

BEFORE EXAMINER CATANACH
OIL CONSERVATION DIVISION

Devon EXHIBIT NO. 2

CASE NO. 9735

APPLICATION FOR AUTHORIZATION TO INJECT

JUN 07 '89

I. Purpose: Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval Yes No

II. Operator: Devon Energy Corporation (Nevada)
Address: 1500 Mid-America Tower, Oklahoma City, OK 73102
Contact party: J.M. Duckworth Phone: (405) 235-3611

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? yes no
If yes, give the Division order number authorizing the project R-7926

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

* VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: J.M. Duckworth Title District Engineer
Signature: *J.M. Duckworth* Date: May 23, 1989

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal. Texas American Oil submitted data previously when obtaining

order number R-7926, May, 20, 1985, Case #8481

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division district office.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Devon Energy Corporation
Etz State Unit
Eddy County, New Mexico

C-108 Permit

Section I - See cover sheet.

Section II - See cover sheet.

Section III - See attachment.

Section IV - See cover sheet.

Section V - See attachment.

Section VI - See attachment.

Section VII - See attachment.

Section VIII - Refer to Texas American Oil, Case #8481,
Order #R-7926, dated May 20, 1985.

Section IX - No stimulation program is anticipated.

Section X - Refer to Texas American Oil, Case #8481,
Order #R-7926, dated May 20, 1985.

Section XI - Refer to Texas American Oil, Case #8481,
Order #R-7926, dated May 20, 1985.

Section XII - Not applicable.

Section XIII - See attachment.

Section XIV - See cover sheet.

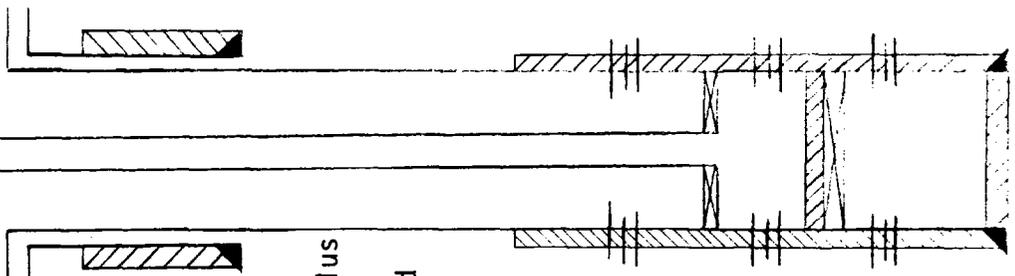
SECTION III

INJECTION WELL DATA SHEET

SIDE 1

OPERATOR LEASE
 Devon Energy Corporation Collier Federal
 WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE
 #1 660' FNL & 660' FEL 17 17S 30E

Schematic



TOC @ 137'
 8 5/8" 20#
 Surface Csg @ 537', 11 hole

Packer fluid in tbgs/csg annulus
 2 3/8" internally plastic ctd
 tbgs

TOC @ 1516'

Queen Perfs 2096-2102'
 PKR @ 2500'

Grayburg Perfs 2573-2819'
 CIBP @ 2875'

San Andres Perfs 2883-3228'

4 1/2" 9.5# csg @3319'
 7 7/8" hole

Tabular Data

Surface Casing
 Size 8 5/8" 20# @ 537' " Cemented with 110 sx.
 TOC 137 feet determined by calc., 30% excess
 Hole size 11"

Intermediate Casing
 Size N/A " Cemented with sx.
 TOC feet determined by

Hole size

Long string
 Size 4 1/2" 9.5# @ 3319" Cemented with 475 sx.
 TOC 1690'original/1516' feet determined by acoustic log / calc. 100% excess
 Hole size 7 7/8"
 Total depth 3320

Injection interval
 2573 feet to 2819 feet
 (perforated or open-hole, indicate which)

Well was sqz'd @ 2096-2102
 with 150 sx

INJECTION WELL DATA SHEET -- SIDE 2

Tubing size 2 3/8 4.7# J-55 8 rd lined with Tuboscope TK-70 plastic coating set in a
(material)

Baker Model AD-1 plastic coated tension packer packer at 2500 feet
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Grayburg

2. Name of field or Pool (if applicable) Grayburg - Jackson

3. Is this a new well drilled for injection? Yes No
If no, for what purpose was the well originally drilled? Producing oil well

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) Yes. San Andres 2883-3228, we will set a cast iron bridge plug at 2875' with 25' of cmt on top to seal off. Queen 2096-2102, sqz'd off with 50 sx cmt to 1350 psi. Drilled out and tested to 300 psi.

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Morrow - 10700 ft, Seven Rivers - 1800 ft, Queen - 2070 ft

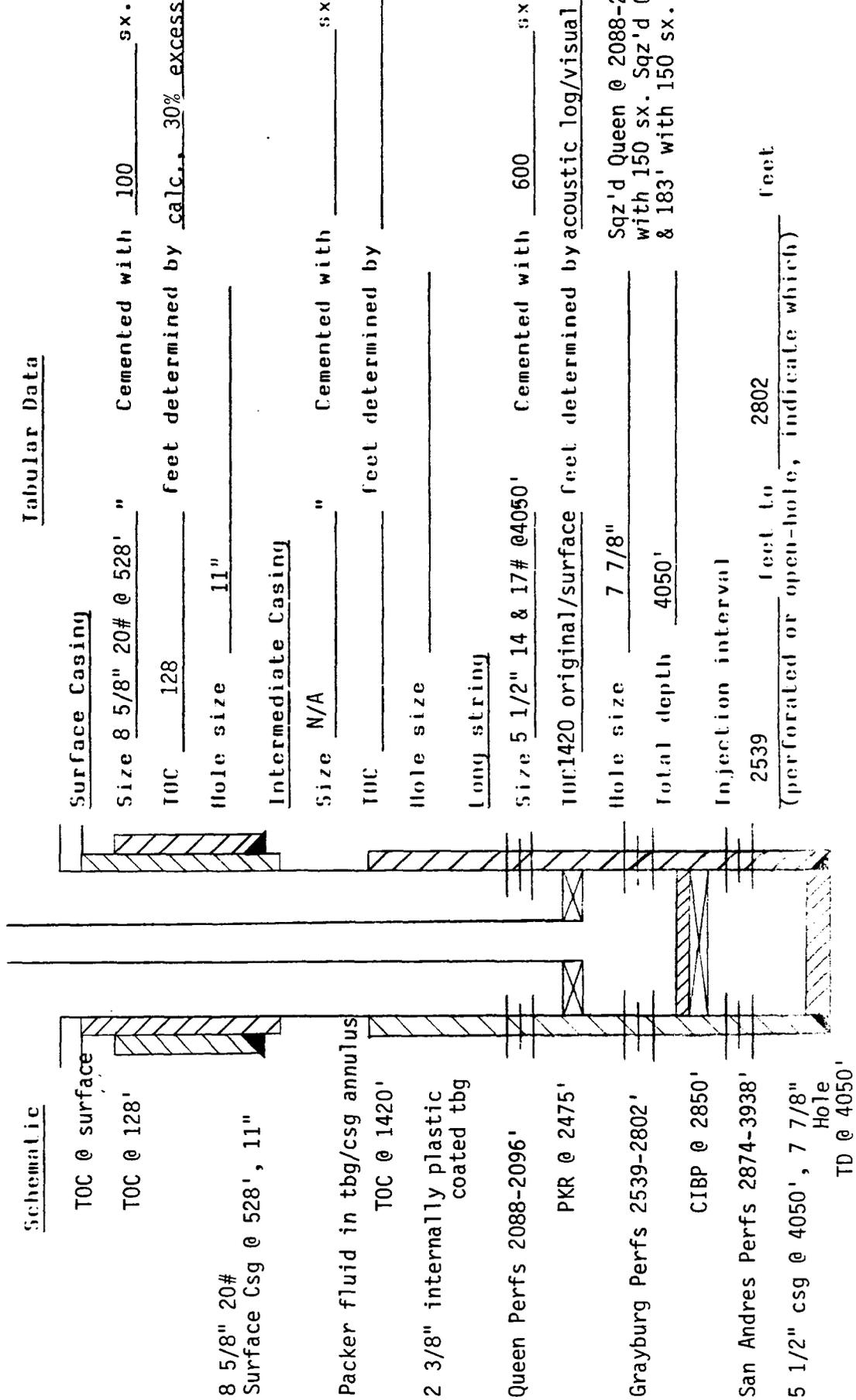
INJECTION WELL DATA SHEET

SIDE 1

OPERATOR Devon Energy Corporation LEASE Etz 'J' State

WELL No. 990' FSL & 2310' FEL SECTION 16 TOWNSHIP 17S RANGE 30E

#22



Tabular Data

Surface Casing
 Size 8 5/8" 20# @ 528' " Cemented with 100 sx.
 TOC 128 feet determined by calc., 30% excess
 Hole size 11"

Intermediate Casing
 Size N/A " Cemented with _____ sx.
 TOC _____ feet determined by _____
 Hole size _____

Long string
 Size 5 1/2" 14 & 17# @4050' Cemented with 600 sx.
 TOC 1420 original/surface feet determined by acoustic log/visual
 Hole size 7 7/8" Sqz'd Queen @ 2088-2096 with 150 sx. Sqz'd @ 535' & 183' with 150 sx. Cmt circ.
 Total depth 4050'
 Injection interval _____ feet
2539 feet to 2802 feet
 (perforated or open-hole, indicate which)

Schematic

TOC @ surface
 TOC @ 128'
 8 5/8" 20# Surface Csg @ 528', 11"
 Packer fluid in tbq/csg annulus
 TOC @ 1420'
 2 3/8" internally plastic coated tbq
 Queen Perfs 2088-2096'
 PKR @ 2475'
 Grayburg Perfs 2539-2802'
 CIBP @ 2850'
 San Andres Perfs 2874-3938'
 5 1/2" csg @ 4050', 7 7/8" Hole
 TD @ 4050'

INJECTION WELL DATA SHEET -- SIDE 2

Tubing size 2 3/8" 4.7# J-55 8rd EU lined with Tuboscope TK-70 plastic coating _____ set in a
Baker Model AD-1 plastic coated tension packer _____ packer at 2475 feet
(brand and model) _____
(or describe any other casing-tubing seal).

Other Data _____

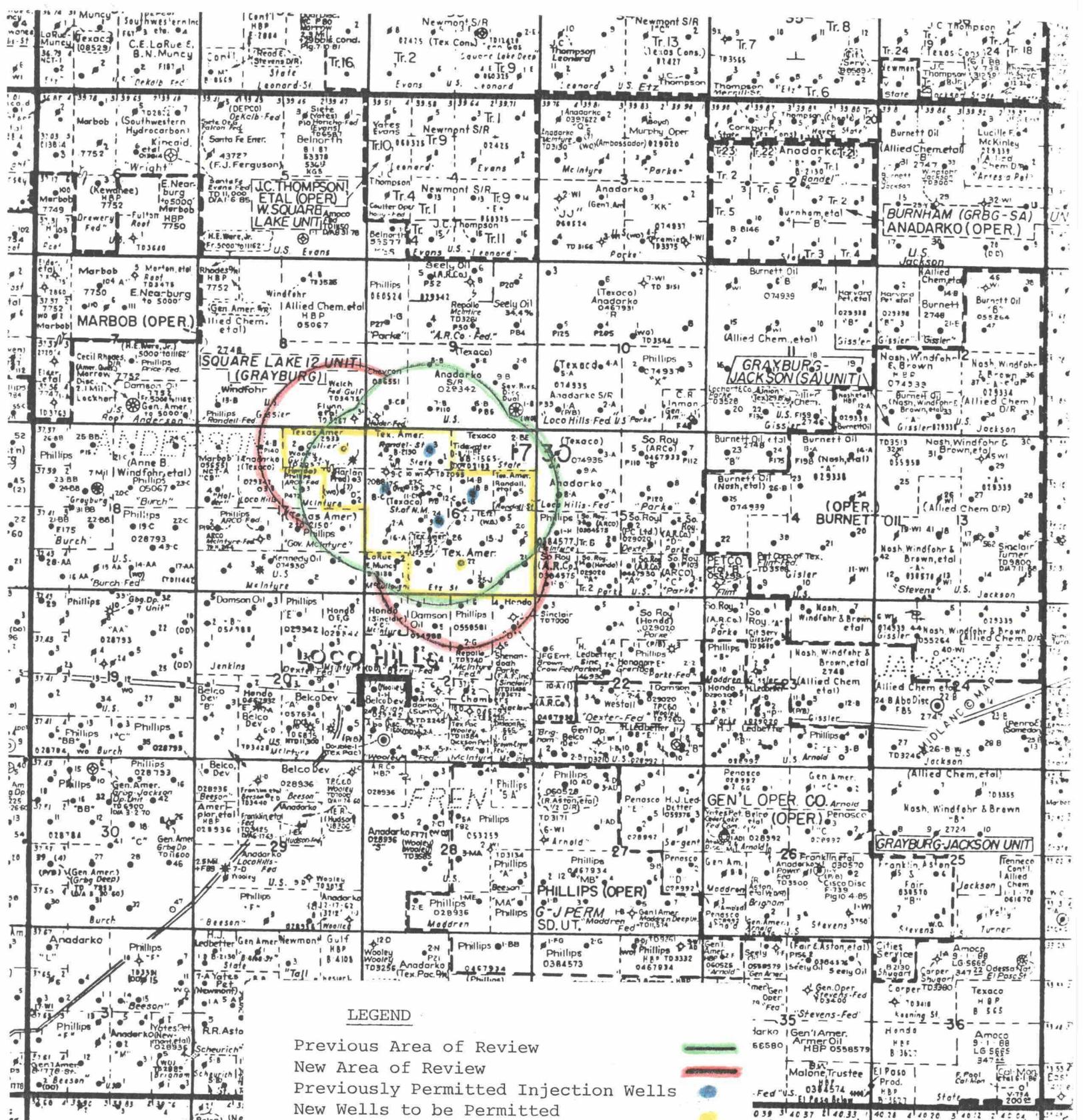
1. Name of the injection formation Grayburg
2. Name of field or Pool (if applicable) Grayburg - Jackson
3. Is this a new well drilled for injection? Yes No

If no, for what purpose was the well originally drilled? Producing oil well

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) Yes. San Andres 2874-3938 ft. We will set a cast iron bridge plug at 2850' with 20 ft of cmt on top to seal off San Andres. Queen 2088-2096, sqz'd off with 150 sx cmt.

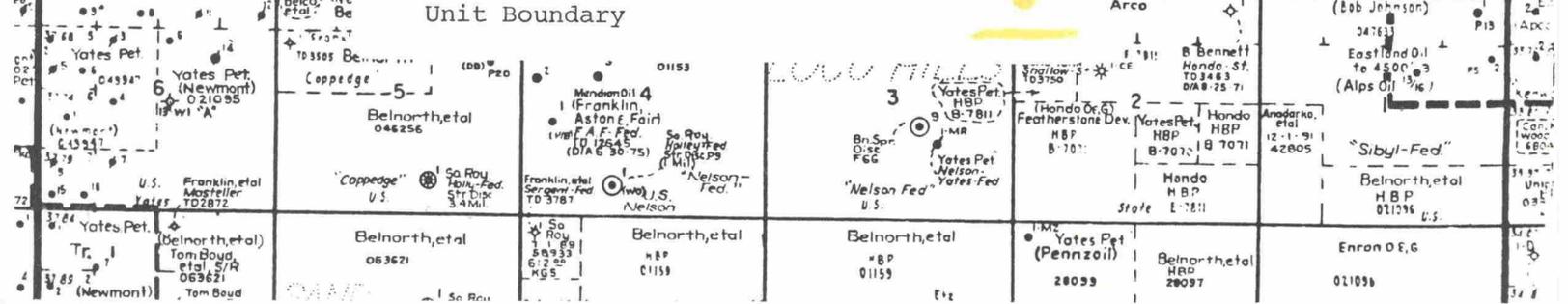
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Morrow - 10700 ft. Seven Rivers - 1800 ft. Queen - 2070 ft.

SECTION V



LEGEND

- Previous Area of Review
- New Area of Review
- Previously Permitted Injection Wells
- New Wells to be Permitted
- Unit Boundary



SECTION VI

SECTION VI - FORM C-108, NEW MEXICO OIL CONSERVATION DIVISION

INTERVAL OF INJECTION: 2474-2772 FT. FROM TYPE LOG

WELL NAME & NUMBER	OPERATOR	LOCATION	STATUS	SPUD		TD	PBD	CASING	I.O.C.	CORE & PERFORATIONS	HOLE SIZE
				DATE	DATE						
1 LOCO HILLS 'A' FEDERAL #8	AMADARKO	B SECTION 15-T178-K308, 9# NR 1980' PNL & 660' PNL	INJECTION	5-4-72	5-15-72	2646	2842	8 5/8" # 472 W/150 SX 5 1/2" # 2845 W/450 SX BRADEN HEAD 802, 300 SX	104, CALC 1130/SURFACE	GRAYBURG: 2394-99, 2601-04, 2705-08, 2711-15, 2817-22	12.250 1.875
2 PARKS 'D' #1	SOUTHLAND ROYALTY	N SECTION 15-T178-K308, 9# 9# 9# 330' PNL & 330' PNL	INACTIVE INJECTION	7-2-38	UNKNOWN	3270	3265	9 5/8" # 523 W/50 SX 7" # 2943 W/100 SX 4 1/2" LINBR 2750-3270 W/100 SX	342, CALC 1702, CALC 2750, TRHP	GRAYBURG: 2810-2820 SAN ANDRES: 3158-00, 3170-73, 3200-10, 3228-36, 3248-50, 3257-64	12.000 8.000
3 RTZ STAIR #4	DEVON ENERGY	P SECTION 16-T178-K308, 9# 8# 8# 330' PNL & 990' PNL	PRODUCING	10-13-37	1-5-38	3350	3350	8 1/4" # 480 W/75 SX 7" # 2550 W/50 SX	343, CALC 1929, CALC	GRAYBURG & SAN ANDRES OPEN HOLE FROM 2550 TO 3350	14.000 8.950
4 RTZ STAIR #21	DEVON ENERGY	P SECTION 16-T178-K308, 9# 8# 8# 990' PNL & 330' PNL	PRODUCING	10-25-72	11-18-72	4000	4011	8 5/8" # 543 W/100 SX 5 1/2" # 4049 W/800 SX	144, CALC 1935, LOG	UBERM: 2124-30 GRAYBURG: 2571-2736 SAN ANDRES: 2807-3764	11.000 1.475
5 MCINTYRE 'D' #2	DEVON ENERGY	B SECTION 17-T178-K308, 9# NR 2310' PNL & 330' PNL	PRODUCING	5-0-74	11-27-74	2800	2833	8 5/8" # 475 W/150 SX 4 1/2" # 2850 W/450 SX	SURFACE, CALC 935, CALC	UBERM: 2071-78	10.000 8.900
6 LOCO HILLS 'B' FEDERAL #4	AMADARKO	C SECTION 17-T178-K308, 9# NR 660' PNL & 1980' PNL	PRODUCING	6-0-72	6-24-72	3700	3693	8 5/8" # 478 W/150 SX 5 1/2" # 3699 W/850 SX	109, CALC SURFACE, CALC	UBERM: 2070-60 GRAYBURG: 2538-56, 2600-06, 2638-52, 2670-82, 2742-52 SAN ANDRES: 3036-48, 3338-40, 3348-52, 3354-60, 3344-71, 3610-04	12.250 7.875
7 BROWN CROW FEDERAL #1	JRG ENTERPRISES	A SECTION 21-T178-K308, 9/2 NR NR 990' PNL & 660' PNL	PRODUCING	5-7-85	6-3-85	3600	3592	8 5/8" # 474 W/430 SX 5 1/2" # 3595 W/925 SX	SURFACE, VIS 1035, LOG	SAN ANDRES: 3265-69, 3288-90, 3309-20, 3370-74, 3484-3510	12.250 1.875
8 MCINTYRE 'B' #4	AMCO	A SECTION 21-T178-K308, 9# NR NR 330' PNL & 990' PNL	PLUGGED	7-2-38	UNKNOWN	3265		9 5/8" # 520 W/50 SX 7" # 2918 W/100 SX	339, CALC 1077, CALC	SAN ANDRES: OPEN HOLE	12.000 8.000
9 MCINTYRE 'D' #1	SINCLAIR OIL & GAS A SECTION 21-T178-K308, 9# NR 660' PNL & 660' PNL	PLUGGED	12-9-80	1-12-81	7000			8 5/8" # 1240 W/400 SX	SURFACE, VIS		11.000

SECTION VI - FORM C-106, NEW MEXICO OIL CONSERVATION DIVISION

INTERVAL OF INJECTION: 2474-2772 FT., FROM TYPE LOG

WELL NAME & NUMBER	OPERATOR	LOCATION	STATUS	SPUD DATE	COMPLETION DATE	TD	PSTD	CASING	T.O.C.	ZONES & PERFORATIONS	HOLE SIZE
10 MCINTYRE 'G' FEDERAL #1	PHILLIPS	B SECTION 21-T178-R308, NW NW NE 330' FWL & 2310' FWL	PRODUCING	UNKNOWN <i>12/2</i>	UNKNOWN	2591	2591	8 5/8" @ 520' W/? SX 7" @ 2526 W/? SX	UNKNOWN UNKNOWN	GRAYBURG; OPEN HOLE 2526-2591	10.000 8.750
11 BERRY 'A' FEDERAL #1	DANSON	C SECTION 21-T178-R308, NW NE NW 330' FWL & 1650' FWL	PRODUCING	3-12-36	6-6-36	3170	3170	8 1/2" @ 515 W/50 SX 7" @ 2620 W/100 SX	194, CALC 1190, CALC	GRAYBURG; OPEN HOLE 2620-3170	12.250 7.675
12 BERRY 'A' FEDERAL #5	DANSON	C SECTION 21-T178-R308, SE NE NW 990' FWL & 2200' FWL	PRODUCING	6-14-80	8-5-80	3642	3615	8 5/8" @ 516 W/350 SX 4 1/2" @ 3642 W/475 SX 302'D W/6950 SX @ 2168	SURFACE, VIS 1525, CALC	SAN ANDRES; 2697-2950 3218-36, 3284-3321	12.250 7.675
13 MCINTYRE 'C' #1	HUNDO	D SECTION 21-T178-R308, NE NW NW 330' FWL & 990' FWL	PRODUCING	UNKNOWN <i>5/29</i>	10-8-36	3218	3218	10" @ 518 W/? SX 7" @ 2600 W/? SX 302'D W/1700 SX @ 1500'	SURFACE, VIS SURFACE, VIS	GRAYBURG; OPEN HOLE 2600-3218	12.250 7.675
14 MCINTYRE FEDERAL #2-6	PHILLIPS	G SECTION 21-T178-R308, NW SW NE 1650' FWL & 2310' FWL	PRODUCING	5-29-72	6-20-72	3624	2600	8 5/8" @ 560 W/100 SX 4 1/2" @ 3625 W/500 SX 302'D W/150 SX	314, CALC 1396, CALC	SEVEN KIVERS; 1764-68, 1764-80 SO2'D OFF GRAYBURG & SAN ANDRES 2605-3532	12.250 7.675

*Checked w/ Phillips
& Hendon on these
wells completed
as follows:*

*McIntyre 'G' No. 1 8 1/4" @ 527 w/ 50 SX
7" @ 2617 w/ 100 SX*

*McIntyre 'C' No. 1 10 3/4" @ 518 w/ 50 SX
7" @ 2600 w/ 100 SX
CBL - 700 @ 1590*

McIntyre 'E' #4
ARCO
'A' Section 21-T17S-R30E

330' FNL & 990' FEL

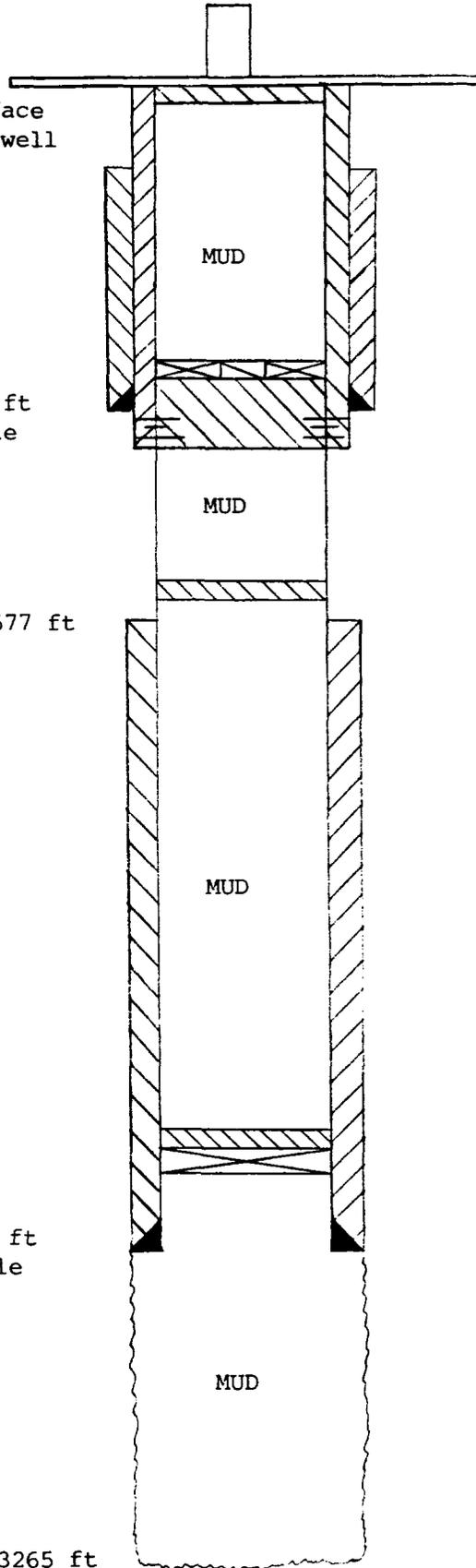
Cement circulated to surface
between 9 5/8" & 7" when well
was P & A'd

9 5/8" surface csg @ 520 ft
cmt'd with 50 sx, 12" hole

TOC @ 1677 ft

7" production csg @ 2918 ft
cmt'd with 100 sx, 8" hole

TD @ 3265 ft



P & A'd 3-26-76
P & A Marker

10 sx cmt at surface

TOC @ 339 ft, surface job

Cmt retainer @ 460 ft

Shot 4 sqz holes @ 520 ft
Pumped 70 sx cmt, circ to
surface

Spotted 20 sx cmt, 100 ft
from 1500 to 1600 ft

CIBP @ 2850 ft with 10 sx
cmt on top

McIntyre 'D' #11
Sinclair Oil & Gas Co.
'A' Section 21-T17S-R30E

660' FNL & 660' FEL

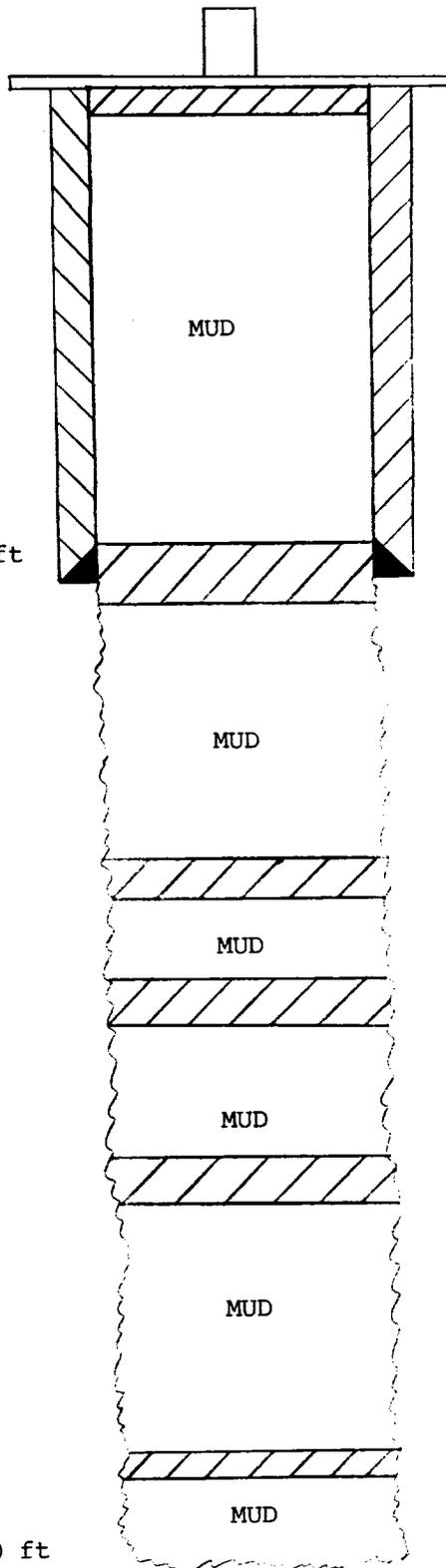
P&A'd 1-12-61

Dry Hole Marker

15 sx cmt plug at top

Cmt circulated on surface casing job

8 5/8" surface csg @ 1240 ft
cmt'd with 400 sx



31 sx plug from 1200 to
1300 ft, 100 ft plug

31 sx plug from 2100 to
2200 ft, 100 ft plug

31 sx plug from 2800 to
2900 ft, 100 ft plug

31 sx plug from 4300 to
4400 ft, 100 ft plug

31 sx plug from 6635 to
6735 ft, 100 ft plug

TD @ 7000 ft

SECTION VII

Devon Energy Corporation
Etz State Unit
Eddy County, New Mexico

C-108 Permit

Section VII

1. The proposed rates are as follows:

a. Proposed average daily injection rates:

1. 1200 BWPD for the project
2. 200 BWPD per well

b. Proposed maximum daily injection rates:

1. 2400 BWPD for the project
2. 400 BWPD per well

c. Proposed volumes:

1. 36,000 bbls of water per month for the project
2. 6,000 bbls of water per month per well

Note: All 'Project' rates and volumes include the two new injection wells sought by this permit, and the four injection wells previously permitted.

2. The system is a closed system.

3. The proposed injection pressures are as follows:

a. Maximum allowed pressure: 450 psi above unit average frac pressure, as determined by step rate tests on all unit injection wells. Please reference Anadarko's Ballard GSA Unit Waterflood Project, Case #9364, Order #R-7773-A, which concerns the same formation and field, and in which Devon Energy has a working interest. The four existing injection wells have an average frac point of 1142 psi wellhead pressure; therefore, the proposed maximum pressure is 1592 psi.

b. Proposed average injection pressure: 1142 psi.

4. Addressed by previous application. No change.

5. Not applicable.

P 887 484 765
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

RECEIVED

JUN 07 '89

O. C. D.
 ARTESIA, OFFICE

Sent to Texaco, Inc.	
Attention: Mr. S. L. Chandler	
Box 3109	
P. O. State and ZIP Code Midland, Texas 79702	
Postage	\$
Certified Fee	*
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date CM 6/2/89 Collier Federal No. 1	

PS Form 3800, June 1985

P 887 484 764
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

Sent to Bureau of Land Management	
Attention: District Manager	
P. O. Box 1397	
P. O. State and ZIP Code Roswell, New Mexico 88201	
Postage	\$
Certified Fee	*
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date CM 6/2/89 Collier Federal No. 1	

PS Form 3800, June 1985

P 887 484 767
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

Sent to Anadarko Petroleum Company	
Attention: Mr. Bill Griffin	
P. O. Box 2497	
P. O. State and ZIP Code 400 W. Illinois	
Postage	\$
Certified Fee	*
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date CM 6/2/89 Collier Feder No. 1	

PS Form 3800, June 1985

P 887 484 766
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

Sent to Phillips Petroleum Company	
Attention: Mr. David Brown	
4001 Penbrook	
P. O. State and ZIP Code Odessa, Texas 79762	
Postage	\$
Certified Fee	*
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date CM 6/2/89 Collier Feder No. 1	

PS Form 3800, June 1985

P 887 484 768

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to Marbob Energy Corporation	
Attention: Ms. Debra Rich	
P. O. Drawer 217	
P.O. State and ZIP Code Artesia, New Mexico 88210	
Postage	\$
Certified Fee	*
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date CM 6/2/89	
Collier Federal No. 1	

PS Form 3800, June 1985

P 887 484 769

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to Anne Burnett Testamentary Trust	
C/o Gunnett Oil Company	
801 Cherry Street	
Port Worth, Texas 76102	
Postage	\$
Certified Fee	*
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date CM 6/2/89	
Collier Federal No. 1	

PS Form 3800, June 1985

DEVON
ENERGY
CORPORATION

1500 Mid-America Tower
20 North Broadway
Oklahoma City, Oklahoma 73102-8260

405/235-3611
TWX 910-831-3277

June 2, 1989

RECEIVED

JUN 07 '89

O. C. D.
ARTESIA, OFFICE

CERTIFIED -- RETURN RECEIPT REQUESTED

TO: ADDRESS LIST ATTACHED

Re: Collier Federal No. 1
660' FNL & 660' FEL
Section 17, T17S, R30E
Eddy County, New Mexico
Notice of Application for
Authority to Inject,
New Mexico Oil Conservation Division
Form C-108

Gentlemen:

As required by Rule 701 of the New Mexico Oil Corporation Division, Devon Energy Corporation (Nevada), ("Devon") is hereby supplying you with a copy of its Oil Conservation Division Form C-108, Application for Authorization to Inject relating to Devon's plans to inject fresh water into the Grayburg formation through the above referenced well.

Yours very truly,



Carter Muire
District Landman

CM/gc

Enclosure

ADDRESSEE LIST
COLLIER FEDERAL NO. 1

Anne Burnett Testamentary Trust
c/o Burnett Oil Company
801 Cherry Street
Fort Worth, Texas 76102

Attention: Mr. John McPhaul

Marbob Energy Corporation
P. O. Drawer 217
Artesia, New Mexico 88210

Attention: Ms. Debra Rich

Anadarko Petroleum Company
P. O. Box 2497
400 W. Illinois
Suite 1300
Midland, Texas

Attention: Mr. Bill Griffin

Phillips Petroleum Company
4001 Penbrook
Odessa, Texas 79762

Attention: Mr. David Brown

Texaco, Inc.
Box 3109
Midland, Texas 79702

Attention: Mr. S. L. Chandler

Bureau of Land Management
P. O. Box 1397
Roswell, New Mexico 88201

Attention: District Manager

P 887 484 761

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

RECEIVED

JUN 07 '89

Sent to	
Bearing Service and Supply Comp:	
Attention: Mr. Loy G. Fletcher	
P. O. Box 100	
Artesia, New Mexico 88210	
Postage	\$
Certified Fee	*
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	
CM 6/2/89	
Etz "J" State	

PS Form 3800, June 1985

P 887 484 757

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to	
State of New Mexico	
Division of State Lands Office	
Attention: Director Oil & Gas	
P. O. State and ZIP Code	
P. O. Box 1148	
Santa Fe, New Mexico 87504-1148	
Postage	\$
Certified Fee	*
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	
CM 6/2/89	
Etz "J" State	

PS Form 3800, June 1985

P 887 484 759

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to	
C. E. LaRue and B. N. Muncey,	
P. O. Box 470	
Artesia, New Mexico 88210	
P. O. State and ZIP Code	
Postage	\$
Certified Fee	*
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	
CM 6/2/89	
Etz "J" State	

PS Form 3800, June 1985

P 887 484 760

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to	
Danson Oil Corporation	
Attention: Mr. Charles Gleeson	
P. O. Box 4391	
Houston, Texas 77210	
P. O. State and ZIP Code	
Postage	\$
Certified Fee	*
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	
CM 6/2/89	
Etz "J" State	

PS Form 3800, June 1985

P 887 484 762

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Southland Royalty Company	
Attention: Mr. Arden Walker	
21 Dosta Drive	
Midland, Texas 79701	
Postage	\$
Certified Fee	*
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date CM 6/2/89 Etz "J" State	

PS Form 3800, June 1985

P 887 484 758

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Hondo Oil and Gas Company	
Attention: Mr. Gene Whitworth	
P. O. Box 2208	
Roswell, New Mexico 88202	
Postage	\$
Certified Fee	*
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date CM 6/2/89 Etz "J" State	

PS Form 3800, June 1985

P 887 484 770

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Phillips Petroleum Company	
Attention: David Brown	
4001 Penbrook	
Odessa, Texas 79762	
Postage	\$
Certified Fee	*
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date CM 6/2/89 ETZ "J" State	

PS Form 3800, June 1985

DEVON
ENERGY
CORPORATION

1500 Mid-America Tower
20 North Broadway
Oklahoma City, Oklahoma 73102-8260

405/235-3611
TWX 910-831-3277

RECEIVED

June 2, 1989

JUN 07 '89

O. C. D.
ARTESIA, OFFICE

CERTIFIED -- RETURN RECEIPT REQUESTED

TO: ADDRESS LIST ATTACHED

Re: Etz "J" State
990' FSL & 2310' FEL
Section 16: T17S, R30E
Eddy County, New Mexico
Notice of Application for
Authority to Inject
New Mexico Oil Conservation Division
Form C-108

Gentlemen:

As required by Rule 701 of the New Mexico Oil Corporation Division, Devon Energy Corporation (Nevada), ("Devon") is hereby supplying you with a copy of its Oil Conservation Division Form C-108, Application for Authorization to Inject relating to Devon's plans to inject fresh water into the Grayburg formation through the above referenced well.

Yours very truly,



Carter Muire
District Landman

CM/gc

Enclosure

ADDRESSEE LIST
ETZ "J" STATE

Phillips Petroleum Company
4001 Penbrook
Odessa, Texas 79762

Attention: David Brown

Southland Royalty Company
21 Desta Drive
Midland, Texas 79701

Attention: Mr. Arden Walker

Bearing Service and Supply Company
P. O. Box 100
Artesia, New Mexico 88210

Attention: Mr. Loy G. Fletcher

Damson Oil Corporation
P. O. Box 4391
Houston, Texas 77210

Attention: Mr. Charles Gleeson

C. E. LaRue and B. N. Muncey, Jr.
P. O. Box 470
Artesia, New Mexico 88210

Hondo Oil and Gas Company
P. O. Box 2208
Roswell, New Mexico 88202

Attention: Mr. Gene Whitworth

State of New Mexico
Division of State Lands Office
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Attention: Director Oil & Gas Division

UNIT AGREEMENT
ETZ STATE UNIT
EDDY COUNTY, NEW MEXICO

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BEFORE EXAMINER CATANACH
OIL CONSERVATION DIVISION

Devon EXHIBIT NO. 8

CASE NO. 9734

UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION
OF THE
ETZ STATE UNIT
EDDY COUNTY, NEW MEXICO

THIS AGREEMENT, entered into as of the _____ day of _____, 1989, by and between the parties subscribing, ratifying, or consenting hereto, and herein referred to as the "parties hereto,"

WITNESSETH:

WHEREAS, the parties hereto are the owners of working, royalty, or other oil and gas interests in the Unit Area subject to this Agreement; and

WHEREAS, the Mineral Leasing Act of February 25, 1920, 41 Stat. 437, as amended, 30 U.S.C. Secs. 181 et seq., authorizes Federal lessees and their representatives to unite with each other, or jointly or separately with others, in collectively adopting and operating a cooperative or unit plan of development or operation of any oil or gas pool, field, or like area, or any part thereof for the purpose of more properly conserving the natural resources thereof whenever determined and certified by the Secretary of the Interior to be necessary or advisable in the public interest; and

WHEREAS, the Commissioner of Public Lands of the State of New Mexico is authorized by an Act of the Legislature (Section 1, Chapter 88, Laws 1943, as amended by Section 1 of Chapter 176, Laws of 1961) (Chapter 19, Article 10, Section 45, New Mexico Statutes 1978 Annotated), to consent to and approve the development or operation of State lands under agreements made by lessees of State land jointly or severally with other lessees where such agreements provide for the unit operation or development of part of or all of any oil or gas pool, field or area; and

WHEREAS, the Commissioner of Public Lands of the State of New Mexico is authorized by an Act of the Legislature (Section 1, Chapter 88, Laws 1943, as amended by Section 1, Chapter 162, Laws of 1951) (Chapter 19, Article 10, Section 47, New Mexico Statutes 1978 Annotated) to amend with the approval of lessee, evidenced by the lessee's execution of such agreement or otherwise, any oil and gas lease embracing State lands so that the length of the term of said lease may coincide with the term of such agreements for the unit operation and development of part or all of any oil or gas pool, field or area; and

WHEREAS, the Oil Conservation Division of the State of New Mexico (hereinafter referred to as the "Division") is authorized by an Act of the Legislature (Chapter 72, Laws of 1935 as amended) (Chapter 70, Article 2, Section 2 et seq., New Mexico Statutes 1978 Annotated) to approve this Agreement and the conservation provisions hereof; and

WHEREAS, the Oil Conservation Division of the Energy and Minerals Department of the State of New Mexico is authorized by law (Chapter 65, Article 3 and Article 14, N.M.S. 1953 Annotated) to approve this Agreement and the conservation provisions hereof; and

WHEREAS, the parties hereto hold sufficient interest in the Unit Area covering the land hereinafter described to give reasonably effective control of operation therein; and

WHEREAS, it is the purpose of the parties hereto to conserve natural resources, prevent waste, and secure other benefits obtainable through development and operation of the area subject to this Agreement under the terms, conditions, and limitations herein set forth;

NOW, THEREFORE, in consideration of the premises and the promises herein contained, the parties hereto commit to this Agreement their respective interest in the below-defined Unit Area, and agree severally among themselves as follows:

SECTION 1. ENABLING ACT AND REGULATIONS. The Mineral Leasing Act of February 25, 1920, as amended, supra, and all valid pertinent regulations, including operating and unit plan regulations, heretofore issued thereunder or valid, pertinent, and reasonable regulations hereafter issued thereunder are accepted and made a part of this Agreement as to Federal lands, provided such regulations are not inconsistent with the terms of this Agreement; and as to non-Federal lands, the oil and gas operating regulations in effect as of the Effective Date hereof governing drilling and producing operations, not inconsistent with the terms hereof or the laws of the state in which the non-Federal land is located, are hereby accepted and made a part of this Agreement.

SECTION 2. UNIT AREA AND DEFINITIONS. For the purpose of this Agreement, the following terms and expressions as used herein shall mean:

(a) "Unit Area" is defined as those lands described in Exhibit "B" and depicted on Exhibit "A" hereof, and such land is hereby designated and recognized as constituting the Unit Area, containing 640 acres, more or less, in Eddy County, New Mexico.

(b) "Land Commissioner" is defined as the Commissioner of Public Lands of the State of New Mexico.

(c) "Division" is defined as the Oil Conservation Division of the Department of Energy and Minerals of the State of New Mexico.

(d) "Authorized Officer" or "A.O." is any employee of the Bureau of Land Management who has been delegated the required authority to act on behalf of the BLM.

(e) "Secretary" is defined as the Secretary of the Interior of the United States of America, or his duly authorized delegate.

(f) "Department" is defined as the Department of the Interior of the United States of America.

(g) "Proper BLM Office" is defined as the Bureau of Land Management office having jurisdiction over the federal lands included in the Unit Area.

(h) "Unitized Formation" shall mean that interval underlying the Unit Area, the vertical limits of which extend from an upper limit described as 100 feet below mean sea level or at the top of the Grayburg formation, whichever is higher, to a lower limit at the base of the San Andres formation; the geologic markers having been previously found to occur at 2,474 feet and 2,770 feet, respectively, in Devon Energy Corporation's Etz State No. 23 well (located 990 feet FSL and 1650 feet FWL of Section 16, T17S, R30E, Eddy County, New Mexico) as recorded on the Dresser Atlas BHC Acoustilog recorded on November 25, 1972, said log being measured from a Kelly bushing elevation of 3,673 feet above mean sea level.

(i) "Unitized Substances" are all oil, gas, gaseous substances, sulphur contained in gas, condensate, distillate and all associated and constituent liquid or liquefiable hydrocarbons, other than outside substances, within and produced from the Unitized Formation.

(j) "Tract" is each parcel of land described as such and given a Tract number in Exhibit "B."

(k) "Tract Participation" is defined as the percentage of participation shown on Exhibit "B" for allocating Unitized Substances to a Tract under this Agreement.

(l) "Unit Participation" is the sum of the percentages obtained by multiplying the Working Interest of a Working Interest Owner in each Tract by the Tract Participation of such Tract.

*of the
stratigraphic
formation - g
the geologic markers
have been
previously
found
at*

(m) "Working Interest" is the right to search for, produce and acquire Unitized Substances whether held as an incident of ownership of mineral fee simple title, under an oil and gas lease, operating agreement, or otherwise held, which interest is chargeable with and obligated to pay or bear, either in cash or out of production, or otherwise, all or a portion of the cost of drilling, developing and producing the Unitized Substances from the Unitized Formation and operations thereof hereunder. Provided that any royalty interest created out of a working interest subsequent to the execution of this Agreement by the owner of the working interest shall continue to be subject to such working interest burdens and obligations.

(n) "Working Interest Owner" is any party hereto owning a Working Interest, including a carried working interest owner, holding an interest in Unitized Substances by virtue of a lease, operating agreement, fee title or otherwise. The owner of oil and gas rights that are free of lease or other instrument creating a Working Interest in another shall be regarded as a Working Interest Owner to the extent of seven-eighths (7/8) of his interest in Unitized Substances, and as a Royalty owner with respect to his remaining one-eighth (1/8) interest therein.

(o) "Royalty Interest" or "Royalty" is an interest other than a Working Interest in or right to receive a portion of the Unitized Substances or the proceeds thereof and includes the royalty interest reserved by the lessor or by an oil and gas lease and any overriding royalty interest, oil payment interest, net profit contracts, or any other payment or burden which does not carry with it the right to search for and produce unitized substances.

(p) "Royalty Owner" is the owner of a Royalty Interest.

(q) "Unit Operating Agreement" is the agreement entered into by and between the Unit Operator and the Working Interest Owners as provided in Section 9, infra, and shall be styled "Unit Operating Agreement, Etz State Unit, Eddy County, New Mexico."

(r) "Oil and Gas Rights" is the right to explore, develop and operate lands within the Unit Area for the production of Unitized Substances, or to share in the production so obtained or the proceeds thereof.

(s) "Outside Substances" is any substance obtained from any source other than the Unitized Formation and injected into the Unitized Formation.

(t) "Unit Manager" is any person or corporation appointed by Working Interest Owners to perform the duties of Unit Operator until the selection and qualification of a successor Unit Operator as provided for in Section 7 hereof.

(u) "Unit Operator" is the party designated by Working Interest Owners under the Unit Operating Agreement to conduct Unit Operations.

(v) "Unit Operations" is any operation conducted pursuant to this Agreement and the Unit Operating Agreement.

(w) "Unit Equipment" is all personal property, lease and well equipment, plants, and other facilities and equipment taken over or otherwise acquired for the joint account for use in Unit Operations.

(x) "Unit Expense" is all cost, expense, or indebtedness incurred by Working Interest Owners or Unit Operator pursuant to this Agreement and the Unit Operating Agreement for or on account of Unit Operations.

(y) "Effective Date" is the date determined in accordance with Section 24, or as redetermined in accordance with Section 39.

SECTION 3. EXHIBITS. the following exhibits are incorporated herein by reference: Exhibit "A" attached hereto is a map showing the Unit Area and the boundaries and identity of tracts and leases in said Unit Area to the extent known to the Unit Operator. Exhibit "B" attached hereto is a schedule

showing, to the extent known to the Unit Operator, the acreage comprising each Tract, percentages and kind of ownership of oil and gas interests in all land in the Unit Area, and Tract Participation of each Tract. However, nothing herein or in said schedule or map shall be construed as a representation by any party hereto as to the ownership of any interest other than such interest or interests as are shown in said map or schedule as owned by such party. The shapes and descriptions of the respective Tracts have been established by using the best information available. Each Working Interest Owner is responsible for supplying Unit Operator with accurate information relating to each Working Interest Owner's interest. If it subsequently appears that any Tract, because of diverse royalty or working interest ownership on the Effective Date hereof, should be divided into more than one Tract, or when any revision is requested by the A.O., or any correction of any error other than mechanical miscalculations or clerical is needed, then the Unit Operator, with the approval of the Working Interest owners, may correct the mistake by revising the exhibits to conform to the facts. The revision shall not include any reevaluation of engineering or geological interpretations used in determining Tract Participation. Each such revision of an exhibit made prior to thirty (30) days after the Effective Date shall be effective as of the Effective Date. Each other such revision of an exhibit shall be effective at 7:00 a.m. on the first day of the calendar month next following the filing for record of the revised exhibit or on such other date as may be determined by Working Interest Owners and set forth in the revised exhibit. Copies of such revision shall be filed with the Land Commissioner, and not less than four copies shall be filed with the A.O. In any such revision, there shall be no retroactive allocation or adjustment of Unit Expense or of interests in the Unitized Substances produced, or proceeds thereof.

SECTION 4. EXPANSION. The above described Unit Area may, with the approval of the A.O. and Land Commissioner, when practicable be expanded to include therein any additional Tract or Tracts regarded as reasonably necessary or advisable for the purposes of this Agreement provided however, in such expansion there shall be no retroactive allocation or adjustment of Unit Expense or of interests in the Unitized Substances produced, or proceeds thereof. Pursuant to Subsection (b), the Working Interest Owners may agree upon an adjustment of investment by reason of the expansion. Such expansion shall be effected in the following manner:

(a) The Working Interest Owner or Owners of a Tract or Tracts desiring to bring such Tract or Tracts into this unit, shall file an application therefor with Unit Operator requesting such admission.

(b) Unit Operator shall circulate a notice of the proposed expansion to each Working Interest Owner in the Unit Area and in the Tract proposed to be included in the unit, setting out the basis for admission, the Tract Participation to be assigned to each Tract in the enlarged Unit Area and other pertinent data. After negotiation (at Working Interest owners' meeting or otherwise) if at least three Working Interest Owners having in the aggregate seventy-five percent (75%) of the Unit Participation then in effect have agreed to inclusion of such Tract or Tracts in the Unit Area, then Unit Operator shall:

(1) After obtaining preliminary concurrence by the A.O. and Land Commissioner, prepare a notice of proposed expansion describing the contemplated changes in the boundaries of the Unit Area, the reason therefor, the basis for admission of the additional Tract or Tracts, the Tract Participation to be assigned thereto and the proposed effective date thereof; and

(2) Deliver copies of said notice to Land Commissioner, the A. O. at the Proper BLM Office, each Working Interest Owner and the last known address of each lessee and lessor whose interest are affected, advising such parties that thirty (30) days will be allowed for submission to the Unit Operator of any objection to such proposed expansion; and

(3) File, upon the expiration of said thirty (30) day period as set out in (2) immediately above with the Land Commissioner and A.O. the following: (a) evidence of mailing or delivering copies of said notice of expansion; (b) an application for approval of such expansion; (c) an instrument containing the appropriate joinders in compliance with the participation requirements of Section 14 and Section 34, infra; and (d) a copy of all objections received along with the Unit Operator's response thereto.

The expansion shall, after due consideration of all pertinent information and approval by the Land Commissioner and the A.O., become effective as of the date prescribed in the notice thereof, preferably the first day of the month subsequent to the date of notice. The revised Tract Participation of the respective Tracts included within the Unit Area prior to such enlargement shall remain the same ratio one to another.

SECTION 5. UNITIZED LAND. All land committed to this Agreement as to the Unitized Formation shall constitute land referred to herein as "Unitized Land" or "Land subject to this Agreement." Nothing herein shall be construed to unitize, pool, or in any way affect the oil, gas and other minerals contained in or that may be produced from any formation other than the Unitized Formation as defined in Section 2(h) of this Agreement.

SECTION 6. UNIT OPERATOR. Devon Energy Corporation (Nevada) is hereby designated the Unit Operator, and by signing this instrument as Unit Operator, agrees and consents to accept the duties and obligations of Unit Operator for the operation, development, and production of Unitized Substances as herein provided. Whenever reference is made herein to the Unit Operator, such reference means the Unit Operator acting in that capacity and not as an owner of interest in Unitized Substances, when such interests are owned by it and the term "Working Interest Owner" when used herein shall include or refer to the Unit Operator as the owner of a Working Interest when such an interest is owned by it.

Unit Operator shall have a lien upon interests of Working Interest Owners in the Unit Area to the extent provided in the Unit Operating Agreement.

SECTION 7. RESIGNATION OR REMOVAL OF UNIT OPERATOR. Unit operator shall have the right to resign at any time, but such resignation shall not become effective so as to release Unit Operator from the duties and obligations of Unit Operator and terminate Unit Operator's rights as such for a period of six (6) months after written notice of intention to resign has been given by Unit Operator to all Working Interest Owners, the Land Commissioner and the A.O. unless a new Unit Operator shall have taken over and assumed the duties and obligations of Unit Operator prior to the expiration of said period.

The Unit Operator shall, upon default or failure in the performance of its duties and obligations hereunder, be subject to removal by Working Interest Owners having in the aggregate eighty percent (80%) or more of the Unit Participation then in effect exclusive of the Working Interest Owner who is the Unit Operator. Such removal shall be effective upon notice thereof to the Land Commissioner and the A.O.

In all such instances of effective resignation or removal, until a successor to Unit Operator is selected and approved as hereinafter provided, the Working Interest Owners shall be jointly responsible for the performance of the duties of the Unit Operator and shall, not later than thirty (30) days before such resignation or removal becomes effective, appoint a Unit Manager to represent them in any action to be taken hereunder.

The resignation or removal of Unit Operator under this Agreement shall not terminate its right, title or interest as the owner of a Working Interest or other interest in Unitized Substances, but upon the resignation or removal of Unit Operator becoming effective, such Unit Operator shall deliver possession of all wells, equipment, books and records, materials, appurtenances and any other assets used in connection with the Unit Operations to the new duly qualified successor Unit Operator or to the Unit

Manager if no such new Unit Operator is elected. Nothing herein shall be construed as authorizing the removal of any material, equipment or appurtenances needed for the preservation of any wells. Nothing herein contained shall be construed to relieve or discharge any Unit Operator or Unit Manager who resigns or is removed hereunder from any liability or duties accruing or performable by it prior to the effective date of such resignation or removal.

SECTION 8. SUCCESSOR UNIT OPERATOR. Whenever the Unit Operator shall tender its resignation as Unit Operator or shall be removed as hereinabove provided, the Working Interest Owners shall select a successor Unit Operator as herein provided. Such selection shall not become effective until (a) a Unit Operator so selected shall accept in writing the duties and responsibilities of Unit Operator, and (b) the selection shall have been approved by the Land Commissioner and the A.O. If no successor Unit Operator or Unit Manager is selected and qualified as herein provided, the Land Commissioner and/or the A.O., at their election, may declare this Agreement terminated.

In selecting a successor Unit Operator, the affirmative vote of three or more Working Interest Owners having a total of sixty-five percent (65%) or more of the total Unit Participation shall prevail; provided that if any one Working Interest Owner has a Unit Participation of more than thirty-five percent (35%), its negative vote or failure to vote shall not be regarded as sufficient unless supported by the vote of one or more other Working Interest Owners having a total Unit Participation of at least five percent (5%). If the Unit Operator who is removed votes only to succeed itself or fails to vote, the successor Unit Operator may be selected by the affirmative vote of the owners of at least seventy-five percent (75%) of the Unit Participation remaining after excluding the Unit Participation of Unit Operator so removed.

SECTION 9. ACCOUNTING PROVISIONS AND UNIT OPERATING AGREEMENT. Costs and expenses incurred by Unit Operator in conducting Unit Operations hereunder shall be paid, apportioned among and borne by the Working Interest Owners in accordance with the Unit Operating Agreement. Such Unit Operating Agreement shall also provide the manner in which the Working Interest Owners shall be entitled to receive their respective proportionate and allocated share of the benefits accruing hereto in conformity with their underlying operating agreements, leases or other contracts and such other rights and obligations as between Unit Operator and the Working Interest Owners as may be agreed upon by the Unit Operator and the Working Interest Owners; however, no such Unit Operating Agreement shall be deemed either to modify any of the terms and conditions of this Agreement or to relieve the Unit Operator of any right or obligation established under this Agreement, and in case of any inconsistency or conflict between this Agreement and the Unit Operating Agreement, this Agreement shall prevail. Copies of any Unit Operating Agreement executed pursuant to this Section shall be filed with the Land Commissioner and with the A. O. at the Proper BLM Office as required prior to approval of this Agreement.

SECTION 10. RIGHTS AND OBLIGATIONS OF UNIT OPERATOR. Except as otherwise specifically provided herein, the exclusive right, privilege and duty of exercising any and all rights of the parties hereto including surface rights which are necessary or convenient for prospecting for, producing, storing, allocating and distributing the Unitized Substances are hereby delegated to and shall be exercised by the Unit Operator as herein provided. Upon request, acceptable evidence of title to said rights shall be deposited with said Unit Operator, and together with this Agreement, shall constitute and define the rights, privileges and obligations of Unit Operator. Nothing herein, however, shall be construed to transfer title to any land or to any lease or operating agreement, it being understood that under this Agreement the Unit Operator, in its capacity as Unit Operator, shall exercise the rights of possession and use vested in the parties hereto only for the purposes herein specified.

SECTION 11. PLAN OF OPERATIONS. It is recognized and agreed by the parties hereto that all of the land subject to this Agreement is reasonably proved to be productive of Unitized Substances and that the object and purpose of this Agreement is to formulate and to put into effect an improved recovery project in order to effect additional recovery of Unitized Substances, prevent waste and conserve natural resources. Unit Operator shall have the right to inject into the Unitized Formation any substances for secondary recovery or enhanced recovery purposes in accordance with a plan of operation approved by the Working Interest Owners, the A.O., the Land Commissioner and the Division, including the right to drill and maintain injection wells on the Unitized Land and completed in the Unitized Formation, and to use abandoned well or wells producing from the Unitized Formation for said purpose. Subject to like approval, the Plan of Operation may be revised as conditions may warrant.

The initial Plan of Operation shall be filed with the A.O., the Land Commissioner and the Division concurrently with the filing of this Unit Agreement for final approval. Said initial plan of operations and all revisions thereof shall be as completed and adequate as the A.O., the Land Commissioner and the Division may determine to be necessary for timely operation consistent herewith. Upon approval of this Agreement and the initial plan by the A.O. and Commissioner, said plan, and all subsequently approved plans, shall constitute the operating obligations of the Unit Operator under this Agreement for the period specified therein. Thereafter, from time to time before the expiration of any existing plan, the Unit Operator shall submit for like approval a plan for an additional specified period of operations. After such operations are commenced, reasonable diligence shall be exercised by the Unit Operator in complying with the obligations of the approved Plan of Operation.

Notwithstanding anything to the contrary herein contained, should the Unit Operator fail to commence Unit Operations for the secondary recovery of Unitized Substances from the Unit Area within eighteen (18) months after the effective date of this Agreement, or any extension thereof approved by the A.O., this Agreement shall terminate automatically as of the date of default.

SECTION 12. USE OF SURFACE AND USE OF WATER. The parties to the extent of their rights and interests, hereby grant to Unit Operator the right to use as much of the surface, including the water thereunder, of the Unitized Land as may reasonably be necessary for Unit Operations.

Unit Operator's free use of water or brine or both for Unit Operations, shall not include any water from any well, lake, pond or irrigation ditch of a surface owner, unless approval for such use is granted by the surface owner.

Unit Operator shall pay the surface owner for damages to growing crops, fences, improvements and structures on the Unitized Land that result from Unit Operations, and such payments shall be considered as items of unit expense to be borne by all of the Working Interest Owners of lands subject hereto.

SECTION 13. TRACT PARTICIPATION. In Exhibit "B" attached hereto there are listed and numbered the various Tracts within the Unit Area, and set forth opposite each Tract are figures which represent the Tract Participation, during Unit Operations if all Tracts in the Unit Area qualify as provided herein. The Tract Participation of each Tract as shown in Exhibit "B" was determined in accordance with the formula and specific tract parameters set forth on Exhibit "C" attached hereto.

In the event less than all Tracts are qualified on the Effective Date hereof, the Tract Participation shall be calculated on the basis of all such qualified Tracts rather than all Tracts in the Unit Area.

SECTION 14. TRACTS QUALIFIED FOR PARTICIPATION. On and after the Effective Date hereof, the Tracts within the Unit Area which shall be entitled to participation in the production of Unitized Substances shall be those Tracts more particularly described in Exhibit "B" that corner or have a common boundary (Tracts separated only by a public road or a railroad right-of-way shall be considered to have a common boundary), and that otherwise qualify as follows:

(a) Each Tract as to which Working Interest Owners owning one hundred percent (100%) of the Working Interest have become parties to this Agreement and as to which Royalty Owners owning seventy-five percent (75%) or more of the Royalty Interest have become parties to this Agreement.

(b) Each Tract as to which Working Interest Owners owning one hundred percent (100%) of the Working Interest have become parties to this agreement, and as to which Royalty Owners owning less than seventy-five percent (75%) of the Royalty Interest have become parties to this Agreement, and as to which (1) the Working, Interest Owner who operates the Tract and Working Interest Owners owning at least seventy-five percent (75%) of the remaining Working Interest in such Tract have joined in a request for the inclusion of such Tract, and as to which (2) Working Interest Owners owning at least seventy-five percent (75%) of the combined Unit Participation in all Tracts that meet the requirements of Section 14(a) above have voted in favor of the inclusion of such tract.

(c) Each Tract as to which Working Interest Owners owning less than one hundred percent (100%) of the Working Interest have become parties to this Agreement, regardless of the percentage of Royalty Interest therein that is committed hereto; and as to which (1) the Working Interest Owner who operates the Tract and Working Interest Owner owning at least seventy-five percent (75%) of the remaining Working Interest in such Tract who have become parties to this Agreement have joined in a request for inclusion of such Tract, and have executed and delivered, or obligated themselves to execute and deliver an indemnity agreement indemnifying and agreeing to hold harmless the other owners of committed Working Interests, their successors and assigns, against all claims and demands that may be made by the owners of Working Interest in such Tract who are not parties to this Agreement, and which arise out of the inclusion of the Tract; and as to which (2) Working Interest Owners owning at least seventy-five percent (75%) of the Unit Participation in all Tracts that meet the requirements of Section 14(a) and 14(b) have voted in favor of the inclusion of such Tract and to accept the indemnity agreement. Upon the inclusion of such a Tract, the Tract Participations which would have been attributed to the nonsubscribing owners of Working Interest in such Tract, had they become parties to this Agreement and the Unit Operating Agreement, shall be attributed to the Working Interest Owners in such Tract who have become parties to such agreements, and joined in the indemnity agreement, in proportion to their respective Working Interests in the Tract.

If on the Effective Date of this Agreement there is any Tract or Tracts which have not been effectively committed to or made subject to this Agreement by qualifying as above provided, then such Tract or Tracts shall not be entitled to participate hereunder. Unit Operator shall, when submitting this Agreement for final approval by the Land Commissioner and the A.O., file therewith a schedule of those tracts which have been committed and made subject to this Agreement and are entitled to participate in Unitized Substances. Said schedule shall set forth opposite each such committed Tract the lease number or assignment number, the owner of record of the lease, and the percentage participation of such tract which shall be computed according to the participation formula set forth in Section 13 (Tract Participation) above. This schedule of participation shall be revised Exhibit "B" and upon approval thereof by the Land Commissioner and the A.O., shall become a part of this Agreement and shall govern the allocation of production of Unitized Substances until a new schedule is approved by the Land Commissioner and A.O.

SECTION 15.A. ALLOCATION OF UNITIZED SUBSTANCES. All Unitized Substances produced and saved (less, save and except any part of such Unitized Substances used in conformity with good operating practices on unitized land for drilling, operating, camp and other production or development purposes and for injection or unavoidable loss in accordance with a Plan of Operation approved by the A.O. and Land Commissioner) shall be apportioned among and allocated to the qualified Tracts in accordance with the respective Tract Participations effective hereunder during the respective periods such Unitized Substances were produced, as set forth in the schedule of participation in Exhibit "B." The amount of Unitized Substances so allocated to each Tract, and only that amount (regardless of whether it be more or less than the amount of the actual production of unitized Substances from the well or wells, if any, on such Tract) shall, for all intents, uses and purposes, be deemed to have been produced from such Tract.

The Unitized Substances allocated to each Tract shall be distributed among, or accounted for, to the parties entitled to share in the production from such Tract in the same manner, in the same proportions, and upon the same conditions, as they would have participated and shared in the production from such Tracts, or in the proceeds thereof, had this Agreement not been entered into; and with the same legal force and effect.

No Tract committed to this Agreement and qualified for participation as above provided shall be subsequently excluded from participation hereunder on account of depletion of Unitized Substances.

If the Working Interest and/or the Royalty Interest in any Tract are divided with respect to separate parcels or portions of such Tract and owned now or hereafter in severalty by different persons, the Tract Participation shall be in the absence of a recordable instrument executed by all owners in such Tract and furnished to Unit Operator fixing the divisions of ownership, be divided among such parcels or portions in proportion to the number of surface acres in each.

SECTION 15.B. WINDFALL PROFIT TAX. In order to comply with the Windfall Profit Tax Act of 1980, as amended, and applicable regulatins and to ensure that interest owners of each Tract retain the Windfall Profit Tax benefits accruing to each Tract prior to joining the Unit, for Windfall Profit Tax purposes only, crude oil shall be allocated to individual Tracts as follows:

SECTION 15.C. IMPUTED NEWLY DISCOVERED CRUDE OIL. Each Tract contributing newly discovered crude oil to the Unit Area, that is each Tract certified as a newly discovered property for Windfall Profit Tax purposes prior to joining the Unit (Newly Discovered Tract), shall be allocated imputed newly discovered crude oil in the proportion that the Tract Participation of such Tract bears to the total of the Tract Participations of all Newly discovered Tracts; provided, however, that imputed newly discovered crude oil allocated to any Tract under this Subsection 15.C. shall not exceed, in any month, the total number of barrels of crude oil allocable out of unit production to such Tract in accordance with its Tract Participation. In the event a Newly Discovered Tract is so allocated a number of barrels of imputed newly discovered crude oil which is less than the total number of barrels of crude oil allocable out of unit production to such Tract in accordance with its Tract Participation, then such Newly Discovered Tract shall be allocated any remaining unallocated newly discovered crude oil in the proportion that the Tract Participation of such Tract bears to the total of the Tract Participations of all Newly Discovered Tracts not previously so allocated the total number of barrels allocable out of unit production in accordance with their Tract Participations. This additional allocation process shall continue to be repeated, as outlined in the preceding sentence, until such time as:

(a) all Newly Discovered Tracts have been so allocated a number of barrels of imputed newly discovered crude oil equal to the total number of barrels of crude oil allocable out of unit production to such Tracts in accordance with their Tract Participations; or

(b) there is no imputed newly discovered crude oil remaining to be allocated,

whichever occurs first.

Any imputed newly discovered crude oil in excess of the amount of oil allocable to a Tract in accordance with this Subsection 15.C. shall be termed excess imputed newly discovered crude oil.

SECTION 15.D. IMPUTED STRIPPER CRUDE OIL. Each Tract contributing stripper crude oil to the Unit Area, that is, each Tract certified as a stripper property for Windfall Profit Tax purposes prior to joining the Unit (Stripper Tract), shall be allocated imputed stripper crude oil in the proportion that the Tract Participation of such Tract bears to the total of the Tract Participations of all Stripper Tracts; provided, however, that imputed stripper crude oil allocated to any Tract under this Subsection 15.D. shall not exceed, in any month, the total number of barrels of crude oil allocable out of unit production to such Tract in accordance with its Tract Participation. In the event a Stripper Tract is so allocated a number of barrels of imputed stripper crude oil which is less than the total number of barrels of crude oil allocable out of unit production to such Tract in accordance with its Tract Participation, then such Stripper Tract shall be allocated any remaining unallocated imputed stripper crude oil in the proportion that the Tract Participation of such Tract bears to the total of the Tract Participations of all Stripper Tracts not previously so allocated the total number of barrels allocable out of unit production in accordance with their Tract Participations. This additional allocation process shall continue to be repeated, as outlined in the preceding sentence until such time as:

(a) all Stripper Tracts have been so allocated a number of barrels of imputed stripper crude oil equal to the total number of barrels of crude oil allocable out of unit production to such Tracts in accordance with their Tract Participations; or

(b) there is no imputed stripper crude oil remaining to be allocated, whichever comes first.

Any imputed stripper crude oil in excess of the amount of oil allocable to a Tract in accordance with this Subsection 15.D. shall be termed excess imputed stripper crude oil.

SECTION 15.E. EXCESS IMPUTED NEWLY DISCOVERED CRUDE OIL. Each Tract shall be allocated any excess imputed newly discovered crude oil in the proportion that its Tract Participation bears to the total of the Tract Participations of all Tracts not previously allocated the total number of barrels of crude oil allocable to these Tracts out of unit production in accordance with the Tract Participations of such Tracts; provided, however, that excess imputed newly discovered crude oil allocated to each such Tract, when added to the total number of barrels of imputed newly discovered crude oil previously allocated to it, shall not exceed, in any month, the total number of barrels of oil allocable to it out of unit production in accordance with its Tract Participation.

SECTION 15.F. EXCESS IMPUTED STRIPPER CRUDE OIL. Each Tract shall be allocated any excess imputed Stripper crude oil in the proportion that its Tract Participation bears to the total of the Tract Participations of all Tracts not previously allocated the total number of crude oil barrels allocable to these Tracts out of unit production in accordance with the Tract Participations of such Tracts; provided, however, that excess imputed stripper crude oil allocated to each such Tract, when added to the total number of barrels of imputed stripper crude oil previously allocated to it, shall not exceed, in any month, the total number of barrels of oil allocable to it out of unit production in accordance with its Tract Participation.

SECTION 15.G. TAKING UNITIZED SUBSTANCES IN KIND. The Unitized Substances allocated to each Tract shall be delivered in kind to the respective parties entitled thereto by virtue of the ownership of oil and gas rights therein. Each such party shall have the right to construct, maintain and operate all necessary facilities for that purpose within the Unitized Area, provided the same are so constructed, maintained and operated as not to interfere with Unit Operations. Subject to Section 17 hereof, any extra expenditure incurred by Unit Operator by reason of the delivery in kind of any portion of the Unitized Substances shall be borne by the party taking delivery. In the event any Working Interest Owner shall fail to take or otherwise adequately dispose of its proportionate share of the production from the Unitized Formation, then so long as such condition continues, Unit Operator, for the account and at the expense of the Working Interest Owner of the Tract or Tracts concerned, and in order to avoid curtailing the operation of the Unit Area, may, but shall not be required to, sell or otherwise dispose of such production to itself or to others, provided that all contracts of sale by Unit Operator of any other party's share of Unitized Substances shall be only for such reasonable periods of time as are consistent with the minimum needs of the industry under the circumstances, but in no event shall any such contract be for a period in excess of one year, and at not less than the prevailing market price in the area for like production, and the account of such Working Interest Owner shall be charged therewith as having received such production. The net proceeds, if any, of the Unitized Substances so disposed of by Unit Operator shall be paid to the Working Interest Owner of the Tract or Tracts concerned. Notwithstanding the foregoing, Unit Operator shall not make a sale into interstate commerce of any Working Interest Owner's share of gas production without first giving such Working Interest Owner sixty (60) days' notice of such intended sale.

Any Working Interest Owner receiving in kind or separately disposing of all or any part of the Unitized Substances allocated to any Tract, or receiving the proceeds therefrom if the same is sold or purchased by Unit Operator, shall be responsible for the payment of all royalty, overriding royalty and production payments due thereon, and each such party shall hold each other Working Interest Owner harmless against all claims, demands and causes of action by owners of such royalty, overriding royalty and production payments.

If, after the Effective Date of this Agreement, there is any Tract or Tracts that are subsequently committed hereto, as provided in Section 4 (Expansion) hereof, or any Tract or Tracts within the Unit Area not committed hereto as of the Effective Date hereof but which are subsequently committed hereto under the provisions of Section 14 (Tracts Qualified for Participation) and Section 32 (Nonjoinder and Subsequent Joinder); or if any Tract is excluded from this Agreement as provided for in Section 21 (Loss of Title), the schedule of participation as shown in Exhibit "B" shall be revised by the Unit Operator; and the revised Exhibit "B," upon approval by the Land Commissioner and the A.O., shall govern the allocation of production on and after the effective date thereof until a revised schedule is approved as hereinabove provided.

SECTION 16. OUTSIDE SUBSTANCES. If gas obtained from formations not subject to this Agreement is introduced into the Unitized Formation for use in repressuring, stimulating of production or increasing ultimate recovery which shall be in conformity with a Plan of Operation first approved by the Land Commission and the A.O., a like amount of gas with appropriate deduction for loss or depletion from any cause may be withdrawn from unit wells completed in the Unitized Formation royalty free as to dry gas, but not royalty free as to the products extracted therefrom; provided that such withdrawal shall be at such time as may be provided in the approved Plan of Operator or as otherwise may be consented to or prescribed by the Land Commissioner and the A.O. as conforming to good petroleum engineering practices and provided further that such right of withdrawal shall terminate on the termination date of this Agreement.

SECTION 17. ROYALTY SETTLEMENT. The State of New Mexico and United States of America and all Royalty Owners who, under an existing contract, are entitled to take in kind a share of the substances produced from any Tract unitized hereunder, shall continue to be entitled to such right to take in kind their share of the Unitized Substances allocated to such Tract, and Unit Operator shall make deliveries of such Royalty share taken in kind in conformity with the applicable contracts, laws and regulations. Settlement for Royalty not taken in kind shall be made by Working Interest Owners responsible therefor under existing contracts, Laws and regulations on or before the last day of each month for Unitized Substances produced during the preceding calendar month; provided, however, that nothing herein contained shall operate to relieve the lessees of any land from their respective lease obligations for the payment of any Royalty due under the leases, except that such Royalty shall be computed on Unitized Substances as allocated to each Tract in accordance with the terms of this Agreement. With respect to Federal leases committed hereto on which the royalty rate depends upon the daily average production per well, such average production shall be determined in accordance with the operating regulations pertaining to Federal leases as though the committed Tracts were included in a single consolidated lease.

If the amount of production or the proceeds thereof accruing to any Royalty Owner (except the United States of America) in a Tract depends upon the average production per well or the average pipeline runs per well from such Tract during any period of time, then such production shall be determined from and after the effective date hereof by dividing the quantity of Unitized Substances allocated hereunder to such Tract during such period of time by the number of wells located thereon capable of producing Unitized Substances as of the Effective Date hereof, provided that any Tract not having any well so capable of producing Unitized Substances on the Effective Date hereof shall be considered as having one such well for the purpose of this provision.

All Royalty due the State of New Mexico and the United States of America and the other Royalty owners hereunder shall be computed and paid on the basis of all Unitized Substances allocated to the respective Tract or Tracts committed hereto, in lieu of actual production from such Tract or Tracts.

With the exception of Federal and State requirements to the contrary, Working Interest Owners may use or consume Unitized Substances for Unit Operations and no Royalty, overriding royalty, production or other payments shall be payable on account of Unitized Substances used, lost or consumed in Unit Operations.

Each Royalty Owner (other than the State of New Mexico and the United States of America) that executes this Agreement represents and warrants that it is the owner of a Royalty Interest in a Tract or Tracts within the Unit Area as its interest appears in Exhibit "B" attached hereto. If any Royalty Interest in a Tract or Tracts should be lost by title failure or otherwise in whole or in part, during the term of this Agreement, then the Royalty Interest of the party representing himself to be the owner thereof shall be reduced proportionately and the interests of all parties shall be adjusted accordingly.

SECTION 18. RENTAL SETTLEMENT. Rentals or minimum Royalties due on the leases committed hereto shall be paid by Working Interest Owners responsible therefor under existing contracts, laws and regulations provided that nothing herein contained shall operate to relieve the lessees of any land from their respective lease obligations for the payment of any rental or minimum Royalty in lieu thereof, due under their leases. Rental for lands of the State of New Mexico subject to this Agreement shall be paid at the rate specified in the respective leases from the State of New Mexico. Rental or minimum Royalty for lands of the United States of America subject to this Agreement shall be paid at the rate specified in the respective leases from the United States of America, unless such rental or minimum Royalty is waived, suspended or reduced by law or by approval of the Secretary or his duly authorized representative.

SECTION 19. CONSERVATION. Operations hereunder and production of Unitized Substances shall be conducted to provide for the most economical and efficient recovery of said substances without waste, as defined by or pursuant to Federal and State laws and regulations.

SECTION 20. DRAINAGE. The Unit Operator shall take all reasonable and prudent measures to prevent drainage of Unitized Substances from unitized land by wells on land not subject to this Agreement.

The Unit Operator, upon approval by the Working Interest Owners, the A.O. and the Land Commissioner, is hereby empowered to enter into a borderline agreement or agreements with working interest owners of adjoining lands not subject to this Agreement with respect to operation in the border area for the maximum economic recovery, conservation purposes and proper protection of the parties and interest affected.

SECTION 21. LOSS OF TITLE. In the event title to any Tract of unitized land shall fail and the true owner cannot be induced to join in this Agreement, such Tract shall be automatically regarded as not committed hereto, and there shall be such readjustment of future costs and benefits as may be required on account of the loss of such title. In the event of a dispute as to title to any Royalty, Working Interest, or other interests subject thereto, payment or delivery on account thereof may be withheld without liability for interest until the dispute is finally settled; provided, that, as to State or Federal lands or leases, no payments of funds due the United States or the State of New Mexico shall be withheld, but such funds shall be deposited as directed by the A.O. or Land Commissioner (as the case may be) to be held as unearned money pending final settlement of the title dispute, and then applied as earned or returned in accordance with such final settlement.

If the title or right of any party claiming the right to receive in kind all or any portion of the Unitized Substances allocated to a Tract is in dispute, Unit Operator at the direction of Working Interest Owners shall either:

(a) require that the party to whom such unitized Substances are delivered or to whom the proceeds thereof are paid furnish security for the proper accounting therefor to the rightful owner if the title or right of such party fails in whole or in part, or

(b) withhold and market the portion of Unitized Substances with respect to which title or right is in dispute, and impound the proceeds thereof until such time as the title or right thereto is established by a final judgment of a court of competent jurisdiction or otherwise to the satisfaction of Working Interest Owners, whereupon the proceeds so impounded shall be paid to the party rightfully entitled thereto.

Each Working Interest Owner shall indemnify, hold harmless, and defend all other Working Interest Owners against any and all claims by any party against the interest attributed to such Working Interest Owner on Exhibit "B."

Unit Operator as such is relieved from any responsibility for any defect or failure of any title hereunder.

SECTION 22. LEASES AND CONTRACTS CONFORMED AND EXTENDED. The terms, conditions and provisions of all leases, subleases and other contracts relating to exploration, drilling, development or operation for oil or gas on lands committed to this Agreement are hereby expressly modified and amended to the extent necessary to make the same conform to the provisions hereof, but otherwise to remain in full force and effect, and the parties hereto hereby consent that the Secretary and the Land Commissioner, respectively, shall and by their approval hereof, or by the approval hereof by their duly authorized representatives, do hereby establish, alter, change or revoke the drilling, producing, rental, minimum Royalty and Royalty requirements of Federal and State leases committed hereto and the regulations in respect thereto to conform said requirements to the provisions of this Agreement.

Without limiting the generality of the foregoing, all leases, subleases and contracts are particularly modified in accordance with the following:

(a) The development and operation of lands subject to this Agreement under the terms hereof shall be deemed full performance of all obligations for development and operation with respect to each Tract subject to this Agreement, regardless of whether there is any development of any Tract of the Unit Area, notwithstanding anything to the contrary in any lease, operating agreement or other contract by and between the parties hereto, or their respective predecessors in interest, or any of them.

(b) Drilling, producing or improved recovery operations performed hereunder shall be deemed to be performed upon and for the benefit of each Tract, and no lease shall be deemed to expire by reason of failure to drill or produce wells situated on the land therein embraced.

(c) Suspension of drilling or producing operations within the Unit Area pursuant to direction or consent of the Land Commissioner and the A.O., or their duly authorized representatives, shall be deemed to constitute such suspension pursuant to such direction or consent as to each Tract within the Unitized Area.

(d) Each lease, sublease, or contract relating to the exploration, drilling, development, or operation for oil and gas which by its terms might expire prior to the termination of this Agreement, is hereby extended beyond any such term so provided therein, so that it shall be continued in full force and effect for and during the term of this Agreement.

(e) Any lease embracing lands of the State of New Mexico which is made subject to this Agreement shall continue in force beyond the term provided therein as to the lands committed hereto until the termination hereof.

(f) Any lease embracing lands of the State of New Mexico having only a portion of its land committed hereto shall be segregated as to that portion committed and that not committed, and the terms of such lease shall apply separately to such segregated portions commencing as of the Effective Date hereof. Provided, however, that notwithstanding any of the provisions of this Agreement to the contrary, such lease (including both segregated portions) shall continue in full force and effect beyond the term provided therein as to all lands embraced in such lease if oil or gas is, or has heretofore been discovered in paying quantities on some part of the lands embraced in such lease committed to this Agreement or, so long as a portion of the Unitized Substances produced from the Unit Area is, under the terms of this Agreement, allocated to the portion of the lands covered by such lease committed to this Agreement, or, at any time during the term hereof, as to any lease that is then valid and subsisting and upon which the lessee or the Unit Operator is then engaged in bona fide drilling, reworking, or improved recovery operations on any part of the lands embraced in such lease, then the same as to all lands embraced therein shall remain in full force and effect so long as such operations are diligently prosecuted, and if they result in the production of oil or gas, said lease shall continue in full force and effect as to all of the lands embraced therein, so long thereafter as oil or gas in paying quantities is being produced from any portion of said lands.

(g) The segregation of any Federal lease committed to this Agreement is governed by the following provision in the forth paragraph of Section 17(j) of the Mineral Leasing Act, as amended by the Act of September 2, 1960 (74 Stat. 781-784): "Any (Federal) lease heretofore or hereafter committed to any such (unit) plan embracing lands that are in part within and in part outside of the area covered by any such plan shall be segregated into separate leases as to the lands committed and the lands not committed as of the effective date of unitization; provided, however, that any such lease as to the nonunitized portion shall continue in force and effect for the term thereof but for not less than two years from the date of such segregation and so long thereafter as oil or gas is produced in paying quantities."

SECTION 23. COVENANTS RUN WITH LAND. The covenants herein shall be construed to be covenants running with the land with respect to the interest of the parties hereto and their successors in interest until this Agreement terminates, and any grant, transfer or conveyance of interest in land or leases subject hereto shall be and hereby is conditioned upon the assumption of all privileges and obligations hereunder by the grantee, transferee or other successor in interest. No assignment or transfer of any Working Interest subject hereto shall be binding upon Unit Operator until the first day of the calendar month after Unit Operator is furnished with the original, or acceptable photostatic or certified copy, of the recorded instrument or transfer; and no assignment or transfer of any Royalty Interest subject hereto shall be binding upon the Working Interest Owner responsible therefor until the first day of the calendar month after said Working Interest Owner is furnished with the original, or acceptable photostatic or certified copy, of the recorded instrument or transfer.

SECTION 24. EFFECTIVE DATE AND TERM. This Agreement shall become binding upon each party who executes or ratifies it as of the date of execution or ratification by such party and shall become effective on the first day of the calendar month next following the approval of this Agreement by the A.O., the Land Commissioner and the Commission.

If this Agreement does not become effective on or before _____, it shall ipso facto expire on said date (hereinafter called "Expiration Date") and thereafter be of no further force or effect, unless prior thereto this Agreement has been executed or ratified by Working Interest Owners owning a combined Participation of at least seventy five percent (75%); and at least seventy-five percent (75%) of such Working Interest owners committed to this Agreement have decided to extend Expiration Date for a period not to exceed one (1) year (hereinafter called "Extended Expiration Date"). If Expiration Date is so extended and this Agreement does not become effective on or before Extended Expiration Date, it shall ipso facto expire on Extended Expiration Date and thereafter be of no further force and effect.

Unit Operator shall file for record within thirty (30) days after the Effective Date of this Agreement, in the office of the County Clerk of Eddy County, New Mexico, where a counterpart of this Agreement has become effective according to its terms and stating further the effective date.

The terms of this Agreement shall be for and during the time that Unitized Substances are produced from the unitized land and so long thereafter as drilling, reworking or other operations (including improved recovery operations) are prosecuted thereon without cessation of more than ninety (90) consecutive days unless sooner terminated as herein provided.

This Agreement may be terminated with the approval of the Land Commissioner and the A.O. by Working Interest Owners owning eighty percent (80%) of the Unit Participation then in effect whenever such Working Interest Owners determine that Unit Operations are no longer profitable, or in the interest of conservation. Upon approval, such termination shall be effective as of the first day of the month after said Working Interest Owner's determination. Notice of any such termination shall be filed by Unit Operator in the Office of the County Clerk of Eddy County, New Mexico, within thirty (30) days of the effective date of termination.

Upon termination of this Agreement, the parties hereto shall be governed by the terms and provisions of the leases and contracts affecting the separate Tracts just as if this Agreement has never been entered into.

Notwithstanding any other provision in the leases unitized under this Agreement, Royalty Owners hereby grant Working Interest Owners a period of six months after termination of this Agreement in which to salvage, sell, distribute or otherwise dispose of the personal property and facilities used in connection with Unit Operations.

SECTION 25. RATE OF PROSPECTING, DEVELOPMENT AND PRODUCTION. All production and the disposal thereof shall be in conformity with allocations and quotas made or fixed by any duly authorized person or regulatory body under any Federal or State statute. The A.O. is hereby vested with authority to alter or modify from time to time, in his discretion, the rate of prospecting and development and within the limits made or fixed by the Division to alter or modify the quantity and rate of production under this Agreement, such authority being hereby limited to alteration or modification in the public interest, the purpose thereof and the public interest to be served thereby to be stated in the order of alteration or modification; provided, further, that no such alteration or modification shall be effective as to any land of the State of New Mexico as to the rate of prospecting and development in the absence of the specific written approval thereof by the Land Commissioner and as to any lands in the State of New Mexico or privately-owned lands subject to this Agreement or to the quantity and rate of production from such lands in the absence of specific written approval thereof by the Division.

Powers in this Section vested in the A.O. shall only be exercised after notice to Unit Operator and opportunity for hearing to be held not less than fifteen (15) days from notice, and thereafter subject to administrative appeal before becoming final.

SECTION 26. NONDISCRIMINATION. Unit Operator in connection with the performance of work under this Agreement relating to leases of the United States, agrees to comply with all of the provisions of Section 202(1) to (7) inclusive of Executive Order 11246, (30 F.R. 12319), which are hereby incorporated by reference in this Agreement.

SECTION 27. APPEARANCES. Unit Operator shall have the right to appear for or on behalf of any interests affected hereby before the Land Commissioner, the Department, and the Division, and to appeal from any order issued under the rules and regulations of the Land Commissioner, the Department or the Division, or to apply for relief from any of said rules and regulations or in any proceedings relative to operations before the Land Commissioner, the Department or the Division or any other legally constituted authority; provided, however, that any other interested party shall also have the right at his or its own expense to be heard in any such proceeding.

SECTION 28. NOTICES. All notices, demands, objections or statements required hereunder to be given or rendered to the parties hereto shall be deemed fully given if made in writing and personally delivered to the party or parties or sent by postpaid certified or registered mail, addressed to such party or parties at their last known address set forth in connection with the signatures hereto or to the ratification or consent hereof or to such other address as any such party or parties may have furnished in writing to the party sending the notice, demand or statement.

SECTION 29. NO WAIVER OF CERTAIN RIGHTS. Nothing in this Agreement contained shall be construed as a Waiver by any party hereto of the right to assert any legal or constitutional right or defense as to the validity or invalidity of any law of the State wherein said Unitized Lands are located, or regulations issued thereunder in any way affecting such party, or as a waiver by any such party of any right beyond his or its authority to waive; provided, however, each party hereto covenants that it will not resort to any action to partition the unitized land or the Unit Equipment.

SECTION 30. EQUIPMENT AND FACILITIES NOT FIXTURES ATTACHED TO REALTY. Each Working Interest Owner has heretofore placed and used on its Tract or Tracts committed to this Agreement various well and lease equipment and other property, equipment and facilities. It is also recognized that additional equipment and facilities may hereafter be placed and used upon the Unitized Land as now or hereafter constituted. Therefore, for all purposes of this Agreement, any such equipment shall be considered to be personal property and not fixtures attached to realty. Accordingly, said well and lease equipment and personal property is hereby severed from the mineral estates affected by this Agreement, and it is agreed that any such equipment and personal property shall be and remain personal property of the Working Interest Owners for all purposes.

SECTION 31. UNAVOIDABLE DELAY. All obligations under this Agreement requiring the Unit Operator to commence or continue improved recovery operations or to operate on or produce Unitized Substances from any of the lands covered by this Agreement shall be suspended while, but only so long as, the Unit Operator, despite the exercise of due care and diligence, is prevented from complying with such obligations, in whole or in part, by strikes, acts of God, Federal, State or municipal law or agency, unavoidable accident, uncontrollable delays in transportation, inability to obtain necessary materials or equipment in open market, or other matters beyond the reasonable control of the Unit Operator whether similar to matters herein enumerated or not.

SECTION 32. NONJOINER AND SUBSEQUENT JOINER. Joinder by any Royalty Owner, at any time, must be accompanied by appropriate joinder of the corresponding Working Interest Owner in order for the interest of such Royalty Owner to be regarded as effectively committed. Joinder to this Agreement by a Working interest Owner, at any time, must be accompanied by appropriate joinder to the Unit Operating Agreement in order for such interest to be regarded as effectively committed to this Agreement.

Any oil or gas interest in the Unitized Formations not committed hereto prior to submission of this Agreement to the Land Commissioner and the A.O. for final approval may thereafter be committed hereto upon compliance with the applicable provisions of this Section and of Section 14 (Tracts Qualified for Participation) hereof, at any time up to the Effective Date hereof on the same basis of Tract Participation as provided in Section 13, by the owner or owners thereof subscribing, ratifying, or consenting in writing to this Agreement and, if the interest is a Working Interest, by the owner of such interest subscribing also to the Unit Operating Agreement.

It is understood and agreed, however, that from and after the Effective Date hereof the right of subsequent joinder as provided in this Section shall be subject to such requirements or approvals and on such basis as may be agreed upon by Working Interest Owners owning not less than sixty-five percent (65%) of the Unit Participation then in effect, and approved by the Land Commissioner and A. O. Such subsequent joinder by a proposed Working Interest Owner must be evidenced by his execution or ratification of this Agreement and the Unit Operating Agreement and, where State or Federal land is involved, such joinder must be approved by the Land Commissioner or A.O. Such joinder by a proposed Royalty Owner must be evidenced by his execution, ratification or consent of this Agreement and must be consented to in writing by the Working Interest Owner responsible for the payment of any benefits that may accrue hereunder in behalf of such proposed Royalty Owner. Except as may be otherwise herein provided, subsequent joinder to this Agreement shall be effective as of the first day of the month following the filing with the Land Commissioner and A.O. of duly executed counterparts of any and all documents necessary to establish effective commitment of any Tract or interest to this Agreement, unless objection to such joinder by the Land Commissioner or the A.O., is duly made sixty (60) days after such filing.

SECTION 33. COUNTERPARTS. This Agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties and may be ratified or consented to by separate instrument in writing, specifically referring hereto, and shall be binding upon all those parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document, and regardless of whether or not it is executed by all other parties owning or claiming an interest in the land within the described Unit Area. Furthermore, this Agreement shall extend to and be binding on the parties hereto, their successors, heirs and assigns.

SECTION 34. JOINER IN DUAL CAPACITY. Execution as herein provided by any party as either a Working Interest Owner or a Royalty Owner shall commit all interests owned or controlled by such party; provided, that if the party is the owner of a Working Interest, he must also execute the Unit Operating Agreement.

SECTION 35. TAXES. Each party hereto shall, for its own account, render and pay its share of any taxes levied against or measured by the amount or value of the Unitized Substances produced from the unitized land; provided, however, that if it is required or if it be determined that the Unit Operator or the several Working Interest Owners must pay or advance said taxes for the account of the parties hereto, it is hereby expressly agreed that the parties so paying or advancing said taxes shall be reimbursed therefor by the parties hereto, including Royalty Owners, who may be responsible for the taxes on their respective allocated share of said Unitized Substances. No taxes shall be charged to the United States or to the State of New Mexico, nor to any lessor who has a contract with a lessee which requires his lessee to pay such taxes.

SECTION 36. NO PARTNERSHIP. The duties, obligations and liabilities of the parties hereto are intended to be several and not joint or collective. This Agreement is not intended to create, and shall not be construed to create, an association or trust, or to impose a partnership duty, obligation or liability with regard to any one or more of the parties hereto. Each party hereto shall be individually responsible for its own obligation as herein provided.

SECTION 37. PRODUCTION AS OF THE EFFECTIVE DATE. Unit Operator shall make a proper and timely gauge of all leases and other tanks within the Unit Area in order to ascertain the amount of merchantable oil above the pipeline connection, in such tanks as of 7:00 a.m. on the Effective Date hereof. All such oil which has then been produced in accordance with established allowables shall be and remain the property of the Working Interest Owner entitled thereto, the same as if the unit had not been formed; and the responsible Working Interest Owner shall promptly remove said oil from the unitized land. Any such oil not so removed shall be sold by Unit Operator for the account of such Working Interest Owners, subject to the payment of all Royalty to Royalty Owners under the terms hereof. The oil that is in excess of the prior allowable of the wells from which it was produced shall be regarded as Unitized Substances produced after Effective Date hereof.

If, as of the Effective Date hereof, any Tract is overproduced with respect to the allowable of the wells on that Tract and the amount of over-production has been sold or otherwise disposed of, such over-payment shall be regarded as a part of the Unitized Substances produced after the Effective Date hereof and shall be charged to such Tract as having been delivered to the parties entitled to Unitized Substances allocated to such Tract.

SECTION 38. NO SHARING OF MARKET. This Agreement is not intended to provide and shall not be construed to provide, directly or indirectly, for any cooperative refining, joint sale or marketing of Unitized Substances.

SECTION 39. STATUTORY UNITIZATION. If and when Working Interest owners owning at least seventy-five percent (75%) Unit Participation and Royalty Owners owning at least seventy-five percent (75%) Royalty Interest have become parties to this Agreement or have approved this Agreement in writing and such Working Interest Owners have also become parties to the Unit Operating Agreement, Unit Operator may make application to the Division for statutory unitization of the uncommitted interests pursuant to the Statutory Unitization Act (Chapter 65, Article 14, N.M.S. 1953 Annotated). If such application is made and statutory unitization is approved by the Division, then effective as of the date of the Division's order approving statutory unitization, this Agreement and/or the Unit Operating Agreement shall automatically be revised and/or amended in accordance with the following:

(1) Section 14 of this Agreement shall be revised by substituting for the entire said section the following:

"SECTION 14. TRACTS QUALIFIED FOR PARTICIPATION. On and after the Effective Date hereof, all Tracts within the Unit Area shall be entitled to participation in the production of Unitized Substances."

(2) Section 24 of this Agreement shall be revised by substituting for the first three paragraphs of said section the following:

"SECTION 24. EFFECTIVE DATE AND TERM. This Agreement shall become effective on the first day of the calendar month next following the effective date of the Division's order approving statutory unitization upon the terms and conditions of this Agreement, as amended (if any amendment is necessary) to conform to the Division's order; approval of this Agreement, as so amended, by the Land Commissioner; and the A.O. and the filing by Unit Operator of this Agreement or notice thereof for record in the office of the County Clerk of Eddy County, New Mexico. Unit Operator shall not file this Agreement or notice thereof for record, and hence this Agreement shall not become effective, unless within ninety (90) days after the date all other prerequisites for effectiveness of this Agreement have been satisfied, such filing is approved by Working Interest Owners owning a combined Unit Participation of at least sixty-five percent (65%) as to all Tracts within the Unit Area."

"Unit Operator shall, within thirty (30) days after the Effective Date of this Agreement, file for record in the office of the County Clerk of Eddy County, New Mexico, a certificate to the effect that this Agreement has become effective in accordance with its terms, therein identifying the Division's order approving statutory unitization and stating the Effective Date."

(3) This Agreement and/or the Unit Operating Agreement shall be amended in any and all respects necessary to conform to the Division's order approving statutory unitization.

Any and all amendments of this Agreement and/or the Unit Operating Agreement that are necessary to conform said agreements to the Division's order approving statutory unitization shall be deemed to be hereby approved in writing by the parties hereto without any necessity for further approval by said parties, except as follows:

(a) If any amendment of this Agreement has the effect of reducing any Royalty Owner's participation in the production of Unitized Substances, such Royalty Owner shall not be deemed to have hereby approved the amended agreement without the necessity of further approval in writing by said Royalty Owner; and

(b) If any amendment of this Agreement and/or the Unit Operating Agreement has the effect of reducing any Working Interest Owner's participation in the production of Unitized Substances or increasing such Working Interest Owner's share of Unit Expense, such Working Interest Owner shall not be deemed to have hereby approved the amended agreement without the necessity of further approval in writing by said Working Interest Owner.

Executed as of the day and year first above written.

ATTEST:

DEVON ENERGY CORPORATION (NEVADA)

Steve Cromwell
Assistant Secretary

By: _____
Marvin C. Lunde, Jr.
Vice-President

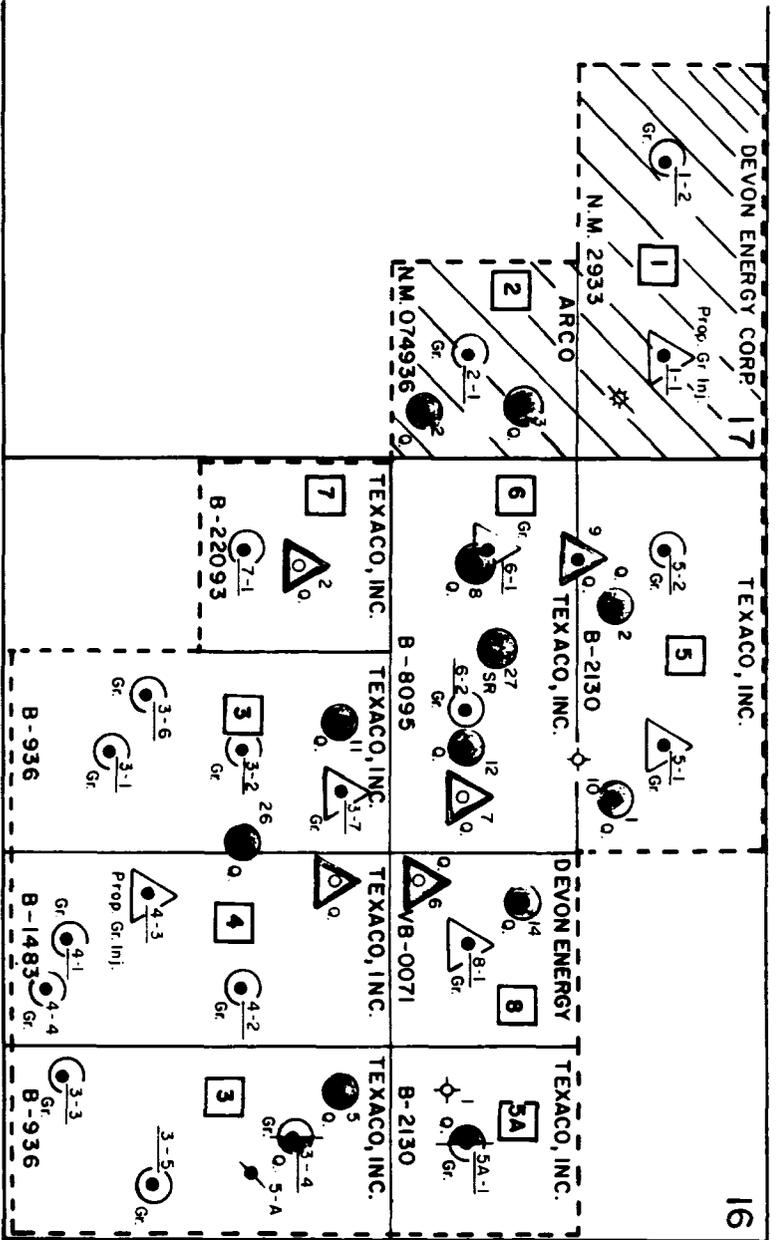
STATE OF OKLAHOMA)
) SS.
COUNTY OF OKLAHOMA)

The foregoing instrument was acknowledged before me this _____ day of _____, 1989, by Marvin C. Lunde, Jr., as Vice-President of Devon Energy Corporation (Nevada), on behalf of such corporation.

In witness whereof, I have set my hand and official seal.

Notary Public

My commission expires:



T
17
S

R-30-E

- INJECTOR WITH ZONE NOTED
- FEDERAL LANDS
- STATE LANDS
- UNIT OUTLINE
- TRACT NUMBER
- QUEEN PRODUCER
- GRAYBURG PRODUCER

DEVON ENERGY CORPORATION EXHIBIT A
ETZ - STATE UNIT Eddy Co., New Mexico UNIT DETAIL MAP:
1" = 1,000' 5-89

EXHIBIT "B" to Etz State Unit Agreement dated _____, 1989

TRACT DESCRIPTION	ACRES	LEASE NO. & EXPIRATION DATE	BASIC ROYALTY & PERCENTAGE	LESSEE OR RECORD	OVERRIDE OR PRODUCTION PAYMENT & PERCENTAGE	WORKING INTEREST OWNER - PERCENT	PARTICIPATION FACTOR
Federal Lands - T17S, R30E, Sec. 17 N/2 NE/4	80	M.M.2933 H.B.P.	Schedule "A" attached to this Exhibit "B" contains royalty terms for this Oil and Gas Lease	Devon Energy Corporation	Collier Enterprises 1.00% Monica Morgan 3.125% Herman J. Ledbetter 3.125%	Devon Energy Corporation (Nevada)	.1390993
T17S, R30E, Sec. 17 SE/4 NE/4	40	M.M.074936 H.B.P.	Schedule "B" attached to this Exhibit "B" contains royalty terms for this Oil and Gas Lease	Atlantic Richfield Company	None	Devon Energy Corporation (Nevada)	.1015413
State of New Mexico Lands - T17S, R30E, Sec. 16 E/2 SE/4, E/2 SW/4	160	B-936 H.B.P.	Schedule "B" attached to this Exhibit "B" contains royalty terms for this Oil and Gas Lease	Texaco, Inc.	Teresa Johnson Testamentary Trust U/M of Dora Johnson NBank Ft. Worth N.A., .00625% City National Bank, Murray Pasken, et al Co-Trustees U/M of Alma Welsh Mallison Acct. No. 99-1035-00 .01875%	Devon Energy Corporation (Nevada)	.2189881
T17S, R30E, Sec. 16 W/2 SE/4	80	B-1483	12.50%	Texaco, Inc.	Teresa Johnson Testamentary Trust U/M of Dora Johnson NBank Ft. Worth N.A., .00625% City National Bank, Murray Pasken, et al Co-Trustees U/M of Alma Welsh Mallison Acct. No. 99-1035-00 .01875%	Devon Energy Corporation (Nevada)	.1315560
T17S, R30E, Sec. 16 N/2 NW/4	80	B-2130	12.50%	Texaco, Inc.	Less than 1400 bbls p/day and separately as to less than 750 a.c.f. gas p/day The Estate of R. D. COLLIER Wilma Donahue Polson Trust The Estate of E. C. Donahue Fourteen to Twenty barrels p/day and separately as to 750 to 1,000 a.c.f. gas p/day The Estate of R. D. COLLIER Wilma Donahue Polson Trust The Estate of E. C. Donahue More than 20 this p/day and separately as to more than 1,000 a.c.f. gas p/day The Estate of R. D. COLLIER Wilma Donahue Polson Trust The Estate of E. C. Donahue	Devon Energy Corporation (Nevada)	.1319736 Fr.5

.0273437%
.0068359%
.0068359%
.0410156%
.0102539%
.0102539%
.0546875%
.0136719%
.0136719%

TRACT ID.	DESCRIPTION	ACRES	LEASE NO. & EXPIRATION DATE	BASIC ROYALTY & PERCENTAGE	LESSEE OF RECORD	OVERRIDE OR PRODUCTION PAYMENT & PERCENTAGE	WORKING INTEREST SHARE - PERCENT	PARTICIPATION FACTOR
1A	T17S, R30E, Sec. 16 SE/4 NE/4	40	B-2130	12.50%	Texaco, Inc.	Less than 14 bbls p/day and separately as to less than 750 M.C.F. gas p/day William Donahue Kolson Trust The Estate of E. C. Donahue .0136718%	Devon Energy Corporation (Nevada)	.0820605 TR SA .2140341 Total TRS & TRSA
5	T17S, R30E, Sec. 16 S/2 NW/4	80	B-8095	12.50%	Texaco, Inc.	14 to 20 bbls oil p/day and separately as to 750 to 1,000 M.C.F. gas p/day William Donahue Kolson Trust The Estate of E. C. Donahue .0205078%	Devon Energy Corporation (Nevada)	.0536000
7	T17S, R30E, Sec. 16 NW/4 SW/4	40	B-22093	12.50%	Texaco, Inc.	More than 20 bbls p/day and separately as to more than 1,000 M.C.F. gas p/day William Donahue Kolson Trust The Estate of E. C. Donahue .0273437%	Devon Energy Corporation (Nevada)	.0499150
8	T17S, R30E, Sec. 16 SW/4 NE/4	40	VB-0071	18.75%	Devon Energy Corporation (Nevada)	Teresa Johnson Testamentary Trust U/W of Dora Johnson Bank Ft. Worth, N.A. .00625%	Devon Energy Corporation (Nevada)	.0912663
						City National Bank, Murray Pasken, et al Co-Trustees U/W of Alma Malah Mallison Acct. No. 99-1035-00 .01875%		
						None		

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1.00000000

Schedule "A" to Exhibit "B" to Etz State Unit Agreement dated _____, 1989.

Royalty on Tract 1

As to oil production, royalty on production removed or sold from Tract 1 lands is as follows:

When average oil production for the month in barrels per well per day is:

<u>OVER</u>	<u>NOT OVER</u>	<u>PERCENT OF ROYALTY</u>
0	50	12.50
50	60	13.00
60	70	14.00
70	80	15.00
80	90	16.00
90	110	17.00
110	130	18.00
130	150	19.00
150	200	20.00
200	250	21.00
250	300	22.00
300	350	23.00
350	400	24.00
400		25.00

As to natural gas or casinghead gasoline and liquid products obtained from gas, royalty on production removed or sold from Tract 1 lands is 12.50% of the amount or value of the natural gas or casinghead gas and liquid products produced, said amount or value of liquid products to be based on the net, after allowance for the cost of manufacture when average production of gas per well per day for the month does not exceed 5,000,000 cubic feet, and 16.6667% of said amount or value when production of gas exceeds 5,000,000 cubic feet per well per day for the month.

Schedule "A" to Exhibit "B" to Etz State Unit Agreement.

Royalty on Tract 2

- 1) For all oil produced of 30° Baume or over:
On that portion of the average production per well not exceeding 20 barrels per day for the calendar month.....
12 1/2 percent
On that portion of the average production per well of more than 20 barrels and not more than 50 barrels per day for the calendar month
...16 2/3 percent
On that portion of the average production per well of more than 50 barrels and not more than 100 barrels per day for the calendar month
..20 percent
On that portion of the average production per well of more than 100 barrels and not more than 200 barrels per day for the calendar month
.. 25 percent
On that portion of the average production per well or more than 200 barrels per day for the calendar month
33 1/3 percent

- 2) For all oil produced of less than 30° Baume:
On that portion of the average production per well not exceeding 20 barrels per day for the calendar month
12 1/2 percent
On that portion of the average production per well of more than 20 barrels and not more than 50 barrels per day for the calendar month
..14 2/7 percent
On that portion of the average production per well of more than 50 barrels and not more than 100 barrels per day for the calendar month
..16 2/3 per cent
On that portion of the average production per well of more than 100 barrels and not more than 200 barrels per day for the calendar month
..20 percent
On that portion of the average production per well of more than 200 barrels per day for the calendar month
25 per cent

Only wells which have a commercial production during at least part of the month shall be considered in ascertaining the average production above provided for; and the Secretary of the Interior shall determine what are commercially productive wells under this provision.

- 3) On gas and casing-head gasoline:
On gas, whether same shall be gas from which the casing-head gasoline has been extracted or otherwise, 12 1/2 percent of the value thereof in the field where produced where the average production per day for the calendar month from the land leased is less than 3,000,000 cubic feet and 16 2/3 percent where the average daily production is 3,000,000 cubic feet or over.

(Cont'd.)

Schedule "A" to Exhibit "B" to Etz State Unit Agreement.

Royalty on Tract 2

On casing-head gasoline, 16 2/3 per cent of the value of the casing-head gasoline extracted from the gas produced and sold, computed on the basis provided for in the operating regulations.

The value in the field where produced, of gas and casing-head gasoline, for royalty purposes, unless such gas or casing-head gasoline is disposed of under an approved sales contract or other method as provided in appropriate regulations of the Department of the Interior.

In cases where the gas produced and sold has a value both for casing-head gasoline content and as dry gas from which casing-head gasoline has been extracted, then the royalties above provided shall be paid on both of such values.

EXHIBIT "C" TO Etz State Unit
 Agreement dated _____, 1989.
 Tract Participation Formulas and
 Unitization Parameters for the Etz State Unit

LEASE	ACRBS	CURRENT		NET		NET		NET		TOTAL		
		% TOTAL	OIL RATE (BOPD)	% TOTAL	ACRE-FT METBI	% TOTAL	ACRE-FT PREMIER	% TOTAL	ACRE-FT LOCO HILLS	% TOTAL	ACRE-FT NET	% TOTAL
COLLIER FEDERAL (TR.1)	80	12.5%	1.738	4.7%	1,118	15.3%	1,453	23.1%	2,599	15.1%	5,170	16.7%
McINTYRE "D" (TR. 2)	40	6.3%	8.000	21.6%	615	8.4%	378	6.0%	1,304	7.6%	2,297	7.4%
ETZ STATE (TR. 3)	160	25.0%	6.881	18.6%	1,749	23.9%	1,176	18.7%	3,992	23.1%	6,917	22.4%
ETZ STATE "J" (TR. 4)	80	12.5%	7.405	20.0%	768	10.5%	850	13.5%	1,869	10.8%	3,487	11.3%
RANDAL STATE (TR. 5)	80	12.5%	3.000	8.1%	913	12.5%	1,090	17.3%	2,552	14.8%	4,555	14.8%
RANDAL STATE (TR. 5A)	40	6.3%	7.000	18.9%	335	4.6%	240	3.8%	1,101	6.4%	1,676	5.4%
ETZ STATE "A" (TR. 6)	40	6.3%	2.000	5.4%	385	5.3%	239	3.8%	988	5.7%	1,612	5.2%
ETZ STATE "B" (TR. 7)	40	6.3%	0.000	0.0%	394	5.4%	370	5.9%	1,162	6.7%	1,926	6.2%
ETZ STATE "C" (TR. 8)	80	12.5%	1.000	2.7%	1,035	14.2%	501	8.0%	1,700	9.8%	3,236	10.5%
	640	100.0%	37.024	100.0%	7,312	100.0%	6,297	100.0%	17,267	100.0%	30,876	100.0%

TRACT PARTICIPATION FORMULA

PARTICIPATION = 10% A/B + 20% C/D + 70% E/F

- WHERE: A = TRACT SURFACE ACRES
 B = TOTAL UNIT SURFACE ACRES
 C = TRACT CURRENT OIL PRODUCTION (BOPD)
 D = TOTAL UNIT OIL PRODUCTION (BOPD)
 E = TRACT ACRE-FOOT OF UNITIZED FORMATION
 F = TOTAL UNIT ACRE-FOOT OF UNITIZED FORMATION

TRACT PARTICIPATION

LEASE	PARTICIPATION FACTOR
COLLIER FEDERAL (TR.1)	0.13909928
McINTYRE "D" (TR. 2)	0.10154126
ETZ STATE (TR. 3)	0.21898808
ETZ STATE "J" (TR. 4)	0.13155601
RANDAL STATE (TR. 5)	0.13197361
RANDAL STATE (TR. 5A)	0.08206046
ETZ STATE "A" (TR. 6)	0.05359999
ETZ STATE "B" (TR. 7)	0.04991498
ETZ STATE "C" (TR. 8)	0.09126633
TOTAL . . .	1.00000000