool.

(5) That the temporary special rules and regulations should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.

(6) That special rules and regulations should be established for a temporary period to expire one year from the date of initial connection of wells in said pool to a gas transportation facility; that during this temporary period all operators in the subject pool should gather all available information relative to drainage and recoverable reserves.

(7) That the operators in said pool should notify the Secretary-Director of the Commission of the date of first gas connection in said pool.

(8) That this case should be reopened at an examiner hearing one year from the date of initial gas connection at which time the operators in the High Hope-Abo Gas Pool should appear and show cause why said pool should not be developed on 160-acre spacing units.

IT IS THEREFORE ORDERED:

(1) That a new pool in Eddy County, New Mexico, classified as a gas pool for Abo production, is hereby created and designated the High Hope-Abo Gas Pool, with vertical limits comprising the Abo formation and horizontal limits comprising the following-described area:

EDDY COUNTY, NEW MEXICO
TOWNSHIP 17 SOUTH, RANGE 23 EAST, NMPM
Section 13: W/2

(2) That temporary Special Rules and Regulations for the High Hope-Abo Gas Pool, Eddy County, New Mexico, are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS
FOR THE
HIGH HOPE-ABO GAS POOL

RULE 1. Each well completed or recompleted in the High Hope-Abo Gas Pool or in the Abo formation within one mile thereof, and not nearer to or within the limits of another designated Abo Gas Pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 320 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental section.

RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit and the unorthodox size or shape of the unit is necessitated by a variation in the legal subdivision of the United States Public Land Surveys, or the following facts exist and the following provisions are complied with:

- (a) The non-standard unit consists of quarter-quarter sections or lots that are contiguous by a common bordering side.
- (b) The non-standard unit lies wholly within a governmental section and contains less acreage than a standard unit.
- (c) The applicant presents written consent in the form of waivers from all offset operators and from all operators owning interests in the section in which the non-standard unit is situated and which acreage is not included in said non-standard unit.
- (d) In lieu of paragraph (c) of this rule, the applicant may furnish proof of the fact that all of the aforesaid operators were notified by registered or certified mail of his intent to form such non-standard unit. The Secretary-Director may approve the application if no such operator has entered an objection to the formation of such non-standard unit within 30 days after the Secretary-Director has received the application.

RULE 4. Each well shall be located not closer than 660 feet to the nearest side boundary of the dedicated tract nor closer than 1980 feet to the nearest end boundary of the dedicated tract nor closer than 330 feet to any quarter-quarter section line or subdivision inner boundary.

RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the proposed location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all operators offsetting the proposed location or if no objection to the unorthodox location has been entered within 20 days after the Secretary-Director has received the application.

IT IS FURTHER ORDERED:

(1) That the locations of all wells presently drilling to or completed in the High Hope-Abo Gas Pool or in the Abo formation within one mile thereof are hereby approved; that the operator of any well having an unorthodox location shall notify the Artesia District Office of the Commission in writing of the name and location of the well on or before March 1, 1975.

(2) That, pursuant to Paragraph A. of Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, existing wells in the High Hope-Abo Gas Pool shall have dedicated thereto 320 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.

Failure to file new Forms C-102 with the Commission dedicating 320 acres 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 High Hope-Abo Gas Pool or in the Abo formation within one mile thereof shall receive no more than one-half of a standard allowable for the pool.

(3) That the operator in the High Hope-Abo Gas Pool first obtaining a gas connection shall notify the Secretary-Director of the Commission of such connection in writing.

(4) That this cause shall be reopened at an examiner hearing approximately one year from the date of first connection, at which time the operators in the High Hope-Abo Gas Pool may appear and show cause why said pool should not be developed on 160-acre spacing units.

(5) 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

I. R. TRUJILLO, Chairman


PHIL R. LUCERO, Member


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

S E A L
jr/