

B & A OPERATING COMPANY

~~801-10-AMBLURDEY~~
~~PHONE 813-392-6848~~
~~CONRO, TEXAS 75740~~

OIL & GAS PRODUCTION

P.O. BOX 136
PHONE 505 390-3272
LOVINGTON, NEW MEXICO 88260

March 10, '92
Culwin Queen Unit.
#R-2845, R-2846, WFX-468

N.M. Oil Conservation Comm.
Mike Williams
Artesia, N.M. 88201

Re: Drilling new wells #19-20&21.

In considering the locations on our C-101 (C-102)
in relation to the older surrounding producing wells,
we would like to drill them as future injection wells.

Economically, we would, if productive as to oil & gas,
produce them for an un-determined period of time.

Respectively.

D. A. Bell

Mgr. Optns.

Getty
"BK"

"Pure"

36

"R.O."

Trigg

State

M. E. Hale

J. I. O'Neill

M. E. Hale

J. I. O'Neill
"E"

Featherstone
"B"

ORF
Gulf

WATER

J. I. O'Neill

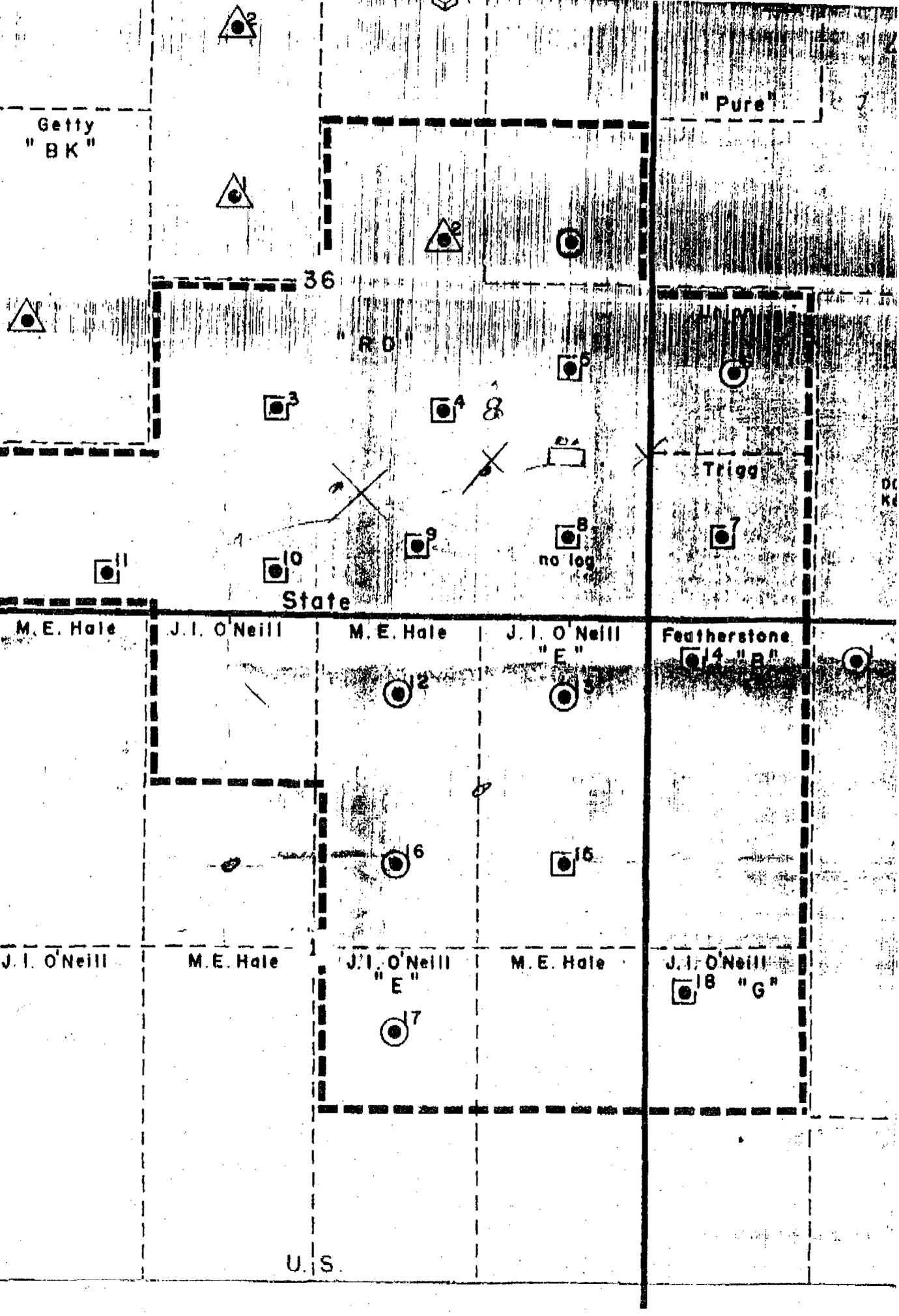
M. E. Hale

J. I. O'Neill
"E"

M. E. Hale

J. I. O'Neill
"G"

U.S.



SAND QUINS - CHEERY CANYON continued:

DEVON ENERGY CORP. continued:
 Todd 26 Federal 2 G 26-23-21 M
 4 B
 5 J
 7 0

POGO PRODUCING COMPANY
 Cal-Mon (31) 3 F 35-23-31 M 950

SANTO NIJO-BONE SPRING
 80 Acre Spacing
 Top Allowable 310 GOR Limit 2,000
 Top Castinthead Gas Limit 820 MCF
 MAM/AMO OIL CORP.
 E1110c Fed.(41) 1 H 30-18-30 41 2853
 (16) 2 G 75 2894
 E1110c Fed.(50) 3 0 50 3900

SCANLON DRAM - BONE SPRING
 Top Allowable 275 GOR Limit 2000
 Top Castinthead Gas Limit 550 MCF
 READ & STEVENS INC.
 /Merion State (8) 1 A 19-19-29 M 9000

SCANLON - DELMARRE
 Top Allowable 107 GOR Limit 2,000
 Top Castinthead Gas Limit 214 MCF
 PRESIDIO EXPL., INC.
 Lee Federal 4Y L 25-20-28 M
 (36) 5T M 25-20-28 GM
 Doris Federal 6 K (11) M 2917
 3 1 26-20-28 M
 HARRY E. YATES COMPANY
 Stebbins Dr Federal (11) 1 H 30-20-29 M 4182

SCANLON DRAM QUEEN
 Top Allowable 80 GOR Limit 2,000
 No Test Required
 Top Castinthead Gas Limit 160 MCF
 FRANK BOUCE
 Connie C State 17 D 25-19-28 M

SCANLON DRAM-NON-SCAMP, WEST
 Top Allowable 230 GOR Limit 2,000
 Top Castinthead Gas Limit 460 MCF
 PENNIDOL EXPLORATION CO.
 Winchester Federal (3) 1 H 30-18-30 M 1333

SEVEN RIVERS - YESO
 Top Allowable 80 GOR Limit 2,000
 No Test Required
 Top Castinthead Gas Limit 160 MCF
 COQUIMA OIL CORP.
 Pan Central A 2 H 34-19-25 M
 B 3 A (18) N80
 MAINE HEAD
 Lakewood Federal 1 0 34-19-25 M
 2 P (47) M
 3 1 (69) M

SEVEN RIVERS - YESO continued:

NEARBURG PRODUCING COMPANY
 Iront Fed.
 Morris 26 E 1 N 34-19-25 S1
 Morris Arco 26 F 1 E 26-18-25 M
 1 F

SHUGART-BONE SPRINGS, NORTH
 Top Allowable 230 GOR Limit 2,000
 Top Castinthead Gas Limit 460 MCF
 /AMCO PRODUCTION CO.
 /PMS 8 Fed. (185) 5 D 8-18-31 M 2584
 /PMS 8 Fed. (240) 6 F 8-18-31 M 592
 /PMS 8 Fed. (281) 7 B M230 1417

AKCO OIL & GAS COMPANY
 Balish Fed.(20) 1 A 9-18-31 M 1400
 (47) 2 B M 2106
 (15) 3 C M 1933
 (45) 4 G 9-18-31 M 1467
 Hilar Federal (5) 1 1 4-18-31 M 2000
 (19) 2 K M 3474
 (21) 3 D M 3095
 (18) 4 C M 2556
 (8) 5 E M 2125
 (7) 6 M M 2000

HANLEY PETROLEUM INC.
 Hanley Fed.(232) 1 C 7-18-31 M230 1246
 /MERIDIAN OIL, INC.
 Federal (34) 1 1 5-18-31 M 2911
 (9) 2 J M 8000
 (11) 3 P M 4364
 Federal 5 (41) 4 0 M 1195
 /Federal 9 (29) 1 D 9-18-31 M 2319
 /Meste 6 (24) 1 P 6-18-31 M 3168
 /Meste 6 (20) 2 1 6-18-31 M 5100
 (15) 3 0 M 4160
 (29) 4 J M 5379
 /Meste Tamano Federal (11) 1 A 6-18-31 M 6273
 (23) 2 B M 5695
 /Meste Williams Federal (11) 1 H M 6272
 (23) 2 G M 5696
 (31) 3 K M 3323
 (58) 4 N M 3464
 (37) 5 L M 3243
 (16) 6 M M 4313

MITCHELL ENERGY CORP.
 /Allied 7 Fed. (51) 1 G 4-18-31 M 3412
 (241) 2 A M230 1884
 (210) 3 B 7-18-31 M 2095
 (85) 4 H M 1616
 Canadian Kenwood 18 (17) 1 F 18-18-31 M TSM
 (1) 1 0 7-18-31 M230 1266
 /Roche Fed. (265) 1 0 7-18-31 M 1333
 /Roche (45) 2 J 7-18-31 M 1000
 (11) 3 1 M 1000
 (48) 4 1 M 1958
 /Sand 7 Fed (265) 1 K M230 1377
 (24) 2 F M 3677
 (14) 3 0 M 3929
 (47) 4 N M
 (69) 5 E M 1507

SHUGART - BONE SPRING, NORTH continued:

ONDIS PETROLEUM INC.
 Atlantic Federal 5 (6) 1 B 5-18-31 M 2833

TEAKO INC.
 Kincaid-Watson Fed. (242) 1 B 10-18-31 M230 886
 (43) 2 P 7-18-31 M 837

HARRY E. YATES COMPANY
 Arco 5 Fed. (27) 1 E 5-18-31 M 481
 Arco 5 Fed. (35) 2 G 5-18-31 M 1429
 Can Ken & Federal (13) 1 H 4-18-31 M 2308
 (7) 2 G M 3000
 Honda & Federal (16) 1 F M 2186
 (15) 2 J M 2287
 Honda & Federal (11) 3 P 4-18-31 M 2455
 (20) 4 L M 3250
 /Merquite 3 Federal (17) 5 M M 1100
 (2) 3 P 3-18-31 M TSM
 Parker 5 Federal (32) 1 M 5-18-31 M 3243
 (241) 2 M 5-18-31 M230 1855
 (46) 3 L M 4435
 (47) 4 K 5-18-31 M 4595
 PMS 8 Federal (23) 1 A 8-18-31 M 1304
 (30) 2 C M 1133
 (212) 3 E M 280
 (11) 4 G M 634
 Scribner 5 Fed. (33) 1 H 5-18-31 M 1939

SHUGART - DELMARRE
 Top Allowable 80 GOR Limit 2,000
 No Test Required
 Top Castinthead Gas Limit 160 MCF
 AMCO PRODUCTION COMPANY
 Greenwood Unit 4 D 27-18-31 M
 Hinkle 1 E M
 CHEVRON USA, INC.
 Littlefield AB Federal 1 M 22-18-31 M
 3 L M
 4 E M80

SHUGART - DELMARRE, EAST
 Top Allowable 107 GOR Limit 2,000
 Top Castinthead Gas Limit 214 MCF
 SILET OIL & GAS CORP.
 Geronimo Federal (132) 3 A 24-18-31 M107 958
 (107) 4 H M107 1776
 () 5,12 B M107 1529
 Geronimo Fed. (99) 8 I M 99 1515
 (109) 9 G M107 1193
 10 J M107
 11 P M 278

SHUGART - DELMARRE, EAST continued:

HARRY E. YATES COMPANY
 South Taylor 13 Federal (170) 1,2 P 13-28-31 M107 765
 (55) 3 0 M
 55 TSM

SHUGART-YATES-SEVEN RIVERS-QUEEN-GRAYBURG
 Top Allowable 80 No Test Required
 ARCO OIL & GAS - DIVISION OF ATLANTIC RICHFIELD
 State 2 1 B 2-19-30 M
 2 C M80
 3 D M80
 4 L M80
 5 M M80
 6 N M

*B & A OPERATING COMPANY
 R-2846
 Culm In Queen Unit Flood
 *Maximum Allowable Formula
 21 X 80 = 1680
 Culm In Queen Unit 1 H 36-18-30 M
 3 K 36-18-30 M
 4 J 31-18-31 M
 6 L 31-18-31 M
 8 P 36-18-30 M
 10 N 19-30 M
 12 B 19-30 M
 14 D 6-19-31 M
 15 H 1-19-30 M
 14 15 H 1-19-30 M
 15 H 1-19-30 M
 16 G 36-18-30 M
 2 G 36-18-30 M
 11 M M
 13 A 1-18-30 M
 17 J M

TOM BOYD DRILLING COMPANY, INC.
 Hinkle B 3 N 26-18-31 M
 4 K M
 Hinkle B 26 1,5 M
 Keohne 1 M 25-18-31 M
 2 L M
 CHEVRON USA, INC.
 Littlefield AB Federal 2 N 22-18-31 M
 5 M M
 7 L M

R-4439
 Chevron Littlefield Shugart Flood
 *Maximum Allowable Formula
 16 X 80 = 1280
 Littlefield AB Federal 8 A 22-18-31 M
 11 G M
 12 I M
 13 P M
 9 H 22-18-31 M
 10 8 M
 14 0 M

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE No. 3155

Order No. R-2846

APPLICATION OF THE ATLANTIC REFINING
COMPANY FOR A WATERFLOOD PROJECT, EDDY
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on December 15, 1964, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 21st day of December, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, The Atlantic Refining Company, seeks permission to institute a waterflood project in the Shugart Pool in the Culwin Queen Unit Area by the injection of water into the Queen formation through six injection wells in Section 36, Township 18 South, Range 30 East; Section 31, Township 18 South, Range 31 East; Section 1, Township 19 South, Range 30 East; and Section 6, Township 19 South, Range 31 East, NMPM, Eddy County, New Mexico.
- (3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.
- (4) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.
- (5) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

CASE No. 3155
Order No. R-2846

IT IS THEREFORE ORDERED:

(1) That the applicant, The Atlantic Refining Company, is hereby authorized to institute a waterflood project in the Shugart Pool in the Culwin Queen Unit Area by the injection of water into the Queen formation through the following-described wells:

WELL	UNIT	SECTION	TOWNSHIP	RANGE
Hondo State RD Well No. 5	G	36	18 South	30 East NMPM
Hondo State RD Well No. 7	M	36	18 South	30 East NMPM
Hondo State RD Well No. 2	O	36	18 South	30 East NMPM
Trigg Federal Well No. 1	M	31	18 South	31 East NMPM
O'Neill Federal "E" Well No. 2	J	1	19 South	30 East NMPM
O'Neill Federal "G" Well No. 1	L	6	19 South	31 East NMPM

all in Eddy County, New Mexico.

(2) That the subject waterflood project shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(3) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1119 of the Commission Rules and Regulations.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Jack M. Campbell, Chairman

S E A L

E. S. WALKER, Member

esr/

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

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE No. 3154
Order No. R-2845

APPLICATION OF THE ATLANTIC REFINING COMPANY
FOR APPROVAL OF THE CULWIN QUEEN UNIT AGREE-
MENT, EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on December 15, 1964, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 21st day of December, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, The Atlantic Refining Company, seeks approval of the Culwin Queen Unit Agreement covering 820.44 acres, more or less, of State and Federal lands described as follows:

EDDY COUNTY, NEW MEXICO

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM

Section 36: S/2 NE/4, NE/4 SW/4,
S/2 SW/4, and SE/4

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM

Section 31: W/2 SW/4

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM

Section 1: NE/4 NW/4, NE/4, and N/2 SE/4

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM

Section 6: W/2 NW/4 and NW/4 SW/4

(3) That approval of the proposed unit agreement should promote the prevention of waste and the protection of correlative rights within the unit area.

IT IS THEREFORE ORDERED:

(1) That the Culwin Queen Unit Agreement is hereby approved.

(2) That the plan contained in said unit agreement for the development and operation of the unit area is hereby approved in principle as a proper conservation measure; provided, however, that notwithstanding any of the provisions contained in said unit agreement, this approval shall not be considered as waiving or relinquishing, in any manner, any right, duty, or obligation which is now, or may hereafter be, vested in the Commission to supervise and control operations for the exploration and development of any lands committed to the unit and production of oil or gas therefrom.

(3) That the unit operator shall file with the Commission an executed original or executed counterpart of the unit agreement within 30 days after the effective date thereof; that in the event of subsequent joinder by any party or expansion or contraction of the unit area, the unit operator shall file with the Commission within 30 days thereafter counterparts of the unit agreement reflecting the subscription of those interests having joined or ratified.

(4) That this order shall become effective upon the approval of said unit agreement by the Commissioner of Public Lands for the State of New Mexico and the Director of the United States Geological Survey; that this order shall terminate ipso facto upon the termination of said unit agreement; and that the last unit operator shall notify the Commission immediately in writing of such termination.

(5) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Jack M. Campbell, Chairman

S E A L

esr/

E. S. WALKER, Member

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