

# B & A OPERATING COMPANY

~~201-10-AMBLURKEY~~  
~~PHONE 505-396-6848~~  
~~LOVINGTON, NEW MEXICO 88260~~

OIL & GAS PRODUCTION

P.O. BOX 136  
PHONE 505 396-3572  
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.

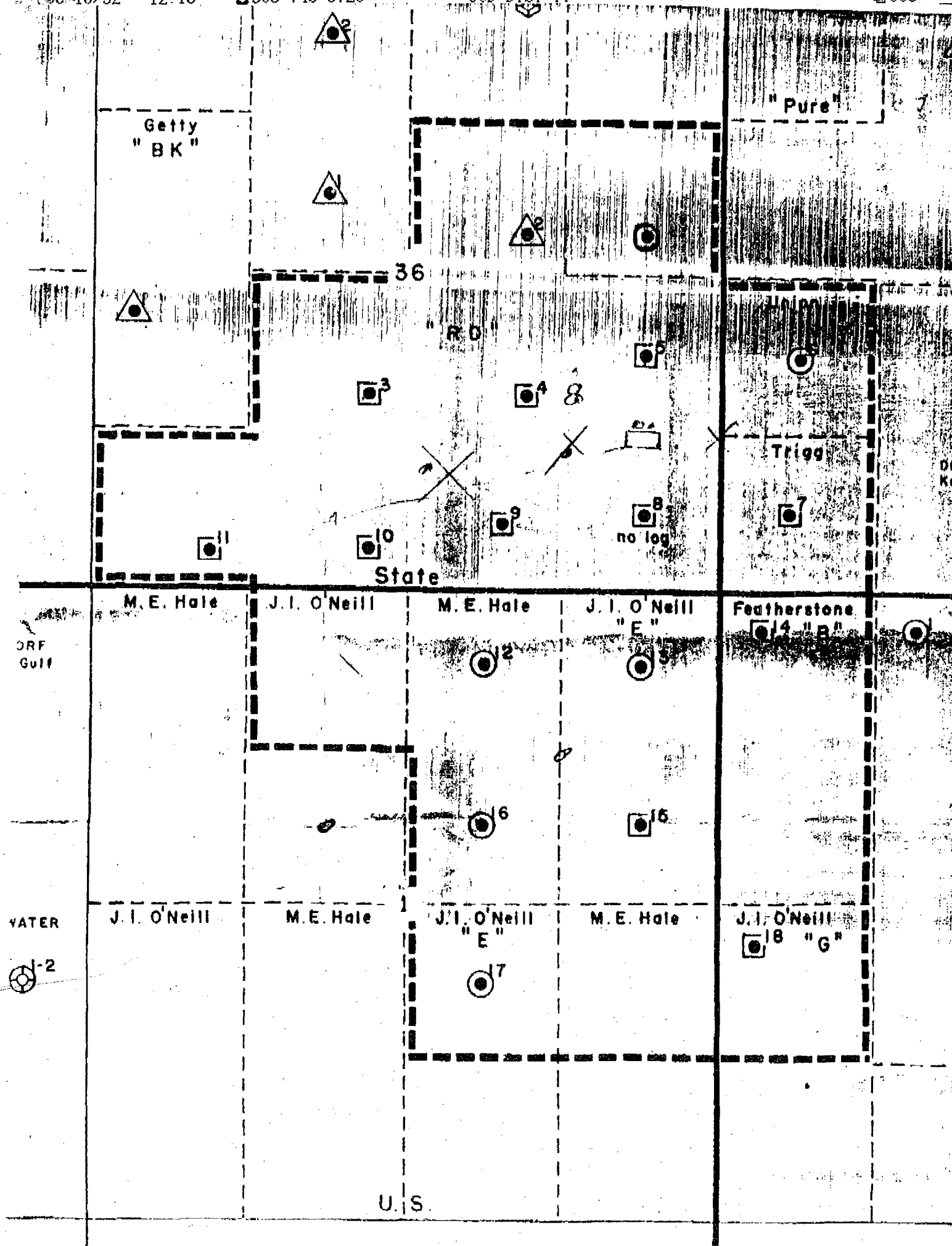
In considering the locations on our C-101 (C-102)  
in relation to the older surrounding producing wells,  
we would like to drill them as future injection wells.

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

Respectively.

12/10/92  
D. E. Bell

Mgr. Optns.





SAND DUNES - 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 NINO-BONE SPRING  
 80 Acre Spacing  
 Top Allowable 310 GOR Limit 2,000

MAN/MANO OIL CORP.  
 E1110c Fed.(41) 1 H 30-18-30 41 2853  
 (15) 2 G 75 2894  
 E1110c Fed.(50) 3 0 50 3300

SCANLON DRAM - BONE SPRING  
 Top Allowable 275 GOR Limit 2000  
 Top Castinthead Gas Limit 550 MCF  
 READ & STEVENS INC.  
 /Merbo Steer (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 6M  
 Doris Federal 6 K M 2917  
 3 1 26-20-28 M

HARVEY E. YATES COMPANY  
 Stebbins DP 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-MONCAMP, WEST  
 Top Allowable 230 GOR Limit 2,000  
 Top Castinthead Gas Limit 460 MCF  
 PENNIGILL 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  
 COOITINA OIL CORP.  
 Pan Canadian A 2 H 34-19-25 M  
 B 3 A M 880  
 MARINE HEAD  
 Lakewood Federal 1 0 34-19-25 M  
 2 P M  
 3 1 M

SEVEN RIVERS - YESO continued:

NEARBRING PRODUCING COMPANY  
 Irena Fed. 1 N 34-19-25 S1  
 Morris 26 E 1 E 26-19-25 M  
 Morris Arco 26 F 1 F M

SHUGART-BONE SPRINGS, NORTH  
 Top Allowable 230 GOR Limit 2,000  
 Top Castinthead Gas Limit 460 MCF

ARCO OIL & GAS COMPANY  
 Bait 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 2971  
 (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 2379  
 /Meste 6 (214) 1 P 6-18-31 M 3168  
 /Meste 7 (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 5696  
 /Waste Williams Federal (11) 1 H M 6273  
 (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 M 1884  
 (210) 3 B 7-18-31 M 2095  
 (85) 4 H M 1616  
 Canadian Kemwood 18 (7) 1 F 18-18-31 M TSM

/Roche Fed. (265) 1 0 7-18-31 M230 1266  
 /Roche (45) 2 J 7-18-31 M 1333  
 (11) 3 1 M 1000  
 /Sand 7 Fed (265) 1 K M 1958  
 (24) 2 F M230 1377  
 (14) 3 D M 3677  
 (47) 4 M M 3929  
 (69) 5 E M 1507

SHUGART - BONE SPRING, NORTH continued:

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

TEXACO INC.  
 Kincaid-Watson Fed. (242) 1 B 18-18-31 M230 866  
 (43) 2 P 7-18-31 M 837

HARVEY 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 4 Federal (13) 1 H 4-18-31 M 2308  
 (7) 2 G M 3000  
 Hondo 4 Federal (16) 1 F M 2186  
 (15) 2 J M 2877  
 Hondo 4 Federal (11) 3 P 4-18-31 M 2455  
 (20) 4 L M 3350  
 (2) 5 M M 1100  
 /Mestige 3 Federal (17) 2 L 4-18-31 M 3429  
 (2) 3 P 3-18-31 M TSM  
 /Parlier 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  
 (211) 3 E M 280  
 (142) 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  
 ARCO 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 M 880

SHUGART - DELMARRE, EAST  
 Top Allowable 107 GOR Limit 2,000  
 Top Castinthead Gas Limit 214 MCF  
 SITE OIL & GAS CORP.  
 Geranito Federal (132) 3 A 24-18-31 M107 958  
 (107) 4 H M107 1776  
 (1) 5,12 B M107 1529  
 /Geranito Fed. (99) 8 1 M 99 1515  
 (109) 9 G M107 1193  
 10 J M107  
 11 P M 278

/Littlefield AB Federal 8 A 22-18-31 M  
 11 G M  
 12 1 M  
 13 P M  
 9 H 22-18-31 M  
 10 0 M

SHUGART - DELMARRE, EAST continued:

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

SHUGART-YATES-SEVEN RIVERS-QUEEN-GRAYBURG  
 Top Allowable 80 No Test Required  
 ARCO OIL & GAS - DIVISION OF ATLANTIC RICHFIELD COMPANY  
 State 2 1 B 2-19-30 M

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

TON BOYD DRILLING COMPANY, INC.  
 Hinkle B 3 N 26-18-31 M  
 4 K M  
 1,5 M  
 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-4438  
 Chevron Littlefield Shugart Flood  
 \*Maximum Allowable Formula  
 16 X 80 = 1280  
 Littlefield AB Federal 8 A 22-18-31 M  
 11 G M  
 12 1 M  
 13 P M  
 9 H 22-18-31 M  
 10 0 M

Littlefield AB Federal 8 A 22-18-31 M  
 11 G M  
 12 1 M  
 13 P M  
 9 H 22-18-31 M  
 10 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

E. S. WALKER, Member

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

S E A L

esr/