CASE 7411: VIKING PETROLEUM, INC. FOR AN UNORTHUDOX GAS WELL LOCATION, CHAVES COUNTY, NEW MEXICO

DOCKET WYLED

a large and the later of the later when

### ROTIFICATE

I, SALLY W. BOID, C.S.R., DO HERLBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Souly W. Boyd CSE

I do hereby certify that the foregoing is 7411. Oil Conservation Division

SALLY W. BOYD, C.S.R.

17 18

5

Ü

7

8.

9

10

11

12

13

14

15

16

19

20

21

22

23

24

26



# STATE OF NEW MEXICO FNERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

FIST OFFICE 90X 2088 CT. 1E LAND OFFICE BUILDING E HTA FE, NEW MEXICO 87501 IE 0% 827-2434

December 1, 1981

Re:	CASE NO. 7411	
Nancy Stolzle	ORDER NO. R-6844	
Senior Landman Jack Grynberg & Associates Agent for Viking Petroleum, Inc. 1050 17th Street Suite 1950 Denver, Colorado 80265	Applicant: Viking Petroleum	, Inc.
Dear Sir:		1.54 1.64 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1.55 (1
Enclosed herewith are two copies nivision order recently entered i		

Tours very truly,

JOE D. RAMEY

Director

JDR/fd			
Copy of order also	sent to:		
Hobbs OCD X Artesia OCD X			
Aztec OCD		And the pass of the second	
Other			•

## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 7411 Order No. R-6844

APPLICATION OF VIKING PETROLEUM, INC., FOR AN UNORTHODOX GAS WELL LOCATION, CHAVES COUNTY, NEW MEXICO.

## ORDER OF THE DIVISION

## BY THE DIVISION:

This cause came on for hearing at 9 a.m. on November 19, 1981, at Santa Fe, New Mexico, before Examiner Richard I. Stamets.

NOW, on this <u>lst</u> day of December, 1981, the Division Director, having considered the record and the recommendations of the Examiner, and being fully advised in the premises,

#### FINDS:

That the applicant's request for dismissal should be granted.

## IT IS THEREFORE ORDERED:

That Case No. 7411 is hereby dismissed.

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

> STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY

Director

Dockets Nos. 38-81 and 39-81 are tentatively set for December 2, and December 15, 1961. Application for hearing must be filed at least 22 days in advance of hearing date.

#### DOCKET: EXAMINER HEARING - THURSTAY - NOVEMBER 19, 1981

9 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for December, 1981, from fifteen prorated pools in Lea, Eddy and Chaves Counties, New Mexico.
  - (2) Consideration of the allowable production of gas for December, 1981, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
- CASE 7410: Application of B.O.A. Oil & Gas Company for two unorthodox oil well locations, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a well to be drilled 2035 feet from the South line and 2455 feet from the East line and one to be drilled 2455 feet from the North line and 1944 feet from the East line, both in Section 31, Township 31 North, Range 15 West, Verda-Gallup Oil Pool, the NW/4 SE/4 and SW/4 NE/4, respectively, of said Section 31 to be dedicated to said wells.
- CASE 7356: (Continued from October 21, 1981, Examiner Hearing)

Application of S & I Oil Company for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the W/2 SW/4 of Section 12, Township 29 North, Range 15 West, Cha Cha-Gallup Oil Pool, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

- CASE 7411: Application of Viking Petroleum, Inc., for an unorthodox gas well location, Chaves County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the unorthodox location of a well to be drilled 330 feet from the North and East lines of Section 12, Township 11 South, Range 27 East, the NE/4 of said Section 12 to be dedicated to the well. (This case will be dismissed).
- CASE 7412: Application of Gulf Oil Corporation for salt water disposal, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Lower Yules, Queen, San Andres and Delaware formations in the open hole interval from 4375 feet to 7452 feet in its Lea "ZD" State Well No. 1 located in Unit M of Section 30, Township 18 South, Range 35 East, Air-Strip Field.
- Application of Gulf Oil Corporation for Directional Drilling, Lea County, New Mexico.

  Applicant; in the above-styled cause, seeks authority to directionally drill its Arnott Ramsey Well No. 12, the surface location of which is 500 feet from the South line and 1400 feet from the East line of Section 32, Township 25 South, Range 37 East, to a bottomhole location within 150 feet of a point 500 feet from the South line and 800 feet from the East line of Section 32, Township 25 South, Range 37 East, Langlie Mattix Pool, the SE/4 SE/4 of said Section 32 to be dedicated to the well.
- CASE 7414: Application of Gulf Oil Corporation for downhole commingling, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the downhole commingling of the Drinkard and Wantz-Granite Wash production in the Wellbore of its Hugh Well No. 10, located in Unit C of Section 14, Township 22 South, Range 37 East.

- CASE 7415: Application of Gulf Oil Corporation for downhole commingling, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the downhole commingling of the Tubb and Drinkard production in the wellbore of its T. R. Andrews Well No. 3, located in Unit J of Section 32, Township 22 South, Range 38 East.
- CASE 7379: (Continued from October 21, 1981, Examiner Hearing)

Application of JEM Resources, Inc., for vertical pool extension and special GOR limit, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the vertical extension of the Cave-Grayburg Pool to include the San Andres Formation, and the establishment of a special gas-oil ratio limit for said pool to 6000 to one or, in the alternative, the abolishment of the gas-oil ratio limit in said pool, all to be effective October 1, 1981.

CASE 7407: (Continued from November 4, 1981, Examiner Hearing)

Application of Mesa Petroleum Company for compulsory pooling, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Abo formation underlying the NE/4 of Section 23, Township 5 South, Range 24 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in Jrilling said well.

- CASE 7416: Application of El Paso Natural Gas Company for pool creation and redelineation, Lea County, New Mexico. Applicant, in the above-styled cause, seeks to contract the horizontal limits of the Jalmat Gas Pool by deleting therefrom all lands in Township 26 South, Range 37 East. Applicant also proposes to contract the horizontal limits of the Rhodes Yates Seven Rivers Oil Pool by deleting therefrom all of the gas productive lands in the North end thereof and to create the Rhodes Yates-Seven Rivers Gas Pool comprising all such deleted lands. Applicant further proposes the deletion of certain oil productive lands from said Rhodes oil pool and the extension of the Scarborough Pool to include said lands. Applicant further proposes to contract the horizontal boundaries of the Rhodes Gas Storage Unit to delete certain lands and wells not participating in the Rhodes Gas Storage Project and to withdraw without restrictionall gas remaining in the newly created Rhodes Gas Pool.
- CASE 7417: (This case will be dismissed.)

Application of Northwest Pipeline Corporation for 13 non-standard gas provation units, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for 13 non-standard Pictured Cliffs gas proration units ranging in size from 142.39 acres to 176.77 acres and each comprised of various contiguous lots or tracts in Sections 4,5,6,7, and 18 of Township 31 North, Range 7 West. Said provation units result from corrections in the survey lines on the North and West sides of Township 31 North, Range 7 West and overlap seven non-standard Mesaverde provation units previously approved by Order No. R-1066.

- CASE 7418: Application of Morris R. Antweil for special pool rules, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the West Nadine-Drinkard Pool including a special gas-oil ratio of 6,000 to one.
- CASE 7419: Application of Morris R. Antwell for special pool rules, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the West

  Nadine-Blinebry pool including a special gas-oil ratio of 4,000 to one.
- Application of Southland Royalty Company for two unorthodox oil well locations, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks approval for the unorthodox location of two previously drilled wells, the first being 760 feet from the South line and 660 feet from the East line of Section 5 the other being 660 feet from the North and West lines of Section 9, both in Township 19 South, Range 35 East, both to be plugged back to the Scharb-Bone Springs Pool, the S/2 SE/4 of Section 5 and the N/? NW/4 of Section 9, respectively, to be dedicated to the wells.
- Application of Doyle Hartman for compulsory pooling, unorthodox well location and non-standard spacing unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Eumont Gas Pool underlying a 120-acre non-standard spacing unit consisting of the \$72 SW/4 and the NW/4 SW/4 of Section 3. Township 20 South, Range 37 East, to be dedicated to a well to be drilled at an unorthodox location 2,310 feet from the South line and 330 feet from the West line of Section 3. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.

#### Pagé 3 Examiner Hearing - Thursday - November 14, 1981

- CASE 7422: Application of Conoco, Inc. for dual completion and an unorthodox location, Lea County, New Mexico, Applicant, in the above-styled cause, seeks approval for the dual completion of its Southeast Monument Unit Well No. 121, to produce oil from the Skaggs Grayburg and an undesignated Paddock pool through parallel strings of tubing, Applicant further seeks approval of the unorthodox location of said well 1310 feet from the North line and 1330 feet from the West line of Section 19, Township 20 South, Range 38 East, the NE/4 NW/4 of said Section 19 to be dedicated to the well.
- CASE 7423: Application of Conoco, Inc., for a waterflood project, Lea County, New Mexico.

  Applicant, in the above-styled cause, seeks authority for three companies to institute a cooperative waterflood project in the Blinebry oil and gas pool by the injection of water into the Blinebry formation through 13 injection wells located on leases operated by Conoco, Shell Oil Company, and Southland Royalty Company, in Sections 33 and 34, Township 20 South, Range 38 East, and Sections 2 and 3, Township 21 South, Range 37 East.
- CASE 7424: Application of Rice Engineering and Operating, Inc., for salt water disposal, Lea County, New Mexico.
  Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the
  Lower San Andres formation in the perforated interval from 4300 feet to 4852 feet in its EuniceMonument Eumont SWD "G" Well No. 8, located in Unit G of Section 8, Township 20 South, Range 37 East.
- CASE 7425: Application of R. L. Brown, Jr. for compulsory peoling and an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the top of the San Andres formation to the base of the Pennsylvanian formation underlying the S/2 of Section 36, Township 16 South, Range 37 East, to be dedicated to a well to be drilled at an unorthodox location 554 feet from the South and West lines of said Section 26, provided that in the event the subject well encounters production in the Casey-Strawn Fool and/or the West Knowles-Drinkard Pool, the lands pooled would be the W/2 SW/4 of said Section 26. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well a actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.
- CASE 7426: Application of Phillips Petroleum Company for Amendment of Division Order No. R-5697 and certification of a tertiary recovery project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the Amendment of Division Order No. R-5697, to include the injection of carbon dioxide in the previously authorized pressure maintenance project in the East Vacuum Grayburg-San Andres Unit, for conversion of existing injectors to water/carbon dioxide injection, and for certification to the Secretary of the IRS that the East Vacuum Grayburg-San Andres Unit Project is a qualified tertiary oil recovery project.
- CASE 7427: Application of Belco Petroleum Corporation for a special allowable, Eddy County, New Mexico, Applicant, in the above-styled cause, seeks an adjustment to the manner in which allowables are calculated for wells in the South Carlsbad-Morrow Gas Pool in order to grant relief to the over-produced status of its Douglas Com. Well No. 1 located in Unit H of Section 7, Township 22 South, Range 27 East, said well being subject to shut-in being more than six times its allowable over-produced. In the alternative, applicant seeks to make up the over-production at a rate less than complete shut-in by curtailing production from the well to 80 percent of its top allowable until it is back in balance.
- CASE 7428: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating; and extending certain pools in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico.
  - (a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the North Antelope Ridge-Wolfcamp Gas Pool. The discovery well is J. C. Williamson Triple A Federal Well No. 1 located in Unit F of Section 10, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

# TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM Section 10: N/2 and N/2 SW/4

(b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the Dismondtail-Wolfcamp Pool. The discovery well is the Superior Oil Company Triste Draw Federal Well No. 1 located in Unit J of Section 14, Township 23 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 32 EAST, NNPM Section 14: 52/4

(c) CREATE a new pool in Les County, New Mexico, classified as an oil pool for Bone Spring production and designated as the North Grama Ridge-Bone Spring Pool. The discovery well is the Hunt Oil Company State 4 Well No. I located in Unit T of Section 4, Township 21 South, Range 34 East, NMPM, Said pool would comprise:

# TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM Section 4: SW/4

(d) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the Grassland-Wolfcamp Pool. The discovery well is C. F. Qualia State 23 Well No. 1 located in Unit K of Section 23, Township 15 South, Range 34 East, NMPM. Said pool would comprise:

#### TOWNSHIP 15 SOUTH, RANGE 34 EAST, NMPM Section 23: SW/4

(e) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the North Lusk-Bone Spring Pool. The discovery well is Petroleum Development Corporation Shelly Federal Com. Well No. 1 located in Unit H of Section 5, Township 19 South, Pange 32 East, NMPM. Said pool would comprise:

# TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM Section 5: NE/4

(f) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the McMillan-Atoka Gas Pool. The discovery well is Southland Royalty Company Pecos River 21 Federal Com Well No. 1 located in Unit K of Section 21, Township 19 South, Range 27 East, NMPM. Said pool would comprise:

# TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM Section 21: S/2

(g) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Horrow production and designated as the Springs-Morrow Gas Pool. The discovery well is Jake L. Hamon State 33 Com Well No. 1 located in Unit I of Section 33, Township 20 South, Range 26 East, NMPM. Said pool would comprise:

#### TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM Section 32: E/2 Section 33: All

(h) EXTEND the Antelope Ridge-Morrow Gas rool in Lea County, New Mexico, to include therein:

#### TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM Section 11: All Section 15: N/2

(i) EXYEND the Baldridge Canyon-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

# TOWNSHIP 24 SOUTH, RANGE 24 EAST, NHPM Section 14: N/2

(j) EXTEND the Bear Draw-Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

# TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM Section 28: N/2 SE/4

(k) EXTEND the Bluitt-Wolfcamp Gas Pool in Roosevelt County, New Mexico, to include therein:

# TOWNSHIP 8 SOUTH RANGE 37 EAST, NMPM Section 10: SE/4

(1) EXTEND the Buffalo Valley-Pennsylvanian Gas Pool in Chaves County, New Mexico, to include therein:

# TOWNSHIP 15 SOUTH, RANGE 27 EAST, NMPM Caction 4: All

Examiner Hearing - Thursday - November 14, 1981

(m) EXTEND the Bunker Hill-Penrose Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM Section 13: SE/4 SW/4

(n) EXTAND the Burton Flat-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM Section 35: W/2

(0) EXTEND the Eagle Creek-Strawn Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SCUTH, RANGE 25 EAST, NMPH Section 27: N/2

TOWNSHIP 18 SOUTH, PANGE 25 EAST, NMPM Section 1: All

(p) EXTEND the Golden Lane-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM Section 8: S/2

(q) EXTEND the Kennedy Farms-Upper Penr ylvanian Gas Pool in Eddy County, New Mexico to include therein;

> TOWNSHIP 17 SOUTH, RANGE 26 EAST, NMPM Section 34: N/2 Section 35: N/2

(r) EXTEND the North Mason-Delaware Pool in Lea County, New Mexico, to include therein:

TCWNSHIP 26 SOUTH, RANGE 32 EAST, NMPM Section 8: S/2 S/2

(s) EXTEND the West Osudo-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 35 EAST, NMPM Section 35: N/2

(t) EXTEND the West Parkway-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM Section 29: W/2

(u) EXTEND the Peterson-Mississippian Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 4 SOUTH, RANGE 33 EAST, NMPM Section 29: NE/4

(v) EXTEND the POW-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 26 EAST, NMPM Section 4: S/2

(w) EXTEND the Saunders-Permo Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPH Section 32: NE/4 Examiner Hearing - Thursday - November 14, 1981

(x) EXTEND the Scharb-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM Section 8: NE/4

(y) EXTEND the East Siete-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 31 EAST, NMPM Section 10: NE/4

(z) EXTEND the Teague-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM Section 27: NW/4

(as) EXTERN the Tom-Tom-San Andres Pool in Chaves County, New Mexico, to include therein:

TOMISHIP 7 SOUTH, RANGE 31 EAST, NHPH Section 28: SE/4

(bb) EXTEND the North Turkey Track-Morrow Gas Pool in Eddy County, New Mexico to include therein:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NHPM Section 21: All

(cc) EXTEND the North Young-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMFM Section 9: HE/4

# Memo

Grom

R. I. STAMETS Technical Support Chief

To Florence

Viking Petroleum NSL Thursday Nov 19



# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR LARRY KEHOE SECRETARY

September 25, 1981

POST OFFICE BOX 2006 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 97501 (505) 827-2434

Jack Grynberg and Associates 1050 17th Street Suite 1950 Denver, Colorado 80265 Case 7411

Attention: Nancy Stolzle

Re: Unorthodox Location Viking Petroleum, Inc. Grynberg State No. 1 330' FNL and 330' FEL Section 1, T115, R27E

Gentlemen:

Your application for the above-referenced unorthodox location does not qualify for administrative approval.

Please advise this office if you wish the application set for an examiner hearing.

Sincerely,

R. L. STAMETS Technical Support Chief

RL5/fd

## JACK GRYNBERG AND ARBOCIATES

PETROLEUM, GEOLOGICAL, GEOPHYSICAL AND MINING ENGINEERS

1050-17th STREET . SUITE 1950 . DENVER, COLORADO 80265 . PHONE 303 - 672-1456

TELEX: 45-4467 ENERGY DVR TELECOPIER: 303-623-5224

September 10, 1981

Oil Conservation Division Mr. Dan Nutter P.O. Box 2088 Santa Fe, New Mexico 87501 NOTICE TO: Amoco Production Co.

Coquina Oil Co.

Coronada Exploration Corp.

RE: Application for administrative approval of unorthodox locations
Viking Petroleum, Inc.
#1 Grynberg - State
330' FEL.and 330' FNL of

330" FEL and 330' FNL of Section (1-), T 11 S - R 27 E Chaves Sounty, New Mexico

LSec 12

Gentlemen:

In accordance with the Oil Conservation Division Rule 104-F, Viking Petroleum, Inc. hereby requests administrative approval of the subject unorthodox location to test the Abo formation, 160 acre spacing at a proposed depth of 5600 feet. We have taken over the Orla Petco, Inc. #1 Grynberg State, permitted for oil with a 40 acre spacing, at a depth of 2112 feet. Our application to deepen the well is attached as Exhibit "A" for your information.

Exhibit "B" is the required plot showing the ownership of all leases offsetting the proration or spacing unit for which the unorthodox location is sought, and also all wells completed thereon.

The operators (lessees) of these offsetting proration or spacing units are hereby notified of the herein stated for application for administrative approval of the unorthodox location and are hereby requested to sign in the space provided below if, as an offsetting operator, you have no objections to the unorthodox location. Please send this waiver to Mr. Dan Nutter at the Oil Conservation Division in the enclosed envelope.

Your prompt attention to this matter is greatly appreciated.

Very truly yours,

JACK GRYNBERG AND ASSOCIATED STORY TO VIKING Petroleum Inc.

SEP 28 1981

Nancy Stazle

Senior Landman

SANTA FE

Oil Conservation Division
September 10, 1981
Page 2

I the undersigned, having authority to sign said instrument on behalf of <a href="Coquina 0il Corporation">Coquina 0il Corporation</a> do hereby acknowledge receipt of notification for the subject unorthodox location and as an offset operator have no objection to said unorthodox location.

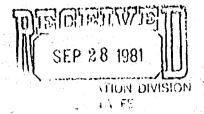
This 23 day of September, 1981.

Coquina 011 Corporation

cc: Amoco Production Co. Coquina Oil Co.

Coronada Exploration Corp.

NS: sw



		P11127 non 11 (1	. julija 1802. i 1880.		•	
DISTRIBUTION		EXHIBIT "A"	Page 1			
SANTA FE	- NE	W WEXICO OIL CON	SERV UTRICKTES	110/19/1	Form C-101 vised 1-1-	6\$
FILE			11116		HAVE BROKEN	7777 1 Panka
U.S.G.S.	The state of the s	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	SEP 24	1981	STOLE OU	6 Gas Lease No.
OPERATOR			L.D.	411	5 h	
			OIL CONSERVATI	UN DIVISIO	TITTE	
APPLICATION Type of Work	ON FOR PERMIT TO	DORILL, DEEPE	N, OR PLUG BACKTA	PE	TILLIAN AGE	eement Name
u <b>k</b> on ing manggarang <u>a</u>	1	Value <b>an</b>			77 Onte Agre	content (some
b. Type of Well DRILL		DEEPEH V	The Art of the Art of the Control of	BACK [	8. Farm or L	
OIL WELL X	OTHER		SINGLE MU	ZONE	Grynber	g State
	etroleum Inc.				1	e de la companya de l
3. Address of Operator					1 14 6 4 1 to 1	d Pool, or Wildcal
	<u>n Street - Suit</u>	<u>e 1950 Denver</u>	, CO 80265		Wildcat	mmmm
4. Location of Well	en <u>A</u>	CATED	FEET PROM THE North	LINE		
AND 330 FEET PAON	THE East LI	NE OF SEC. 12	TWP. 11 S RGE. 27	Е имем		
					12. County	
<i>HHHHHH</i>		HHHHH	<del>?{}}</del>	HHH	Chaves	HHHH
			19, Proposed Depth 5600'	9A. Formation		20, holary or C.T.
21. Clevations 1 how whether Ul	HI, etc.) 21A, Kind	6 Status Plug. Bond	218, Drilling Contractor	Abo	22. Approx.	Rotary Date Work will start
GR 3737	Blank	(et	MacChase	<u></u>	Oct.	15, 1981
23.	<b>.</b>	ROPOSED CASING A	NO CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOO	T SETTING DEPTH	SACKS OF	CEMENT	EST. TOP
7 5/8"	41511	10.5#	5600	500		above top to pa
				<del> </del>		
		Property of the state of the st		}		
		interior de la companya de la compa La companya de la co		<b>.</b> .		
Original casing	8 5/8" @ 450', ig, commence dr	original hol	e drilled to 211:	٤.		•
2. Drill 7 5	/8" hole to 560	10'			* .	
3. Run test	and logs					•
4. Set 4½" c	asing if warren and stimulate	ted as needed				
5. Perforate	and seminate	as included	1.4			
Gas is not dedi	cated					
BOP Attached.	The state of the s					
IN ABOVE SPACE DESCRIBE PROTIVE ZONE, SIVE BLOWOUT PREVENTE	POSED PROGRAM: IF P	ROPOSAL IS TO OCCPEN	OR PLUG BACK, GIVE DAYA ON	PRESENT PROD	UCTIVE ZONE A	NO PROPOSED DEW PRODUC
I hereby cently that the information	n above is true and compi	ete to the best of my	cnowledge and bellefi			
Signed Town	166	tue Agent	The second secon		<u>Sente</u>	mber 8, 1981
(This space for S	iole Use)					
		•			* •	• • • • •
APPROVED BY	<del></del>	TITLE		0/	TE	
CONDITIONS OF APPROVAL, IF	ANY;		• 1		,	
			\$			Section 1997

### EXHIBIT "A" Page 2

NEW MEXICO OIL CONSERVATION COMMISSION.

WELL LOCATION AND ACREAGE DEDICATION PL

SEP 24 1981 티 11-65

All distances must be from the outer boun Cinetater Viking Petroleum, Inc. Grynberg - State Unit Lotter Cownship 27 E Chaves Actual Factore Lucation of Well: East line and 330 feet from the North feet from the Ground Lovel Elev. Producing Formation Wildcat 3737 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Il answer is "yes," type of consolidation l'es If answer is "no." list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-CERTIFICATION 0330 i hereby certify that the information contained herein is true and camplete to th best of my knowledge and belief. Nancy Stolzle JACK GRYNBERG & ASSOCIATES Position Agent Company Viking Petroleum, Inc. Date 9-8-81 I hereby certify that the well location shown on this plat was platted from field notes of or al surveys made by me or under my supervision, and that the same is true and correct to the best of knowledge and belief, See original survey attached Date Surveyed Registere ! Professional Engineer Centificate No.

## EAHIBIT "A" Tage 3

WELL LOCATION AND ACREAGE DEDICATION

SEP 24 1981

Paro C-102 Experiedes C-128

		All distances must be	from the outer bei	nderies of t	m suru conseh	VALIDIY DIVISION	
perator	^		Lease		SÁ	VIA FE Well tie.	·
Orla Pet	co Src	January Land		rynberg	State	1)	1
Unit Letter Sec	lion	Township .	Horse		Crun'y Water in the	Salah Barata Kabatan K Kabatan Kabatan Kabata	Barto (1. 1. 1. 1. 1.
A	12	11South	27	East	Chav	es	3 10
Actual Footage Location							
330 1++	t from the No	orth line and	330	lect	Imm the East	line	
Ground Level Elev.	Producing Form		Poollind	Church	en st	Dedicated Acreage	:
3737.0'	SAN A	NORES	alted	CAT	ta <u>i di bana di bana</u>	1 40	Acres
	ne lease is	ed to the subject we	·-	(C)			o working
If answer is "control this form if nec	No If ans  no," list the or  essary.)	ferent ownership is itization, force-pool wer is "yes;" type where and wact desired to the well until al	ing. etc? of consolidatio criptions which I interests hav	have actu	ually been consoli	dated. (Use revers	se side of
forced-pooling,	or atherwise) o	r until a non-standar	d unit, elimina	ting such	interests, has bee	n approved by the	Comais-
7						CEPTIFICATION	-
				330		Commenter	
	1		· •		0.20		
Lymat p. v. T. E.			1		3 1	certify that the inform	
	J 45	and the state of t		4	toined h	erein is true and comp	lete to the
	I.		1		best of	ny knowledge and hal	"/
	1		1			1 K To	
	1		1		1 60	and fittell	10
	<b>L</b>				- Nome		*
	1	The state of the s			1165	<u> </u>	
	1		1 .		Position	PETCO, INC	
en e	1		1		Company		
	1				Date	16-81	
	l .				) i care		
	Francisco (1986)						
	L		<del></del>				
				11.1			and the second
	1	and the second	1. Agric		1 heraby	certify that the wel	llecotion
	1		1		ahown or	this plat was platted	from field
	L==>				nates of	actual surveys made	by me or
1300	HEER &				under my	supervision, and hel	the same
Ello	NIE S	8	3 22 1 TW 1 THE		is true	and cornect to the be	at of my
187 4			1		knewledg	v and belief.	
	r = -7	到			-41		44.4
13	676			<b>5</b> -	. 3. 15		
	1.	31	1	1 0 18	Dale Survey		<del></del>
11 12	,0/	%	ľ		1 (		
11 /00	MEX		I			11 10, 1981	
1/0h	WEST !		1		Regletered cand/or licen	Palleselonul Engineer	
	Y		: 1		( and ( and	1	1
	ži.		1		1 kg	20/1/1/1	<del>ار</del>
	La Salanda Carana			· · · · · · · · · · · · · · · · · · ·	Continue	10 VONA W. WEST	674

Grant's	1 28	,	<u> </u>							
	1.		21	F	EXHIBIT "	B <sup>21</sup>		K KEST T	24 3 . 27 . 84	W
Celemotoyaker	, 1	į		្ន <sub>រ</sub> ស	17.4.4.	_	(2 92 3 83			13 11 71 16
Viling Per Vz	🗜 🖰 Le ac	. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and Albanii .	Edwarf Coorts	kachonge uniu	Exchange	366	Exchan	ge cao	Print Cash.
	trate		son Dit & M. Bar	0' 51.00	L.E. Alinerals		Mero Whitedreto	LE Minerals	nneco Ju White Unietol	CENTRAL
. 354	Ce established	الأ≉ من كيمية داكيم عا	1426 11 6210	يومطلب موادا	Coronado Espl Se Essteri Ener S 13 8	l i i i i i i i i i i i i i i i i i i i	U.O.Whitten-	Corprode Or test	ernaner	le fore of
16.5541	(V 3m; Per /2)		علمان وه	Hereon st.	Coronado Lapi		910 E 4 2'	S 20	1 9 30 85	Fin 1
-	29===	Braner Josephy St.	28 <u>(360)</u>	i	27	2	6	1	2'5	Tun 7 30
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			Nulse Corp. Special Si 18 1885	in the second second	· lost iclar pot ? Caronodo Era	Coron	do Exrt	ų	eroce on a get	
13 (c) 25 35 25 26 26 27 3	G. Nery St	1	ф. 1766 Эм. 11-са	Someour St. 170-123 DIS-1-64	Fechonge Oas Tenneco	Exchang	e dag	Tenneco 14	eroce and e Ach.  13 10 1 63  Minerals  Then & outling hour	Ton Bucha.
3	* , * ,		2010 2020 j	State (: :shr a Oit)	L.E Wineress	GLM CKC LEM				Whiteward
Copylori my King Berge	transport Ve	(16.26)	31 e > 4	Silo Hel	White or arol	(Gr Eas	ternë fer.) 9 - 0:	V.V.O.S	Grûnberg 10 64 Va 1 • <b>9</b> 1	Hilling St.
( ) - ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	15"		Eccurate Brises St		warshall a	Compage Cor		103	1009 1009	Te :: 1 1 1 1
** *** -	32		33	3 15 ⊙	Maria Maria	3.7.85	5		36	मान है
1 <i>44 - 1</i> 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Warrana, ara	180 mg 54 %	(6) SA Dac	is statement	Sercrade A	Judy	<u>्</u> र		•.	7111 7 600
	Part Million		tala	Berses-51	Tenneca LE Minera A	Exchang	ie 0a'G eco W.WniteUnetol	,	·ala	Est." L.E vinerais
At 10 158 158	In Vine	רווי און	VD 22	10 1086	10 - 42H )	ลม อุลม -	Len Ten	ស្រែ ស្រា	T CO'CO TO SO	EIK OF
\$ 1 m	Acute 11903 1	Rulon Kin (Be : 40	77.7	Amoco	Co onedo con Marghell Marghell	O topi 4 . 83	Coronado Exo'. 4 3 83	Sa Springs A La Bah La Sasa	Fre: 4-3 85	EIKO
Allies PARTITION		13379	∞ <sub>2</sub>	1 1101-1	A SEP TO THE SEP	Sherrill Assurctermica Ronale Ca Ronale 1 941 30 63 D L. Winerok	Escharg	5000	Escha	nge On 3
10114" Offale	********			111	Water Unedo		whitesherel	L & Minerals		Plaint Rod .
S. G. Las ck' & Pout Slouron IN L. Gumnelsia (Remanee)	Arrice Harris		1 3 P	(00 Kren) O	3 m . 4	.07sc.	Coronece Expl	Curonade Esti	9 - 27 - 31	Breadcost te 2500
Paul Stayton	ו אוליים ו	(Amoce - 2)		One refor	Coronada Eval	che (/1) Corrido t rpl	7 7 %	terenano Engl	Pioins Rodio Brogge asting Brogge asting Brogge asting Frank Rodio	Ports Rode
D-2610	1 兴	1 34 111152	l)	5. c. A. w. 6 . ; 1.	4 4 6	4 3 83	E	M Meuride Mercelleh Fordan Deleman	Flains Rodin	Amelia Ala es Rej
McAles Tr. (Deron's)	HEATH, MONIOU	Frui Stryton	Faced 100	n e e e e e e e e e e e e e e e e e e e					LER	13 2500
1 Ex 3 15 10	Slaco	1, 10	14 04)		Dry Frencher Excher	h" ge CaG ess +*al	Exchana Ten	on OnG ceco.etal	T'oins Rodis -2500' Exchange GL W DE L E. Winerals	
Foll Strong Continents (Continents)	1617 312 3		Ameze	24	AP C S. Proposed Schools and St.		L.E.Minerals	U White J-eto Plains Rollo	L E Winerois	1 24-5
	Pau Slouten	6 1 8;	6 6281 [674] 25 [674] 46-	Hangl State	Ava anche d September 27 (6 2)	noda Espi	Coronad	o Enol	Pians Floir Rodio Rodio Rodio Rodio Rodio Rodio Rodio Rodio Rodio Rodio Rodio Rodio Rodio Rodio Rodio Rodio Rodio Rodio Rodio	A Roca
(Ameco) (Ameco)	• • · m	¥ .	serie ring	10 min	WED	10 0 ng 2 2 Exp		86		Fred PoetCr
1 15 fast Saufen		A		3 Pont-	- 1-14-0-01	Amere		7	Prome Road Address of the Control of	6, 13
Les carsfele	L czer	4 13 (1-)	POLITATE AND	(0	÷ ភូម ដ	7-5 81 Coronado Espl 2-30 85 (-4.8)			in the state of th	Ac e.s. •*
27   華麗。	•	. CH	SHAM I	Pot Am	Excha Ten U.White Ur etall	nge 046 neco	Exchor Ten J.Whiteur ptoll	necc	Fred rool Pions St. 10122	CollineColle
4	S1/Am	(40	(P76)	region to to the	32.43	.♦¹	Coronado Espl	Coronado (zel.	1	11 S
Pout Stagron M & P	) на	115 1	Hono Frances Ca. Ju (Seco	rankin 4ston Lifairi A.sun, red 10 1450 Fritoso fi-Ro nool Corp.	77.65 1	N.O vichols While Rch. 10 1144 DATUE	2 4 61 4 5 83 1 · · · 94	1 + 1 + 64	Plains Rodio 7	1 - 1 - 0(
Candan-St. 65			101	,,,	TerosOE,G	1.000			to SAVerm.	
	Secondil	[ [ [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	•. (	M. A.C. S.	72.77 36 18	Coronado Espi.	20	)	Caronada Espida 3 M	
	(-1117 L	j		25358	Test & Exchan		Ezch <u>o</u> ng	0006	1-1-26 Sh24	
Srafe	Tevnik st.	<u> </u>	Crisum Fed U.	5.	Teni L.E.Minerals	reco	Tenn LE Minerals	1600	Exchañ. Ten: L E Mineroll	7450
Cope and	€4. 18		54can ( 1981 1983 1983		Carana	to Expl.	Caronada		Carphodo Espí	7 4
Weipro II 1.90	ic. 14:31 13	111111	10191	Sicon dil Ruffeage Fedi 1013 11 10 11 11	4.2	63	1:3	43	1:1:1:1	1.
43 <u>37</u>	Second: 1	€	25	1		5	29		28	
Control of the Contro	1	Secondal	M Yotesm		nn 1 3					Section 1
	Certica -St.	251555	ì	ŀ	nu y Ergnan	g = 0 & G			tion Co.	1 1
Zemilia Mai ins Carlei Stata	\$ 512		, <del>\$'</del>		J White Jr. et al			ina 011 nada Evn	a N.Svilla aug.	Corn
Herper Cit 12-1- 93 13-6559 8-87	Seco (0)	Alexer 1 10:	10/10/20 11:01 11:01	I	Coronad	lo E » pl	COTO	naua EXP	loration	corp.
•1·U	15 %			ľ	กระสำ	š <del>.</del>			1	·
34	1. F. 3. 5. 5. 3.5.	P.O.Ruiti	i, tre <u></u>	•	_1_	· • • • • • • • • • • • • • • • • • • •	32		33	
B	27 E	6010	СН	AVES COU	NTY, NEW	MEXICO	]	R 28	E	
			• •	-			Eschong	ge Opti	Eschange	dea

Janax Jarpia Oxfars

### STATE OF NEW MEXICO FNERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 7411 Order No. R-6844

APPLICATION OF VIKING PETROLEUM, INC., FOR AN UNORTHODOX GAS WELL LOCATION, CHAVES COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

Jan

## BY THE DIVISION:

This cause came on for hearing at 9 a.m. on November 19, 1981, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this day of November, 1981, the Division Director, having considered the record and the recommendations of the Examiner, and being fully advised in the premises,

## FINDS:

That the applicant's request for dismissal should be granted.

## IT IS THEREFORE ORDERED:

That Case No. 7411 is hereby dismissed.

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

JOE D. RAMEY, Director