

INJECTION WELL DATA SHEET

SIDE 1

EXHIBIT 2

OPERATOR LEASE  
 KERR-MCGEE CORPORATION STATE "F"  
 WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE  
 1 660' FNL & 660' FWL 2 8S 33E

Schematic

Attached

Tubular Data

Surface Casing  
 Size 8-5/8 " Cemented with 275 gx.  
 TOC surface feet determined by circ out 20 sxs  
 Hole size 12 1/4"

Intermediate Casing

Size " Cemented with gx.  
 TOC feet determined by

Hole size \_\_\_\_\_

Long string

Size 5 1/2 " Cemented with 300 gx.  
 TOC 3200 feet determined by temperature survey

Hole size 7-7/8"

Total depth 4380'

Injection Interval

4211 feet to 4345 feet  
 (perforated ~~XXXXXXXXXXXX~~, indicate which)

*Ken m free*  
 9682 + 9683  
 12

INJECTION WELL DATA SHEET -- SIDE 2

Tubing size 2-3/8" lined with Baker plastic cap 505 (modified epoxy w/phenolic set in a  
(material) primer) packer at 4111± feet  
Baker Loc Set \_\_\_\_\_  
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres
2. Name of Field or Pool (if applicable) Chaveroo Field
3. Is this a new well drilled for injection?  Yes  No  
If no, for what purpose was the well originally drilled? 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) No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. None

STATE "F" #1  
Chaveroo Field  
Chaves County, New Mexico

WELL SCHEMATIC	CASINO	Size 8-5/8"	Weight 24	Grade J-55	Thread ST&C	Depth 405'	
	CASINO	5-1/2"	14	J-55	8rd	4,380'	
	TUBING	2-3/8"	4.7	J-55	EUE	4,111'	
	DESCRIPTION OF EQUIPMENT						DEPTH
	8-5/8" csg cemented to surface w/275 sxs						405'
	TOC (temp survey)						3,200'
2-3/8" tubing						4,111'	
Baker Loc Set packer						4,111'	
San Andres perms: 1 shot/ft @ 4211', 4218', 4228', 4238', 4260', 4288', 4292', 4299', 4305', 4310', 4313', 4322', 4327', 4339' & 4341' (15 holes). Perf w/4JSPF 4200-40', 4255-75' & 4285-4345 (480 holes)							
PBSD						4,352'	
5 1/2" casing cemented w/300 sxs						4,380'	
TD						4,380'	
Prepared By G. Bunas					Date 1/12/89		

OPERATOR LEASE  
 KERR-MCGEE CORPORATION STATE "P"  
 WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE  
 4 1980' FNL & 1980' FWL 2 8S 33E

Schematic

Attached

Tubular Data

Surface Casing  
 Size 8-5/8 " Cemented with 275 gx.  
 TOC surface foot determined by circulated out 35 sxs  
 Hole size 12 1/2"

Intermediate Casing

Size          " Cemented with          gx.  
 TOC          feet determined by           
 Hole size         

Long string

Size 5 1/2 " Cemented with 350 gx.  
 TOC 3050 feet determined by calculation

Hole size 7-7/8"

Total depth 4430'

Injection Interval

4200 feet to 4328 feet  
 (~~perforated or xxxxxxxx, indicate which~~)

INJECTION WELL DATA SHEET -- SIDE 2

Tubing size 2-3/8" lined with Baker plastic cap 505 set in a  
(Modified epoxy w/Phenolic primer)  
(material) \_\_\_\_\_ feet  
Baker Loc Set 4100± packer at \_\_\_\_\_ feet  
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the Injection formation San Andres
2. Name of Field or Pool (if applicable) Chaveroo Field
3. Is this a new well drilled for injection?  Yes  No  
If no, for what purpose was the well originally drilled? 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) No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. None

STATE "F" #4  
 CHAVEROO FIELD  
 CHAVES COUNTY, NEW MEXICO

WELL SCHEMATIC	CASING	Size 8-5/8"	Weight 24	Grade J-55	Type ST&C	Depth 433'
	CASING	5-1/2"	14	J-55	8rd	4,430'
	TUBING	2-3/8"	4.7	J-55	EUE	4,100'
	DESCRIPTION OF EQUIPMENT					DEPTH
	8-5/8" csg cemented to surface w/275 sxs					433'
	TOC (calc)					3,050'
	2-3/8" tubing					4,100'
	Baker Lok Set Packer					4,100'
	San Andres perms: 1 SPF @ 4200', 4210', 4215', 4218', 4224', 4231', 4235', 4267', 4280', 4294', 4297', 4301', 4305', 4309', 4318', 4321' & 4328' (17 holes)					
	PBD					4,398'
	5 1/2" csg cemented w/350 sxs					4,430'
	TD					4,430'
	Prepared By G. Bunas			Date 1-12-89		

OPERATOR LEASE  
 KERR-MCGEE CORPORATION STATE "F"  
 WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE  
 5 1980' FSL & 660' FWL 2 8S 33E

Schematic

Attached

Tubular Data

Surface Casing  
 Size 8-5/8 " Cemented with 275 gx.  
 TOC surface feet determined by circulated out 10 sxs  
 Hole size 12 1/4

Intermediate Casing

Size " Cemented with gx.  
 TOC feet determined by

Hole size

Log string

Size 5 1/2 " Cemented with 350 gx.  
 TOC 2970 feet determined by calculation

Hole size 7-7/8"

Total depth 4346'

Injection Interval

4208 feet to 4331 feet  
 (perforated or ~~perforated~~, indicate which)

INJECTION WELL DATA SHEET -- SIDE 2

Tubing size 2-3/8" lined with Baker plastic cap 505 (modified epoxy w/Phenolic primer) set in a  
(material)  
Baker Lok Set packer at 4108 ± feet  
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres
2. Name of Field or Pool (if applicable) Chaveroo Field
3. Is this a new well drilled for injection?  Yes  No  
If no, for what purpose was the well originally drilled? 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) No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. None



STATE "F" #5  
 Chaveroo Field  
 Chaves County, New Mexico

WELL SCHEMATIC	CASING	Size 8-5/8"	Weight 24	Grade J-55	Thread 8rd	Depth 429'
	CASING	5-1/2"	14	J-55	8rd	4,346'
	TUBING	2-3/8"	4.7	J-55	EUE	4,108'
	TUBING					
DESCRIPTION OF EQUIPMENT						DEPTH
8-5/8" csg cemented to surface w/275 sxs						429'
TOC (Calc)						2,970'
2-3/8" tubing						4,108'
Baker Lok Set packer						4,108'
San Andres perfs: 1 SPF @ 4208', 4225', 4234', 4240', 4247', 4252', 4261', 4295', 4306', 4310', 4315', 4317', 4320', 4325', 4327', 4329' & 4331' (17 holes)						
PBTD						4,343'
5 1/2" casing cemented w/350 sxs						4,346'
TD						4,346'
Prepared By					Date	
G. Bunas					1/12/89	

INJECTION WELL DATA SHEET

SIDE 1

OPERATOR LEASE  
 KERR-MCGEE CORPORATION STATE "F"  
 WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE  
 7 1980' FSL & 1980' FEL 2 8S 33E

Schematic

Attached

Tabular Data

Surface Casing

Size 8-5/8 " Cemented with 275 gx.

TOC surface feet determined by circulated out 15 sxs

Hole size 12 1/4"

Intermediate Casing

Size " Cemented with gx.

TOC feet determined by

Hole size

Long string

Size 5 1/2 " Cemented with 350 gx.

TOC 2960 feet determined by calculation

Hole size 7-7/8"

Total depth 4337'

Injection interval

4219 foot to 4328 foot

(perforated or openholes, indicate which)

INJECTION WELL DATA SHEET -- SIDE 2

Tubing size 2-3/8" lined with Baker plastic cap 505 set in a  
(modified epoxy w/Phenolic primer) (material)

Baker Loc Set 4119 ± packer of feet  
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the Injection formation San Andres
2. Name of Field or Pool (if applicable) Chaveroo Field
3. Is this a new well drilled for injection?  Yes  No  
If no, for what purpose was the well originally drilled? 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) No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. None

STATE "F" #7  
Cháveroo Field  
Chaves County, New Mexico

WELL SCHEMATIC	CASINO	Size 8-5/8"	Weight 24	Grade J-55	Thread 8rd	Depth 404'
	CASINO	5-1/2"	14	J-55	8rd	4,337'
	TUBING	2-3/8"	4.7	J-55	PIPE	4,119'
DESCRIPTION OF EQUIPMENT						DEPTH
8-5/8" csg cemented to surface w/275 sxs						404'
TOC (Calc)						2,960'
2-3/8" tubing						4,119'
Baker Loc Set Packer						4,119'
San Andres perfs: 1 SPF @ 4219', 4227', 4229', 4235', 4241', 4247', 4253', 4258', 4264', 4303', 4312', 4317', 4319', 4321', 4324' & 4328' (16 shots)						
PBTB						4,330'
5 1/2" csg cemented w/350 sxs						4,337'
TD						4,337'
Prepared By					Date	
G. Bunas					1/12/89	

INJECTION WELL DATA SHEET

SIDE 1

OPERATOR

LEASE

KERR-MCGEE CORPORATION

STATE "F"

WELL NO. FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

10 990' FSL & 1980' FWL

2

8S

33E

Schematic

Attached

Tubular Data

Surface Casing

Size 8-5/8" Cimented with 275 gx.

TOC surface feet determined by circulated out 15 sxs

Hole size 12 1/4"

Intermediate Casing

Size " Cimented with gx.

TOC feet determined by

Hole size

Long string

Size 5 1/2" Cimented with 350 gx.

TOC 2960 feet determined by calculation

Hole size 7-7/8"

Total depth 4336'

Injection Interval

4238 feet to 4331 feet

(perforated or ~~perforated~~ indicate which)

INJECTION WELL DATA SHEET -- SIDE 2

Tubing size 2-3/8" lined with Baker plastic cap 505 set in a  
(modified epoxy w/Phenolic primer)  
(material)

Baker Lok Set packer at 4138 ± feet  
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres

2. Name of Field or Pool (if applicable) Chaveroo Field

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

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. None

STATE "F" #10  
Chaveroo Field  
Chaves County, New Mexico

WELL SCHEMATIC	CASING	Size	Weight	Grade	Thickness	Depth
		8-5/8"	24	J-55	8rd	407'
		5-1/2"	14	J-55	8rd	4,336'
		2-3/8"	4.7	J-55	8rd	4,138'
	DESCRIPTION OF EQUIPMENT					DEPTH
	8-5/8" casing cemented to surface w/275 sxs					407'
	TOC (Calc)					2,960'
	2-3/8" Tubing					4,138'
	Baker Loc Set Packer					4,138'
	San Andres perms: 1 SPF @ 4238', 4239', 4245, 4248', 4250, 4263', 4264', 4265', 4282', 4283', 4306', 4310', 4319', 4322', 4325', 4327', 4329' & 4331' (18 holes)					
	- PBTD					4,334'
	5 1/2" casing cemented w/350 sxs					4,336'
	TD					4,336'
Prepared By				Date		
C. Runge				1/12/00		

INJECTION WELL DATA SHEET

SIDE 1

OPERATOR LEASE

KERR-MCGEE CORPORATION STATE "F"

WELL NO. FOUTAGE LOCATION SECTION TOWNSHIP RANGE

13 990' FSL & 1980' FEL 2 8S 33E

Schematic

Attached

Tubular Data

Surface Casing

Size 8-5/8 " Cemented with 275 px.

TOC surface feet determined by circulated out 10 sxs

Hole size 12 1/4

Intermediate Casing

Size " Cemented with px.

TOC feet determined by

Hole size "

Log string

Size 5 1/2 " Cemented with 350 px.

TOC 2965 feet determined by calculation

Hole size 7-7/8"

Total depth 4340'

Injection interval

4241' feet to 4336 feet

(perforated or ~~spaced~~ indicate which)



INJECTION WELL DATA SHEET -- SIDE 2

Tubing size 2-3/8" lined with Baker plastic cap 505 set in a  
(modified epoxy w/Phenolic primer)  
(material)

Baker Lok Set packer at 4141 ± feet  
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the Injection formation San Andres

2. Name of Field or Pool (if applicable) Chaveroo Field

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

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. None

STATE "F" #13  
Chaveroo Field  
Chaves County, New Mexico

WELL SCHEMATIC		CASING	Size	Weight	Grade	Thread	Length
		CASING	8-5/8"	24	J-55	8rd	401'
		CASING	5-1/2"	14	J-55	8rd	4,340'
		TUBING	2-3/8"	4.7	J-55	EUE	4,141'
		TUBING					
		DESCRIPTION OF EQUIPMENT					DEPTH
		8-5/8" casing cemented to surface w/275 sxs					401'
		TOC (Calc)					2,965'
		2-3/8" tubing					4,141'
		Baker Lok Set Packer					4,141'
		San Andres perfs: 1 SPF @ 4241', 4243', 4244', 4246', 4247', 4256', 4266', 4268', 4271', 4273', 4275', 4292', 4306', 4319', 4321', 4326', 4332', 4334', 4335', 4336' (20 holes)					
		PBD					4,338'
		5 1/2" casing cemented w/350 sxs					4,340'
		TD					4,340'
		Prepared By G. Bunas				Date 1/12/89	

INJECTION WELL DATA SHEET

SIDE 1

OPERATOR LEASE  
 Kerr-McGee Corporation State Tract "C"  
 WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE  
 1 660' FNL & 1980' FEL 2 8S 33E

Schematic

Attached

Tubular Data

Surface Casing  
 Size 8-5/8 " Cemented with 250 px.  
 TOC surface foot determined by circulation  
 Hole size 11"

Intermediate Casing

Size " Cemented with px.  
 TOC feet determined by   
 Hole size

Log string

Size 4 1/2 " Cemented with 375 px.  
 TOC 2557 feet determined by calculation  
 Hole size 7-7/8"  
 Total depth 4500'

Injection interval

4204 feet to 4347 feet  
 (perforated or ~~staggered~~, indicate which)

INJECTION WELL DATA SHEET -- SIDE 2

Tubing size 2-3/8" lined with Baker plastic cap 505 set in a  
(modified epoxy w/Phenolic primer)  
(material) packer at 4104 ± feet

Baker Lok Set  
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres
2. Name of Field or Pool (if applicable) Chaveroo Field
3. Is this a new well drilled for injection?  Yes  No  
If no, for what purpose was the well originally drilled? 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) No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. None

STATE TRACT "C" #1  
Chaveroo Field  
Chaves County, New Mexico

WELL SCHEMATIC	CASINO	Size	Weight	Grade	Thread	Depth
		8-5/8"	24	J-55	8rd	372'
		4-1/2"	10.5	J-55	8rd	4,500'
		2-3/8"	4.7	J-55	EUE	4,104'
	DESCRIPTION OF EQUIPMENT					DEPTH
	8-5/8" casing cemented to surface w/250 sxs					372'
	TOC (Calc)					2,557'
	2-3/8" tubing					4,104'
	Baker Loc Set Packer					4,104'
	San Andres perfs: 1 SPF @ 4204', 4224', 4235', 4265', 4280', 4294', 4298', 4308', 4316', 4333', 4347'					
	(11 holes)					
	PBTD					4,390'
	4 1/2" casing cemented w/375 sxs					4,500'
	TD					4,500'
	Prepared By G. Bunas					Date 1/12/89

INJECTION WELL DATA SHEET

SIDE 1

OPERATOR LEASE  
 KERR-MCGEE CORPORATION STATE TRACT "C"  
 WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE  
 3 1980' FNL & 660' FEL 2 8S 33E

Schematic

Attached

Tubular Data

Surface Casing  
 Size 8-5/8 " Cemented with 250 gx.  
 TOC surface feet determined by circulation  
 Hole size 11"

Intermediate Casing  
 Size " Cemented with ax.  
 TOC feet determined by  
 Hole size "

Long string  
 Size 4 1/2 " Cemented with 375 gx.  
 TOC 2418 feet determined by calculation  
 Hole size 7-7/8"  
 Total depth 4500'

Injection Interval  
4236 feet to 4380 feet  
 (perforated or ~~unperforated~~, indicate which)

INJECTION WELL DATA SHEET -- SIDE 2

Tubing size 2-3/8" lined with Baker plastic cap 505 set in a  
(modified epoxy w/phenolic primer)  
(material)

Baker Lok Set packer at 4136 ± feet  
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres

2. Name of Field or Pool (if applicable) Chaveroo Field

3. Is this a new well drilled for injection?  Yes  No

If no, for what purpose was the well originally drilled? 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) No

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. None





INJECTION WELL DATA SHEET -- SIDE 2

Tubing size 2-3/8" lined with Baker plastic cap 505 set in a  
(modified epoxy w/Phenolic primer)  
(material)

Baker Lok Set packer at 4144 ± foot  
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation San Andres
2. Name of Field or Pool (if applicable) Chaveroo Field
3. Is this a new well drilled for injection?  Yes  No  
If no, for what purpose was the well originally drilled? 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) No
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. None

INJECTION WELL DATA SHEET

SIDE 1

OPERATOR LEASE  
 Kerr-McGee Corporation State Tract "C"  
 WELL NO. FOUTAGE LOCATION SECTION TOWNSHIP RANGE  
 4 660' FNL & 660' FWL 1 8S 33E

Schematic

Attached

Tubular Data

Surface Casing  
 Size 8-5/8 " Cemented with 250 ox.  
 TOC surface feet determined by circulation  
 Hole size 11"

Intermediate Casing  
 Size " Cemented with ox.  
 TOC feet determined by

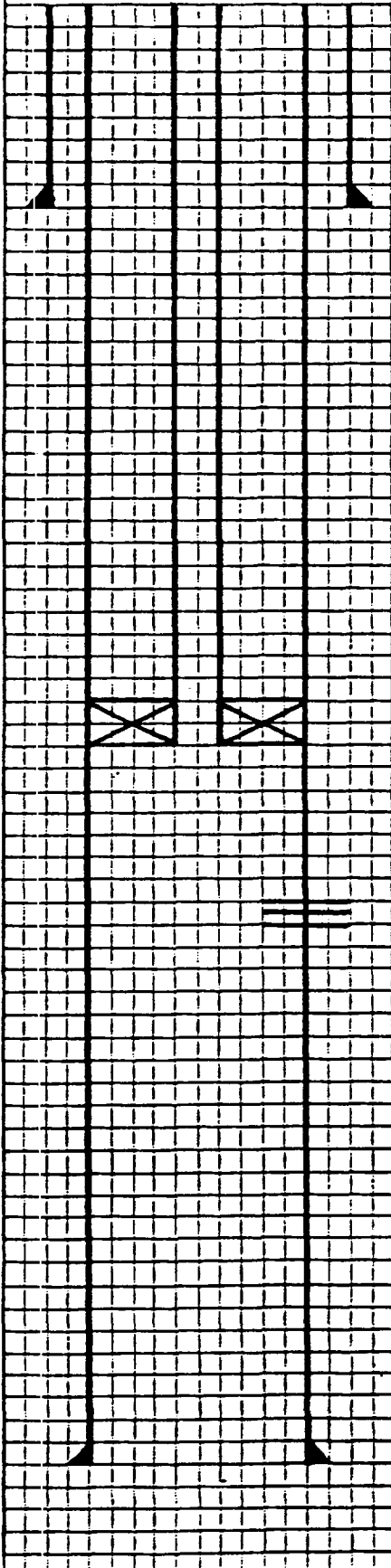
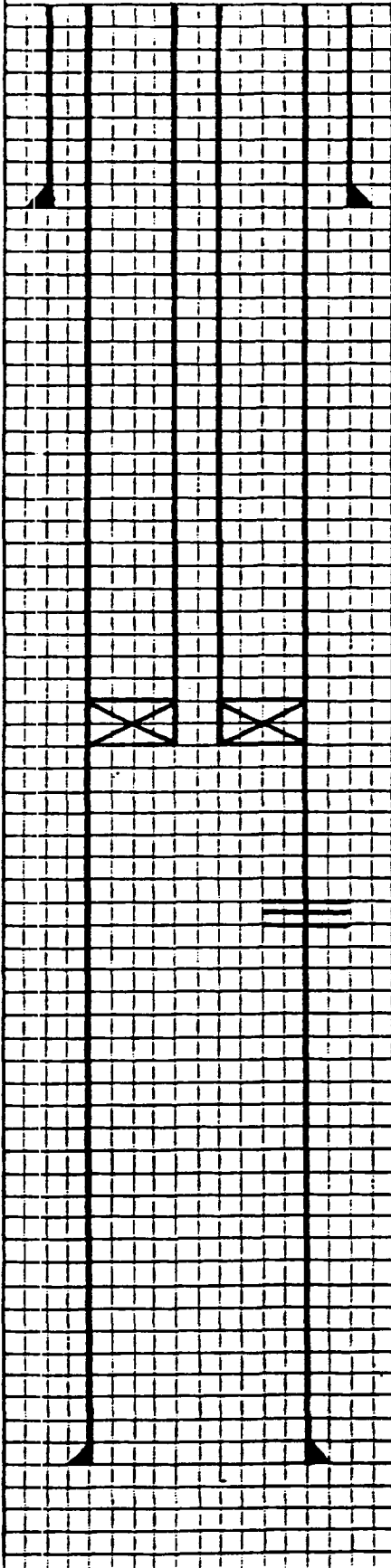
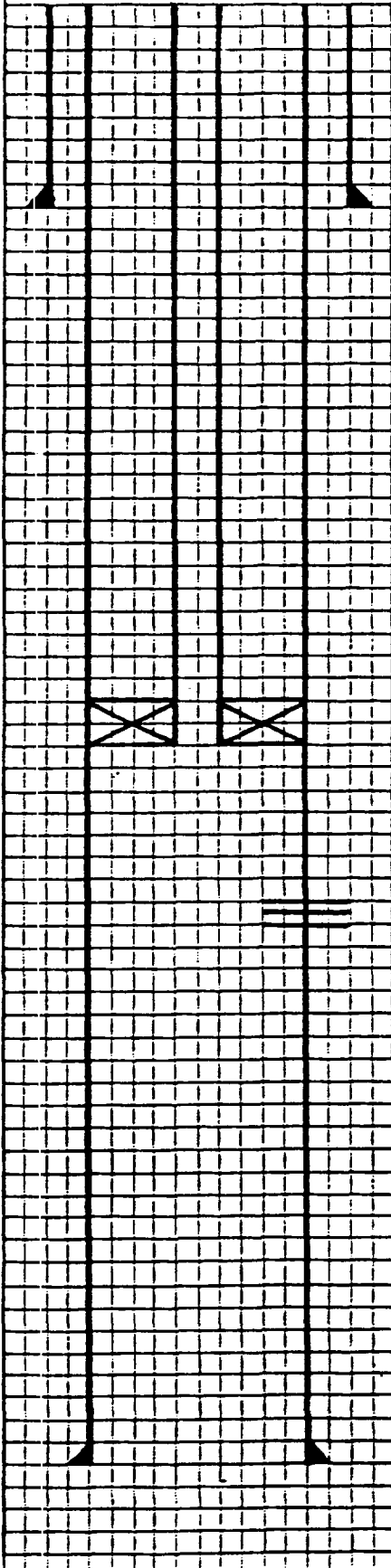
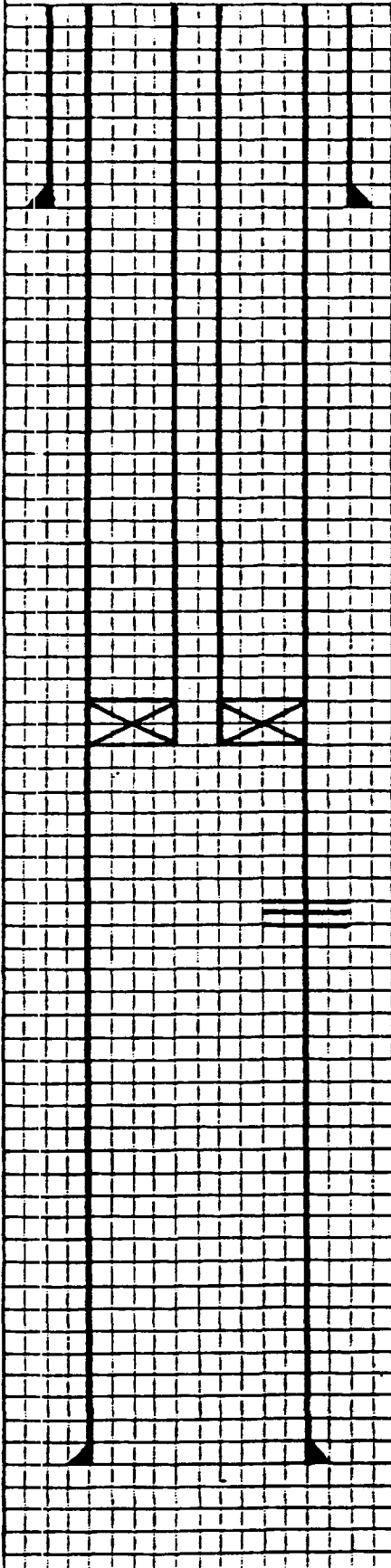
Log string  
 Size 4 1/2 " Cemented with 375 ox.  
 TOC 2418 feet determined by calculation

Hole size 7-7/8"  
 Total depth 4500'

Injection Interval

4244 feet to 4338 feet  
 (perforated or ~~xxxxxxx~~, indicate which)

STATE TRACT "C" #4  
 Chávero Field  
 Chaves County, New Mexico

WELL SCHEMATIC		CASINO	Size 8-5/8"	Weight 24	Grade J-55	Thrust 8rd	Depth 374'
		CASINO	4-1/2"	10.5	J-55	8rd	4,492'
		TUBING	2-3/8"	4.7	I-55	EUE	4,144'
		TUBING					
DESCRIPTION OF EQUIPMENT							DEPTH
		8-5/8" csg cemented to surface w/250 sxs					374'
		TOC (Calc)					2,418'
		2-3/8" tubing					4,144'
		Baker Lok Set Packer					4,144'
		San Andres perms: 1 SPF @ 4244', 4248', 4267, 4273', 4301', 4315', 4329', 4334 & 4338' (9 holes)					
		PBTD					4,490'
		4 1/2" casing cemented w/375 sxs					4,492'
		TD					4,500'
Prepared By					Date		
G. Bunas					1/12/89		