

**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 MP	ACCU
BEAD AND STEVENS, INC.														
FEDERAL I	*****													
1K21 6S27E GAS	3417	4623	5911	1517	4480	4989	3668	3256	1827	3942	4102	5267	46999	3066824
OIL	1518	1974	3036	3036	1731	9867	7064	7843	3793	7843	7084	7084	61933	9802
FEDERAL L COM	CONVERTED TO SMD													
1B21 6S27E GAS	*****													
OIL	*****													
WEST HAYSTACK FEDERAL														
1O19 6S27E GAS	12013	6078	14751	16494	15599	11812	14515	17836	8166	13033	15064	14187	159550	418830
OIL	20	13	25	24	33	37	48	84	24	36	92	55	448	1329
MAT	49	29	50	60	57	117	49	59	29	59	57	59	674	38370
2M2C 6S27E RECOMPLETED TO CHAVES UNDES ABO (GAS)														
OIL	*****													
STATE L COM														
1K16 6S27E GAS	PLUGGING APPROVED 1974													
OIL	*****													
COMPANY TOTAL														
OIL	15430	10701	20642	18011	20078	16801	18183	21092	9982	16973	19144	19431	206926	15523
MAT	1567	2003	3086	3096	1828	9984	7133	7902	3824	7902	7141	7143	82609	4383462
HENSHAM DEVONIAN (GAS) (ABANDONED) DV														
*****														
SHELL OIL COMPANY														
HENSHAM DEEP UNIT														
1C2416S30E GAS	RECOMPLETED TO HENSHAM WOLF CAMP													
OIL	*****													
HG MORROW (GAS)														
PM 11M TO 12M														
*****														
MURRIS R. ANTWEIL														
FEDERAL HG														
1B3019S30E GAS	3656	3392	3417	1591	1382	2914	3648	4005	3917	3320	3297	3283	37822	372649
OIL	5		2	3		5	8	11	14	10	7	6	71	3887
H. L. BROWN, JR.														
YATES FEDERAL														
1J3619S30E GAS	PLUGGING APPROVED 1974													
OIL	*****													
HIGH HOPE ABO (GAS)														
AB OM TO 5M														
*****														
YATES PETROLEUM CORPORATION														
FEDERAL														
1B2317S23E GAS	661	571	540	608	559	551	593	563	141	149	141	135	5152	69768
OIL	749	501	296	407	496	591	526	105		106	97	92	3966	56344
FED COM	*****													
1O1317S23E GAS	*****													
OIL	*****													
COMPANY TOTAL														
OIL	1350	1072	836	608	966	1047	1184	1089	246	255	238	227	9118	126112
HIGH HOPE ABO, EAST (GAS)														
AB OM TO 5M														
*****														
BEARD OIL COMPANY														
HAMLAD														
1E1717S24E GAS	104	175	304	357	306	298	308	397	246			355	2850	33558
HIGH HOPE ATUKA, EAST (GAS)														
PA 7M TO 8M														
*****														
BEARD OIL COMPANY														
MAGSTRON														
1K 817S24E GAS	46	102	124	149	127	100	116	57	40	54	81	85	1081	53842
OIL													84	293
HAMLAD	583	384	410	478	474	527	586	504	312	336	396	496	5486	49159
OIL													30	38
MCCAW	433	1026	1179	1212	1089	1091	1096	762	804	1252	429	1232	11605	174508
OIL													182	142
COMPANY TOTAL														
OIL	1062	1512	1713	1839	1690	1718	1798	1323	1156	1642	906	1013	18172	277589
HIGH NITRU PREMIER (GAS)														
GB OM TO 5M														
*****														
MCLELLAN OIL CORPORATION														
HINWILE FEDERAL														
1A 916S29E GAS	LAST PROD. DATE 12/79													
OIL	158	187	247	250	221	205	211	176	40	47	37	39	1818	25046
OIL	2	2	2	1	2	1	1	3					14	78429
4H 916S29E GAS	158	187	247	250	221	205	211	176	40	47	37	39	1818	78429
OIL	2	2	2	1	2	1	1	3					14	536
JUNE FEDERAL COM	*****													
1M 416S29E GAS	PLUGGING APPROVED 1982													
OIL	*****													
YATES FEDERAL COM	*****													
1U 316S29E GAS	PLUGGING APPROVED 1977													
OIL	*****													
COMPANY TOTAL														
OIL	158	187	247	250	221	205	211	176	40	47	37	39	1818	2931
HIGHTOWER DEV., E. (GAS) (ABANDONED) DV														
*****														
SANT JAGO OIL AND GAS COMPANY														
STATE														
1B3012S34E GAS	PLUGGING APPROVED 1966													
OIL	*****													
HOAG STRAWN, WEST (GAS)														
PS 8M TO 9M														
*****														
YATES PETROLEUM CORPORATION														
CC TANK UNIT														
1F2819S24E GAS	ZONE ABANDONED													
OIL	*****													
HOGBACK PO STATE COM	*****													
1C2019S24E GAS	5	6	8				3	4	2	4	3	3	38	2735
COMPANY TOTAL														
OIL	5	6	8				3	4	2	4	3	3	38	1441
HOAG TANK MORROW (GAS)														
PM 8M TO 9M														
*****														
AMUCO PRODUCTION CO														
STATE IF COM														
1L1619S24E GAS	ZONE ABANDONED													
OIL	*****													
YATES PETROLEUM CORPORATION														
ALLISON CO FEDERAL														
1P2219S24E GAS	458	537	544	585	691	536	155	503	523	608		485	5627	35299
OIL	25031	20961	25833	23551	22342	20160	18700	17324	10908	11972	11617	20827	229226	1684500
14	9	12	17	56	4				2	11	6	8	139	
OKASUN NY FEDERAL	*****													
1O2719S24E GAS	7375	6069	8047	6500	7269	5903	6253	6057	4727	5120	4239	8869	76428	515482
OIL	3	5	25	6			9	2	12	7	14	34	119	
2F2719S24E GAS	8838	11573	8688	7208	3203	6253	5598	4507	1772	4530	443	5430	68043	1726453
OIL	6	2	6	7	1				5				29	1207
RODEN FEDERAL	*****													
1I2319S24E GAS	2298	1954	2184	1824	1790	1850	1769	1839	687	1093	1016	2010	20314	331157
OIL			2										2	129
COMPANY TOTAL														
OIL	44000	41094	45298	39668	35295	34702	32475	30230	18617	23323	17315	37621	399638	4292801
MAT	21	20	43	30	59	4	9	2	19	18	20	42	287	
HOAG TANK STRAWN (GAS)														
PS 8M TO 9M														
*****														
YATES PETROLEUM CORPORATION														
RUDEN FEDERAL														
1I2319S24E GAS	2810	2389	2670	2230	2188	2261	2161	2244	840	1334	1242	2457	24830	289866
OIL			2										2	108

Discovery Well

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/