

CASE 3442:

SOUTHEASTERN NEW MEXICO  
NOMENCLATURE

---

Case Number

3442

Application  
Transcripts.

Small Exhibits

ETC.

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF  
NEW MEXICO FOR THE PURPOSE OF  
CONSIDERING:

CASE No. 3442  
Order No. R-3104

THE APPLICATION OF THE OIL CONSERVATION  
COMMISSION UPON ITS OWN MOTION FOR AN  
ORDER CREATING, CONTRACTING, AND EXTEND-  
ING CERTAIN POOLS IN CHAVES, EDDY, LEA,  
AND ROOSEVELT COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on August 17, 1966, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 19th day of August, 1966, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, 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 there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of Arkansas Junction-San Andres Pool. Said Arkansas Junction-San Andres Pool was discovered by Aztec Oil & Gas Company, Amerada State No. 1, located in Unit C of Section 12, Township 18 South, Range 36 East, NMPM. It was completed in San Andres on June 12, 1966. The top of perforations is 5143 feet.

(3) That there is need for the creation of a new oil pool in Chaves County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of Cato-San Andres Pool. Said Cato-San Andres Pool was discovered by Pan American Petroleum Corporation, D. C. Baskett No. 1, located in Unit L of Section 11, Township 8 South, Range 30 East, NMPM. It was completed in San Andres on June 19, 1966. The top of perforations is 3496 feet.

(4) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Bone Spring formation, said pool to bear the designation of Grama Ridge-Bone Springs Pool.

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Said Grana Ridge-Bone Springs Pool was discovered by Sinclair Oil & Gas Company (Operator) and Shell Oil Company (Sub-operator), South Wilson Deep Unit No. 2, located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. It was completed in Bone Spring on June 27, 1966. The top of perforations is 10,675 feet.

(5) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of Shoe Bar-Wolfcamp Pool. Said Shoe Bar-Wolfcamp Pool was discovered by Ashmun & Hilliard, J. E. Stokes et al No. 1, located in Unit G of Section 26, Township 16 South, Range 35 East, NMPM. It was completed in Wolfcamp on May 22, 1966. The top of perforations is 10,282 feet. Special vertical limits are defined as being from the top of the Wolfcamp at 9890 feet to the shale break at 10,395 feet. The type log is Ashmun & Hilliard, J. E. Stokes et al No. 1, located in Unit G of Section 26, Township 16 South, Range 35 East, NMPM.

(6) That there is need for the deletion of certain acreage from the Loco Hills Grayburg-San Andres Pool in Eddy County, New Mexico, in order that said acreage may be placed in the Grayburg-Jackson Pool so that all wells in Sinclair Oil & Gas Company's F. M. Robinson 8 Unit III may be in the same pool.

(7) That there is need for certain extensions to the Leslie Spring-San Andres Pool in Chaves County, New Mexico, the Chaveroo-San Andres Pool in Chaves and Roosevelt Counties, New Mexico, the Grayburg-Jackson Pool, the Henshaw Queen Grayburg-San Andres Pool, the Indian Basin-Upper Pennsylvanian Gas Pool, the Lusk-Strawn Pool, and the Penasco-San Andres Pool, all in Eddy County, New Mexico, the Bagley-Upper Pennsylvanian Gas Pool, the Blinebry Oil Pool, the South Corbin-Morrow Gas Pool, the Jenkins-Cisco Pool, the Lovington-Paddock Pool, the Monument-Tubb Pool, the Paddock Pool, the Pearl-Queen Pool, the Vacuum-Upper Pennsylvanian Pool, the Vacuum-Wolfcamp Pool, and the Weir-Blinebry Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the Arkansas Junction-San Andres Pool, consisting of the following-described area:

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM  
SECTION 12: NW/4

(b) That a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the Cato-San Andres Pool, consisting of the following-described area:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM  
SECTION 11: SW/4

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(c) That a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production, is hereby created and designated as the Grama Ridge-Bone Springs Pool, consisting of the following-described area:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM  
SECTION 33: SE/4

(d) That a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production, is hereby created and designated as the Shoe Bar-Wolfcamp Pool, consisting of the following-described area:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM  
SECTION 26: E/2

Special vertical limits: Top pool at 9890 feet, the top of the Wolfcamp formation, bottom pool at the shale break at 10,395 feet. Type log: Ashman and Hilliard, J. E. Stokes et al No. 1, located in Unit C of Section 26, Township 16 South, Range 35 East.

(e) That the Loco Hills Grayburg-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following-described area:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 35: S/2 SE/4 and SE/4 SW/4

(f) That the Grayburg-Jackson Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 15: SW/4 SW/4  
SECTION 35: S/2 SE/4 and SE/4 SW/4

(g) That the Bagley-Upper Pennsylvanian Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 33: NW/4

(h) That the Blinebry Oil Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 17: W/2 SE/4

(i) That the Chaveroo-San Andres Pool in Chaves and Roosevelt Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM

SECTION 13: SE/4  
SECTION 23: E/2 and SW/4  
SECTION 25: SE/4  
SECTION 27: NE/4  
SECTION 31: SE/4

TOWNSHIP 7 SOUTH, RANGE 34 EAST, NMPM

SECTION 19: NE/4 and S/2

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM

SECTION 2: N/2  
SECTION 3: NW/4  
SECTION 4: NE/4

(j) That the South Corbin-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM

SECTION 28: NE/4

(k) That the Henshaw Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM

SECTION 18: NW/4 SW/4

(l) That the Indian Basin-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 23 EAST, NMPM

SECTION 17: All

(m) That the Jenkins-Cisco Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM

SECTION 30: S/2 NW/4

(n) That the Leslie Spring-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM

SECTION 26: N/2 SW/4

(o) That the Lovington-Paddock Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

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CASE No. 3442  
Order No. R-3104

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM  
SECTION 29: SE/4

(p) That the Lusk-Strawn Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM  
SECTION 14: SW/4

(q) That the Monument-Tubb Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 37 EAST, NMPM  
SECTION 34: E/2

(r) That the Paddock Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 22: NW/4 and N/2 SW/4

(s) That the Pearl-Queen Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 35 EAST, NMPM  
SECTION 3: NE/4

(t) That the Penasco-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM  
SECTION 25: N/2 SW/4

(u) That the Vacuum-Upper Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
SECTION 24: SW/4

(v) That the Vacuum-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
SECTION 24: SW/4

(w) That the Weir-Blinbry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended

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Order No. R-3104

to include therein:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM  
SECTION 9: W/2 SE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, contractions, and extensions included herein shall be September 1, 1966.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
*Jack M. Campbell*  
JACK M. CAMPBELL, Chairman

*Guyton B. Hays*  
GUYTON B. HAYS, Member

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

esr/





BERKELEY NEWS-TRIBUNE

JUN 20 1966

New Mexico Press Clipping Bureau  
Albuquerque, N. M.

## Oil Well Comes In

A sixteen barrel, high gravity oil well on section 11, township 8, South, Range 30 East was reported by Sam Southard Sunday. Mr. Frank Southard, Eñada said he had just come from the site.

The well drilled by Pan-American is on the old Cuto homestead south of Lone Wolf. The pay was reported at 3500 feet. Some show was reported at 3200 feet but was not explored. The well is approximately 10 miles west of the Chavero field and is shallower and the oil of higher gravity.

NOMENCLATURE ADVERTISEMENT FOR AUGUST, 1966

CASE 2402

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of new pools in Chaves and Lea Counties, New Mexico, the deletion of an existing pool in Eddy County, New Mexico, and the extension of certain existing pools in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations, deletions, and extensions should not be made.

a) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for San Andres production and designated as the Arkansas Junction-San Andres Pool. The discovery well is Aztec Oil & Gas Company, Amerada State No. 1, located in Unit C of Section 12, Township 18 South, Range 36 East, NMPM. Said pool described as:

✓ TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM  
SECTION 12: NW/4

✓ b) CREATE A new pool in Chaves County, New Mexico, <sup>Cato</sup>classified as an oil pool for San Andres production and designated as the ~~CATO~~ San Andres Pool. The discovery well is Pan American Petroleum Corporation, D. C. Baskett No. 1, located in Unit L of Section 11, Township 8 South, Range 30 East, NMPM. Said pool described as:

✓ TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM  
SECTION 11: SW/4

c) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Grama Ridge-Bone Springs Pool. The discovery well is Shell Oil Company, South Wilson Deep Unit No. 2, located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. Said pool described as:

✓ TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM  
SECTION 33: SE/4

✓ d) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the Shoe Bar-Wolfcamp Pool. The discovery well is Ashmun & Hilliard, J. E. Stokes et al No. 1, located in Unit G of Section 26, Township 16 South, Range 35 East, NMPM, with special vertical limits defined as being from the top of the Wolfcamp at 9890 feet to the shale break at 10,395 feet as in Ashmun & Hilliard, J. E. Stokes et al No. 1, located in Unit G of Section 26, Township 16 South, Range 35 East, NMPM. Said pool described as:

✓ TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM  
SECTION 26: E/2

✓ <sup>Contract</sup> e) ~~DELETE~~ the Loco Hills Grayburg-San Andres Pool in Eddy County, New Mexico, <sup>by the</sup> deletion of the following described ~~area~~:

✓ TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 35: S/2 SE/4 and SE/4 SW/4

August, 1966 Nomenclature

- (g) ☒ EXTEND the Bagley-Upper Pennsylvanian Gas Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 33: NW/4

- (h) ☒ EXTEND the Blinebry Oil Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 17: W/2 SE/4

- (i) ☒ EXTEND the Chaveroo-San Andres Pool in Chaves and Roosevelt Counties, New Mexico, to include therein: ✓

✓ TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM  
SECTION 13: SE/4  
SECTION 31: SE/4

✓ TOWNSHIP 7 SOUTH, RANGE 34 EAST, NMPM  
SECTION 19: NE/4

✓ TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM  
SECTION 2: N/2  
SECTION 3: NW/4  
SECTION 4: NE/4

- (j) ☒ EXTEND the South Corbin-Morrow Gas Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM  
SECTION 28: NE/4

- ✓ (f) ☒ EXTEND the Grayburg-Jackson Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 15: SW/4 SW/4  
SECTION 35: S/2 SE/4 and SE/4 SW/4

- ✓ k) EXTEND the Henshaw Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM  
SECTION 18: NW/4 SW/4

- ✓ l) EXTEND the Indian Basin-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 22 SOUTH, RANGE 23 EAST, NMPM  
SECTION 17: All

- m) EXTEND the Jenkins-Cisco Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM  
SECTION 30: S/2 NW/4

August, 1966 Nomenclature

n) EXTEND the Leslie Spring-San Andres Pool in Chaves County, New Mexico, to include therein:

✓ TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM  
SECTION 26: N/2 SW/4

o) EXTEND the Lovington-Paddock Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM  
SECTION 29: SE/4

✓ p) EXTEND the Lusk-Strawn Pool in Eddy County, New Mexico, to include therein: ✓

✓ TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM  
SECTION 14: SW/4

q) EXTEND the Monument-Tubb Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 19 SOUTH, RANGE 37 EAST, NMPM  
SECTION 34: S/2

r) EXTEND the Paddock Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 22: NW/4 and N/2 SW/4

s) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 20 SOUTH, RANGE 35 EAST, NMPM  
SECTION 3: NE/4

t) EXTEND the Penasco-San Andres Pool in Eddy County, New Mexico, to include therein: ✓

✓ TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM  
SECTION 25: N/2 SW/4

u) EXTEND the Vacuum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
SECTION 24: SW/4

v) EXTEND the Vacuum-Wolfcamp Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
SECTION 24: SW/4

w) EXTEND the Weir-Blinebry Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
SECTION 9: W/2 SE/4

DOCKET: REGULAR HEARING - WEDNESDAY - AUGUST 17, 1966

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

- ALLOWABLE:
- (1) Consideration of the oil allowable for September, 1966.
  - (2) Consideration of the allowable production of gas for September, 1966, from thirteen prorated pools in Lea, Eddy, and Roosevelt Counties, New Mexico. Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for September, 1966.

CASE 3261: In the matter of Case No. 3261 being reopened at the request of Amerada Petroleum Corporation to consider the amendment of the special rules for the Jenkins-Cisco Pool, Lea County, New Mexico, to provide for 160-acre oil proration units. Applicant also seeks the extension of said pool to include certain lands in Township 9 South, Ranges 34 and 35 East. The present temporary special rules promulgated by Order No. R-2931 in Case 3261 provide for 80-acre proration units, and are subject to reconsideration in July, 1966. Upon application by Amerada Petroleum Corporation, this case will be heard de novo under the provisions of Rule 1220.

CASE 3442: Southeastern New Mexico nomenclature case calling for an order for the creation, contraction, and extension of certain pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico.

a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for San Andres production and designated as the Arkansas Junction-San Andres Pool. The discovery well is Aztec Oil & Gas Company, Amerada State No. 1, located in Unit C of Section 12, Township 18 South, Range 36 East, NMPM. Said pool described as:

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM  
SECTION 12: NW/4

b) CREATE a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production and designated as the Cato-San Andres Pool. The discovery well is Pan American Petroleum Corporation, D. C. Baskett No. 1, located in Unit L of Section 11, Township 8 South, Range 30 East, NMPM. Said pool described as:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM  
SECTION 11: SW/4

c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Grama Ridge-Bone Springs Pool. The discovery well is Shell Oil Company, South Wilson Deep Unit No. 2, located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. Said pool described as:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM  
SECTION 33: SE/4

CASE 3442 - Continued:

d) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the Shoe Bar-Wolfcamp Pool. The discovery well is Ashmun & Hilliard, J. E. Stokes et al No. 1, located in Unit G of Section 26, Township 16 South, Range 35 East, NMPM, with special vertical limits defined as being from the top of the Wolfcamp at 9890 feet to the shale break at 10,395 feet as in Ashmun & Hilliard, J. E. Stokes et al No. 1, located in Unit G of Section 26, Township 16 South, Range 35 East, NMPM. Said pool described as:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM  
SECTION 26: E/2

e) Contract the Loco Hills Grayburg-San Andres Pool in Eddy County, New Mexico, by the deletion of the following described area:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 35: S/2 SE/4 and SE/4 SW/4

f) EXTEND the Grayburg-Jackson Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 15: SW/4 SW/4  
SECTION 35: S/2 SE/4 and SE/4 SW/4

g) EXTEND the Bagley-Upper Pennsylvanian Gas Pool to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 33: NW/4

h) EXTEND the Blinebry Oil Pool to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 17: W/2 SE/4

i) EXTEND the Chavaroo-San Andres Pool to include therein:

TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM  
SECTION 13: SE/4  
SECTION 31: SE/4

TOWNSHIP 7 SOUTH, RANGE 34 EAST, NMPM  
SECTION 19: NE/4

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM  
SECTION 2: N/2  
SECTION 3: NW/4  
SECTION 4: NE/4

j) EXTEND the South Corbin-Morrow Gas Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM  
SECTION 28: NE/4

k) EXTEND the Henshaw Queen-Grayburg-San Andres Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM  
SECTION 18: NW/4 SW/4

CASE 3442 - Continued:

- l) EXTEND the Indian Basin-Upper Pennsylvanian Gas Pool to include therein:

TOWNSHIP 22 SOUTH, RANGE 23 EAST, NMPM  
SECTION 17: All

- m) EXTEND the Jenkins-Cisco Pool to include therein:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM  
SECTION 30: S/2 NW/4

- n) EXTEND the Leslie Spring-San Andres Pool to include therein:

TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM  
SECTION 26: N/2 SW/4

- o) EXTEND the Lovington-Paddock Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM  
SECTION 29: SE/4

- p) EXTEND the Lusk-Strawn Pool to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM  
SECTION 14: SW/4

- q) EXTEND the Monument-Tubb Pool to include therein:

TOWNSHIP 19 SOUTH, RANGE 37 EAST, NMPM  
SECTION 34: S/2

- r) EXTEND the Paddock Pool in Lea County to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 22: NW/4 and N/2 SW/4

- s) EXTEND the Pearl-Queen Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 35 EAST, NMPM  
SECTION 3: NE/4

- t) EXTEND the Penasco-San Andres Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM  
SECTION 25: N/2 SW/4

- u) EXTEND the Vacuum-Upper Pennsylvanian Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
SECTION 24: SW/4

- v) EXTEND the Vacuum-Wolfcamp Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
SECTION 24: SW/4

- w) EXTEND the Weir-Blinebry Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
SECTION 9: W/2 SE/4

dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

1170 SIMMS BLDG. • P. O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO



PAGE 1

BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
August 17, 1966

Regular HEARING

IN THE MATTER OF:

Southeastern New Mexico nomenclature  
case calling for an order for the  
creation, contraction, and extension of  
certain pools in Lea, Eddy, Chaves and  
Roosevelt Counties, New Mexico

Case No. 3442

BEFORE:

Jack M. Campbell, Governor  
G. B. Hays, Land Commissioner  
A. L. "Pete" Porter, Director of Commission

TRANSCRIPT OF HEARING



BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
August 17, 1966

IN THE MATTER OF:

Southeastern New Mexico nomenclature  
case calling for an order for the  
creation, contraction, and extension of  
certain pools in Lea, Eddy, Chaves and  
Roosevelt Counties, New Mexico

Case No. 3442

BEFORE:

Jack M. Campbell, Governor  
G. B. Hays, Land Commissioner  
A. L. "Pete" Porter, Director of Commission

TRANSCRIPT OF HEARING

MR. PORTER: The hearing will come to order. We  
will take up next Case 3442.

MR. HATCH: Case 3442 is a nomenclature case  
calling for an order for the creation, contraction, and extent-  
ion of certain pools in Lea, Eddy, Chaves and Roosevelt Counties  
New Mexico.

MR. PORTER: Mr. Nutter, would you take the stand.

( Witness sworn.)

DAN NUTTER

called as a witness, first having been duly sworn was examined and testified as follows:

DIRECT EXAMINATION

BY MR. HATCH:

Q Would you state your name and position for the record, please.

A Dan Nutter, Chief Engineer for the Oil Conservation Commission.

Q Are you prepared to make recommendations to the Commission concerning nomenclature for pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico?

A Yes, sir, I am.

Q Are your recommendations prepared in the form of an exhibit?

A Yes, sir, they are. This is identified as OCC Exhibit 1 in this case.

Q Will you please refer to this exhibit and to the document that has been prepared for this hearing and substantiate between the two.

A Yes, sir. Exhibit 1 is an exhibit for the creation, contraction and extension of certain pools. It is identical on the pool limits, with the limits as described on the docket

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DAILY COPY, CONVENTIONS

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, ALBUQUERQUE, NEW MEXICO

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PAGE 3

for the creation of the four pools in Paragraphs A, B, C and D. The contractions in Paragraph F. is identical with that shown on the exhibit -- on the docket. Paragraphs F, G and H for the extention of certain pools, are identical with the docket. Paragraph I, " It is recommended that the Chaveroo-San Andres Pool be extended as follows; Township 7, Range 3 East, Section 13, southeast quarter. Section 31, southeast quarter, Section 23, east half and southwest quarter. Section 25, southeast quarter. Section 27, northeast quarter. Township 7, South, Range 34 East, Section 19, northeast quarter and south half of Section 19. Township 8, South, Range 33, East, Section 2, north half. Section 3, northwest quarter. Section 4, northeast quarter.

Paragraphs J, K, M, N, O, P, Q, R, S, T, U, V and W are as shown on the docket.

Q Do you have anything further to add to your testimony?

A No, I believe that's all in this particular case.

Q Was Exhibit 1 prepared by you or under your supervision?

A Yes, it was.

MR. HATCH: Then, I would like to move the introduction of Exhibit 1 into evidence.

MR. PORTER: Without objection, the exhibit will be admitted. Are there any more questions of Mr. Nutter?

MR. KELIAHIN: Mr. Nutter referred to contraction, Paragraph F instead of Paragraph E.

MR. NUTTER: Paragraph E. is the proper paragraph number.

CROSS EXAMINATION

BY GOVERNOR CAMPBELL

Q Mr. Nutter, what is your estimate of the present geographical extent of the Chaveroo Pool, how many acres are presently in development, I mean how many sections are developed, do you recall?

A The last I heard, there were 178 wells in the pool Governor. Now, there are some un-drilled locations right in the heart of the pool, so the number of acres would exceed forty times 178.

MR. PORTER: Perhaps two hundred would be a nearer, more accurate estimate; two hundred wells.

MR. NUTTER: It might be of interest to know that we just received application this morning for eighty acre spacing in the pool.

MR. PORTER: If there are no further questions of the witness, he may be excused.

( Witness excused.)

If there is nothing further to be offered, the

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Commission will take the case under advisement and the hearing is now adjourned.

( Whereupon the hearing was  
adjourned at approximately  
11:00 a.m., in the morning.)

\* \* \* \* \*

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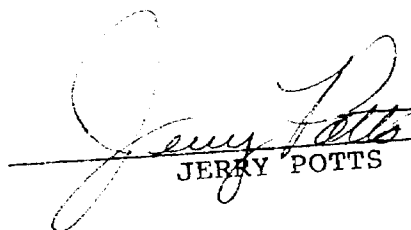
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STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO ) ss

I, JERRY POTTS, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Proceedings before the New Mexico Oil Conservation Commission was reported by me, and that the same is a true and correct record to the best of my knowledge, skill and ability.

WITNESS my Hand and Seal this 23rd day of August, 1966.

  
JERRY POTTS

My Commission Expires:  
July 10, 1970.

g) EXTEND the Bagley-Upper Pennsylvanian Gas Pool to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 33: NW/4

h) EXTEND the Blinebry Oil Pool to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 17: W/2 SE/4

i) EXTEND the Chavaroo-San Andres Pool to include therein:

TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM  
SECTION 13: SE/4  
SECTION 31: SE/4

TOWNSHIP 7 SOUTH, RANGE 34 EAST, NMPM  
SECTION 19: NE/4

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM  
SECTION 2: N/2  
SECTION 3: NW/4  
SECTION 4: NE/4

j) EXTEND the South Corbin-Morrow Gas Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM  
SECTION 28: NE/4

k) EXTEND the Henshaw Queen-Grayburg-San Andfes Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM  
SECTION 18: NW/4 SW/4

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SANTA FE, NEW MEXICO

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ALLOWABLE: (1) Consideration of the oil allowable for September, 1966.

(2) Consideration of the allowable production of gas for September, 1966, from thirteen prorated pools in Lea, Eddy, and Roosevelt Counties, New Mexico. Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for September, 1966.

CASE 3261: In the matter of Case No. 3261 being reopened at the request of Amerada Petroleum Corporation to consider the amendment of the special rules for the Jenkins-Cisco Pool, Lea County, New Mexico, to provide for 160-acre oil proration units. Applicant also seeks the extension of said pool to include certain lards in Township 9 South, Ranges 34 and 35 East. The present temporary special rules promulgated by Order No. R-2931 in Case 3261 provide for 80-acre proration units, and are subject to reconsideration in July, 1966. Upon application by Amerada Petroleum Corporation, this case will be heard de novo under the provisions of Rule 1220.

CASE 3442: Southeastern New Mexico nomenclature case calling for an order for the creation, contraction, and extension of certain pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico.

a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for San Andres production and designated as the Arkansas Junction-San Andres Pool. The discovery well is Aztec Oil & Gas Company, Amerada State No. 1, located in Unit C of Section 12, Township 18 South, Range 36 East, NMPM. Said pool described as:

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM  
SECTION 12: NW/4

b) CREATE a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production and designated as the Cato-San Andres Pool. The discovery well is Cato Oil & Gas Company, located in Unit C of Section 12, Township 18 South, Range 36 East, NMPM. Said pool described as:

CASE 3442: Southeastern New Mexico nomenclature case calling for an order for the creation, contraction, and extension of certain pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico.

a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for San Andres production and designated as the Arkansas Junction-San Andres Pool. The discovery well is Aztec Oil & Gas Company, Amerada State No. 1, located in Unit C of Section 12, Township 18 South, Range 36 East, NMPM. Said pool described as:

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM  
SECTION 12: NW/4

b) CREATE a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production and designated as the Cato-San Andres Pool. The discovery well is Pan American Petroleum Corporation, D. C. Baskett No. 1, located in Unit L of Section 11, Township 8 South, Range 30 East, NMPM. Said pool described as:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM  
SECTION 11: SW/4

c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Grama Ridge-Bone Springs Pool. The discovery well is Shell Oil Company, South Wilson Deep Unit No. 2, located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. Said pool described as:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM  
SECTION 33: SE/4

d) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the Shoe Bar-Wolfcamp Pool. The discovery well is Ashmun & Hilliard, J. E. Stokes et al No. 1, located in Unit G of Section 26, Township 16 South, Range 35 East, NMPM, with special vertical limits defined as being from the top of the Wolfcamp at 9890 feet to the shale break at 10,395 feet as in Ashmun & Hilliard, J. E. Stokes et al No. 1, located in Unit G of Section 26, Township 16 South, Range 35 East, NMPM. Said pool described as:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM  
SECTION 26: E/2

e) Contract the Loco Hills Grayburg-San Andres Pool in Eddy County, New Mexico, by the deletion of the following described area:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 35: S/2 SE/4 and SE/4 SW/4

f) EXTEND the Grayburg-Jackson Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 15: SW/4 SW/4  
SECTION 35: S/2 SE/4 and SE/4 SW/4

g) EXTEND the Bagley-Upper Pennsylvanian Gas Pool to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 33: NW/4

h) EXTEND the Blinebry Oil Pool to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 17: W/2 SE/4

i) EXTEND the Chavaroo-San Andres Pool to include therein:

TOWNSHIP 7 SOUTH, RANGE 33 EAST, NMPM  
SECTION 13: SE/4  
SECTION 31: SE/4



- l) EXTEND the Indian Basin-Upper Pennsylvanian Gas Pool to include therein:

TOWNSHIP 22 SOUTH, RANGE 23 EAST, NMPM  
SECTION 17: All

- m) EXTEND the Jenkins-Cisco Pool to include therein:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM  
SECTION 30: S/2 NW/4

- n) EXTEND the Leslie Spring-San Andres Pool to include therein:

TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM  
SECTION 26: N/2 SW/4

- o) EXTEND the Lovington-Paddock Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM  
SECTION 29: SE/4

- p) EXTEND the Lusk-Strawn Pool to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM  
SECTION 14: SW/4

- q) EXTEND the Monument-Tubb Pool to include therein:

TOWNSHIP 19 SOUTH, RANGE 37 EAST, NMPM  
SECTION 34: S/2

- r) EXTEND the Paddock Pool in Lea County to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 22: NW/4 and N/2 SW/4

- s) EXTEND the Pearl-Queen Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 35 EAST, NMPM  
SECTION 3: NE/4

- t) EXTEND the Penasco-San Andres Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM  
SECTION 25: N/2 SW/4

- u) EXTEND the Vacuum-Upper Pennsylvanian Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
SECTION 24: SW/4

- v) EXTEND the Vacuum-Wolfcamp Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
SECTION 24: SW/4

- w) EXTEND the Weir-Blinebry Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
SECTION 9: W/2 SE/4

pool. The discovery well is Pan American Petroleum Corporation, D. C. Baskett No. 1, located in Unit L of Section 11, Township 8 South, Range 30 East, NMPM. Said pool described as:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM  
SECTION 11: SW/4

c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Grama Ridge-Bone Springs Pool. The discovery well is Shell Oil Company, South Wilson Deep Unit No. 2, located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. Said pool described as:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM  
SECTION 33: SE/4

ADDITIONS-----  
SECTION 23: E/2 and SW/4  
SECTION 25: SE/4  
SECTION 27: NE/4

TOWNSHIP 7 SOUTH, RANGE 34 EAST, NMPM  
SECTION 19: NE/4  
ADDITION-----SECTION 19: S/2  
TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM  
SECTION 2: N/2  
SECTION 3: NW/4  
SECTION 4: NE/4

j) EXTEND the South Corbin-Morrow Gas Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM  
SECTION 28: NE/4

k) EXTEND the Henshaw Queen-Grayburg-San Andfes Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM  
SECTION 18: NW/4 SW/4

## NEW POOLS

- a) It is recommended that a new oil pool be created and designated as the ARKANSAS JUNCTION-SAN ANDRES Pool.

Vertical limits to be the San Andres formation and the horizontal limits should be as follows: As shown in Paragraph (a), Exhibit I

Discovery well was Aztec Oil & Gas Company - Amerada State #1 located in Unit C Section 12 Township 18 Range 36 and was completed on June 12, 1966 ~~with an initial potential of \$4.3M BOPD/MCEPD~~ Top of perforations is at 5143 feet.

- b) It is recommended that a new oil pool be created and designated as the CATO-SAN ANDRES Pool.

Vertical limits to be the San Andres formation and the horizontal limits should be as follows: As shown in Paragraph (b), Exhibit I

Discovery well was Pan American Petroleum Corporation - D. C. Baskett #1 located in Unit L Section 11 Township 8 Range 30 and was completed on June 18, 1966 ~~with an initial potential of \$3.3M BOPD/MCEPD~~ Top of perforations is at 3496 feet.

- c) It is recommended that a new oil pool be created and designated as the GRAMA RIDGE-BONE SPRINGS Pool.

Vertical limits to be the Bone Spring formation and the horizontal limits should be as follows: As shown in Paragraph (c), Exhibit I

Discovery well was Sinclair Oil & Gas Co. (Operator) and Shell Oil Co. (Sub-operator) South Wilson Deep Unit #2 located in Unit J Section 33 Township 21 Range 34 and was completed on June 27, 1966 ~~with an initial potential of \$4.3M BOPD/MCEPD~~ Top of perforations is at 10,675 feet.

NEW POOLS

d) It is recommended that a new oil pool be created and designated as the

SHOE BAR-WOLFCAMP Pool.

From the top of the Wolfcamp at 9890 feet to the shale  
Vertical limits to be the break at 10,395 feet formation and the horizontal

Type Log: Ashmun & Hilliard, J. E. Stokes et al #1 in Unit G of Section 26-16-35.  
limits should be as follows: As shown in Paragraph (d), Exhibit I

Discovery well was Ashmun & Hilliard - J. E. Stokes et al #1

located in Unit G Section 26 Township 16 Range 35 and was completed on

May 22, 1966 with an initial potential of 1000 BOPD/MCFGPD Top of  
perforations is at 10,282 feet.

It is recommended that a new        pool be created and designated as the

       Pool.

Vertical limits to be the        formation and the horizontal  
limits should be as follows:       

Discovery well was       

located in Unit        Section        Township        Range        and was completed on

       with an initial potential of        BOPD/MCFGPD. Top of  
perforations is at        feet.

It is recommended that a new        pool be created and designated as the

       Pool.

Vertical limits to be the        formation and the horizontal  
limits should be as follows:       

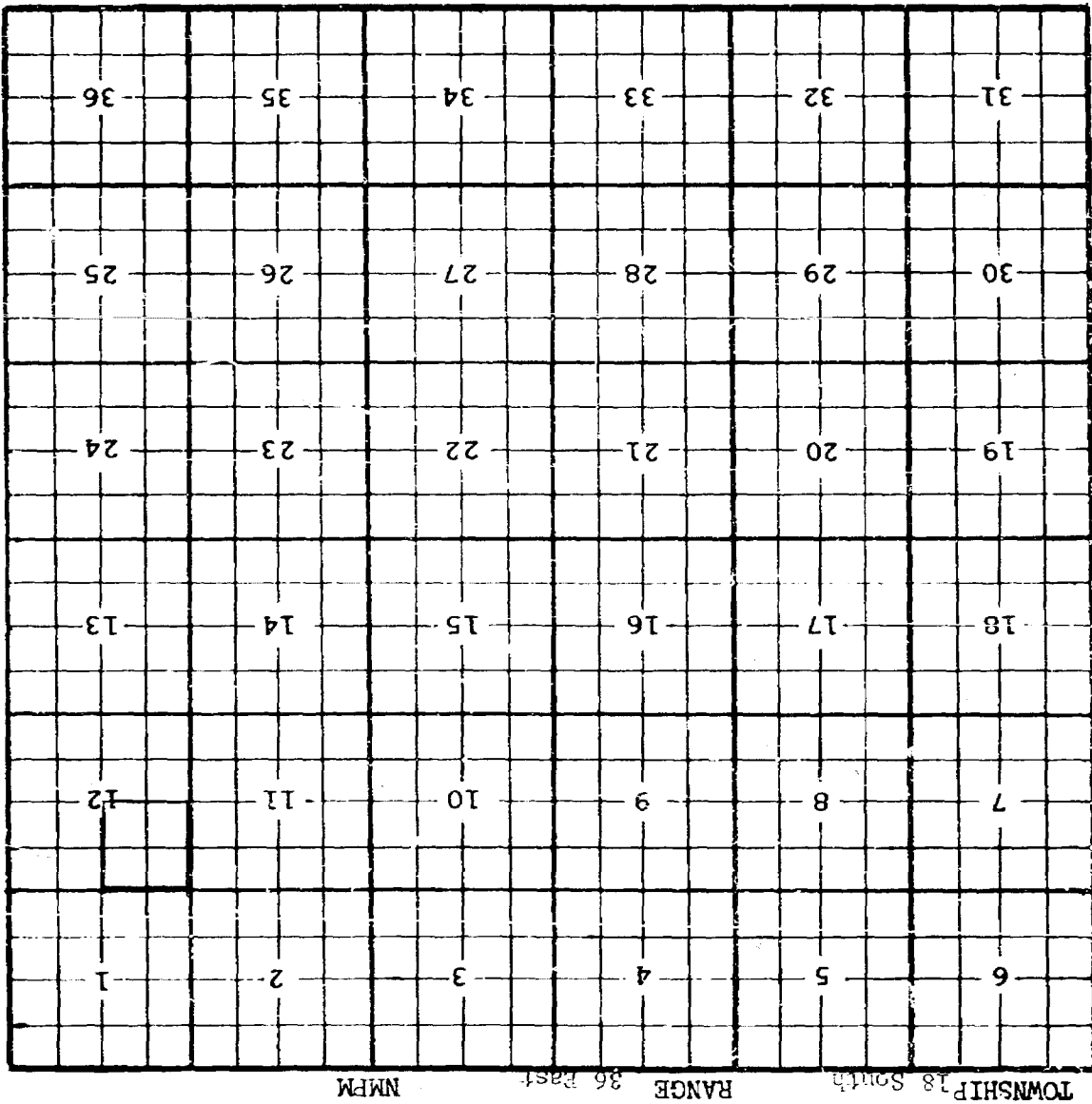
Discovery well was       

located in Unit        Section        Township        Range        and was completed on

       with an initial potential of        BOPD/MCFGPD. Top of  
perforations is at        feet.

CASE 3442: (a) CREATION OF A NEW OIL POOL

COUNTY LEA POOL ARKANSAS JUNCTION-SAN ANDRES



PURPOSE: One completed oil well capable of producing.

AZTEC OIL & GAS COMPANY - Amador State #1 in Unit C of Section 12-18-36

Completed in San Andres on June 12, 1966. Top of Perforations 51431.

Proposed pool boundary colored in red. SECTION 12: NW/4

CASE 3442: (b) CREATION OF A NEW OIL POOL

COUNTY CILAVES POOL CATO-SAN ANDRES

TOWNSHIP 8 South RANGE 30 East NMFM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed oil well capable of producing.

PAN AMERICAN PETROLEUM CORPORATION - D. C. Baskett #1 in Unit L of Section 11-8-30. Completed in San Andres on June 18, 1966. Top of Perforations 3496'.

Proposed pool boundary colored in red. SECTION 11: SW/4

CASE 3442: (c) CREATION OF A NEW OIL POOL

COUNTY LEA POOL GRAMA RIDGE BONE SPRINGS

TOWNSHIP 21 South RANGE 34 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed oil well capable of producing.

SINCLAIR OIL & GAS COMPANY (Operator) and SHELL OIL COMPANY (Sub-operator)

South Wilson Deep Unit #2 in Unit J of Section 33-21-34. Completed in Bone Spring on June 27, 1966. Top of Perforations 10,675'.

Proposed pool boundary colored in red. SECTION 33: SE/4



CASE 3442: (d) CREATION OF A NEW OIL POOL

COUNTY LEM POOL SHOE BAR-WOLF CAMP

TOWNSHIP 16 South RANGE 35 East NMFM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: Two completed oil wells capable of producing.

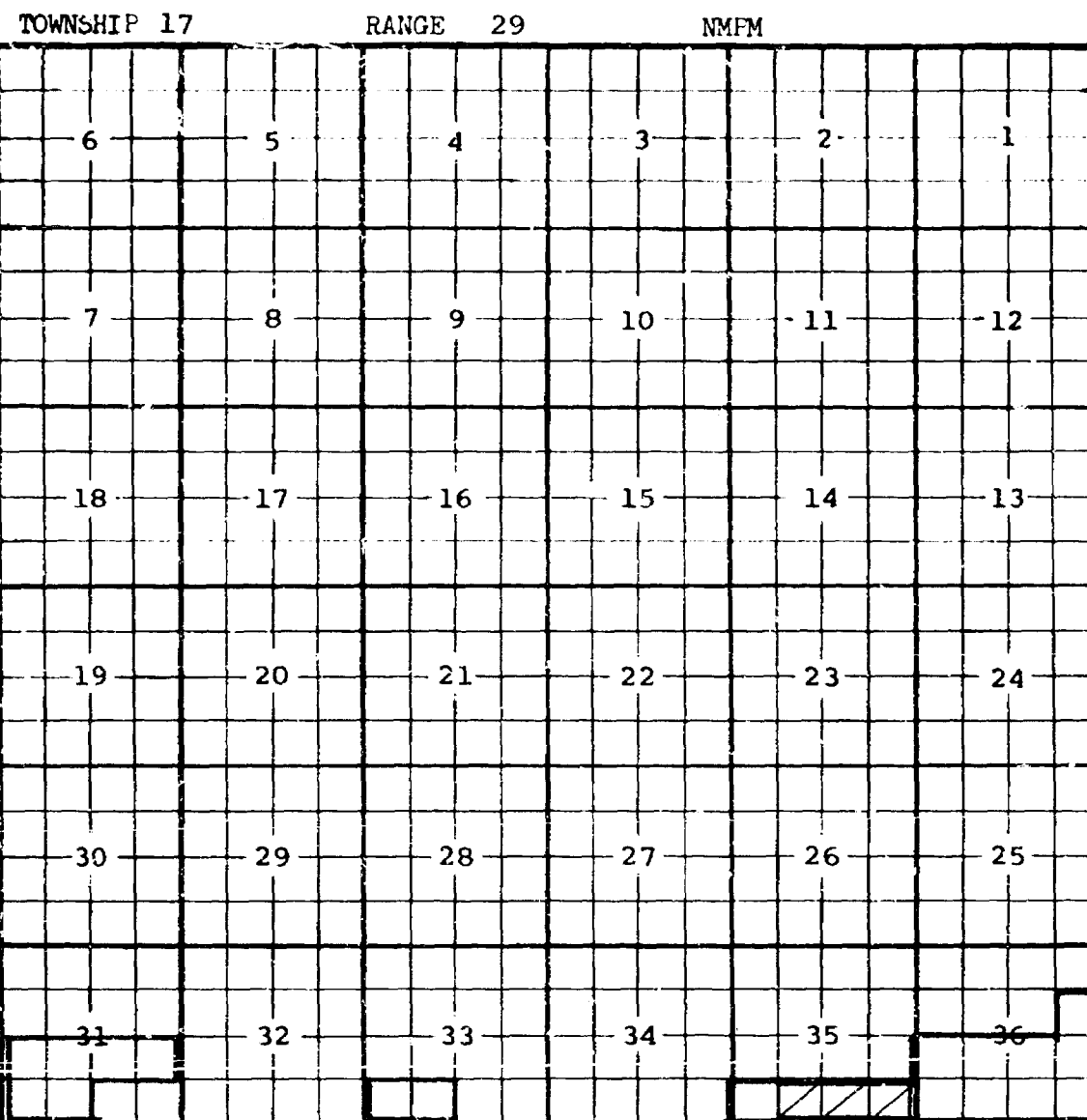
DISCOVERY WELL--ASHMUN & HILLIARD - J. E. Stokes et al #1 in Unit G of Section 26-16-35. Completed in Wolfcamp on May 22, 1966. Top of Perforations 10,282'.

ASHMUN & HILLIARD - Eidson #1 in Unit J of Section 26-16-35. Completed in Wolfcamp on November 11, 1965. Top of Perforations 10,264'.

Proposed pool boundary colored in red. SECTION 26: E/2  
Special Vertical Limits: From the top of the Wolfcamp at 9890 feet to the shale break at 10,395 feet.

Type Log: Ashmun & Hilliard, J. E. Stokes et al #1 in Unit G of Section 26-16-35.

Deletion CASE 3442: (c) DELETION OF AN EXISTING OIL POOL  
COUNTY EDDY POOL LOCO HILLS (G-SA)



Purpose: Contract the Loco Hills Pool and extend the Grayburg Jackson Pool in order that all wells in Sinclair's F.M. Robinson B Unit III may be in the same pool.

Pool boundary colored in red.

Proposed deletion colored in blue. Section 35: S/2 SE/4 & SE/4 SW/4

CASE 3442: (C) EXTENSION OF AN EXISTING OIL POOL

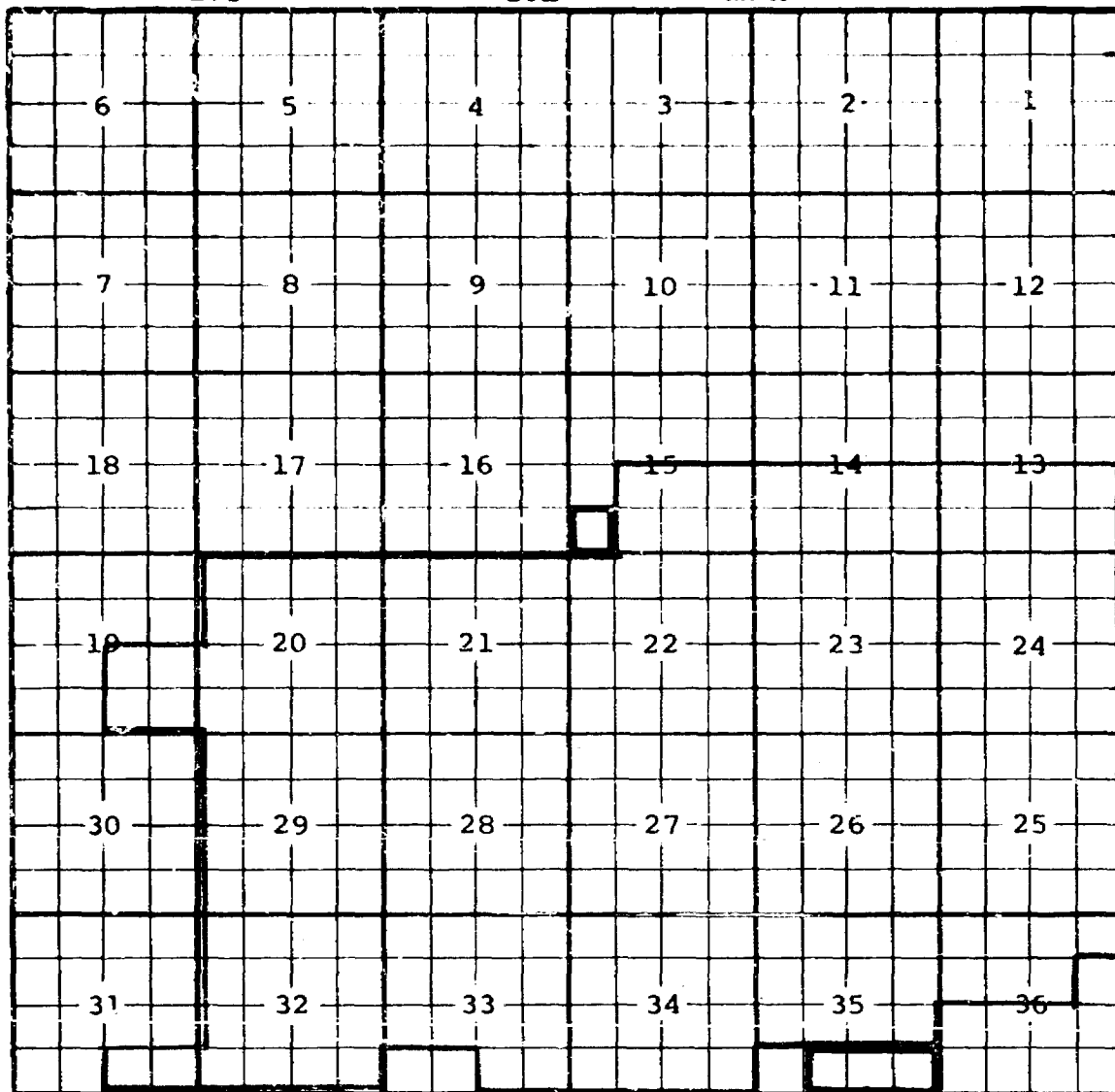
COUNTY EDDY

POOL GRAYBURG JACKSON (Q-G-SA)

TOWNSHIP 17S

RANGE 29E

**NMFM**



Purpose: To take in acreage deleted from the Loco Hills Pool  
and one completed oil well capable of producing.

Tenneco Oil Co., State K No. 15 in Unit M of Section 15-17-29.  
Completed in San andres June 6, 1966, through perforations  
2590 to 2731.

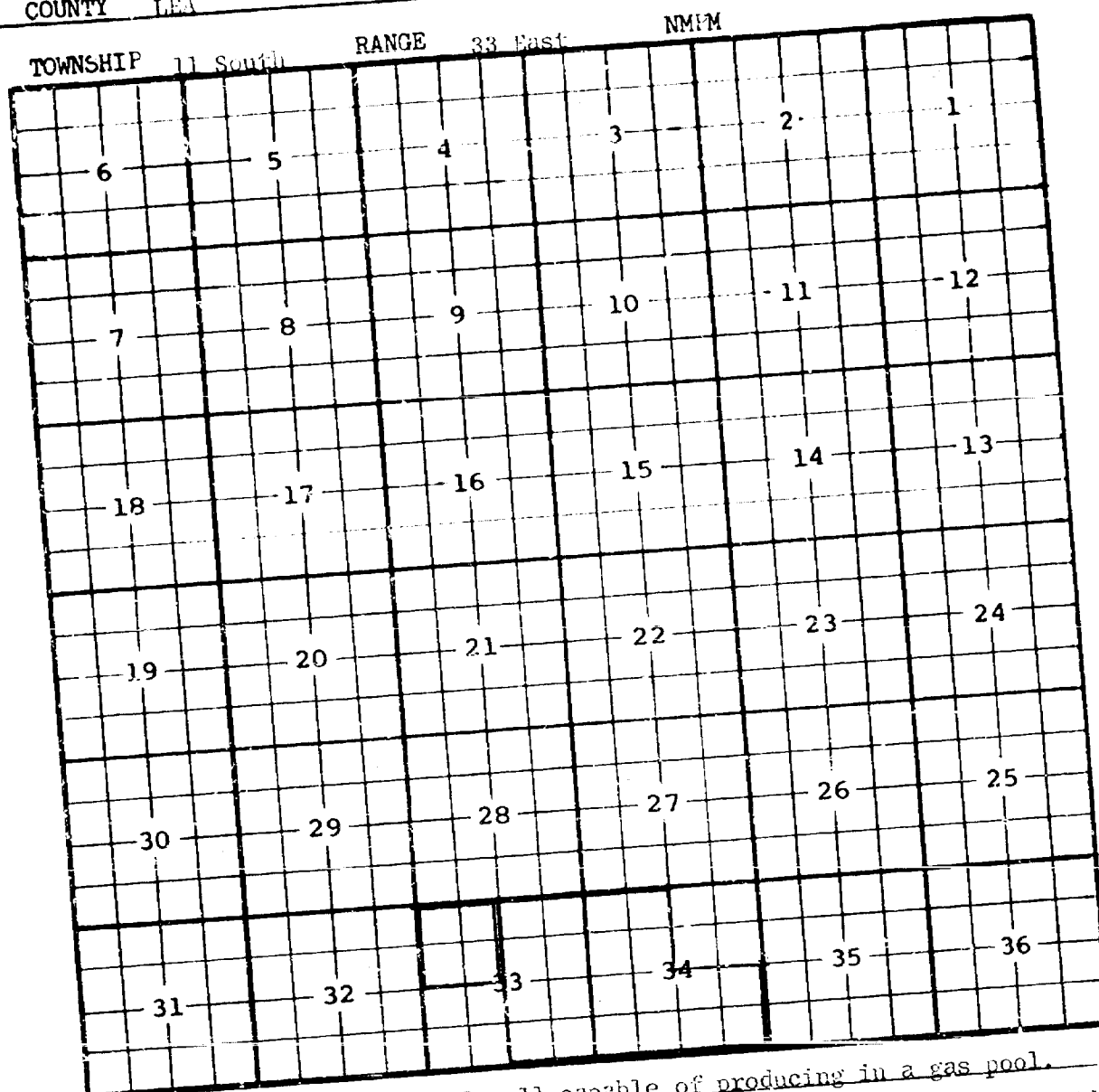
Pool boundary colored in red.

Proposed extensions colored in green. Sec. 15: SW/4 SW/4

Sec. 35: S/2 SE/4 &

SE/4 SW/4

CASE 3442: (9) EXTENSION OF AN EXISTING GAS POOL  
COUNTY LEA POOL BAGLEY-UPPER PENNSYLVANIAN GAS

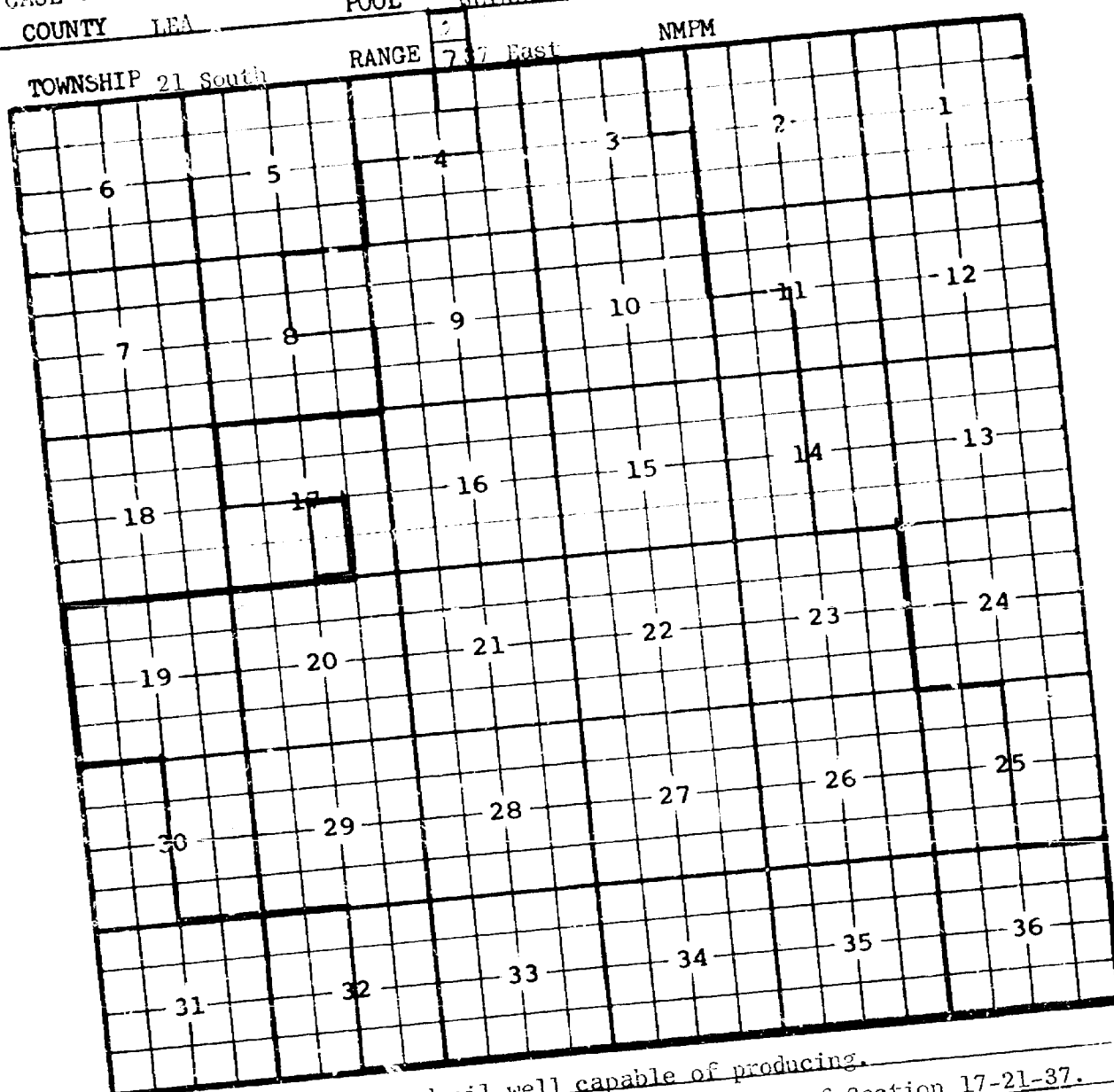


PURPOSE: One completed oil well capable of producing in a gas pool.  
AMERADA PETROLEUM CORPORATION - W. E. Mathers "B" #1 in Unit F of Section  
33-11-33. Completed in Pennsylvanian on May 9, 1957. Top of Perforations  
8641'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 33: NW/4

CASE 3442: (H) EXTENSION OF AN EXISTING OIL POOL  
COUNTY LEA POOL BLINEBRY

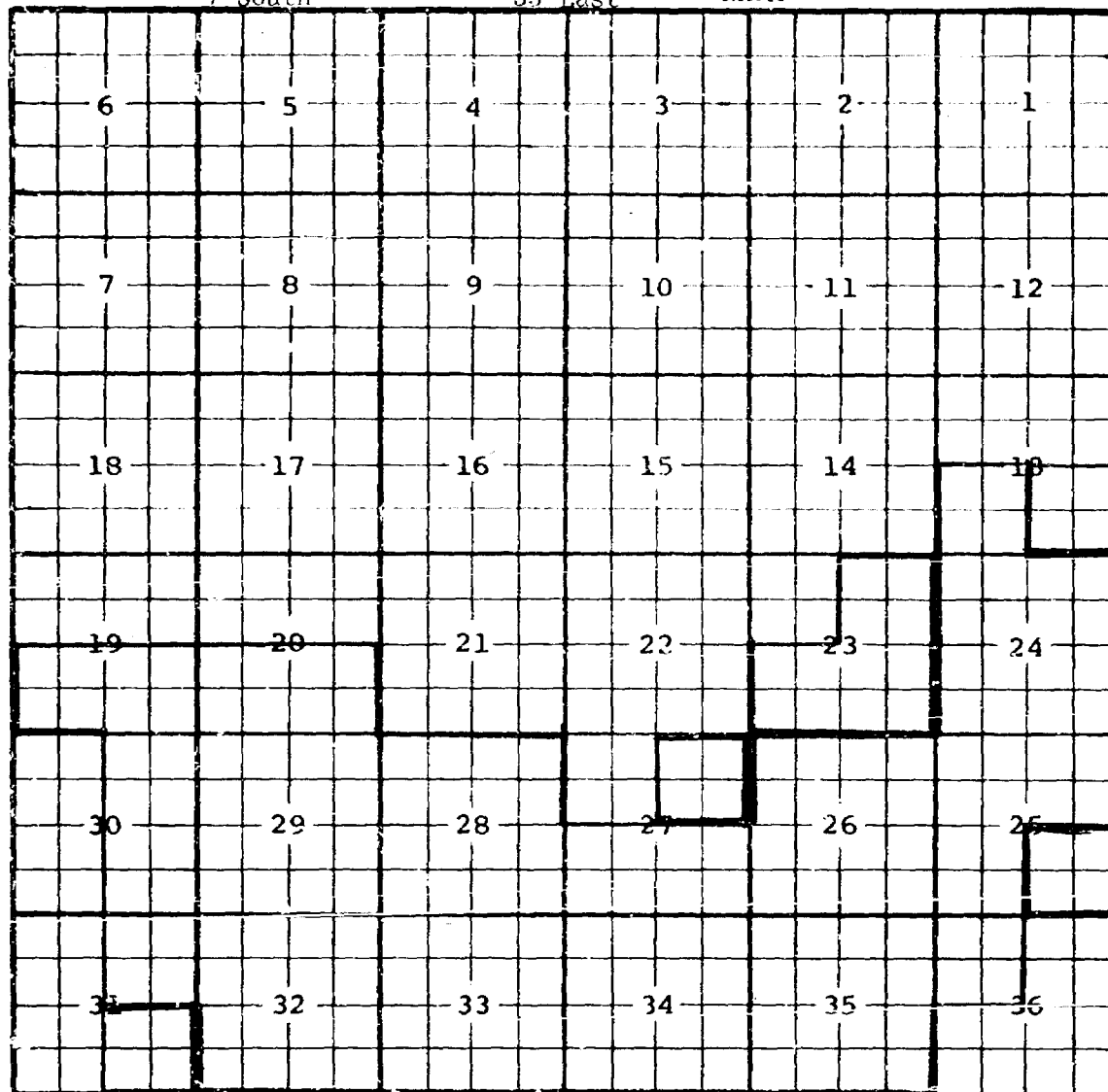


PURPOSE: One completed oil well capable of producing.  
TIDEWATER OIL COMPANY - Percy Hardy #2 in Unit 0 of Section 17-21-37.  
Completed in Blinebry on May 25, 1966. Top of Perforations 5845'.  
Pool boundary colored in red.  
Proposed pool extension colored in green. SECTION 17: W/2 SE/4

CASE 3442: (i) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY ROOSEVELT POOL CHAVERCO-SAN ANDRES

TOWNSHIP 7 South RANGE 33 East NMPM



PURPOSE: Thirteen completed oil wells capable of producing. (Wells listed on attached sheets)

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 13: SE/4

SECTION 31: SE/4

ADDITIONS---SECTION 23: E/2 and SE/4

SECTION 25: SE/4

SECTION 27: NE/4

COUNTY	ROOSEVELT	POOL	CHAVEZ-SAN ANDRES
TOWNSHIP	7 South	RANGE	33 East

MIDWEST OIL CORPORATION - Morgan Federal Tr. 4 #3 in Unit O of Section 13-7-33. Completed in San Andres on June 14, 1966. Top of Perforations 4025'.

MIDWEST OIL CORPORATION - Morgan Federal Tract 4 #4 in Unit P of Section 13-7-33. Completed in San Andres on July 4, 1966. Top of Perforations 4220'.

MIDWEST OIL CORPORATION - Morgan Federal Tr. 4 #5 in Unit I of Section 13-7-33. Completed in San Andres on July 30, 1966. Top of Perforations 4048'.

SHELL OIL COMPANY - CVB State #1 in Unit P of Section 31-7-33. Completed in San Andres on June 16, 1966. Top of Perforations 4246'.

ADDITION--KERN COUNTY LAND COMPANY - Federal 23 #1 in Unit M of Section 23-7-33. Completed in San Andres on July 22, 1966. Top of Perforations 4142'.

ADDITION--KERN COUNTY LAND COMPANY - Federal 23 #3 in Unit O of Section 23-7-33. Completed in San Andres on July 27, 1966. Top of Perforations 4117'.

ADDITION--KERN COUNTY LAND COMPANY - Federal 23 #4 in Unit P of Section 23-7-33. Completed in San Andres on July 18, 1966. Top of Perforations 4108'.

ADDITION--KERN COUNTY LAND COMPANY - Federal 23 #8 in Unit I of Section 23-7-33. Completed in San Andres on July 19, 1966. Top of Perforations 4105'.

ADDITION--KERN COUNTY LAND COMPANY - Federal 23 #9 in Unit H of Section 23-7-33. Completed in San Andres on August 5, 1966. Top of Perforations 4079'.

ADDITION--KERR-McGEE CORPORATION - State I #1 in Unit J of Section 25-7-33. Completed in San Andres on June 24, 1966. Top of Perforations 4203'.

ADDITION--PAN AMERICAN PETROLEUM CORPORATION - State DB #9 in Unit O of Section 25-7-33. Completed in San Andres on June 24, 1966. Top of Perforations 4223'.

ADDITION--PAN AMERICAN PETROLEUM CORPORATION - State DF #1 in Unit I of Section 25-7-33. Completed in San Andres on July 7, 1966. Top of Perforations 4224'.

ADDITION--KERN COUNTY LAND COMPANY - Federal 27 #1 in Unit H of Section 27-7-33. Completed in San Andres on July 13, 1966. Top of Perforations 4150'.

ADDITION--KERN COUNTY LAND COMPANY - Federal 27 #2 in Unit G of Section 27-7-33. Completed in San Andres on July 8, 1966. Top of Perforations 4149'.

ADDITION--KERN COUNTY LAND COMPANY - Federal 27 #3 in Unit A of Section 27-7-33. Completed in San Andres on July 4, 1966. Top of Perforations 4145'.

CASE 3442: (i) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY ROOSEVELT POOL CHAVERCO-SAN ANDRES

TOWNSHIP 7 South RANGE 34 East NMFM

6	5	4	3	2	1	
7	8	9	10	11	12	
18	17	16	15	14	13	
25	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	

PURPOSE: As stated on preceding page, paragraph (i), Exhibit I.

PAN AMERICAN PETROLEUM CORPORATION - Joyce Wolf Federal #1 in Unit G of Section 19-7-34. Completed in San Andres on June 24, 1966. Top of Perforations 4268'.

ADDITION--KERR-McGEE OIL CORPORATION - State G #1 in Unit K of Section 19-7-34. Completed in San Andres on May 31, 1966. Top of Perforations 4119'.

ADDITION--KERR-McGEE OIL CORPORATION - State G #2 in Unit N of Section 19-7-34. Completed in San Andres on June 8, 1966. Top of Perforations 4156'.

ADDITION--KERR-McGEE CORPORATION - State G #3 in Unit J of Section 19-7-34. Completed in San Andres on July 22, 1966. Top of Perforations 4110'.

ADDITION--KERR-McGEE CORPORATION - State G #4 in Unit O of Section 19-7-34. Completed in San Andres on July 8, 1966. Top of Perforations 4138'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 19: NE/4

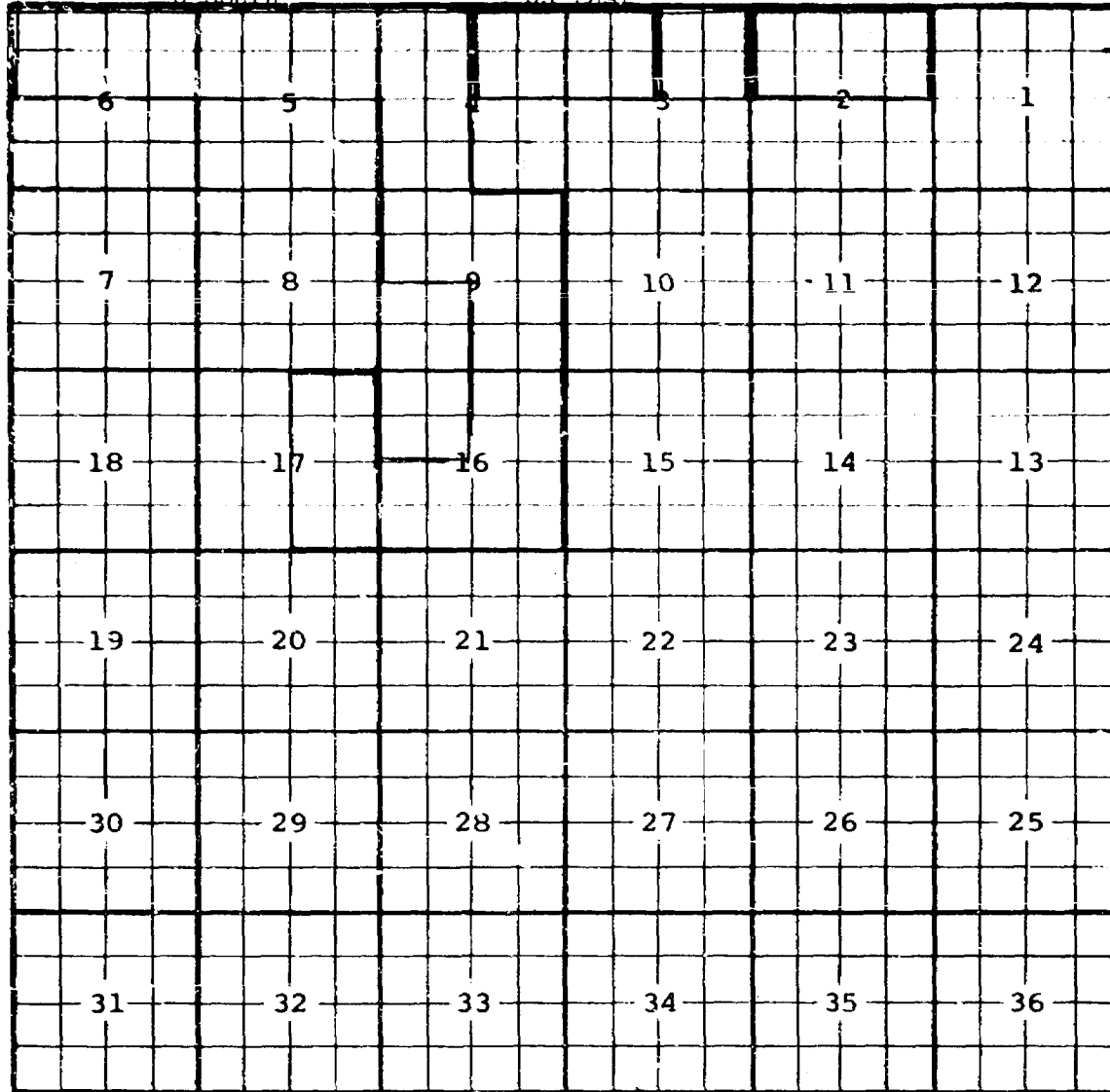
ADDITIONS--SECTION 19: S/2



CASE 3442: (1) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY CHAVES POOL CHAVERO-SAN ANDRES

TOWNSHIP 8 South RANGE 33 East NMFM



PURPOSE: As stated on preceding page, paragraph (i), Exhibit I.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 2: N/2

SECTION 3: NW/4

SECTION 4: NE/4

COUNTY CHAVES POOL CHAVERCO SAN ANDRES  
TOWNSHIP 8 South RANGE 33 East

KERR-McGEE CORPORATION - State F #1 in Unit D of Section 2-8-33. Completed in San Andres on June 3, 1966. Top of Perforations 4211'.

KERR-McGEE CORPORATION - State F #2 in Unit C of Section 2-8-33. Completed in San Andres on June 14, 1966. Top of Perforations 4199'.

KERR-McGEE CORPORATION - State F #3 in Unit E of Section 2-8-33. Completed in San Andres on July 1, 1966. Top of Perforations 4203'.

KERR-McGEE CORPORATION - State F #4 in Unit F of Section 2-8-33. Completed in San Andres on July 12, 1966. Top of Perforations 4200'.

SOUTHERN MINERALS CORPORATION - State C #1 in Unit B of Section 2-8-33. Completed in San Andres on June 18, 1966. Top of Perforations 4204'.

SOUTHERN MINERALS CORPORATION - State C #2 in Unit A of Section 2-8-33. Completed in San Andres on June 28, 1966. Top of Perforations 4221'.

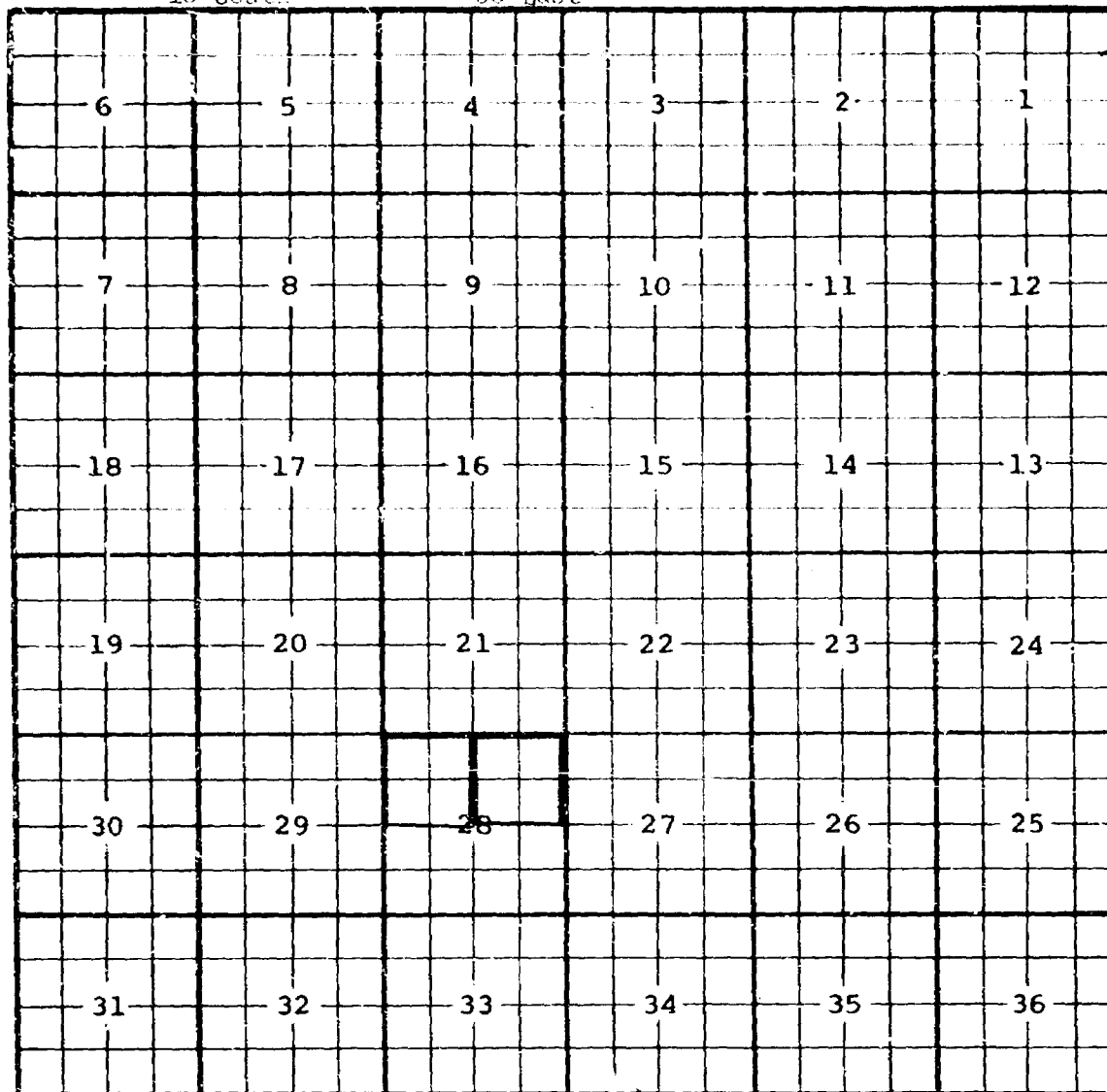
SOUTHERN MINERALS CORPORATION - State C #3 in Unit H of Section 2-8-33. Completed in San Andres on July 16, 1966. Top of Perforations 4236'.

ATLANTIC RICHFIELD COMPANY - State "BF" #3 in Unit C of Section 3-8-33. Completed in San Andres on May 28, 1966. Top of Perforations 4239'.

CASE 3442: (5) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL SOUTH CORBIN-LEA CROWN GAS

TOWNSHIP 18 South RANGE 33 East NMFM



PURPOSE: To include all dedicated acreage within the pool limits.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 28: NE/4

CASE 3442: (K) EXTENSION OF AN EXISTING OIL POOL  
COUNTY EDDY POOL HENSHAW (Q-G-SA)

TOWNSHIP 16S						RANGE 31E						NMPM					
6			5			4			3			2			1		
7			8			9			10			11			12		
18			17			16			15			14			13		
19			20			21			22			23			24		
30			29			28			27			26			25		
31			32			33			34			35			36		

Purpose: One Completed oil well capable of producing.

J.M. Welch, Federal No. 2 in Unit L of Section 18-16-31.  
Completed in San Andres April 21, 1966, through perforations  
3250 to 3276.

Pool boundary colored in red.

Proposed extension colored in green. Section 18: NW/4 SW/4

CASE 3442: (1) EXTENSION OF AN EXISTING GAS POOL.

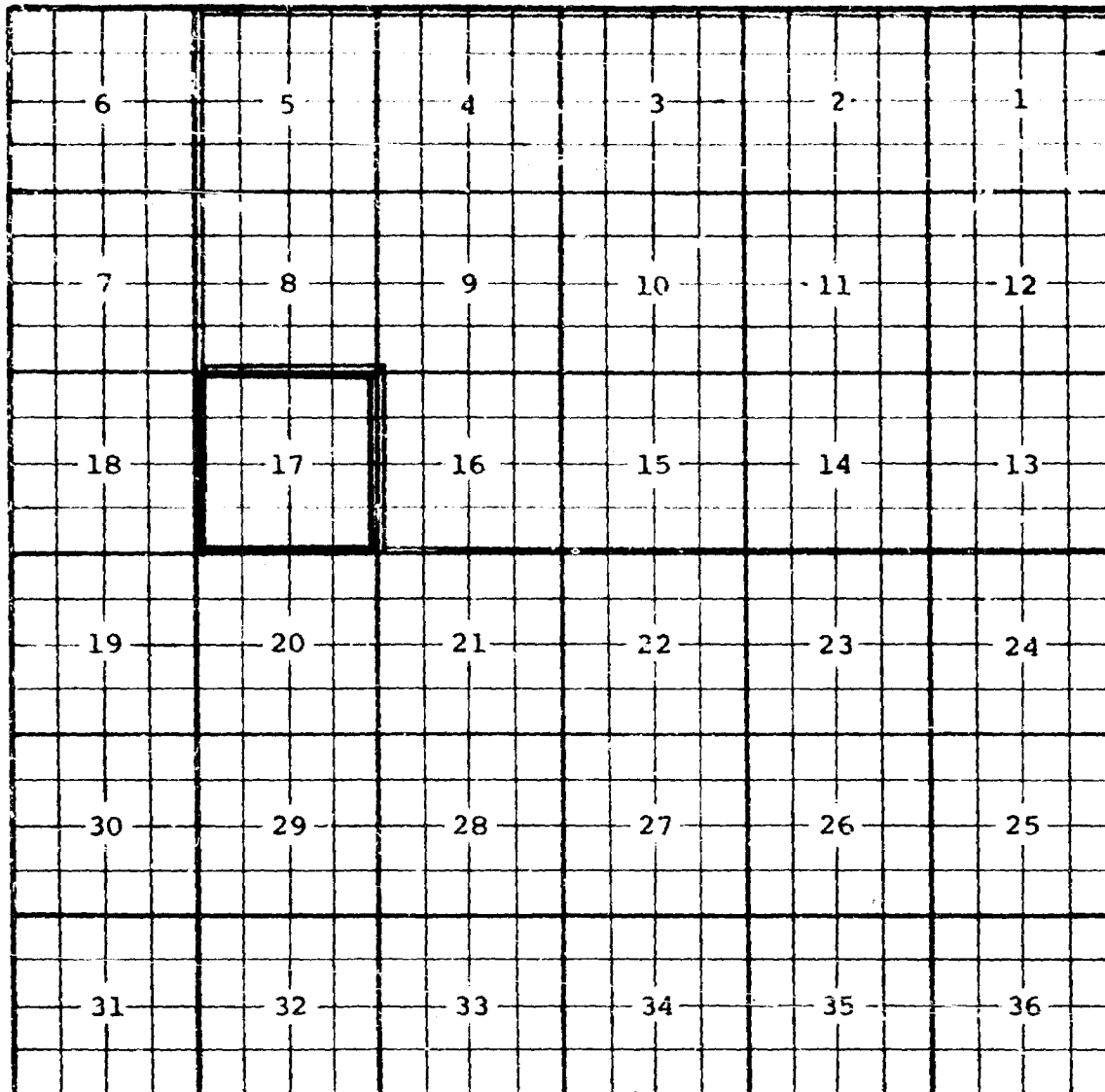
COUNTY EDDY

POOL INDIAN BASIN-UPPER PENNSYLVANIAN GAS

TOWNSHIP 22S

RANGE 23E

NMFM



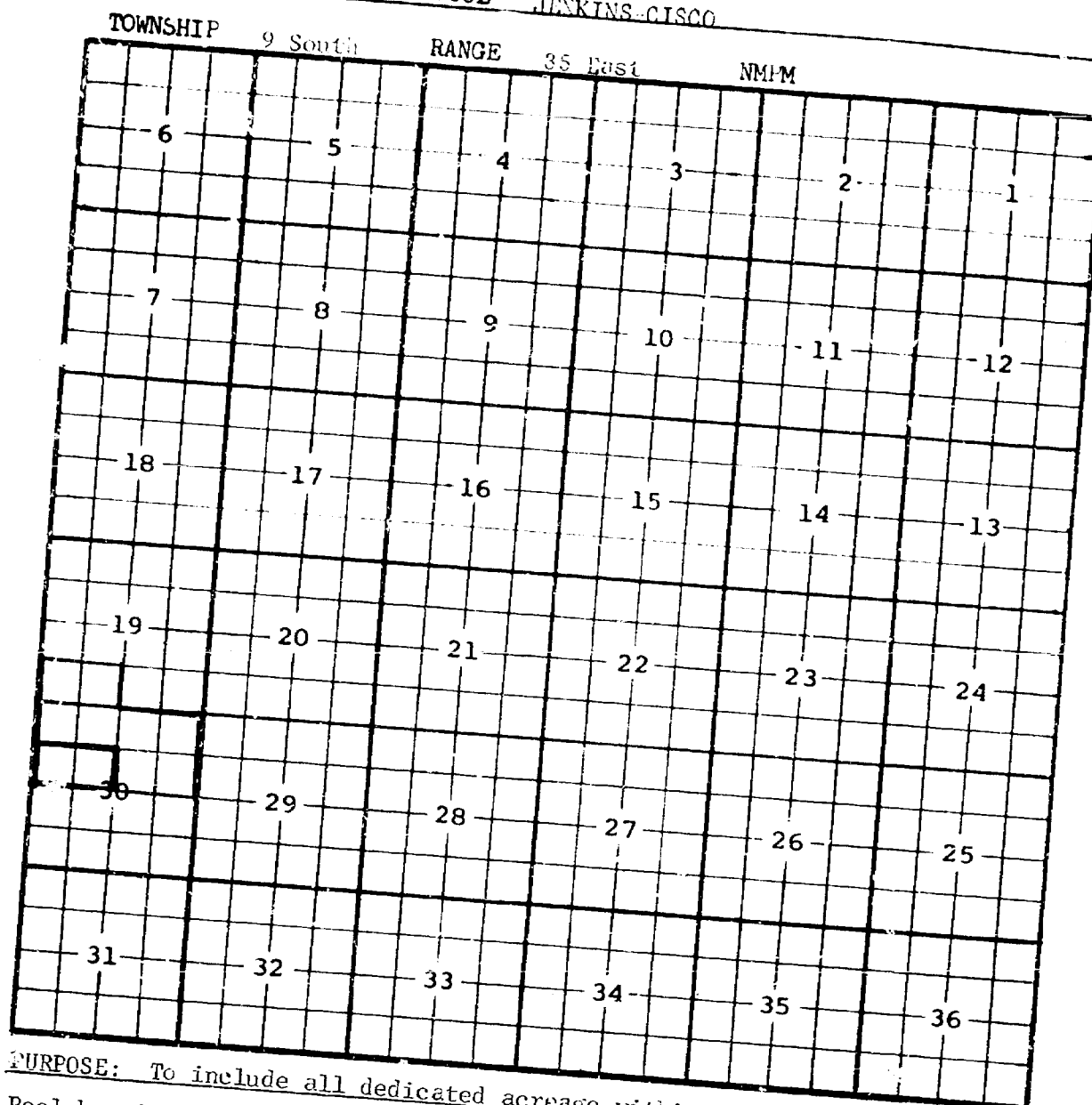
Purpose: One completed gas well capable of producing.

Standard Oil Co. of Texas, Bogle Flats Unit No. 9 in Unit  
G of Section 17-22-23. Completed in Upper Pennsylvanian  
April 26, 1966, through perforations 7071 to 7196.

Pool boundary colored in red.

Proposed extension colored in green. Section 17: All

CASE 3142: (u) EXTENSION OF AN EXISTING OIL POOL  
COUNTY LEM POOL JENKINS-CISCO



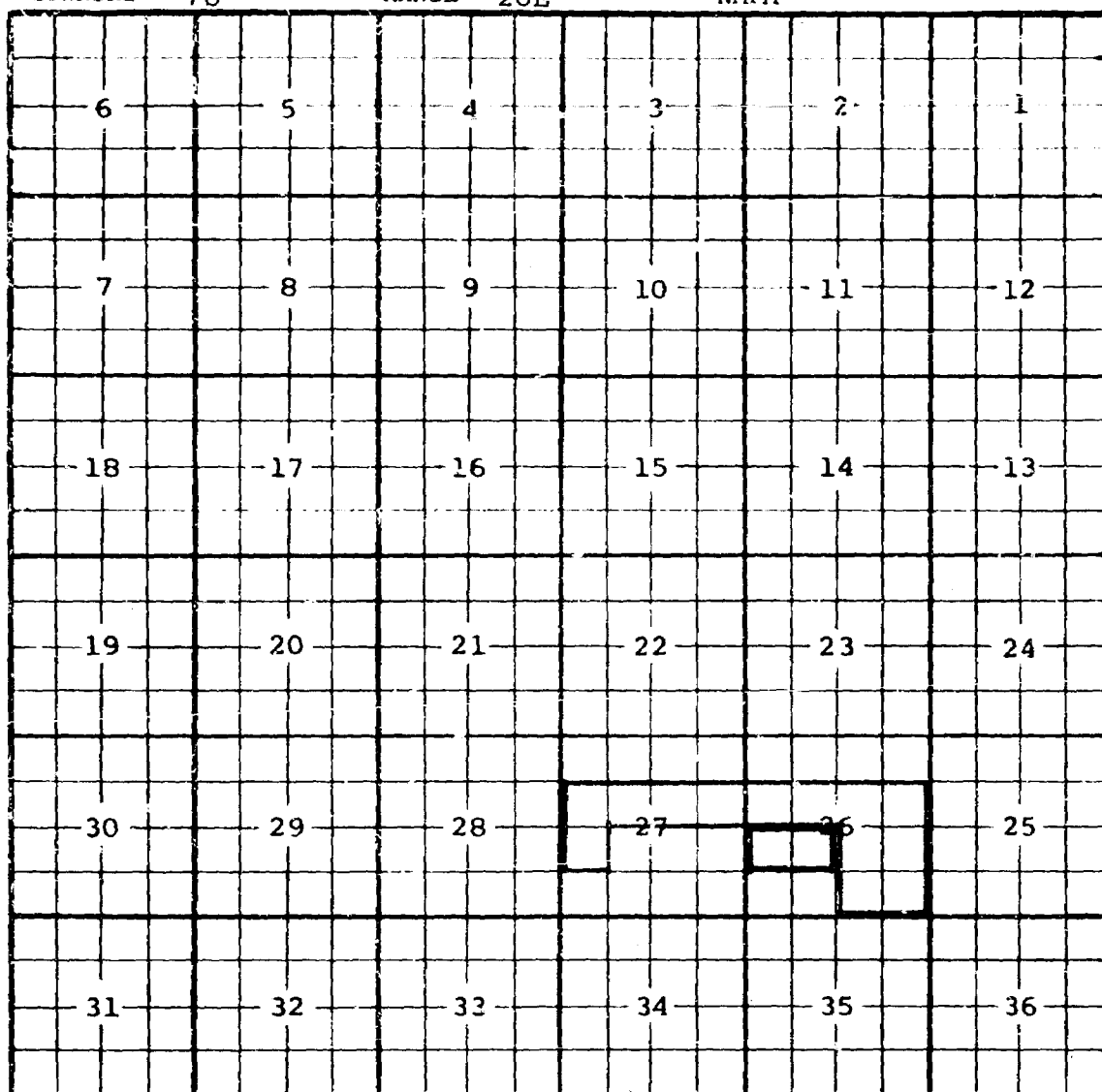
PURPOSE: To include all dedicated acreage within the pool limits.  
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 30: S/2 NW/4

CASE 3442: (u) EXTENSION OF AN EXISTING OIL POOL

COUNTY CHAVES POOL LESLIE SPRING-SAN ANDRES

TOWNSHIP 7S RANGE 26E NMFM



Purpose: One completed oil well capable of producing.

Dr. Sam G. Dunn, Dale Federal No. 3 in Unit K of Section 26-7-26. Completed in San Andres September 7, 1964, through perforations 1446 to 1468.

Pool boundary colored in red.

Proposed extension colored in green. Section 26: N/2 SW/4

CASE 3442: (o) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL LOVINGTON-PADDOCK

TOWNSHIP 16 South RANGE 37 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed oil well capable of producing.

TOM BROWN DRILLING COMPANY, INC. - Shipp #1 in Unit P of Section 29-16-37.

Completed in Paddock on May 17, 1966. Top of Perforations 6222'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 29: SE/4



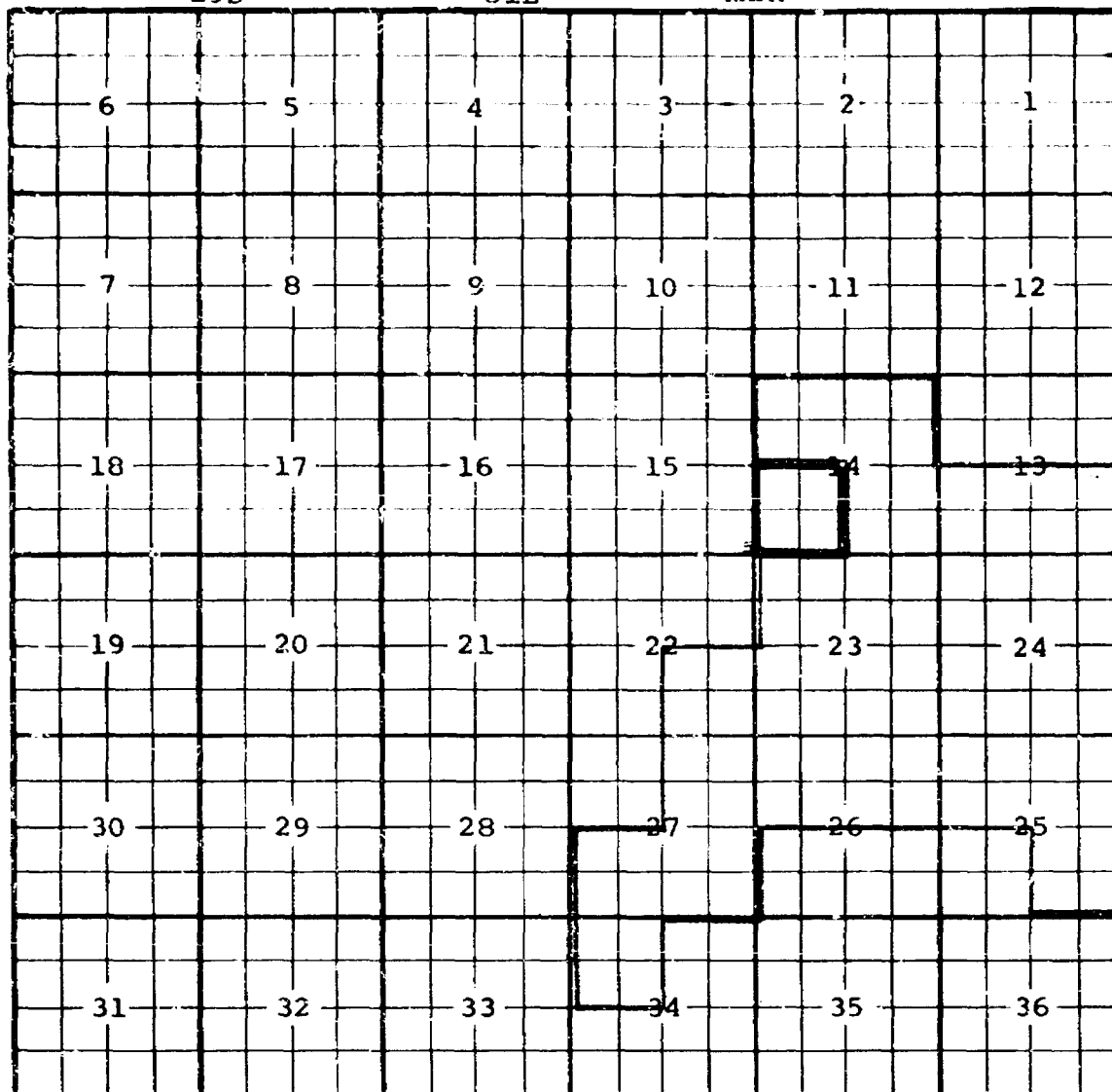
CASE 3442: (p) EXTENSION OF AN EXISTING OIL POOL

COUNTY EDDY POOL LUSK-STRAWN

TOWNSHIP 19S

RANGE 31E

NMPM



Purpose: One completed oil well capable of producing.

Southwestern Natural Gas Inc., Dozier Federal Com No. 1  
in Unit K of Section 14-19-31. Completed in Strawn June  
12, 1966, through perforations 11194 to 11306.

Pool boundary colored in red.

Proposed extension colored in green. Section 14: SW/4

CASE 3442: (q) EXTENSION OF AN EXISTING OIL POOL

COUNTY

LEA

POOL

MONUMENT-TUBB

TOWNSHIP

19 South

RANGE

37 East

NMIM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed oil well capable of producing.

SINCLAIR OIL & GAS COMPANY - Lea 373 "A" #1 in Unit I of Section 34-19-37.

Completed in Tubb on March 18, 1966. Top of Perforations 6595'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 34: S/2

CASE 3442: (r) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA

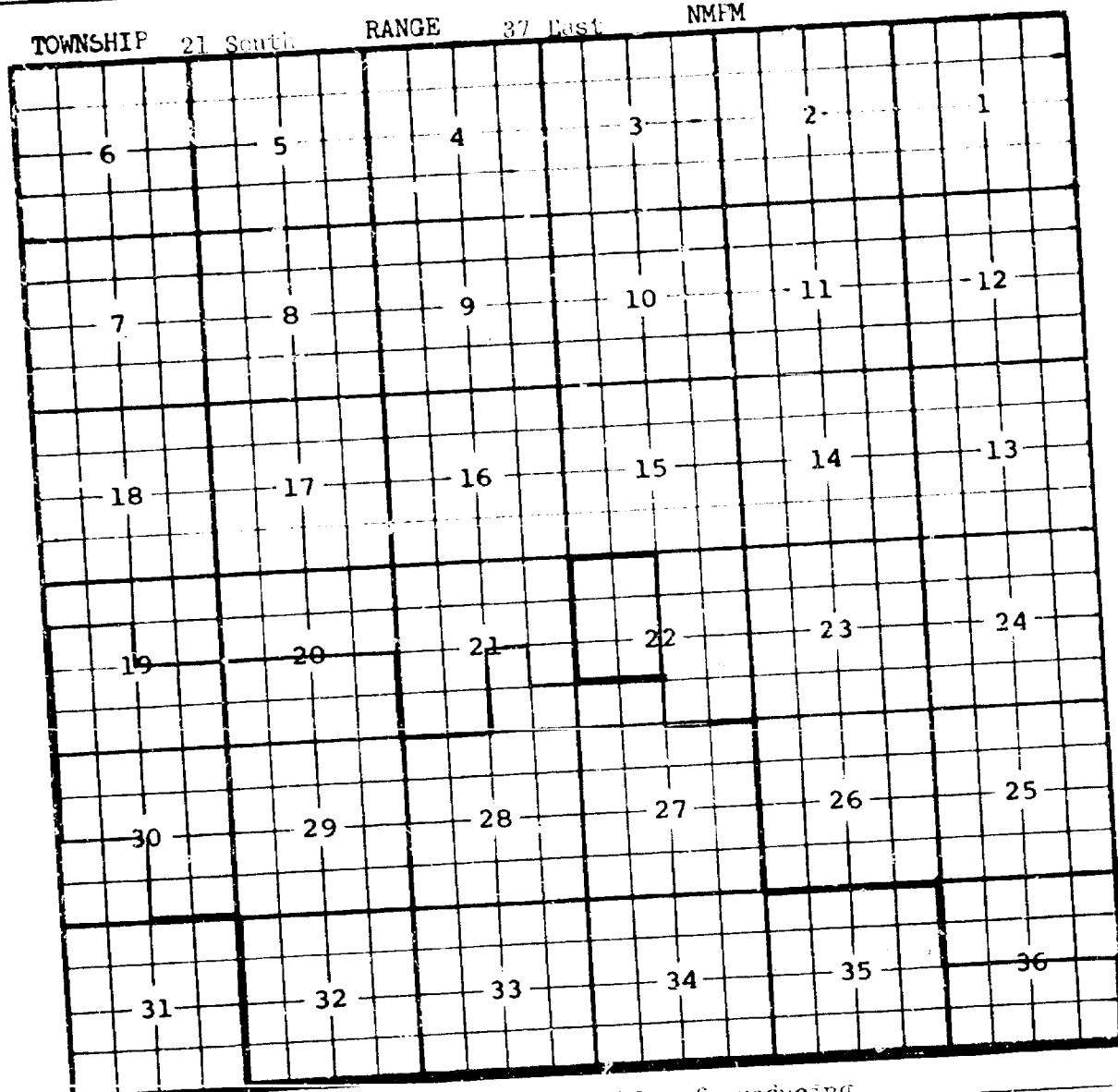
POOL PADDOCK

TOWNSHIP 21 South

RANGE

37 East

NMFM



PURPOSE: One completed oil well capable of producing.

SHELL OIL COMPANY - Argo A #11 in Unit F of Section 22-21-37. Completed in Paddock on June 25, 1966. Top of Perforations 5280'.

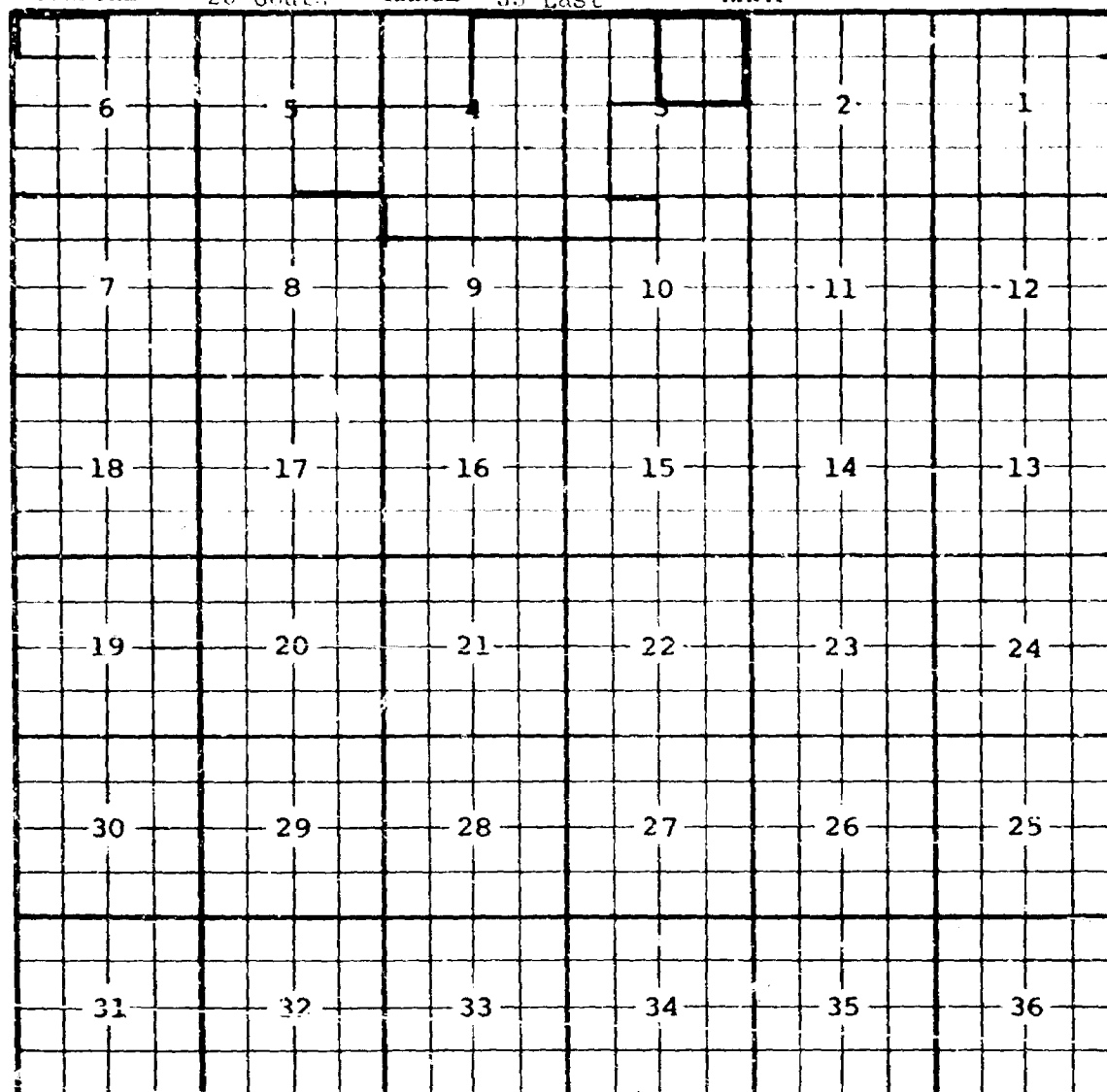
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 22: NW/4 and N/2 SW/4

CASE 3442: (s) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL PEARL-QUEEN

TOWNSHIP 20 South RANGE 35 East NMPM



PURPOSE: One completed oil well capable of producing.

TRAINER CORPORATION - Linam #2 in Unit B of Section 3-20-35. Completed in Queen on June 3, 1966. Top of Perforations 4751'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 3: NE/4

CASE 3442: (t) EXTENSION OF AN EXISTING OIL POOL  
COUNTY EDDY POOL PENASCO-SAN ANDRES

TOWNSHIP 18S			RANGE 25E			NMPM		
6	5	4	3	2	1			
7	8	9	10	11	12			
18	17	16	15	14	13			
19	20	21	22	23	24			
30	29	28	27	26	25			
31	32	33	34	35	36			

Purpose: One completed oil well capable of producing.

Yates Pet. Corp., Yates "AS" Fee No. 1 in Unit K of Section  
25-18-25. Completed in San Andres April 2, 1966, in open  
hole from 1171 to 1450.

Pool boundary colored in red.

Proposed extension colored in green. Section 25: N/2 SW/4

CASE 3442: (u) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL VICINITY UPPER PENNSYLVANIAN

TOWNSHIP 17 South RANGE 34 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed oil well capable of producing.

MOBIL OIL CORPORATION - Bridges State #109 in Unit N of Section 24 17 34.  
Completed in Upper Pennsylvanian on May 8, 1966. Top of Perforations  
10,117'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 24: SW/4

CASE 3412: (v) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA

POOL VACUUM-WOLF CAMP

TOWNSHIP 17 South

RANGE 34 East

NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed oil well capable of producing.

MOBIL OIL CORPORATION - State Bridges #109 in Unit N of Section 24-17-34.

Completed in Wolfcamp on April 19, 1966. Top of Perforations 10,029'.

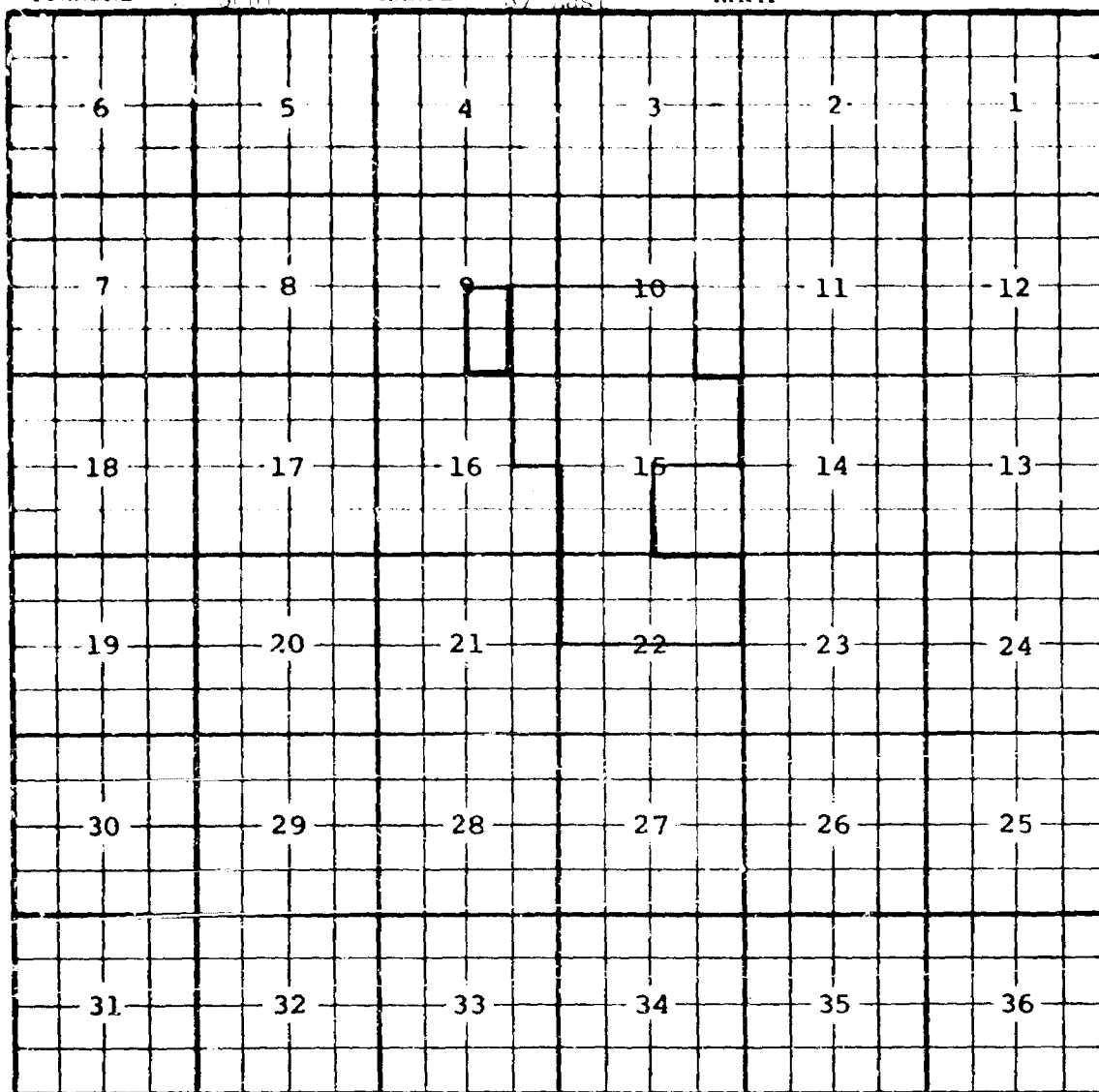
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 24: SW/4

DATE: (v) EXTENSION OF AN EXISTING OIL POOL

COUNTY LE POOL BLINEBY

TOWNSHIP 20 S. RANGE 37 E. NMPM



PURPOSE: One completed oil well capable of producing.

SKELLY OIL COMPANY - L. Van Etten #12 in Unit C of Section 9-20-37. Completed in Blineby on June 1, 1966. Top of Perforations 5612'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 9. W/2 SE/4