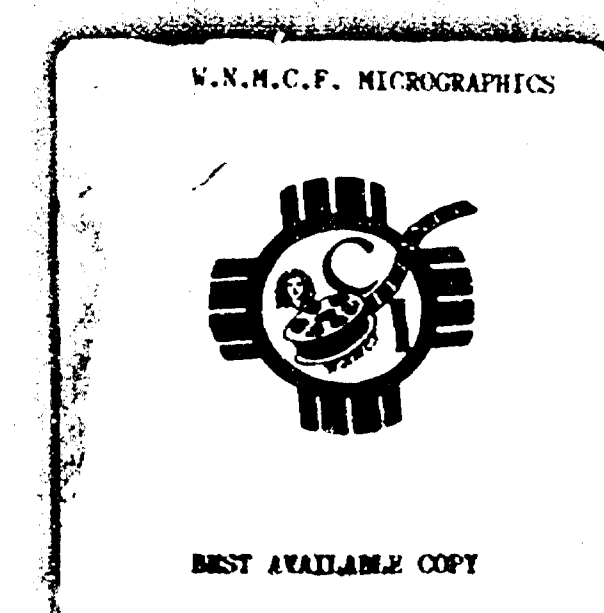


Case Number
3528

Large
Exhibits



CASE 3528: Southeastern New Mexico nomenclature case calling for an order for the creation of one pool and the assignment of an oil discovery allowable therein, and the creation, extension and abolishment of certain other pools in Lea, Eddy, and Chaves Counties, New Mexico:

(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Abo production and designated the Emerald-Abo Pool, comprising the following-described acreage:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
Section 15: SW/4

Further, for the assignment of approximately 47,220 barrels of oil discovery allowable to the discovery well, Elk Oil Company's Aztec State Well No. 1, located in Unit M of said Section 15.

(b) Create a new pool in Eddy County classified as a gas pool for Atoka production and designated as the Dagger Draw-Atoka Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 24 EAST, NMPM
Section 3: W/2

(c) Create a new pool in Eddy County classified as a gas pool for Canyon production and designated as the Hackberry Hills-Canyon Gas Pool, and described as:

TOWNSHIP 22 SOUTH, RANGE 25 EAST, NMPM
Section 1: S/2

(d) Create a new pool in Eddy County classified as a gas pool for Canyon production and designated as the East Hackberry Hills-Canyon Gas Pool, and described as:

TOWNSHIP 22 SOUTH, RANGE 26 EAST, NMPM
Section 22: N/2

(e) Create a new pool in Lea County classified as an oil pool for Wolfcamp production and designated as the South Lusk-Wolfcamp Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
Section 28: SE/4

(f) Create a new pool in Lea County classified as a gas pool for Devonian production and designated as the Paduca-Devonian Gas Pool, and described as:

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM
Section 18: NW/4

(g) Create a new pool in Chaves County classified as an oil pool for San Andres production and designated as the West Tobac-San Andres Pool, and described as:

TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM
Section 26: SE/4

(h) Extend the Artesia Pool in Eddy County to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 9: SE/4 NW/4 and NE/4 SW/4

(i) Extend the Atoka-Pennsylvanian Gas Pool in Eddy County to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 15: N/2

(j) Extend the North Bagley-Upper Pennsylvanian Pool in Lea County to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
Section 3: S/2 SE/4
Section 9: NW/4

(k) Extend the Big Eddy-Strawn Pool in Eddy County to include therein:

TOWNSHIP 20 SOUTH, RANGE 31 EAST, NMPM
Section 19: SW/4

(l) Extend the Cato-San Andres Pool in Chaves County to include therein:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
Section 14: NE/4
Section 16: N/2
Section 17: NE/4

(m) Extend the Grama Ridge-Morrow Gas Pool in Lea County to include therein:

TOWNSHIP 21 SOUTH, RANGE 14 EAST, NMPM
Section 33: All

(n) Extend the Justis-Blinberry Pool in Lea County to include therein:

TOWNSHIP 24 SOUTH, RANGE 17 EAST, NMPM
Section 26: NE/4

(o) Extend the Middle Lane-Permian Pennsylvanian Pool in Lea County to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
Section 14: SE/4
ADDITION-----SECTION 15: SE/4

(p) Extend the Lazy J-Pennsylvanian Pool in Lea County to include therein:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM
Section 3: SE/4

(q) Extend the Malaga-Delaware Pool in Eddy County to include therein:

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM
Section 13: E/2 SW/4
Section 24: NW/4

(r) Extend the Osado-Morrow Gas Pool in Lea County to include therein:

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM
Section 6: Lots 1, 2, 7, 8, 9, 10, 15, and 16

(s) Extend the Scanlon-Delaware Pool in Eddy County to include therein:

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM
Section 30: NE/4 SE/4

(t) Abolish the West Mesa-Upper Queen Gas Pool comprising the following described acreage in Eddy County, New Mexico:

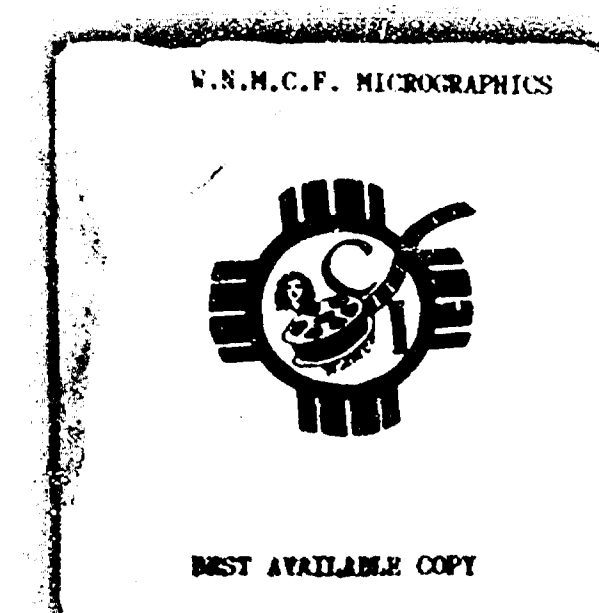
TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
Section 12: NW/4 & S/2
Section 13: N/2 & SW/4
Section 14: NE/4

(u) Extend the Mesa Queen Pool in Lea County, New Mexico, to include all of the Queen formation in the following area:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM
Section 18: NW/4 & S/2

and to include the Upper Queen gas pay only in the following described area in Eddy County:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
Section 12: All
Section 13: All
Section 14: NE/4



Section 28: SE/4
(f) Create a new pool in Lea County classified as a gas pool for Devonian production and designated as the Paduca-Devonian Gas Pool, and described as:
TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM
Section 18: NW/4

(g) Create a new pool in Chaves County classified as an oil pool for San Andres production and designated as the West Tobago-San Andres Pool, and described as:
ALLOWABLE:
(1) Consideration of the oil allowable for March, 1967;
(2) Consideration of the allowable production of gas for March, 1967, 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 March, 1967.

CASE 3527: Application of El Paso Natural Gas Company for authority to drill and to directionally drill several wells at unspecified unorthodox locations and to produce therefrom and vent natural gas in conjunction with "Project Gasbuggy," Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill and to directionally drill several wells at as yet unspecified unorthodox locations in the SW/4 of Section 36, Township 29 North, Range 4 West, Chosa Mesa-Pictured Cliffs Gas Pool, Rio Arriba County, New Mexico, said wells to be used as required for testing and for the instrumentation and detonation of a nuclear explosive in conjunction with "Project Gasbuggy," which is to be conducted in cooperation with the United States Atomic Energy Commission, the United States Bureau of Mines, and Lawrence Radiation Laboratory of the University of California, to determine the feasibility of increasing the recovery of natural gas from low permeability reservoirs. Applicant also seeks authority to produce and vent natural gas both before the detonation and afterward, as required, to properly evaluate the test. Applicant further seeks the establishment of an administrative procedure for approval of the location of such wells as may be required at unorthodox locations.

CASE 3528: Southeastern New Mexico nomenclature case calling for an order for the creation of one pool and the assignment of an oil discovery allowable therein, and the creation, extension and abolishment of certain other pools in Lea, Eddy, and Chaves Counties, New Mexico:

(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Abo production and designated the Emerald-Abo Pool, comprising the following-described acreage:

(n) Extend the Justis-Blaineby Pool in Lea County to include therein:
TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
Section 26: NE/4

(o) Extend the Middle Lane-Permo Pennsylvanian Pool in Lea County to include therein:
TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
Section 14: SE/4

(p) Extend the Lazy J-Pennsylvanian Pool in Lea County to include therein:
TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM
Section 3: SE/4

(q) Extend the Malaga-Delaware Pool in Eddy County to include therein:
TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM
Section 13: E/2 SW/4
Section 24: NW/4

(r) Extend the Osado-Morrow Gas Pool in Lea County to include therein:
TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM
Section 6: Lots 1, 2, 7, 8, 9, 10, 15, and 16

(s) Extend the Scanlon-Delaware Pool in Eddy County to include therein:
TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM
Section 30: NE/4 SE/4

(t) Abolish the West Mesa-Upper Queen Gas Pool comprising the following described acreage in Eddy County, New Mexico:
TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
Section 12: NW/4 & S/2
Section 13: N/2 & SW/4
Section 14: NE/4

(u) Extend the Mesa Queen Pool in Lea County, New Mexico, to include all of the Queen formation in the following area:
TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM
Section 20: SE/4

(h) Extend the Artesia Pool in Eddy County to include therein:
TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 9: SE/4 NW/4 and NE/4 SW/4

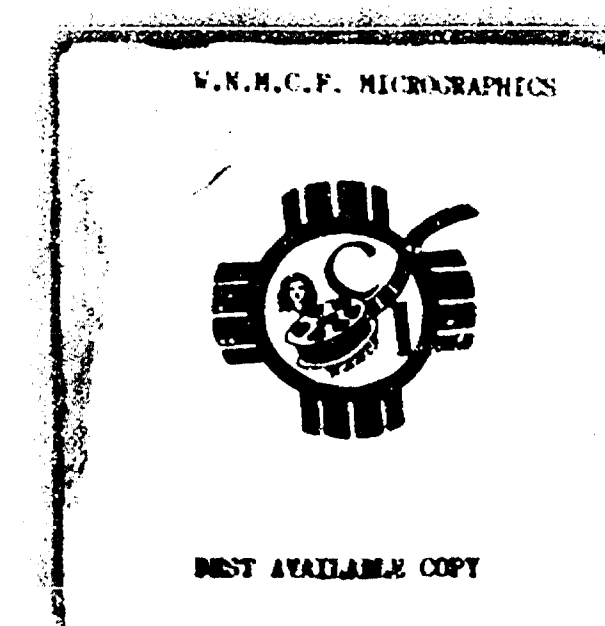
(i) Extend the Atoka-Pennsylvanian Gas Pool in Eddy County to include therein:
TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 15: N/2

(j) Extend the North Bayley-Upper Pennsylvanian Pool in Lea County to include therein:
TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
Section 3: S/2 SE/4
Section 9: NW/4

(k) Extend the Big Eddy-Strawn Pool in Eddy County to include therein:
TOWNSHIP 20 SOUTH, RANGE 31 EAST, NMPM
Section 19: SW/4

(l) Extend the Cato-San Andres Pool in Chaves County to include therein:
TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM
Section 14: NW/4
Section 16: N/2
Section 17: NE/4

(m) Extend the Grana Ridge-Morrow Gas Pool in Lea County to include therein:
TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
Section 33: All



HANAGAN PETR.
SUPERIOR A¹
2-18-35
ELEV. 3925'

AZTEC OIL
STATE VA¹
20-17-36
ELEV. 3887'

ELK OIL
AZTEC ST. ¹
15-17-36
ELEV. 3861'

SUNRAY DX
STATE EE¹
13-17-36
ELEV. 3823'

CONSOL. OIL GAS
SHIPP A¹ 3
NW/4 NW/4 17-17-37
ELEV. 3786'

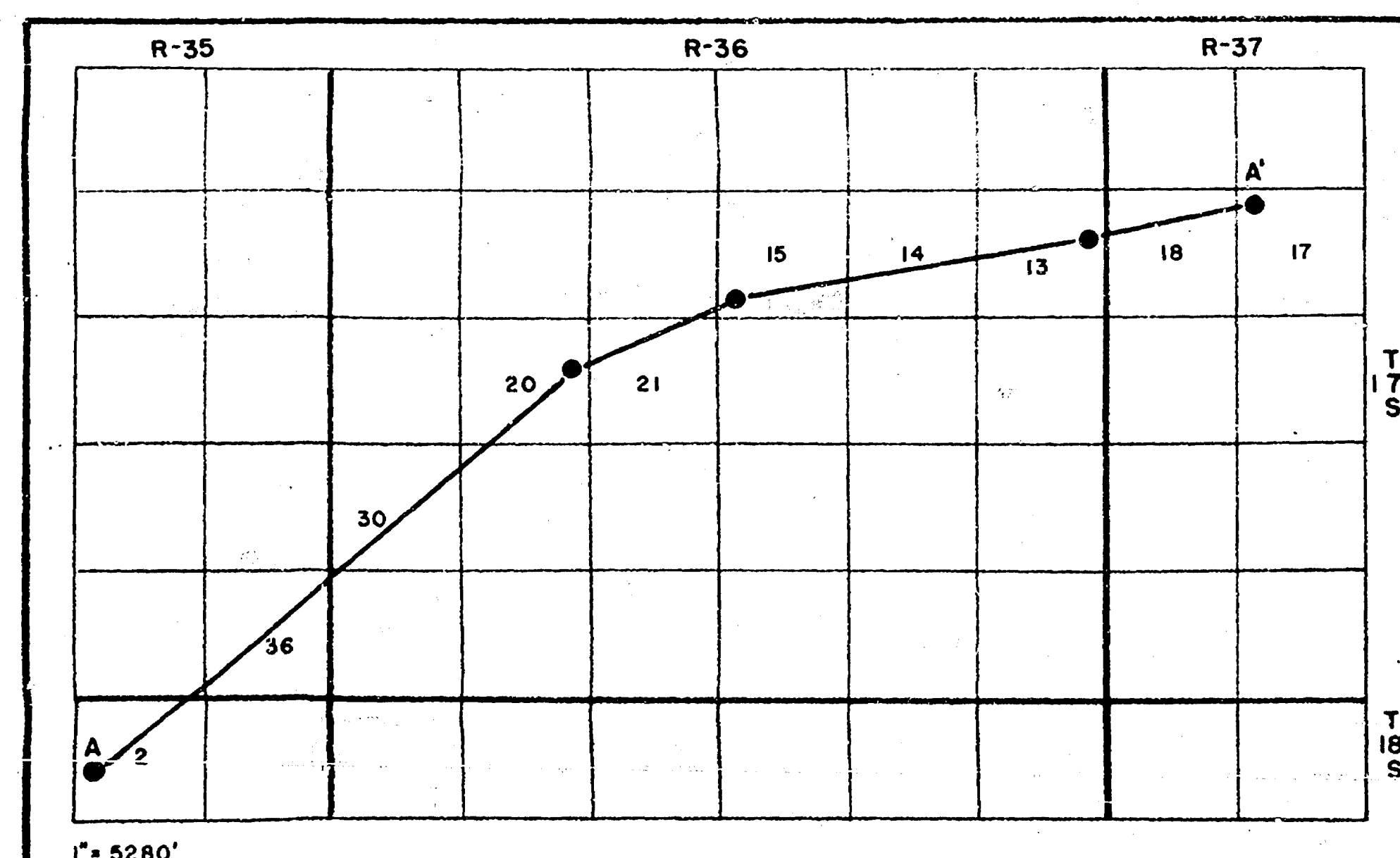
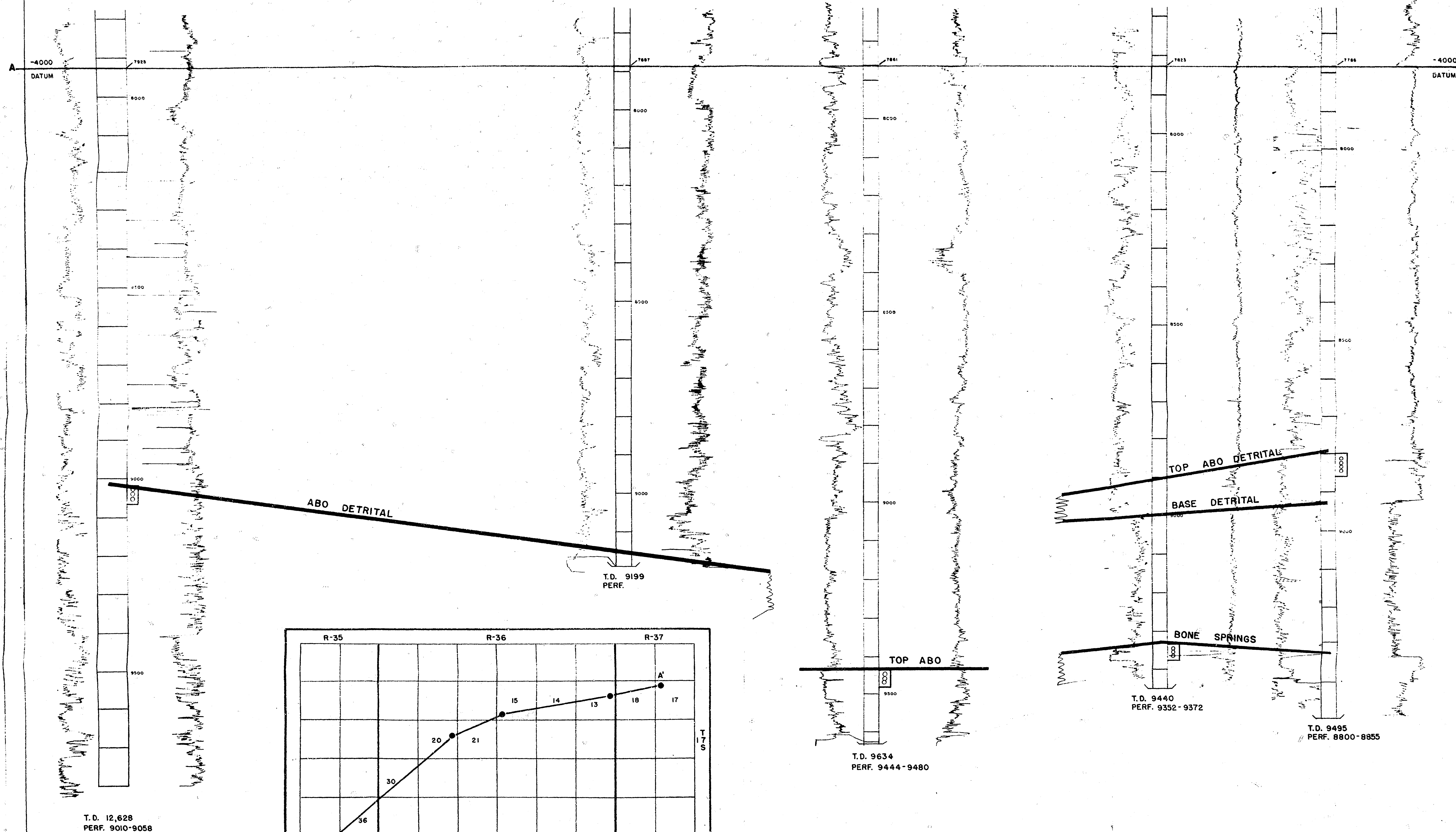


EXHIBIT C
ELK OIL COMPANY
DISCOVERY ALLOWABLE APPLICATION
AZTEC STATE NO. 1

