

RE: CASE 3544

P C A

HALE

1526,871,000
20 1.82 BCF

100,395,000

1.003 BCF

943,725,000
9.43 BCF

DOS HERMANOS
MORROW

A. 3022-B

INDICATES THAT ONE WELL CAN EFFECTIVELY DRAIN 640 AC. CORREL. RIGHTS OK. WELL IN SEC. 28 SURG CAN

GOLDEN LANE (320)

TOWER HILL
MORROW
ABANDONED

R-3212 3-30-67
INDICATES THAT THE CASE BE REOPENED 14R. FM. PIPE-LINE CONN. HOWEVER THIS WAS NOT DONE. WELL CONN. 6-17-67
WELL REPORTED H₂O BREAKTHROUGH. SUR. PSI = 0 RESERVES DO NOT JUSTIFY WORKOVER. WELL MUST NOT HAVE DRAINED 640 OR IF IT DID IT WAS A VERY SMALL RESERVOIR ACCUM. 137,516,000
137 BCF MAROON

SUGG: REDUCE AC. TO 320

Long Brook

R-29-E

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. 3544
Order No. R-3212
NOMENCLATURE

APPLICATION OF PERRY R. BASS,
CITIES SERVICE OIL COMPANY,
AGENT, FOR CREATION OF A GAS
POOL 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 March 22, 1967,
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 30th day of March, 1967, 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, Perry R. Bass, through his agent,
Cities Service Oil Company, seeks the creation of a new gas pool
for Morrow production and the promulgation of special rules and
regulations governing said pool, including a provision for 640-
acre spacing units,

(3) That the Perry R. Bass Big Eddy Unit Well No. 17,
located in Unit B of Section 2, Township 21 South, Range 29 East,
NMPM, Eddy County, New Mexico, has discovered a separate common
source of supply which should be designated the Tower Hill-
Morrow Gas Pool; that the vertical limits of said pool should be

the Morrow zone of the Pennsylvanian formation; and that the horizontal limits of said pool should be all of Lots 1 through 16, Section 2, Township 21 South, Range 29 East, NMPM, Eddy County, New Mexico.

(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 providing for 640-acre spacing units should be promulgated for the Tower Hill-Morrow 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 the special rules and regulations should be established for a temporary period to expire one year from the date that a pipeline connection is first obtained for a well in the pool; that during this temporary period all operators in the subject pool should gather all available information relative to drainage and recoverable reserves.

(7) That this case should be reopened at an examiner hearing one year from the date that a pipeline connection is first obtained for a well in the Tower Hill-Morrow Gas Pool, at which time the operators in the subject pool should appear and show cause why the Tower Hill-Morrow Gas Pool should not be developed on 320-acre spacing units.

(8) That the first operator to obtain a pipeline connection for a well in the Tower Hill-Morrow Gas Pool should notify the Commission in writing of such fact, whereupon the Commission should notify the operator of the time for reopening this case.

IT IS THEREFORE ORDERED:

(1) That a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated the Tower Hill-Morrow Gas Pool, with vertical limits comprising the Morrow zone of the Pennsylvanian formation, and horizontal limits comprising all of Lots 1 through 16, Section 2, Township 21 South, Range 29 East, NMPM, Eddy County, New Mexico.

(2) That temporary Special Rules and Regulations for the Tower Hill-Morrow Gas Pool are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS
FOR THE
TOWER HILL-MORROW GAS POOL

RULE 1. Each well completed or recompleted in the Tower Hill-Morrow Gas Pool or in the Morrow zone of the Pennsylvanian formation within one mile thereof, and not nearer to or within the limits of another designated Morrow 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 640 acres, more or less, consisting of a governmental section.

RULE 3. 1. The District Supervisor of the appropriate district office of the Commission shall have authority to approve a non-standard unit as an exception to the requirements of Rule 2 without notice and hearing when the unorthodox size or shape of the unit is necessitated by the variation in the legal subdivision of the United States Public Land Surveys and the non-standard unit is not less than 75% nor more than 125% of a standard unit.

2. The District Supervisor of the appropriate district office of the Commission may approve the non-standard unit by:

- (a) Accepting a plat showing the proposed non-standard unit and the acreage to be dedicated to the non-standard unit, and
- (b) Assigning an allowable to the non-standard unit.

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 on a standard unit shall be located no nearer than 1650 feet to the outer boundary of the unit and no nearer than 330 feet to any governmental quarter-quarter section line.

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 Tower Hill-Morrow Gas Pool or in the Morrow zone of the Pennsylvanian 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 April 15, 1967.

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CASE No. 3544

Order No. R-3212

(2) That any operator desiring to dedicate acreage pursuant to Rule 2 to a well presently drilling to or completed in the Tower Hill-Morrow Gas Pool shall file a new Form C-102 with the Commission on or before April 15, 1967.

(3) That this case shall be reopened at an examiner hearing one year from the date that a pipeline connection is first obtained for a well in the Tower Hill-Morrow Gas Pool, at which time the operators in the subject pool may appear and show cause why the Tower Hill-Morrow Gas Pool should not be developed on 320-acre spacing units.

(4) That the first operator to obtain a pipeline connection for a well in the Tower Hill-Morrow Gas Pool shall notify the Commission in writing of such fact, whereupon the Commission shall notify the operator of the time for reopening this case.

(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

DAVID F. CARGO, Chairman

GUYTON B. HAYS, Member

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

S E A L

esr/

RANGER LAKE-SAN ANDRES POOL
Lea County, New Mexico

Order No. R-3205, April 1, 1967, Establishing Pool.

T-12-S, R-34-E SW/4 Sec. 11.

NORTHEAST CHAVEROO-SAN ANDRES POOL
Roosevelt County, New Mexico

Order No. R-3237, June 1, 1967, Establishing Pool.

T-7-S, R-34-E SW/4 Sec. 4; S/2 Sec. 5; SE/4 Sec. 6.

TOWER HILL-MORROW GAS POOL
Eddy County, New Mexico

Order No. R-3212, March 30, 1967, Establishing Pool.

T-21-S, R-29-E Lots 1 through 16 Sec. 2.

EAST INBE-PENNSYLVANIAN POOL
Lea County, New Mexico

Order No. R-3237, June 1, 1967, Establishing Pool.

Pool abolished by Order No. R-3662, February 1, 1969.

NORTH VACUUM-LOWER WOLFCAMP POOL
Lea County, New Mexico

Order No. R-3205, April 1, 1967, Establishing Pool, as Amended by Order No. R-3319, October 1, 1967; Order No. R-3355, January 1, 1968; Order No. R-3631, January 1, 1969; Order No. R-3895, January 1, 1970; Order No. R-4194, October 1, 1971.

T-16-S, R-34-E S/2 Sec. 34; SW/4 Sec. 35.

T-17-S, R-34-E SE/4, W/2 Sec. 2; N/2 Sec. 3; N/2 Sec. 4; NE/4 Sec. 11.

SPRINGS-UPPER PENNSYLVANIAN GAS POOL
Eddy County, New Mexico

Order No. R-3237, June 1, 1967, Establishing Pool, as Amended by Order No. R-3319, October 1, 1967; Order No. R-3802, August 1, 1969; Order No. R-4014, September 1, 1970.

T-20-S, R-26-E Sec. 34.

T-21-S, R-25-E Lots 3, 4, 5, 6, 11, 12, 13 and 14 Sec. 2; Lots 1, 2, 7, 8, 9, 10, 15 and 16 Sec. 3.

TOM TOM-SAN ANDRES POOL
Chaves County, New Mexico

Order No. R-3262, July 1, 1967, Establishing Pool, as Amended by Order No. R-3319, October 1, 1967; Order No. R-3342, December 1, 1967; Order No. R-3367, February 1, 1968; Order No. R-5056, August 1, 1975; Order No. R-5081, September 1, 1975; Order No. R-5124, December 1, 1975; Order No. R-5338, January 1, 1977; Order No. R-5626, February 1, 1978; Order No. R-5754, July 1, 1978; Order No. R-5781, September 1, 1978; Order No. R-5911, February 1, 1979; Order No. R-6169, November 1, 1979; Order No. R-6328, May 1, 1980; Order No. R-6420, August 1, 1980; Order No. R-6449, September 1, 1980; Order No. R-6476, October 1, 1980; Order No. R-6536, December 1, 1980; Order No. R-6657, May 1, 1981; Order No. R-6810, November 1, 1981; Order No. R-6838, December 1, 1981; Order No. R-6890, February 1, 1982; Order No. R-6994, June 1, 1982; Order No. R-7009, July 1, 1982; Order No. R-7131, December 1, 1982; Order No. R-7437, March 1, 1984; Order No. R-7959, July 1, 1985.

T-7-S, R-31-E SW/4 Sec. 23; SW/4 Sec. 24; N/2 Sec. 25; Sec. 26; NE/4, S/2 Sec. 27; S/2 Sec. 28; S/2 Sec. 29; E/2, SE/4 SW/4, NW/4 Sec. 32; Secs. 33, 34, 35.

T-8-S, R-31-E N/2, SE/4 Sec. 2; W/2 Sec. 3; Sec. 4; SW/4, N/2 Sec. 5; Sec. 7; W/2 Sec. 8; NW/4 Sec. 9; NW/4 Sec. 10.

MANY GATES-SAN ANDRES POOL
Chaves County, New Mexico

Order No. R-3218, May 1, 1967, Establishing Pool.

T-9-S, R-30-E NW/4 Sec. 7.

PEARL-SAN ANDRES POOL
Lea County, New Mexico

Order No. R-3262, July 1, 1967, Establishing Pool.

T-19-S, R-35-E NE/4 Sec. 35.

WELL S T R YR. OIL MP YR. WATER YK. GAS O-G CUM OIL CUM WATER CUM GAS ST POOL NAME OPERATOR LEASE NAME LAND

MONTHLY TOTALS ARE THRU MONTH OF DECEMBER
MONTHLY TOTALS ARE ADDED TO CUMULATIVE TOTALS

E D O Y C O J N T Y * * * * *

Y 79J21 21S28E	G	301	237	FOLLOWING WELL	RECOMPLETED TO EDDY UNDES	100K (GAS)	*UF
Y 79J21 21S28E	2014 P	20252	20252	FOLLOWING WELL	BASS MORROW (G*PERRY R. BAS*BIG	EDDY UNIT	*UF
76J23 21S28E	30	2814	2713	FOLLOWING WELL	FENIX DELAMAR YATES	EDDY UNIT	*F
76J23 21S28E	31	1113	181	FOLLOWING WELL	INDIAN FLATS	EDDY UNIT	*UF
78J25 21S28E	23	13566	154763	FOLLOWING WELL	INDIAN FLATS	EDDY UNIT	*UF
78J25 21S28E	48	31172	438	FOLLOWING WELL	INDIAN FLATS	EDDY UNIT	*UF
78J25 21S28E	92	62477	878	FOLLOWING WELL	INDIAN FLATS	EDDY UNIT	*UF
1P27 21S28E	1095 P	6771	14881	FOLLOWING WELL	INDIAN FLATS	EDDY UNIT	*UF
87K28 21S28E	5	3784	559	FOLLOWING WELL	BASS MORROW (G*PERRY K. BAS*BIG	EDDY UNIT	*UF
87K28 21S28E	132	76182	132	FOLLOWING WELL	INDIAN FLAT AT*PERRY R. BAS*BIG	EDDY UNIT	*UF
54N29 21S28E	222	249830	6440	FOLLOWING WELL	BASS MORROW (G*PERRY R. BAS*BIG	EDDY UNIT	*UF
54N29 21S28E	41	27329	2861	FOLLOWING WELL	BASS MORROW (G*PERRY R. BAS*BIG	EDDY UNIT	*UF
65C31 21S28E	C	34	34	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*F
65C31 21S28E	57	57	44	FOLLOWING WELL	CARLSBAD MORROW	EDDY UNIT	*UP
95B33 21S28E	77948	82235	213364	FOLLOWING WELL	CARLSBAD STRA*PERRY R. BAS*BIG	EDDY UNIT	*UP
64N33 21S28E	596	22297	406470	FOLLOWING WELL	INDIAN FLAT AT*PERRY R. BAS*BIG	EDDY UNIT	*UF
64N33 21S28E	26655	94079	47885	FOLLOWING WELL	INDIAN FLATS	EDDY UNIT	*UF
1E35 21S28E	983 P	5119	5119	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*UF
2F35 21S28E	6571 P	12811	983	FOLLOWING WELL	INDIAN FLATS	EDDY UNIT	*UF
41J35 21S28E	47	30567	3109	FOLLOWING WELL	INDIAN FLATS	EDDY UNIT	*UF
41J35 21S28E	10001 P	17201	50178	FOLLOWING WELL	INDIAN FLATS	EDDY UNIT	*UF
3L35 21S28E	5437 P	7516	63548	FOLLOWING WELL	INDIAN FLATS	EDDY UNIT	*UF
9226 P	13421	48636	5019	FOLLOWING WELL	INDIAN FLATS	EDDY UNIT	*UF
4082 P	13081	26232	56712	FOLLOWING WELL	INDIAN FLATS	EDDY UNIT	*UF
93K36 21S28E	12	39711	772	FOLLOWING WELL	INDIAN FLATS	EDDY UNIT	*UF
178 2 21S29E	G	1116	10890	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
178 2 21S29E	G	1455	13751	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
1C 4 21S29E	G	206218	301355	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
1C 4 21S29E	G	12565	65905	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
2E 4 21S29E	G	14360	65680	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
1K 4 21S29E	G	6637	256103	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
1K 4 21S29E	G	206110	7565	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
1F 4 21S29E	G	1815	16865	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
1F 4 21S29E	G	518	201921	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
1H 5 21S29E	G	748	41875	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
1H 5 21S29E	G	246	93719	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
2V 5 21S29E	G	5352	82146	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
31 6 21S29E	G	14737	325978	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
73C 8 21S29E	G	14737	354788	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
85N 8 21S29E	G	540	771583	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
84G18 21S29E	G	515	490832	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
94E20 21S29E	G	332	10395	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
40G22 21S29E	G	572	159738	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
40G22 21S29E	G	788	40965	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
40G22 21S29E	G	298	5309	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
1M27 21S29E	G	24932	78	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
38C34 21S29E	G	1685	902038	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
97F35 21S29E	G	3583	32330	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
67L15 21S30E	G	171	86594	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
44H16 21S30E	G	406	1733	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
1135 21S30E	G	280	987	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S
Y 1136 21S30E	G	853	10256	FOLLOWING WELL	EDDY UNDES AT*PERRY R. BAS*BIG	EDDY UNIT	*S

WELL S T R YR. OIL MP YR. WATER YK. GAS O-G CUM OIL CUM WATER CUM GAS ST POOL NAME OPERATOR LEASE NAME LAND

One Year After Gas Connection

Not in Annual
Report

Horse Back - Pennsylvanian Gas Pool
Lea County

R-5316

November 4, 1976

✓
Six Months

Bluitt - Wolfcamp Gas Pool
Roosevelt County

R-2051-C

August 11, 1964

(Abandoned)

Fairview Mills - Wolfcamp Gas Pool
Lea County

R-4996

April 8, 1975

✓

High Hope - Abo Gas Pool
Eddy County

R-4951

January 22, 1975

(Abandoned) ✓

Tower Hill - Morrow Gas Pool
Eddy County

R-3212

March 30, 1967

Not in Annual
Report

East Catclaw Draw - Strawn Gas Pool
Eddy County

R-4405

September 27, 1972

Catclaw Draw - Strawn Gas Pool

(Abandoned)

Eddy County

R-4407

September 27, 1972