

Case No. 9270
Application For Pool Creation, Special
Pool Rules And An Unorthodox Oil Well Location
Roosevelt County, New Mexico
December 2, 1987
Presented by H. L. BROWN, JR.

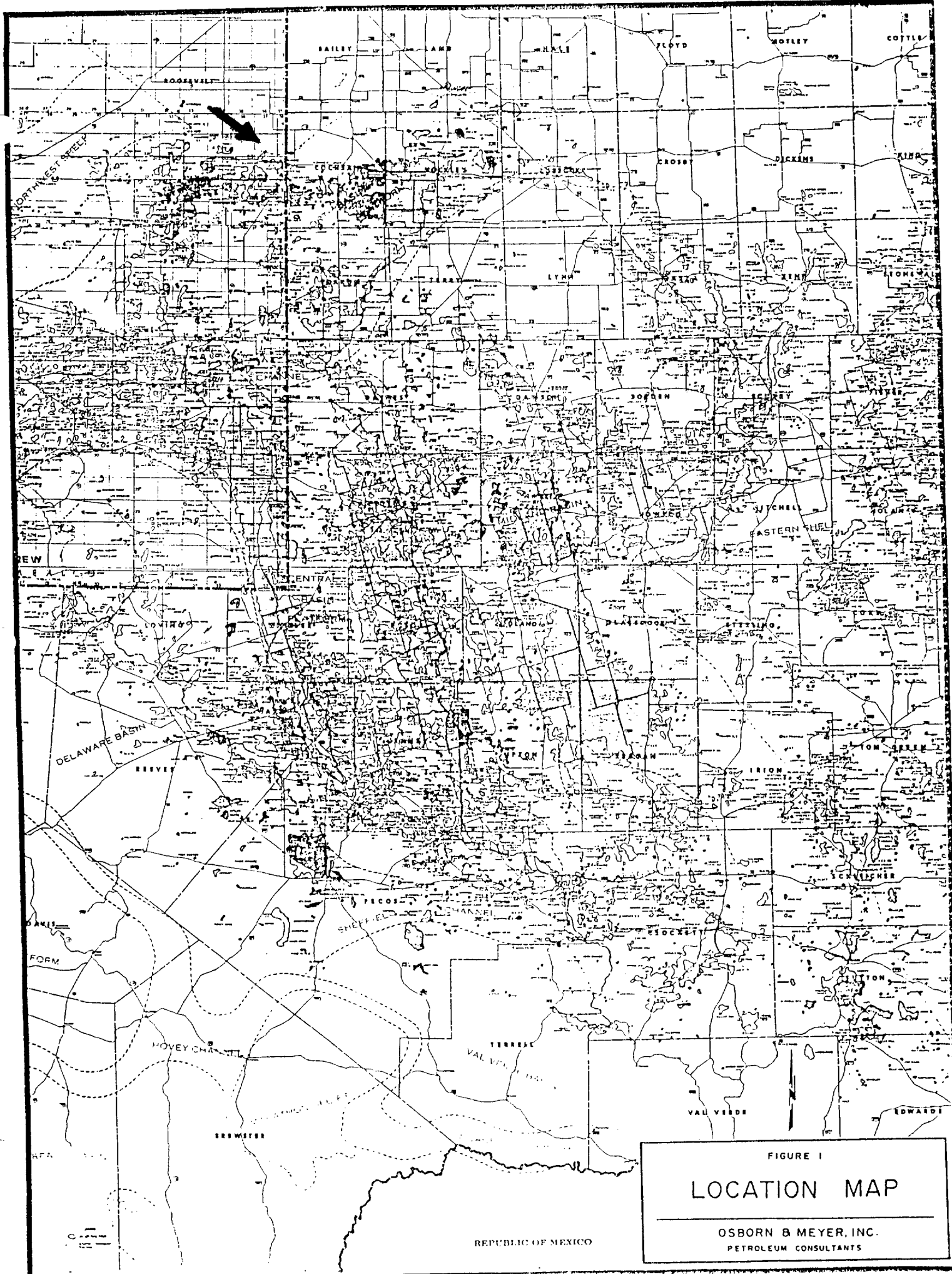
BEFORE THE STOGNER

General Division

H. L. Brown

1

Class 9270



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

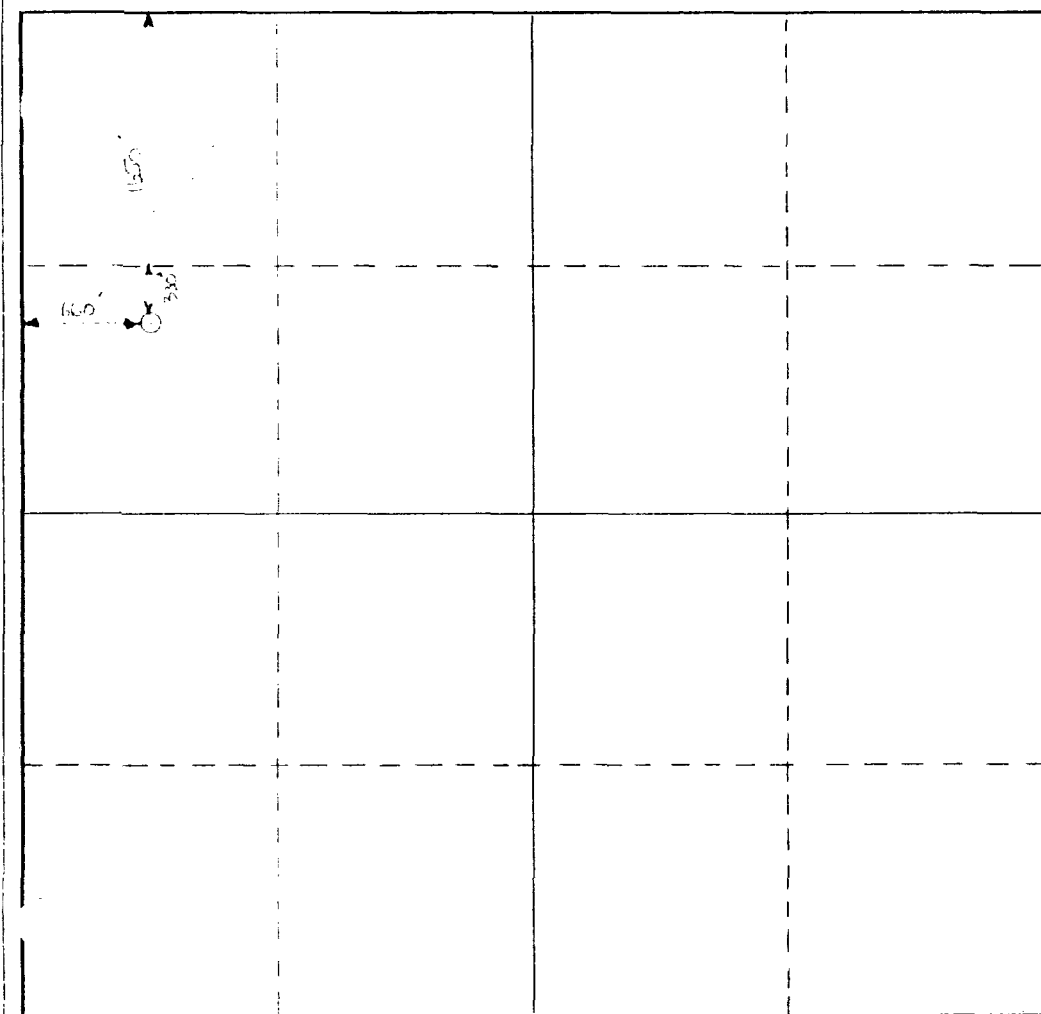
Owner I. L. Brown, Jr.		Lease Federal "27" Com		Well No. 1
Section E	Range 27	Township 7-S	Range 37-E	County Roosevelt
North line 1650 feet from the North line and 660 feet from the South line				
Section 4058.1	Forming Formation Siluro-Devonian		Pool North Bluitt (Siluro-Devonian)	Dedicated Acreage: 80 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

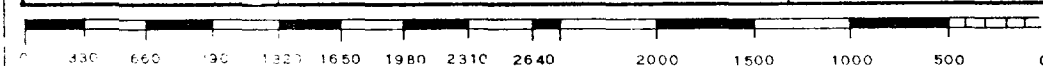
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name: Mike Jeagan
 Position: Production Engineer
 Company: H. L. Brown, Jr.
 Date: November 30, 1987

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: 5-18-87
 Registered Professional Engineer and/or Land Surveyor
 Original signed by John W. West

Certificate No. John West 676
Ronald J. Eidson 3239



H. L. BROWN, JR.
300 WEST LOUISIANA
POST OFFICE BOX 2237
MIDLAND, TEXAS 79702
915 683-5216

November 16, 1987

New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88241-1980

Attn: Mr. Jerry Sexton

Re: Request for New Pool
Federal 27 Com. No. 1
Sec. 27, T-7-S, R-37-E,
Roosevelt County, New Mexico

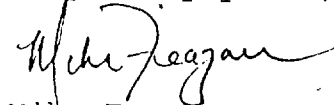
Dear Jerry:

H. L. Brown, Jr. is requesting that a new pool be created for the recently drilled Federal 27 Com. No. 1. The subject well is currently producing from the Siluro-Devonian and is outside the boundary of any existing pool producing from this same formation.

Attached is a completed form C-123 requesting a new pool, and a plat indicating the 320 acres we are designating as the new pool boundary. Our attorney, Mr. Ernest Padilla of Santa Fe, has also filed a request for special pool rules which would include 80-acres spacing proration units for the new pool. The spacing request is on the docket to be heard by the N.M.O.C.C. on December 2, 1987.

If additional information is required, please contact the undersigned at the phone number or address shown on the letterhead.

Very truly yours,



Mike Feagan
Production Engineer

JMF:jgb

Attachments (2)

REQUEST FOR THE EXTENSION OF AN EXISTING POOL

OR

THE CREATION OF A NEW POOL

TO: The Oil Conservation Division
State of New Mexico

Date November 6, 1987

The H. L. Brown, Jr. Federal "27" Com
Name of Operator Name of Lease

1 Located 1650 feet from the North line and 660 feet
Well No.

from the West line of 27 7-S 37-E
Section Township Range

is outside the boundaries of any pool producing from the same formation. On the basis of the information submitted here-

on form C-105, we hereby request that the NA

pool be extended to include the following described area NA

or that a new pool be created to include the following described area NW $\frac{1}{4}$ of Section 27 and NE $\frac{1}{4}$ of Section 28.

Suggested name: North Bluitt (Siluro-Devonian)

H. L. Brown, Jr.
Operator

Name of Producing Formation: Siluro-Devonian

Mike Feagan
Production Engineer Representative

OCT 16 1987

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.6.

H. L. BROWN, JR.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other		5. LEASE DESIGNATION AND SERIAL NO. NM 54449	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR H. L. Brown, Jr.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 2237, Midland, TX 79702		8. FARM OR LEASE NAME Federal #27 Comp	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650' FNL & 660' FWL At top prod. interval reported below 1650' FNL & 660' FWL At total depth 1650' FNL & 660' FWL		9. WELL NO. 1	
14. PERMIT NO. NSL-2376		10. FIELD AND POOL OR WILDCAT Wildcat (Undesignated)	
DATE ISSUED 8-12-87		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 27, T-7S, R-37E	
12. COUNTY OR PARISH Roosevelt		13. STATE New Mexico	
15. DATE SPUDDED 8-3-87	16. DATE T.D. REACHED 8-28-87	17. DATE COMPL. (Ready to prod.) 9-17-87	18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 4058.1 GL
20. TOTAL DEPTH, MD & TVD 9089'	21. PLUG BACK T.D., MD & TVD 8968'	22. IF MULTIPLE COMPL., HOW MANY? NA	23. INTERVALS FOR ROTARY TOOLS PETER OCT 9 1987
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 8845-8892', Wildcat (Undesignated)			25. WAS DIRECTIONAL SURVEY MADE None
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CCL			
29. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8"	61#	517'	17-1/2"
8-5/8"	32#	3875'	12-1/4"
4-1/2"	11.6#	9088'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
530 sx HOWCO Prem.		NA	
1600 sx "C" Lite		NA	
450 sx HOWCO Lite		NA	
30. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
2-3/8"			
31. PERFORATION RECORD (Interval, size and number)			
Perforated Siluro-Devonian @ 8845'-8892' (18--1-11/16" holes; 8845', 48', 49', 64', 65', 67', 68', 73', 74', 75', 78', 79', 85', 86', 89', 90', 91', 92'.)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
8845-8892'		500 gals 15% NEFE	
8845-8892'		250 gals Xylene 750 gals	
		15% double NE-FE acid	
33. PRODUCTION			
DATE FIRST PRODUCTION 9-18-87		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 9-26-87		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 4	CHOKE SIZE 20/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 33.6
GAS—MCF. 91	WATER—BBL. 0	GAS—OIL RATIO 2696	
FLOW TUBING PRESS. 420	CASING PRESSURE -0-	CALCULATED 24-HOUR RATE →	OIL—BBL. 202
GAS—MCF. 544	WATER—BBL. -0-	OIL GRAVITY-API (CORR.) 45	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Temporarily vented, but will be sold to Transwestern			
35. LIST OF ATTACHMENTS Revised C-102, certified inclination report			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.			
SIGNED C. Brown Co. Rosas		TITLE Production Clerk	
DATE 10-2-87			

*(See Instructions and Spaces for Additional Data on Reverse Side)

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[illegible]

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

DATE OF RECEIPT	
FILE NUMBER	
FILE	
LAND OFFICE	
TRANSPORTER	OIL GAS
OPERATOR	
PRODUCTION OFFICE	

H. L. Brown, Jr.

Address
P. O. Box 2237, Midland, TX 79702

Reason(s) for filing (Check proper box)

New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

Other (Please explain)

Change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name Federal "27" Com	Well No. 1	Pool Name, Including Formation Wildcat (Undesignated)	Kind of Lease State, Federal or Fee Federal	Lease No. NM-54447
Location Unit Letter 0 ; 1650 Feet From The North Line and 660' Feet From The West Line of Section 27 Township 7S Range 37E, NMPM, Roosevelt County				

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Permian	Address (Give address to which approved copy of this form is to be sent) Box 1183, Houston, TX 77251					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> Transwestern Pipeline Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 2521, Houston, TX 77252					
(If well produces oil or liquids, give location of tanks.)	Unit 0	Sec. 27	Twp. 7S	Rge. 37E	Is gas actually connected? No	When

this production is commingled with that from any other lease or pool, give commingling order number: NA

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res'v. <input type="checkbox"/>	Diff. Res'v. <input type="checkbox"/>
Date Spudded 8-3-87	Date Compl. Ready to Prod. 9-17-87		Total Depth 9089'		P.B.T.D. 8968'			
Elevations (DF, RKB, RT, CR, etc.) 4058.1 GL	Name of Producing Formation Devonian		Top Oil/Gas Pay 8845'		Tubing Depth 8894'			
Perforations 8845'-8892'					Depth Casing Shoe 9088'			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17-1/2"	13-3/8"	517'	530
12-1/4"	8-5/8"	3875'	1600
7-7/8"	4-1/2"	9088'	450

TEST DATA AND REQUEST FOR ALLOWABLE
OIL WELL

(Text must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

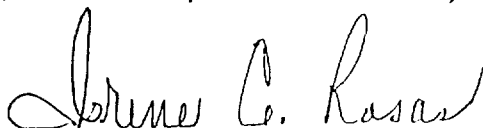
Date First New Oil Run To Tanks 9-26-87	Date of Test 9-26-87	Producing Method (Flow, pump, gas lift, etc.) Flowing	
Number of Test 4	Tubing Pressure 420	Casing Pressure -0-	Choke Size 20/64"
Actual Prod. During Test 33.6 BO/91 MCF	Oil-Bbls. 202	Water-Bbls. -0-	Gas-MCF 544

AS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.



Production Clerk

10-2-87

(Signature)

(Title)

(Date)

OIL CONSERVATION DIVISION

APPROVED _____, 19__

BY _____

TITLE _____

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiple completed wells.

Schlumberger

CU

LITHO-DENSITY/COMPENSATED NEUTRA

COMPANY:

H. L. BROWN JR.

WELL:

FEDERAL #27 CHLB, JR.

FIELD:

N. BLU

COUNTY:

ROOSEVELT

STATE:

NEW MEXICO

LOCATION:

1650 F.M.L.

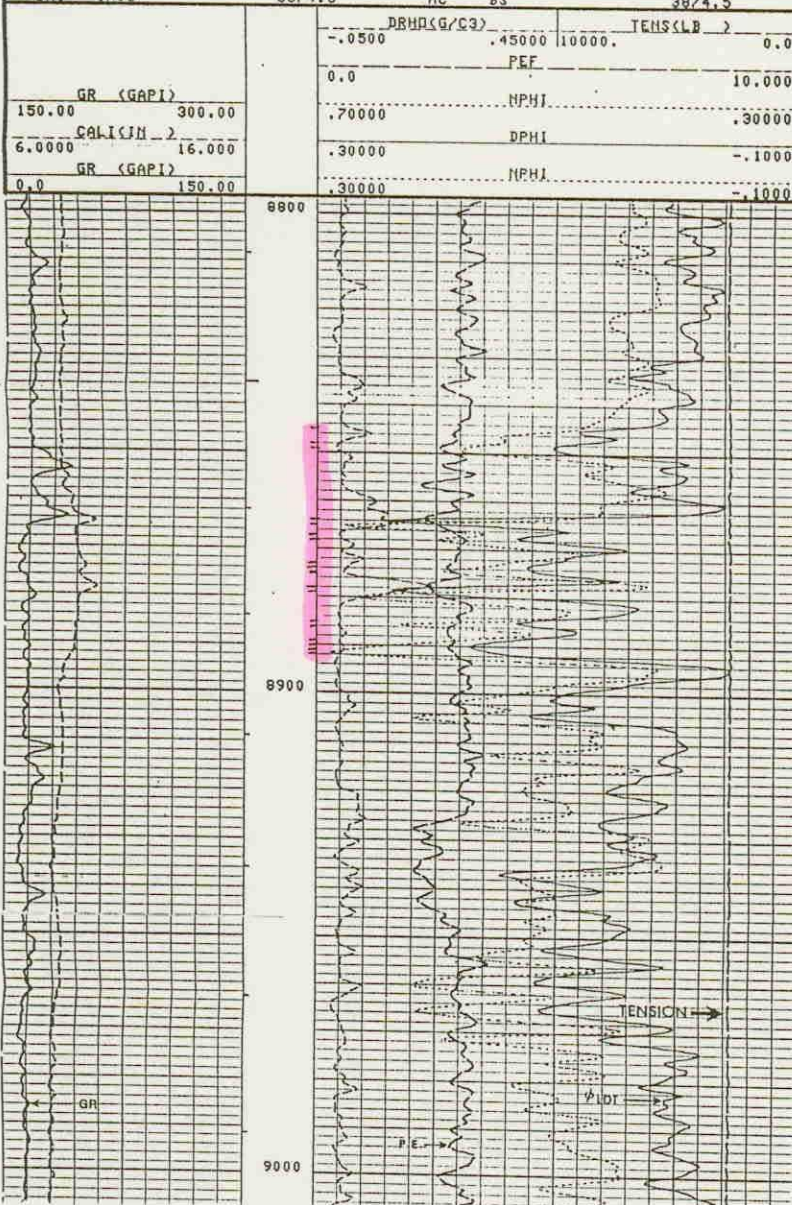
SECT:

27

DO NOT REMOVE
FROM WELL FILEPERMANENT DATUM: G.L.
ELEV. OF PERM. DATUM: 4058.0 F
LOG MEASURED FROM: K.B.
16.0 F ABOVE PERM. DATUM
DRG. MEASURED FROM: K.B.ELEVATIONS-
K.B. 4074.0 F
D.F. 4073.0 F
G.L. 4058.0 FDATE: 28 AUG 87
RUN NO: 1DEPTH-DRILLER: 9089.0 F
DEPTH-LOGGER: 9084.0 F
BTR. LOG INTERVAL: 9081.0 F
TOP LOG INTERVAL: 30.0 F
CASING-DRILLER: 3875 F
CASING-LOGGER: 3879 F
CASING: 8 5/8
BIT SIZE: 7 7/8

CHANGED PARAMETERS

NAME	VALUE	UNIT	DEPTH (F)	NAME	VALUE	UNIT	DEPTH (F)
BHS	CASE		3874.5	HC	BS		3874.5



Schlumberger

CSU

DUAL LATERAL LOG/MICRO-SFL

COMPANY: H. L. BROWN JR.

WELL: FEDERAL "27" CDM

FIELD: H. BLUITT

COUNTY: ROOSEVELT

STATE: NEW MEXICO

LOCATION: 1650 FNL & 6600 FNL

SEC: 27

PERMANENT DATUM: G.L.

ELEV. OF PERM. DATUM: 4058.0 F

LOG MEASURED FROM: K.B.

DRLG. MEASURED FROM: K.B.

DATE: 28 AUG 87

RUN NO: 1

DEPTH-DRILLER: 9089.0 F

DEPTH-LOGGER: 9094.0 F

TOP LOG INTERVAL: 9093.0 F

CASING-DRILLER: 3879 F

CASING-LOGGER: 3879 F

BIT SIZE: 7 7/8

FILE COPY

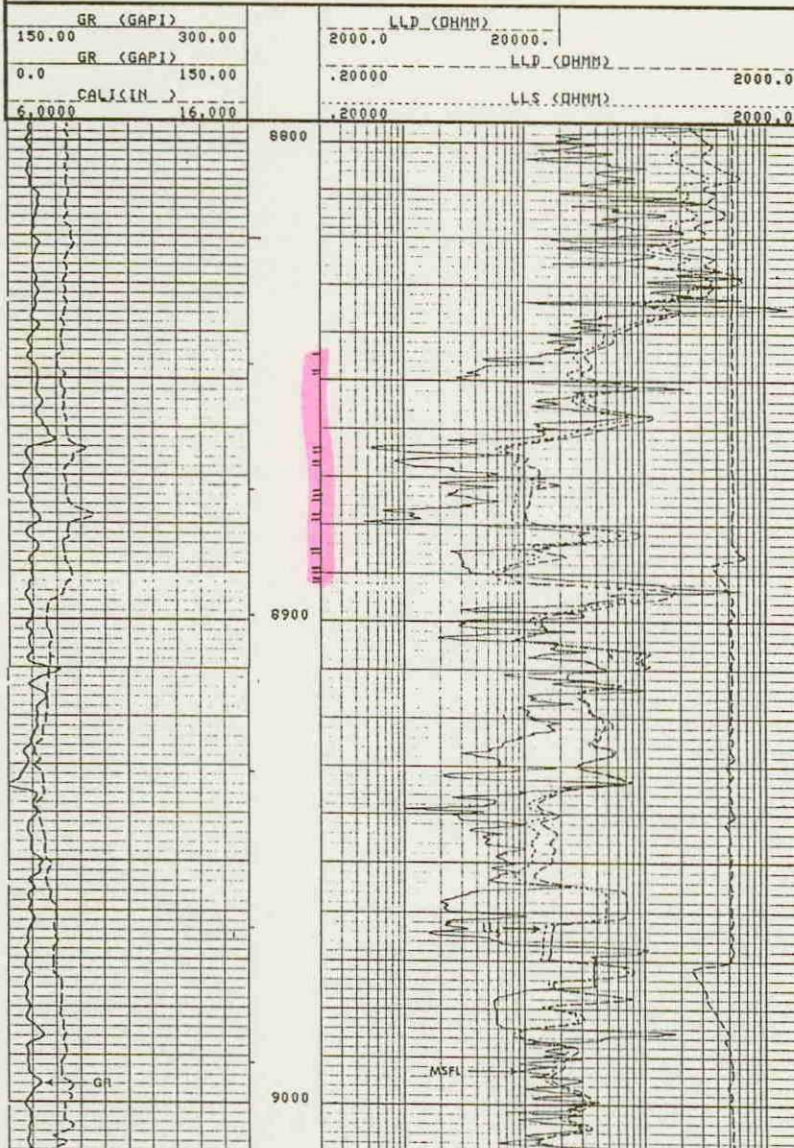
DO NOT REMOVE
FROM WELL FILE

KEL: 37-E

	ZERO		PLUS		UNITS
	BEFORE	AFTER	BEFORE	AFTER	
S10	0.0	0.0	342.5	341.9	UA
SV0	0.0	0.0	10.8	10.8	MV
D10	0.0	0.0	342.5	342.5	UA
DV0	0.0	0.0	10.8	10.8	MV
CM5F	1.0	0.9	500.0	505.1	MMHO
II	1.1	1.2	100.0	100.9	MMHO
DVI	0.0	0.0	10.8	10.8	MV

FILE 10

28-AUG-87 03:13



Schlumberger

CYBERLOOK

Field Log

COMPANY: H. L. BROWN JR.

WELL: FEDERAL #27 CON # HLB JR

FIELD: N. BLUETT
COUNTY: ROOSEVELT
STATE: NEW MEXICO

LOCATION: 1650 FNL & 6600 FNL

SEC: 27

DO NOT REMOVE
FROM WELL FILE

PERMANENT DATUM:
ELEV. OF PERM. DATUM: 4058.0 F
LOG MEASURED FROM: K.B.
DRLG. MEASURED FROM: K.B.

ELEVATIONS:
K.B. 4074.0 F
D.F. 4073.0 F
G.L. 4058.0 F

DATE: 28 AUG 87
RUN NO: 1

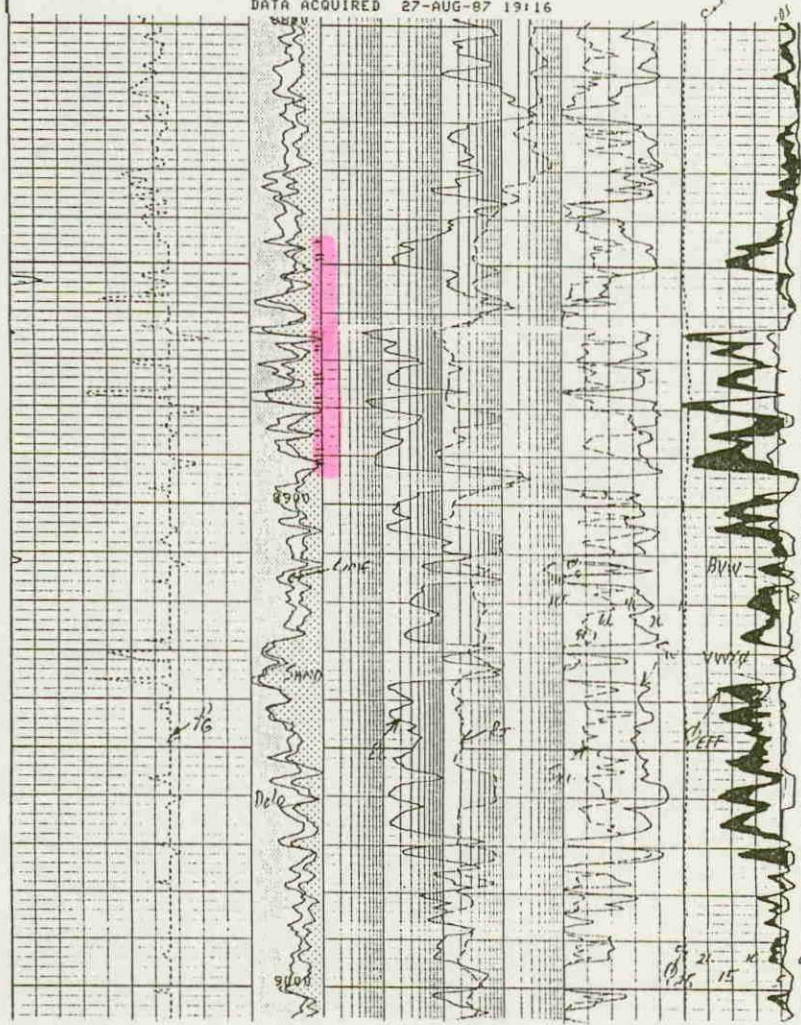
DEPTH-DRILLER: 9098.0 F
DEPTH-LOGGERS: 9094.0 F
BIT LOG INTERVAL: 9091.0 F
TOP LOG INTERVAL: 38.0 F
CASING-DRILLER: 3875 F
CASING-LOGGERS: 3872 F
CASING: 8 5/8
BIT SIZE: 7 7/8

DCAL (IN...)	20.000
SH	-1.000
VHX0	0.0
BVH	0.0
PHIE	0.0
SK0	-1.000

R0 (OHMM)	1000.0
RT (OHMM)	1000.0

RHQF (G/C3)	3.0000
MSI	1.0000

FILE 101 28-AUG-87 04:07
DATA ACQUIRED 27-AUG-87 19:16



BENNETT-CATHEY WIRE LINE SERVICE
PHONE (505) 748-3354
ARTESIA, NEW MEXICO, 88210

PRESSURE TRANSIENT TEST DATA

COMPANY: H L BROWN
LEASE: FEDERAL 27 COM
FIELD:
COUNTY: ROOSEVELT
STATUS: BOTTOM HOLE PRESSURE BUILD UP TEST

CONTACT: GREG McWILLIAMS
WELL: #1
ZONE:
STATE: NEW MEXICO
OPERATOR: BO FAULKENBERRY

PERFORATIONS FROM: 0.0'
DEPTH: 8,868.0' TO: 0.0'
TEMPERATURE: 0.0°F

ELEMENT: RP63#29353 RANGE: 6025 psig
CLOCK: 28657 RANGE: 120 hrs
ELEMENT: RP63#27628 RANGE: 6175 psig
CLOCK: 30326 RANGE: 72 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	10/30/87	13:16:00	568.0 psig
SET ELEMENT	10/30/87	14:00:00	568.0 psig
WELL SHUT IN	10/30/87	14:45:00	520.0 psig
TEST ENDED	11/02/87	12:00:00	1,618.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
10/30/87	13:59:18	-.762	1,151.1	1,164.3	1,164.3
10/30/87	14:00:00	-.750	1,148.0	1,161.2	1,161.2
10/30/87	14:15:00	-.500	1,081.1	1,094.3	1,094.3
10/30/87	14:30:00	-.250	1,083.5	1,096.7	1,096.7
10/30/87	14:45:00	0.000	1,061.9	1,075.1	1,075.1
10/30/87	14:50:00	.083	1,114.2	1,127.4	1,127.4
10/30/87	14:55:00	.167	1,147.7	1,160.9	1,160.9
10/30/87	15:00:00	.250	1,173.4	1,186.6	1,186.6
10/30/87	15:05:00	.333	1,198.0	1,211.2	1,211.2
10/30/87	15:10:00	.417	1,221.8	1,235.0	1,235.0
10/30/87	15:15:00	.500	1,243.4	1,256.6	1,256.6
10/30/87	15:20:00	.583	1,263.2	1,276.4	1,276.4
10/30/87	15:25:00	.667	1,282.7	1,295.9	1,295.9
10/30/87	15:30:00	.750	1,298.7	1,311.9	1,311.9
10/30/87	15:35:00	.833	1,314.7	1,327.9	1,327.9
10/30/87	15:40:00	.917	1,330.1	1,343.3	1,343.3
10/30/87	15:45:00	1.000	1,345.5	1,358.7	1,358.7
10/30/87	15:50:00	1.083	1,360.6	1,373.8	1,373.8
10/30/87	15:55:00	1.167	1,375.2	1,388.4	1,388.4
10/30/87	16:00:00	1.250	1,388.9	1,402.1	1,402.1
10/30/87	16:05:00	1.333	1,402.4	1,415.6	1,415.6
10/30/87	16:10:00	1.417	1,415.6	1,428.8	1,428.8

BENNETT-CATHEY WIRE LINE SERVICE

PHONE (505) 748-3354

ARTESIA, NEW MEXICO, 88210

PRESSURE TRANSIENT TEST DATA

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
10/30/87	16:15:00	1.500	1,428.7	1,441.9	1,441.9
10/30/87	16:20:00	1.583	1,441.3	1,454.5	1,454.5
10/30/87	16:25:00	1.667	1,454.0	1,467.2	1,467.2
10/30/87	16:30:00	1.750	1,464.7	1,477.9	1,477.9
10/30/87	16:35:00	1.833	1,475.4	1,488.6	1,488.6
10/30/87	16:40:00	1.917	1,487.1	1,500.3	1,500.3
10/30/87	16:45:00	2.000	1,499.5	1,512.7	1,512.7
10/30/87	17:00:00	2.250	1,532.1	1,545.3	1,545.3
10/30/87	17:15:00	2.500	1,563.1	1,576.3	1,576.3
10/30/87	17:30:00	2.750	1,592.5	1,605.7	1,605.7
10/30/87	17:45:00	3.000	1,620.4	1,633.6	1,633.6
10/30/87	18:00:00	3.250	1,648.7	1,661.9	1,661.9
10/30/87	18:15:00	3.500	1,675.4	1,688.6	1,688.6
10/30/87	18:30:00	3.750	1,700.4	1,713.6	1,713.6
10/30/87	18:45:00	4.000	1,723.2	1,736.4	1,736.4
10/30/87	19:00:00	4.250	1,744.9	1,758.1	1,758.1
10/30/87	19:15:00	4.500	1,766.2	1,779.4	1,779.4
10/30/87	19:30:00	4.750	1,788.0	1,801.2	1,801.2
10/30/87	19:45:00	5.000	1,808.7	1,821.9	1,821.9
10/30/87	20:00:00	5.250	1,828.1	1,841.3	1,841.3
10/30/87	20:15:00	5.500	1,847.5	1,860.7	1,860.7
10/30/87	20:30:00	5.750	1,866.3	1,879.5	1,879.5
10/30/87	20:45:00	6.000	1,884.2	1,897.4	1,897.4
10/30/87	21:00:00	6.250	1,902.2	1,915.4	1,915.4
10/30/87	21:15:00	6.500	1,918.5	1,931.7	1,931.7
10/30/87	21:30:00	6.750	1,934.2	1,947.4	1,947.4
10/30/87	21:45:00	7.000	1,950.0	1,963.2	1,963.2
10/30/87	22:00:00	7.250	1,965.2	1,978.4	1,978.4
10/30/87	22:15:00	7.500	1,980.0	1,993.2	1,993.2
10/30/87	22:30:00	7.750	1,994.9	2,008.1	2,008.1
10/30/87	22:45:00	8.000	2,009.8	2,023.0	2,023.0
10/30/87	23:00:00	8.250	2,023.6	2,036.8	2,036.8
10/30/87	23:15:00	8.500	2,036.8	2,050.0	2,050.0
10/30/87	23:30:00	8.750	2,050.1	2,063.3	2,063.3
10/30/87	23:45:00	9.000	2,063.3	2,076.5	2,076.5
10/31/87	00:00:00	9.250	2,075.9	2,089.1	2,089.1
10/31/87	00:15:00	9.500	2,087.6	2,100.8	2,100.8
10/31/87	00:30:00	9.750	2,099.3	2,112.5	2,112.5
10/31/87	00:45:00	10.000	2,111.0	2,124.2	2,124.2
10/31/87	01:00:00	10.250	2,122.7	2,135.9	2,135.9
10/31/87	01:15:00	10.500	2,133.4	2,146.6	2,146.6
10/31/87	01:30:00	10.750	2,143.6	2,156.8	2,156.8
10/31/87	01:45:00	11.000	2,153.8	2,167.0	2,167.0
10/31/87	02:00:00	11.250	2,164.0	2,177.2	2,177.2
10/31/87	02:15:00	11.500	2,174.2	2,187.4	2,187.4
10/31/87	02:30:00	11.750	2,183.6	2,196.8	2,196.8

BENNETT-CATHEY WIRE LINE SERVICE
 PHONE (505) 748-3354
 ARTESIA, NEW MEXICO, 88210

PRESSURE TRANSIENT TEST DATA

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
10/31/87	02:45:00	12.000	2,192.6	2,205.8	2,205.8
10/31/87	03:00:00	12.250	2,201.7	2,214.9	2,214.9
10/31/87	03:15:00	12.500	2,210.7	2,223.9	2,223.9
10/31/87	03:30:00	12.750	2,219.5	2,232.7	2,232.7
10/31/87	03:45:00	13.000	2,228.1	2,241.3	2,241.3
10/31/87	04:00:00	13.250	2,236.6	2,249.8	2,249.8
10/31/87	04:15:00	13.500	2,245.2	2,258.4	2,258.4
10/31/87	04:30:00	13.750	2,253.7	2,266.9	2,266.9
10/31/87	04:45:00	14.000	2,261.9	2,275.1	2,275.1
10/31/87	05:00:00	14.250	2,269.3	2,282.5	2,282.5
10/31/87	05:15:00	14.500	2,276.7	2,289.9	2,289.9
10/31/87	05:30:00	14.750	2,284.1	2,297.3	2,297.3
10/31/87	05:45:00	15.000	2,291.5	2,304.7	2,304.7
10/31/87	06:00:00	15.250	2,297.8	2,311.0	2,311.0
10/31/87	06:15:00	15.500	2,304.1	2,317.3	2,317.3
10/31/87	06:30:00	15.750	2,310.3	2,323.5	2,323.5
10/31/87	06:45:00	16.000	2,316.6	2,329.8	2,329.8
10/31/87	07:00:00	16.250	2,322.8	2,336.0	2,336.0
10/31/87	07:15:00	16.500	2,328.9	2,342.1	2,342.1
10/31/87	07:30:00	16.750	2,334.7	2,347.9	2,347.9
10/31/87	07:45:00	17.000	2,340.6	2,353.8	2,353.8
10/31/87	08:00:00	17.250	2,346.4	2,359.6	2,359.6
10/31/87	08:15:00	17.500	2,352.3	2,365.5	2,365.5
10/31/87	08:30:00	17.750	2,358.2	2,371.4	2,371.4
10/31/87	08:45:00	18.000	2,364.0	2,377.2	2,377.2
10/31/87	09:00:00	18.250	2,369.2	2,382.4	2,382.4
10/31/87	09:15:00	18.500	2,374.2	2,387.4	2,387.4
10/31/87	09:30:00	18.750	2,379.2	2,392.4	2,392.4
10/31/87	09:45:00	19.000	2,384.2	2,397.4	2,397.4
10/31/87	10:00:00	19.250	2,389.1	2,402.3	2,402.3
10/31/87	10:15:00	19.500	2,394.1	2,407.3	2,407.3
10/31/87	10:30:00	19.750	2,399.1	2,412.3	2,412.3
10/31/87	10:45:00	20.000	2,403.6	2,416.8	2,416.8
10/31/87	11:00:00	20.250	2,407.7	2,420.9	2,420.9
10/31/87	11:15:00	20.500	2,411.9	2,425.1	2,425.1
10/31/87	11:30:00	20.750	2,416.1	2,429.3	2,429.3
10/31/87	11:45:00	21.000	2,420.3	2,433.5	2,433.5
10/31/87	12:00:00	21.250	2,424.4	2,437.6	2,437.6
10/31/87	12:15:00	21.500	2,428.6	2,441.8	2,441.8
10/31/87	12:30:00	21.750	2,432.8	2,446.0	2,446.0
10/31/87	12:45:00	22.000	2,436.9	2,450.1	2,450.1
10/31/87	13:00:00	22.250	2,441.1	2,454.3	2,454.3
10/31/87	13:15:00	22.500	2,444.6	2,457.8	2,457.8
10/31/87	13:30:00	22.750	2,448.0	2,461.2	2,461.2
10/31/87	13:45:00	23.000	2,451.4	2,464.6	2,464.6
10/31/87	14:00:00	23.250	2,454.9	2,468.1	2,468.1

BENNETT-CATHEY WIRE LINE SERVICE
 PHONE (505) 748-3354
 ARTESIA, NEW MEXICO, 88210

PRESSURE TRANSIENT TEST DATA

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
10/31/87	14:15:00	23.500	2,458.3	2,471.5	2,471.5
10/31/87	14:30:00	23.750	2,461.7	2,474.9	2,474.9
10/31/87	14:45:00	24.000	2,465.2	2,478.4	2,478.4
10/31/87	15:00:00	24.250	2,468.6	2,481.8	2,481.8
10/31/87	15:15:00	24.500	2,471.7	2,484.9	2,484.9
10/31/87	15:30:00	24.750	2,474.5	2,487.7	2,487.7
10/31/87	15:45:00	25.000	2,477.2	2,490.4	2,490.4
10/31/87	16:00:00	25.250	2,480.0	2,493.2	2,493.2
10/31/87	16:15:00	25.500	2,482.7	2,495.9	2,495.9
10/31/87	16:30:00	25.750	2,485.5	2,498.7	2,498.7
10/31/87	16:45:00	26.000	2,488.2	2,501.4	2,501.4
10/31/87	17:00:00	26.250	2,491.0	2,504.2	2,504.2
10/31/87	17:15:00	26.500	2,493.7	2,506.9	2,506.9
10/31/87	17:30:00	26.750	2,496.5	2,509.7	2,509.7
10/31/87	17:45:00	27.000	2,499.2	2,512.4	2,512.4
10/31/87	18:00:00	27.250	2,502.0	2,515.2	2,515.2
10/31/87	18:15:00	27.500	2,504.7	2,517.9	2,517.9
10/31/87	18:30:00	27.750	2,507.3	2,520.5	2,520.5
10/31/87	18:45:00	28.000	2,509.8	2,523.0	2,523.0
10/31/87	19:00:00	28.250	2,512.4	2,525.6	2,525.6
10/31/87	19:15:00	28.500	2,515.0	2,528.2	2,528.2
10/31/87	19:30:00	28.750	2,517.6	2,530.8	2,530.8
10/31/87	19:45:00	29.000	2,520.2	2,533.4	2,533.4
10/31/87	20:00:00	29.250	2,522.8	2,536.0	2,536.0
10/31/87	20:15:00	29.500	2,525.3	2,538.5	2,538.5
10/31/87	20:30:00	29.750	2,527.4	2,540.6	2,540.6
10/31/87	20:45:00	30.000	2,529.4	2,542.6	2,542.6
10/31/87	21:00:00	30.250	2,531.5	2,544.7	2,544.7
10/31/87	21:15:00	30.500	2,533.6	2,546.8	2,546.8
10/31/87	21:30:00	30.750	2,535.6	2,548.8	2,548.8
10/31/87	21:45:00	31.000	2,537.7	2,550.9	2,550.9
10/31/87	22:00:00	31.250	2,539.8	2,553.0	2,553.0
10/31/87	22:15:00	31.500	2,541.7	2,554.9	2,554.9
10/31/87	22:30:00	31.750	2,543.5	2,556.7	2,556.7
10/31/87	22:45:00	32.000	2,545.3	2,558.5	2,558.5
10/31/87	23:00:00	32.250	2,547.1	2,560.3	2,560.3
10/31/87	23:15:00	32.500	2,548.9	2,562.1	2,562.1
10/31/87	23:30:00	32.750	2,550.8	2,564.0	2,564.0
10/31/87	23:45:00	33.000	2,552.6	2,565.8	2,565.8
11/01/87	00:00:00	33.250	2,554.4	2,567.6	2,567.6
11/01/87	00:15:00	33.500	2,556.0	2,569.2	2,569.2
11/01/87	00:30:00	33.750	2,557.7	2,570.9	2,570.9
11/01/87	00:45:00	34.000	2,559.4	2,572.6	2,572.6
11/01/87	01:00:00	34.250	2,561.0	2,574.2	2,574.2
11/01/87	01:15:00	34.500	2,562.7	2,575.9	2,575.9
11/01/87	01:30:00	34.750	2,564.3	2,577.5	2,577.5

BENNETT-CATHEY WIRE LINE SERVICE
 PHONE (505) 748-3354
 ARTESIA, NEW MEXICO, 88210

PRESSURE TRANSIENT TEST DATA

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
11/01/87	01:45:00	35.000	2,566.0	2,579.2	2,579.2
11/01/87	02:00:00	35.250	2,567.5	2,580.7	2,580.7
11/01/87	02:15:00	35.500	2,568.9	2,582.1	2,582.1
11/01/87	02:30:00	35.750	2,570.4	2,583.6	2,583.6
11/01/87	02:45:00	36.000	2,571.8	2,585.0	2,585.0
11/01/87	03:00:00	36.250	2,573.3	2,586.5	2,586.5
11/01/87	03:15:00	36.500	2,574.7	2,587.9	2,587.9
11/01/87	03:30:00	36.750	2,576.2	2,589.4	2,589.4
11/01/87	03:45:00	37.000	2,577.6	2,590.8	2,590.8
11/01/87	04:00:00	37.250	2,579.1	2,592.3	2,592.3
11/01/87	04:15:00	37.500	2,580.5	2,593.7	2,593.7
11/01/87	04:30:00	37.750	2,582.0	2,595.2	2,595.2
11/01/87	04:45:00	38.000	2,583.4	2,596.6	2,596.6
11/01/87	05:00:00	38.250	2,584.8	2,598.0	2,598.0
11/01/87	05:15:00	38.500	2,586.3	2,599.5	2,599.5
11/01/87	05:30:00	38.750	2,587.7	2,600.9	2,600.9
11/01/87	05:45:00	39.000	2,588.8	2,602.0	2,602.0
11/01/87	06:00:00	39.250	2,589.7	2,602.9	2,602.9
11/01/87	06:15:00	39.500	2,590.7	2,603.9	2,603.9
11/01/87	06:30:00	39.750	2,591.6	2,604.8	2,604.8
11/01/87	06:45:00	40.000	2,592.6	2,605.8	2,605.8
11/01/87	07:00:00	40.250	2,593.5	2,606.7	2,606.7
11/01/87	07:15:00	40.500	2,594.5	2,607.7	2,607.7
11/01/87	07:30:00	40.750	2,595.5	2,608.7	2,608.7
11/01/87	07:45:00	41.000	2,596.6	2,609.8	2,609.8
11/01/87	08:00:00	41.250	2,597.7	2,610.9	2,610.9
11/01/87	08:15:00	41.500	2,598.8	2,612.0	2,612.0
11/01/87	08:30:00	41.750	2,599.8	2,613.0	2,613.0
11/01/87	08:45:00	42.000	2,600.9	2,614.1	2,614.1
11/01/87	09:00:00	42.250	2,602.0	2,615.2	2,615.2
11/01/87	09:15:00	42.500	2,603.0	2,616.2	2,616.2
11/01/87	09:30:00	42.750	2,604.1	2,617.3	2,617.3
11/01/87	09:45:00	43.000	2,605.3	2,618.5	2,618.5
11/01/87	10:00:00	43.250	2,606.4	2,619.6	2,619.6
11/01/87	10:15:00	43.500	2,607.5	2,620.7	2,620.7
11/01/87	10:30:00	43.750	2,608.6	2,621.8	2,621.8
11/01/87	10:45:00	44.000	2,609.7	2,622.9	2,622.9
11/01/87	11:00:00	44.250	2,610.8	2,624.0	2,624.0
11/01/87	11:15:00	44.500	2,612.0	2,625.2	2,625.2
11/01/87	11:30:00	44.750	2,612.7	2,625.9	2,625.9
11/01/87	11:45:00	45.000	2,613.4	2,626.6	2,626.6
11/01/87	12:00:00	45.250	2,614.0	2,627.2	2,627.2
11/01/87	12:15:00	45.500	2,614.7	2,627.9	2,627.9
11/01/87	12:30:00	45.750	2,615.3	2,628.5	2,628.5
11/01/87	12:45:00	46.000	2,616.0	2,629.2	2,629.2
11/01/87	13:00:00	46.250	2,616.7	2,629.9	2,629.9

BENNETT-CATHEY WIRE LINE SERVICE
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PRESSURE TRANSIENT TEST DATA

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
11/01/87	13:15:00	46.500	2,617.3	2,630.5	2,630.5
11/01/87	13:30:00	46.750	2,618.1	2,631.3	2,631.3
11/01/87	13:45:00	47.000	2,619.2	2,632.4	2,632.4
11/01/87	14:00:00	47.250	2,620.3	2,633.5	2,633.5
11/01/87	14:15:00	47.500	2,621.4	2,634.6	2,634.6
11/01/87	14:30:00	47.750	2,622.5	2,635.7	2,635.7
11/01/87	14:45:00	48.000	2,623.6	2,636.8	2,636.8
11/01/87	15:00:00	48.250	2,624.7	2,637.9	2,637.9
11/01/87	15:15:00	48.500	2,625.8	2,639.0	2,639.0
11/01/87	15:30:00	48.750	2,626.9	2,640.1	2,640.1
11/01/87	15:45:00	49.000	2,627.8	2,641.0	2,641.0
11/01/87	16:00:00	49.250	2,628.5	2,641.7	2,641.7
11/01/87	16:15:00	49.500	2,629.2	2,642.4	2,642.4
11/01/87	16:30:00	49.750	2,629.9	2,643.1	2,643.1
11/01/87	16:45:00	50.000	2,630.6	2,643.8	2,643.8
11/01/87	17:45:00	51.000	2,633.4	2,646.6	2,646.6
11/01/87	18:45:00	52.000	2,636.2	2,649.4	2,649.4
11/01/87	19:45:00	53.000	2,638.9	2,652.1	2,652.1
11/01/87	20:45:00	54.000	2,641.6	2,654.8	2,654.8
11/01/87	21:45:00	55.000	2,644.2	2,657.4	2,657.4
11/01/87	22:45:00	56.000	2,646.9	2,660.1	2,660.1
11/01/87	23:45:00	57.000	2,649.5	2,662.7	2,662.7
11/02/87	00:45:00	58.000	2,652.1	2,665.3	2,665.3
11/02/87	01:45:00	59.000	2,654.7	2,667.9	2,667.9
11/02/87	02:45:00	60.000	2,659.1	2,672.3	2,672.3
11/02/87	03:45:00	61.000	2,663.8	2,677.0	2,677.0
11/02/87	04:45:00	62.000	2,668.5	2,681.7	2,681.7
11/02/87	05:45:00	63.000	2,672.2	2,685.4	2,685.4
11/02/87	06:45:00	64.000	2,675.4	2,688.6	2,688.6
11/02/87	07:45:00	65.000	2,678.6	2,691.8	2,691.8
11/02/87	08:45:00	66.000	2,682.3	2,695.5	2,695.5
11/02/87	09:45:00	67.000	2,687.3	2,700.5	2,700.5
11/02/87	10:45:00	68.000	2,692.3	2,705.5	2,705.5
11/02/87	11:45:00	69.000	2,697.3	2,710.5	2,710.5
11/02/87	11:59:22	69.240	2,698.5	2,711.7	2,711.7

**SOUTH WATERFLOW POOL
SOUTH WATERFLOW SPACING AREA
San Juan County, New Mexico**

Order No. R-2612, Creating a Spacing Area, Adopting Temporary Operating Rules and Establishing an Administrative Procedure for Approval of Interference Tests and Transfer of Allowables for the South Waterflow Pool and the South Waterflow Spacing Area, San Juan County, New Mexico, January 1, 1964, Abolished by Order No. R-2612-A, January 25, 1965.

**NORTH SAWYER-DEVONIAN POOL
Roosevelt County, New Mexico**

Order No. R-2861, Adopting Temporary Operating Rules for the North Sawyer-Devonian Pool, Roosevelt County, New Mexico, January 20, 1965.

Order No. R-2861-A, March 1, 1966, makes permanent the rules adopted in Order No. R-2861.

Application of Tom. L. Ingram for Special Pool-Rules for the North Sawyer-Devonian Pool, Roosevelt County, New Mexico.

CASE NO. 3187
Order No. R-2861

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 10 o'clock a.m. on January 6, 1965, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 20th day of January, 1965, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, Tom L. Ingram, seeks the promulgation of temporary special rules and regulations for the North

Sawyer-Devonian Pool in Township 8 South, Range 38 East, NMPM, Roosevelt County, New Mexico, including a provision for 80-acre spacing units.

(3) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, temporary special rules and regulations providing for 80-acre spacing units should be promulgated for the North Sawyer-Devonian Pool.

(4) That the temporary special rules and regulations should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.

(5) That the temporary special rules and regulations should be established for a one-year period in order to allow the operators in the subject pool to gather reservoir information to establish the area that can be efficiently and economically drained and developed by one well.

(6) That this case should be reopened at an examiner hearing in February, 1966, at which time the operators in the subject pool should be prepared to appear and show cause why the North Sawyer-Devonian Pool should not be developed on 40-acre spacing units.

IT IS THEREFORE ORDERED:

That temporary Special Rules and Regulations for the North Sawyer-Devonian Pool are hereby promulgated as follows:

**SPECIAL RULES AND REGULATIONS
FOR THE
NORTH SAWYER-DEVONIAN POOL**

RULE 1. Each well completed or recompleted in the North Sawyer-Devonian Pool or in the Devonian formation within one mile thereof, and not nearer to or within the limits of another designated Devonian oil pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section; provided, however, that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.

RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit comprising a governmental quarter-quarter section or lot. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or

(NORTH SAWYER-DEVONIAN POOL - Cont'd.)

If no offset operator has entered an objection to the formation of the non-standard unit within 30 days after the Secretary-Director has received the application.

RULE 4. Each well shall be located within 150 feet of the center of a governmental quarter-quarter section or lot.

RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the proposed unorthodox location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the unorthodox location within 20 days after the Secretary-Director has received the application.

RULE 6. A standard proration unit (79 through 81 acres) shall be assigned an 80-acre proportional factor of 0.67 for allowable purposes, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.

IT IS FURTHER ORDERED:

(1) That any well presently drilling to or completed in the North Sawyer-Devonian Pool or in the Devonian formation within one mile thereof that will not comply with the well location requirements of Rule 4 is hereby granted an exception to the requirements of said rule. The operator shall notify the Hobbs District Office of the Commission in writing of the name and location of the well on or before February 15, 1965.

(2) That each well presently drilling to or completed in the North Sawyer-Devonian Pool or in the Devonian formation within one mile thereof shall receive a 40-acre allowable until a Form C-102 dedicating 80 acres to the well has been filed with the Commission.

(3) That this case shall be reopened at an examiner hearing in February, 1966, at which time the operators in the subject pool may appear and show cause why the North Sawyer-Devonian Pool should not be developed on 40-acre spacing units.

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

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

TEAS-PENNSYLVANIAN GAS POOL
Lea County, New Mexico

Order No. R-2627, Creating and Adopting Temporary Operating Rules for the Teas-Pennsylvanian Gas Pool, Lea County, New Mexico, December 27, 1963.

Order No. R-2627, June 15, 1966, makes permanent the rules adopted in Order No. R-2627.

Application of Sinclair Oil & Gas Company for the Creation of the Teas-Pennsylvanian Gas Pool and for Special Temporary Pool Rules, Lea County, New Mexico.

CASE NO. 2844
Order No. R-2627

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 o'clock a.m. on June 26, 1963, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 27th day of December, 1963, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, Sinclair Oil & Gas Company, seeks the creation of a new gas pool for Pennsylvanian production and the promulgation of temporary special rules and regulations governing said pool, including a provision for 640-acre spacing units.

(3) That a new gas pool for Pennsylvanian production should be created and designated the Teas-Pennsylvanian Gas Pool; that said pool was discovered by the Sinclair Oil & Gas Company Mahaffey-Federal (ARC) Well No. 1, located in Unit C of Section 14, Township 20 South, Range 33 East, NMPM, Lea County, New Mexico.

(4) That the evidence establishes that the permeability of the Pennsylvanian formation in said proposed Teas-Pennsylvanian Gas Pool is insufficient to substantiate efficient and economic drainage of 640 acres by one well.

(5) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of

SOUTH PRAIRIE-DEVONIAN POOL
Roosevelt County, New Mexico

Order No. R-3533, Adopting Temporary Operating Rules for the South Prairie-Devonian Pool, Roosevelt County, New Mexico, October 23, 1968.

Order No. R-3533-A, October 14, 1969, makes permanent the rules adopted in Order No. R-3533.

Application of J. M. Huber Corporation for the Creation of a New Oil Pool and for Special Pool Rules, Roosevelt County, New Mexico.

CASE NO. 3881
Order No. R-3533

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a. m. on October 9, 1968, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 23rd day of October, 1968, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, J. M. Huber Corporation, seeks the creation of a new oil pool for Devonian production in Roosevelt County, New Mexico, and the promulgation of special rules and regulations governing said pool, including a provision for 80-acre spacing units.

(3) That the J. M. Huber Corporation Lone Star Federal Well No. 1, located in the NE/4 NE/4 of Section 20, Township 8 South, Range 36 East, NMPM, Roosevelt County, New Mexico, has discovered a separate common source of supply which should be designated the South Prairie-Devonian Pool; that the vertical limits of said pool should be the Devonian formation; that the horizontal limits of said pool should be the E/2 NE/4 of the aforesaid Section 20.

(4) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, temporary special rules and regulations providing for 80-acre spacing units should be promulgated for the South Prairie-Devonian Pool.

(5) That the temporary special rules and regulations should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.

(6) That the temporary special rules and regulations should be established for a one-year period in order to allow the operators in the subject pool to gather reservoir information to establish the area that can be efficiently and economically drained and developed by one well.

(7) That this case should be reopened at an examiner hearing in October, 1969, at which time the operators in the subject pool should be prepared to appear and show cause why the South Prairie-Devonian Pool should not be developed on 40-acre spacing units.

IT IS THEREFORE ORDERED:

(1) That a new pool in Roosevelt County, New Mexico, classified as an oil pool for Devonian production, is hereby created and designated the South Prairie-Devonian Pool, with vertical limits comprising the Devonian formation, and horizontal limits comprising the E/2 NE/4 of Section 20, Township 8 South, Range 36 East, NMPM, Roosevelt County, New Mexico.

(2) That temporary Special Rules and Regulations for the South Prairie-Devonian Pool, Roosevelt County, New Mexico, are hereby promulgated as follows:

**SPECIAL RULES AND REGULATIONS
FOR THE
SOUTH PRAIRIE-DEVONIAN POOL**

RULE 1. Each well completed or recompleted in the South Prairie-Devonian Pool or in the Devonian formation within one mile thereof, and not nearer to or within the limits of another designated Devonian oil pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section; provided, however, that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.

RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit comprising a governmental quarter-quarter section or lot, or the unorthodox size or shape of the tract is due to a variation in the legal subdivision of the United States Public Land Surveys. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset

(SOUTH PRAIRIE-DEVONIAN POOL - Cont'd.)

operator has entered an objection to the formation of the non-standard unit within 30 days after the Secretary-Director has received the application.

RULE 4. Each well shall be located within 150 feet of the center of a governmental quarter-quarter section or lot.

RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions including an existing well on the quarter-quarter section or lot or the recompletion of a well previously drilled to another horizon. All operators offsetting the proposed location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all operators offsetting the proposed location or if no objection to the unorthodox location has been entered within 20 days after the Secretary-Director has received the application.

RULE 6. A standard proration unit (79 through 81 acres) shall be assigned an 80-acre proportional factor of 7.75 for allowable purposes, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.

IT IS FURTHER ORDERED:

(1) That the locations of all wells presently drilling to or completed in the South Prairie-Devonian Pool or in the Devonian formation within one mile thereof are hereby approved; that the operator of any well having an unorthodox location shall notify the Hobbs District Office of the Commission in writing of the name and location of the well on or before November 15, 1968.

(2) That each well presently drilling to or completed in the South Prairie-Devonian Pool or in the Devonian formation within one mile thereof shall receive a 40-acre allowable until a Form C-102 dedicating 80 acres to the well has been filed with the Commission.

(3) That this case shall be reopened at an examiner hearing in October, 1969, at which time the operators in the subject pool may appear and show cause why the South Prairie-Devonian Pool should not be developed on 40-acre spacing units.

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

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

**NORTH OSUDO-MORROW GAS POOL
Lea County, New Mexico**

Order No. R-3305, Adopting Temporary Operating Rules for the North Osudo-Morrow Gas Pool, Lea County, New Mexico, August 29, 1967.

Order No. R-3305-A, August 13, 1968, makes permanent the rules adopted in Order No. R-3305.

Application of Pan American Petroleum Corporation for Special Pool Rules, Lea County, New Mexico.

CASE NO. 3642
Order No. R-3305

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on August 23, 1967, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 29th day of August, 1967, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, Pan American Petroleum Corporation, seeks the promulgation of special rules and regulations for the North Osudo-Morrow Gas Pool, Lea County, New Mexico, including a provision for 640-acre spacing units and specified well locations.

(3) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, temporary special rules and regulations providing for 640-acre spacing units should be promulgated for the North Osudo-Morrow Gas Pool.

(4) That the temporary special rules and regulations should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.

(5) That the temporary special rules and regulations should be established for a one-year period in order to allow the operators in the subject pool to gather reservoir information to establish the area that can be efficiently and economically drained and developed by one well.

SPECIAL POOL RULES

RULE 1. Each well completed or recompleted in the pool or in the formation within one mile thereof, and not nearer to or within the limits of another designated oil pool, shall be spaced, drilled, operated and produced in accordance with the Special Rules hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section being a legal subdivision of the United States Public Lands Survey; provided, however, nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.

RULE 3. The Director of the Division may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit comprising a single governmental quarter-quarter section or lot, or the unorthodox size or shape of the tract is due to a variation in the legal subdivision of the United States Public Land Surveys. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished.

The Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the non-standard unit within 30 days after the Director has received the application.

RULE 4. Each well shall be located within 150 feet of the center of a governmental quarter-quarter section or lot.

RULE 5. The Director may grant an exception to the requirements of Rule 4 without hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the proposed location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Director may approve the application upon receipt of written waivers from all operators offsetting the proposed location or if no objection to the unorthodox location has been entered within 20 days after the Director has received the application.

RULE 6. The allowable for a standard proration unit (79 through 81 acres) shall be based on a depth bracket allowable of 222 barrels per day, and in the event there is

more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion. The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.

PADILLA & SNYDER
ATTORNEYS AT LAW
200 W. MARCY, SUITE 212
P.O. BOX 2523
SANTA FE, NEW MEXICO 87504-2523
(505) 988-7577

November 12, 1987

TO: ALL INTEREST OWNERS (See attached list)
RE: Notice of Application for Special Pool Rules

Pursuant to the Rules and Regulations of the General Rules of the Oil Conservation Division of New Mexico, notice is hereby given of the above-referenced application.

Very truly yours,

Ernest L. Padilla

Ernest L. Padilla

by W.J. Padilla, Secy

ELP:crk

Enclosure: Copy of Amended Application

INTEREST OWNERS

1. Tenneco Oil Company
7990 IH 10 West
San Antonio, Texas 78230
2. Leo Dement
S & S Property
133 E. Texas Drive
Portales, New Mexico 88130
3. Richard L. Griffith
2513 54th Street
Lubbock, Texas 79413
4. Clifford W. Borden
1320 S. Avenue F
Portales, New Mexico 88130
5. Mary Ann Benson
Trustee of the Clifford W. Borden
and Mary Alice Borden Trust
1320 S. Avenue F
Portales, New Mexico 88130
6. Robert L. Borden, Jr.
Trustee under Robert L. and Olga
O. Borden Revocable Trust
P. O. Box 28
Portales, New Mexico 88130
7. Dorothy McGee
P. O. Box 684
Mexia, Texas 76667
8. Hamilton E. McRae and Adrian McRae
Violet G. Stubberman
Tom Sealy and Mary V. Sealy
P. O. Box 1540
Midland, Texas 79702

9. Estate of George G. Slentz
Louise Slentz, Executrix
c/o Bill Waters
Attorney at Law
P. O. Box 662
Pampa, Texas 79066
10. Betty Hawkins Moore
Donald L. Moore
100 Seventh Hollys Drive
Yorktown, Virginia 23693
11. Betty Hawkins McRae
Hamilton E. McRae, III
8101 North 47th Street
Paradise Valley, Arizona 85253
12. Evelyn Minear
3308 Ma'Mar
Midland, Texas 79703
13. Elva Minca Shalfant
208 Mimbus
El Paso, Texas 79912
14. W. B. Collins and Margaret Collins
Paul Davis, Jr. and Betty Rae Davis
F. Farell Davis and Polly Davis
c/o 802 Republic First National Bank Building
Midland, Texas 79701