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2008 APR 15 PM 3 09

WRITER:

Gary W. Larson,
Partner

glarson@hinklelawfirm.com

April 15, 2008

HAND DELIVERY

Florene Davidson
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Case 14128

Re: ***Cano Petro of New Mexico, Inc. Application for Authorization to Inject***

Dear Florene:

On behalf of Cano Petro of New Mexico, Inc. ("Cano"), I am enclosing the following documents:

1. The original and one (1) copy of Cano's Application for Authorization to Inject for purposes of its proposed waterflood project in Chaves County; and
2. A proposed publication notice of the hearing on Cano's application.

Cano requests that this matter be placed on the May 15, 2008 Examiner Docket.

Thank you for your assistance.

Very truly yours,

Gary W. Larson

GWL:jr
Enclosures

PO BOX 10
ROSWELL, NEW MEXICO 88202
(505) 622-6510
FAX (505) 623-9332

PO BOX 3580
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(432) 683-4691
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919 CONGRESS, SUITE 1150
AUSTIN, TEXAS 78701
(512) 476-7137
FAX (512) 476-7146

CANO PETRO OF NEW MEXICO, INC.

Burnett Plaza • 801 Cherry Street
Suite 3200, Unit 25
Fort Worth, TX 76102

Phone (US) - 817.698.0900

Fax - 817.698.0796

April 14, 2008

Certified Mail/Return Receipt Requested

Ms. Forine Davidson
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Case 14128

RE: Application for Waterflood Permit in Cato Unit, Chaves County, New Mexico

Dear Ms. Davidson:

Enclosed is a copy of an application for a waterflood permit filed with the New Mexico Oil Conservation Division by Cano Petro of New Mexico, Inc. ("Cano Petro"), regarding the following lands in Chaves County, New Mexico:

Surface

S/2 of SW/4, SW/4 of SE/4, Section 2, T8S - R30E,
All of Section 11, T8S - R30E,
W/2 of W/2, Section 12, T8S - R30E,
W/2 of W/2, Section 13, T8S - R30E,
All of Section 14, T8S - R30E,

Subsurface

SW/4, W/2 of SE/4, Section 11, T8S - R30E,
SE/4 of NW/4, S/2 of NE/4, NE/4 of SE/4, Section 2, T8S - R30E,
W/2 of E/2, Section 12, T8S - R30E,
W/2 of E/2, SE/4 of SW/4, Section 13, T8S - R30E,
NW/4 of Section 24, T8S - R30E,

Cano Petro, the operator of the Cato Unit, plans to waterflood the northeastern portion of the Cato Unit beginning in late-May 2008 as part of the secondary recovery effort.

The application is set for hearing on Thursday, May 15, 2008, at 8:15 a.m. at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505.

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April 14, 2008
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As an interest owner in the affected lands, you are required to notify (in writing) the Division, and the undersigned, by Thursday, May 8, 2008, if you intend to participate in the hearing. Failure to appear at the hearing will preclude you from contesting the matter at a later date.

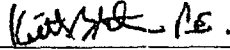
Contact Alex Azizi at (817) 698-0900 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Patrick M. McKinney", with a stylized flourish at the end.

Patrick M. McKinney
Vice-President of Operations

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ Yes ☒ No
- II. OPERATOR: Cano Petro of New Mexico, Inc.
ADDRESS: 801 Cherry St. - Unit 25, Ste. 3200; Fort Worth, TX 76102
CONTACT PARTY: Alex Azizi PHONE: (817) 698-0900
- 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-9029
- 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. attached
- 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. attached
- VII. Attach data on the proposed operation, including: attached
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 geologic data on the injection zone including appropriate lithologic detail, geologic 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 sources known to be immediately underlying the injection interval. previously submitted
- IX. Describe the proposed stimulation program, if any. injection wells will be acidized, producers be fracture stimulated
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). attached
- *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. no such wells
- 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 sources of drinking water. not applicable
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form. attached
- 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: Keith B. Masters, P.E. TITLE: Consultant
SIGNATURE:  KE. DATE: 08/15/08
E-MAIL ADDRESS: k_b_masters@mastersconsultingllc.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: Case 9739

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 the 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, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, 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.

ATTACHMENT TO FORM C-108

Cano Petro of New Mexico, Inc.

Cato San Andres Unit

Item III – Proposed Injection Wells

Wells with existing Injection Authority

CSAU # 21

CSAU # 23

CSAU # 51

CSAU # 81

Wells to be converted to injection

CSAU # 6

CSAU # 7

CSAU # 19

CSAU # 20

CSAU # 25

CSAU # 28

CSAU # 29

CSAU # 48

CSAU # 49

CSAU # 52

CSAU # 53

CSAU # 55

CSAU # 56

CSAU # 57

CSAU # 77

CSAU # 80

CSAU # 82

CSAU # 83

CSAU # 84

CSAU # 85

CSAU # 86

CSAU # 87

CSAU # 88

CSAU # 109

CSAU # 110

CSAU # 111

CSAU # 112

CSAU # 113

CSAU # 114

CSAU # 115

CSAU # 116

CSAU # 117

CSAU # 118

ATTACHMENT TO FORM C-108, continued
Cano Petro of New Mexico, Inc.
Cato San Andres Unit

Wells to be drilled as injection wells

CSAU # 50R

CSAU # 507

CSAU # 521 ✓

CSAU # 533

CSAU # 537 ✓

CSAU # 822 ✓

CSAU # 824 ✓

CSAU # 826 ✓

CSAU # 827 ✓

CSAU # 854 ✓

CSAU # 878 ✓

CSAU # 879 ✓

ATTACHMENT TO FORM C-108
Cano Petro of New Mexico, Inc.
Cato San Andres Unit

WELLBORE SCHEMATICS
PROPOSED INJECTION WELLS
WELLS TO BE CONVERTED TO INJECTION

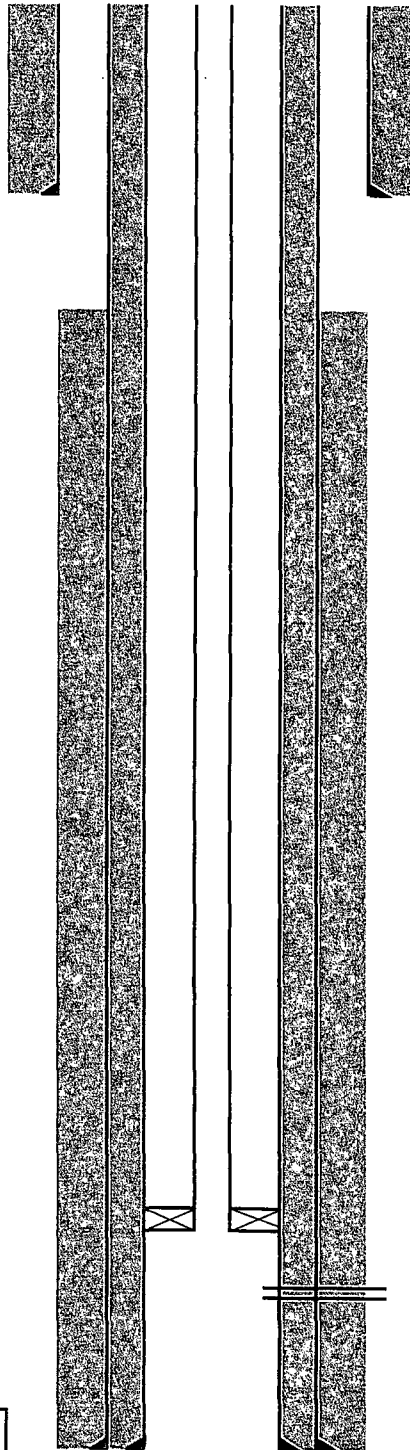
Q

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #6
 Well Location:
 Calls 660' FSL, 1980' FWL
 Unit N
 Section 2
 Township 8S
 Range 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3519
 Amount Cement (sx): 900
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3271

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3540
 PBDT (ft): 3519

Surface Casing

Hole Size (in): 11
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 427
 Amount Cement (sx): 225
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3371
 Bottom (ft): 3507

Production Casing

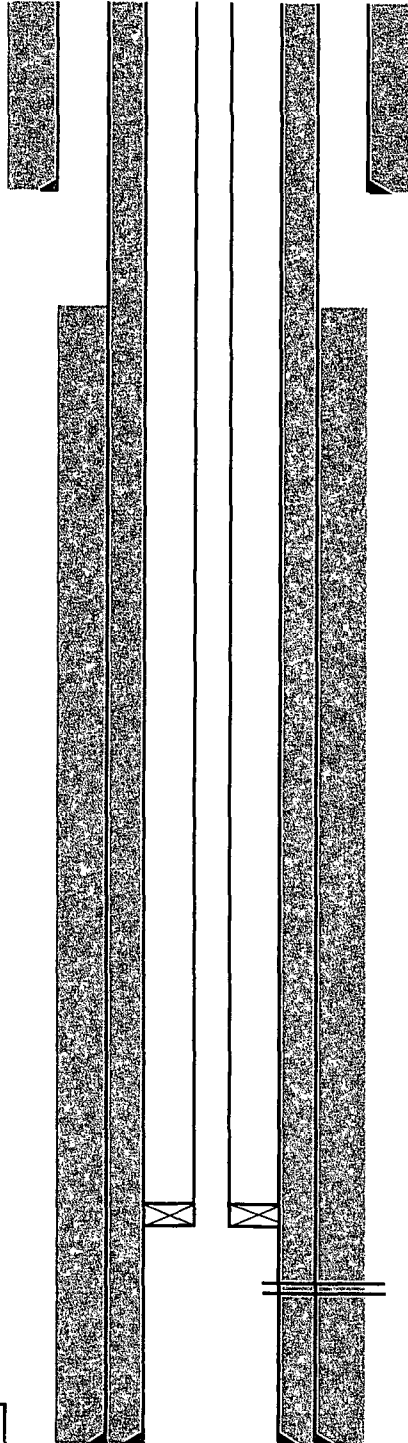
Hole Size (in): 7 7/8
 Casing Size (in): 5 1/2
 Casing Weight (ppf): 15.5
 Setting Depth (ft): 3537
 Amount Cement (sx): 600
 Top of Cement (ft): 268
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #7
 Well Location:
 Calls: 660' FSL, 660' FWL
 Unit: M
 Section: 2
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3476
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3245

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3498
 PBTD (ft): 3476

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 9 5/8
 Casing Weight (ppf): 36
 Setting Depth (ft): 412
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3345
 Bottom (ft): 3462

Production Casing

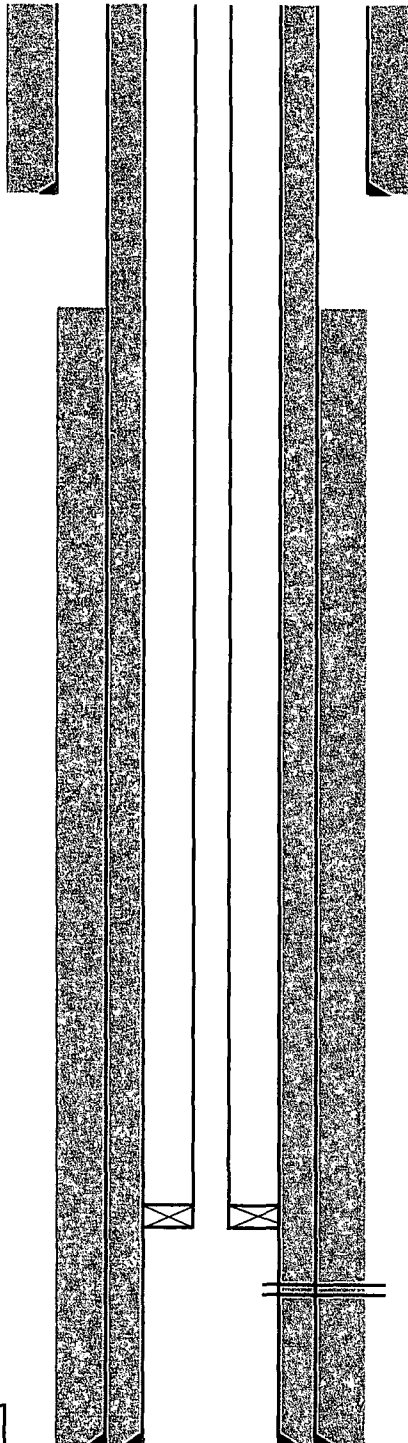
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3494
 Amount Cement (sx): 800
 Top of Cement (ft): 179
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #19
 Well Location:
 Calls: 660' FNL, 660' FEL
 Unit: A
 Section: 10
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Surface Casing

Hole Size (in): 11
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 467
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3700
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3208

Perforations

Top (ft): 3308
 Bottom (ft): 3424

Production Casing

Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3850
 Amount Cement (sx): 800
 Top of Cement (ft): 535
 TOC Method: Calculated

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will converted to injection service.
- (4) Perforations 3720-55 below CIBP @ 3700'.
- (5) No other known productive intervals in area.

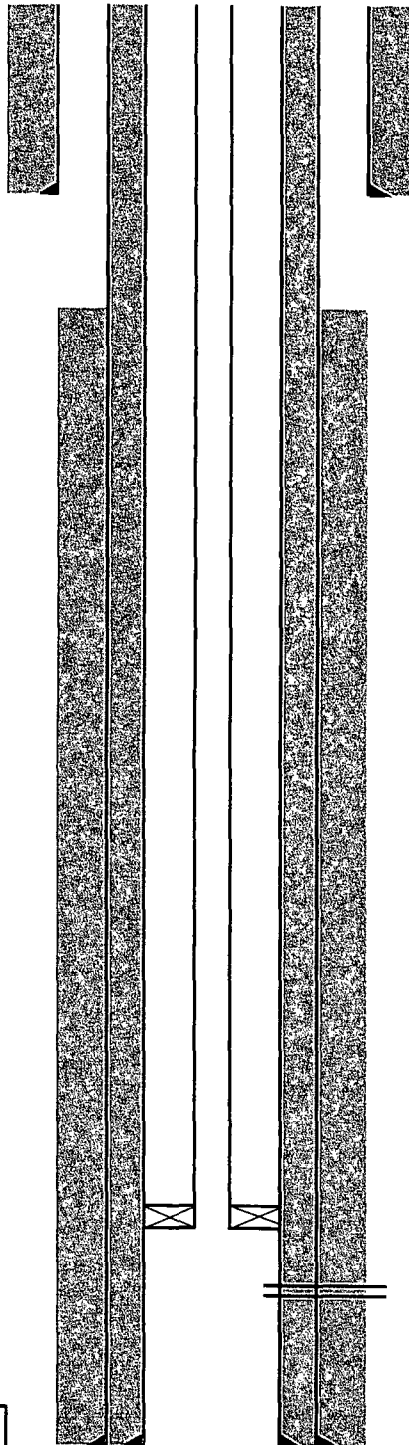
Total Depth (ft): 3850
 PETD (ft): 3700

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #20
 Well Location: 660' FNL, 660' FWL
 Calls: D
 Unit: 11
 Section: 85
 Township: 30E
 Range:

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3605
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3349

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3650
 PBTD (ft): 3605

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 28
 Setting Depth (ft): 515
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3368
 Bottom (ft): 3449

Production Casing

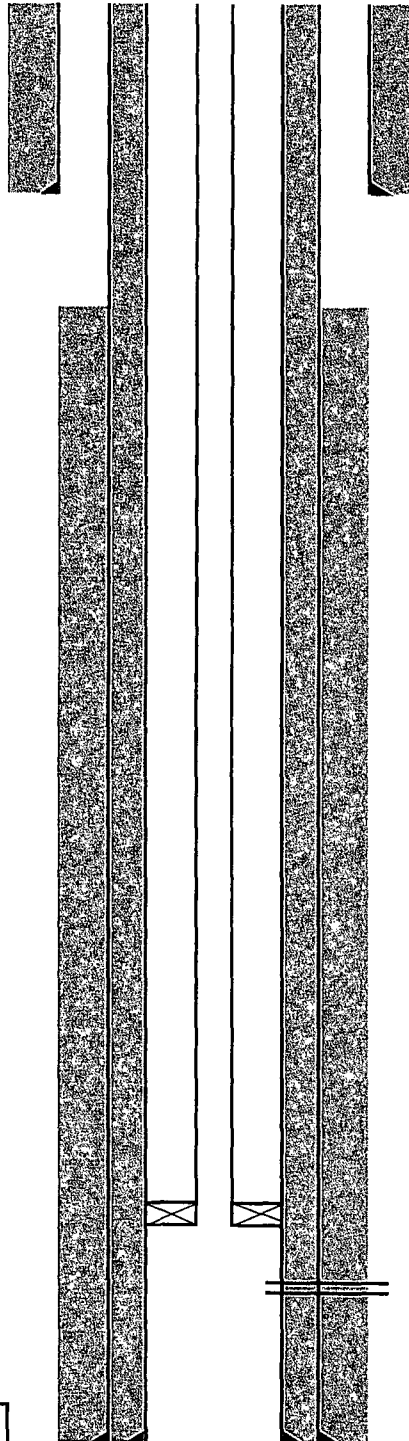
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3636
 Amount Cement (sx): 500
 Top of Cement (ft): 2200
 TOC Method: T.S.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #25
 Well Location:
 Calls: 1650' FNL, 990' FEL
 Unit: H
 Section: 11
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3638
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3388

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3642
 PBTO (ft): 3638

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 320
 Amount Cement (sx): 250
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3488
 Bottom (ft): 3598

Production Casing

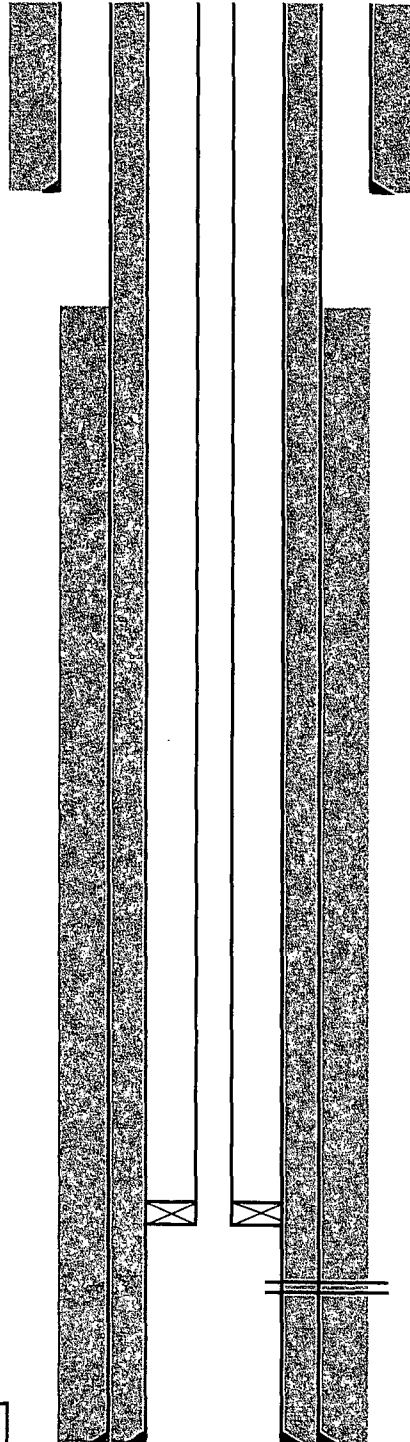
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3642
 Amount Cement (sx): 350
 Top of Cement (ft): 2192
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #28
 Well Location:
 Calls 1980' FNL, 660' FWL
 Unit E
 Section 11
 Township 8S
 Range 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3515
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3279

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3618
 PBTD (ft): 3515

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 501
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3379
 Bottom (ft): 3465

Production Casing

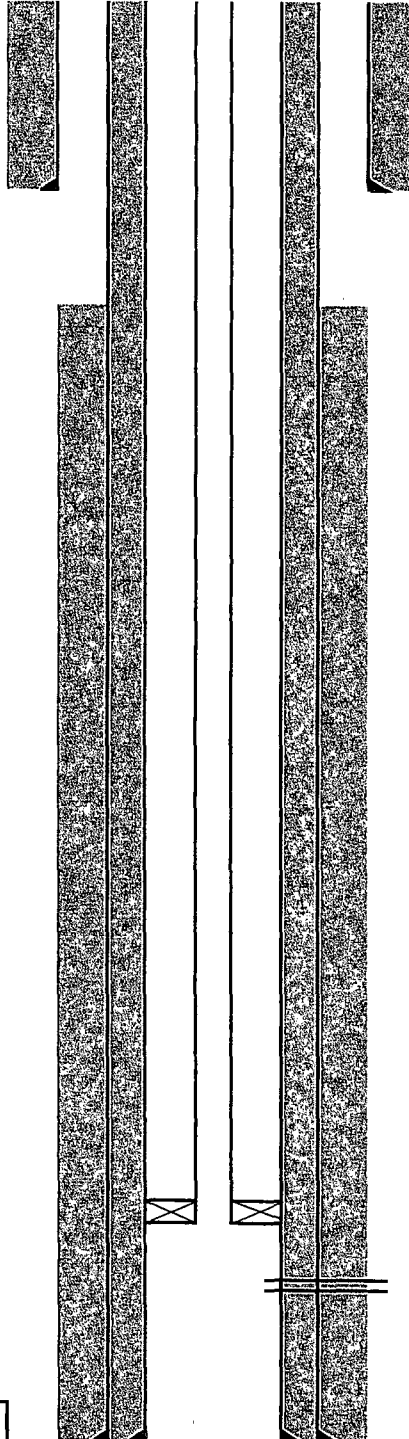
Hole Size (in): 6 3/4
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3615
 Amount Cement (sx): 300
 Top of Cement (ft): 2420
 TOC Method: T.S.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #29
 Well Location: 1980' FNL, 660' FEL
 Calls: H
 Unit: 10
 Section: 8S
 Township: 30E
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3470
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3244

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) Perforations 3488-3574 squeezed with 100 sx.
- (5) No other known productive intervals in area.

Total Depth (ft): 3700
 PBTD (ft): 3470

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 452
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3344
 Bottom (ft): 3444

Production Casing

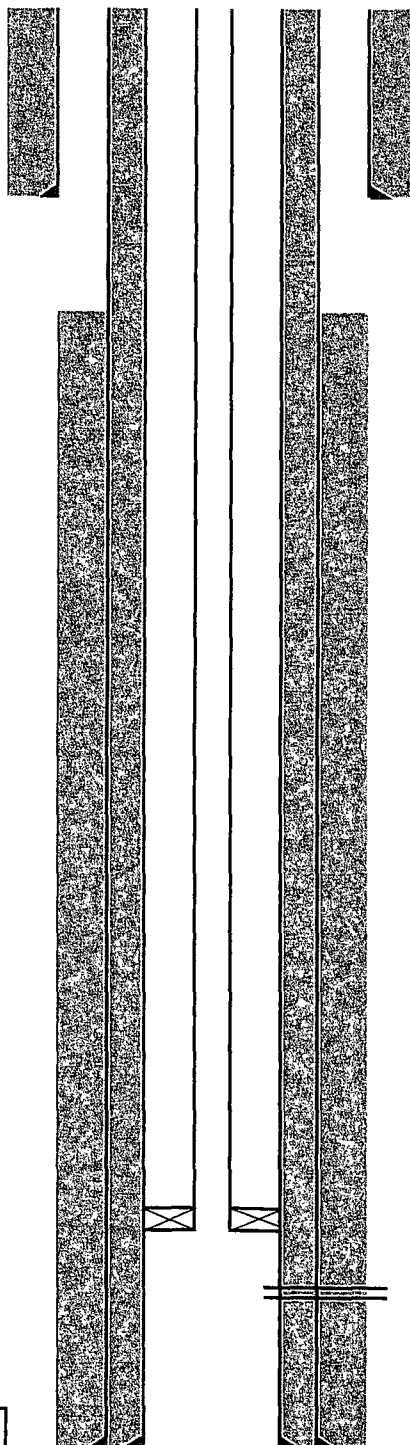
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3700
 Amount Cement (sx): 800
 Top of Cement (ft): 385
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #48
 Well Location: 1980' FSL, 660' FEL
 Calls: I
 Unit: 10
 Section: 85
 Township: 30E
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3575
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3286

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3620
 PBTD (ft): 3575

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 512
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3386
 Bottom (ft): 3470

Production Casing

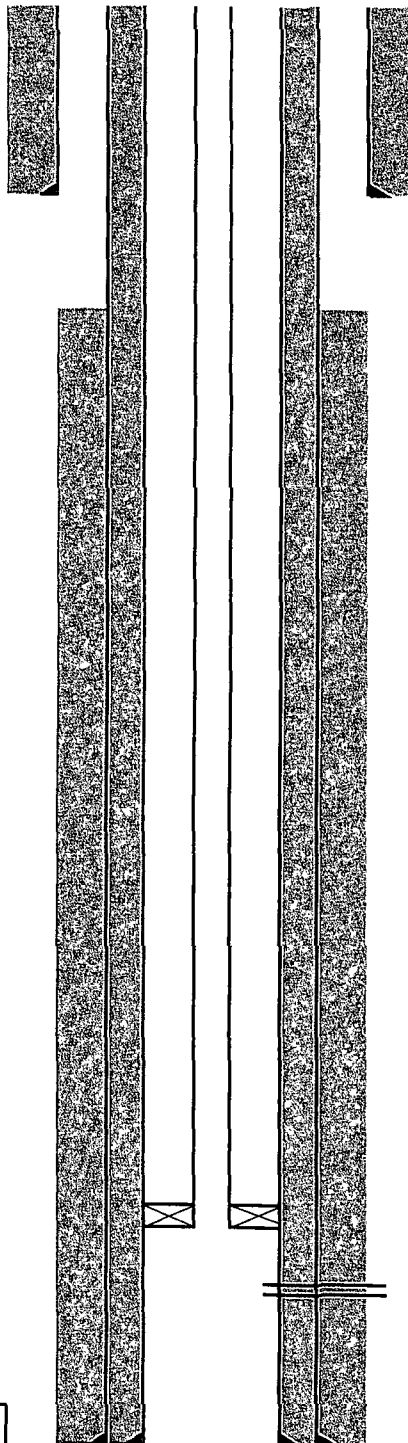
Hole Size (in): 6 3/4
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3614
 Amount Cement (sx): 650
 Top of Cement (ft): 2010
 TOC Method: T.S.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #49
 Well Location:
 Calls: 1980' FSL, 660' FWL
 Unit: L
 Section: 11
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 511
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3551
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3396

Perforations

Top (ft): 3496
 Bottom (ft): 3536

Production Casing

Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3561
 Amount Cement (sx): 800
 Top of Cement (ft): 246
 TOC Method: Calculated

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

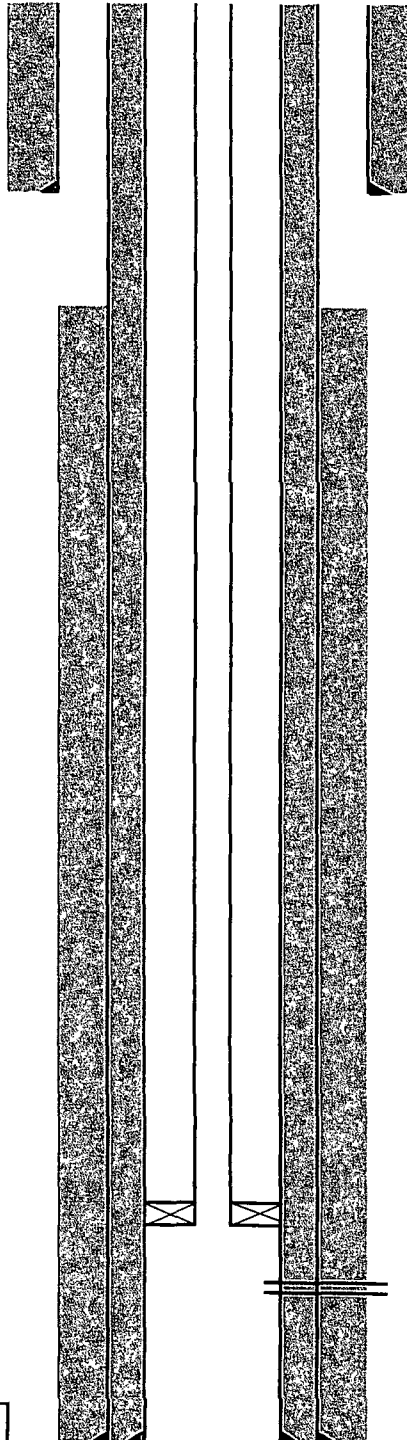
Total Depth (ft): 3561
 PBTD (ft): 3551

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #52
 Well Location: 660' FSL, 660' FWL
 Calls: M
 Unit: 12
 Section: '85
 Township: 30E
 Range:

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3588
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3436

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) Perforations 3605-51 squeezed with 150 sx.
- (5) No other known productive intervals in area.

Total Depth (ft): 3714
 PBTD (ft): 3588

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 483
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3536
 Bottom (ft): 3578

Production Casing

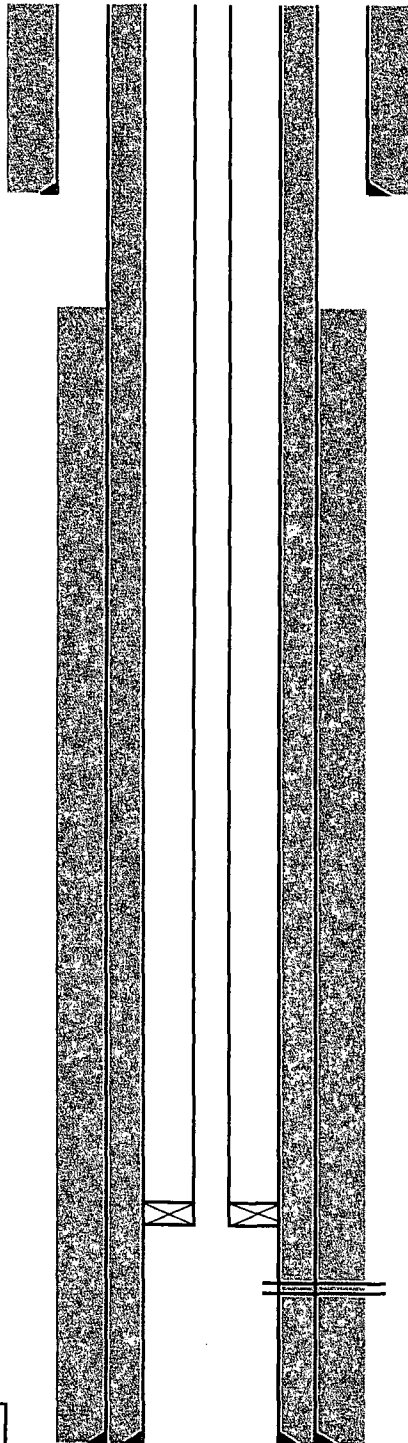
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3714
 Amount Cement (sx): 800
 Top of Cement (ft): 399
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #53
 Well Location:
 Calls 330' FSL, 990' FEL
 Unit P
 Section 11
 Township 8S
 Range 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3644
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3420

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3665
 PBDT (ft): 3644

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 296
 Amount Cement (sx): 250
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3520
 Bottom (ft): 3634

Production Casing

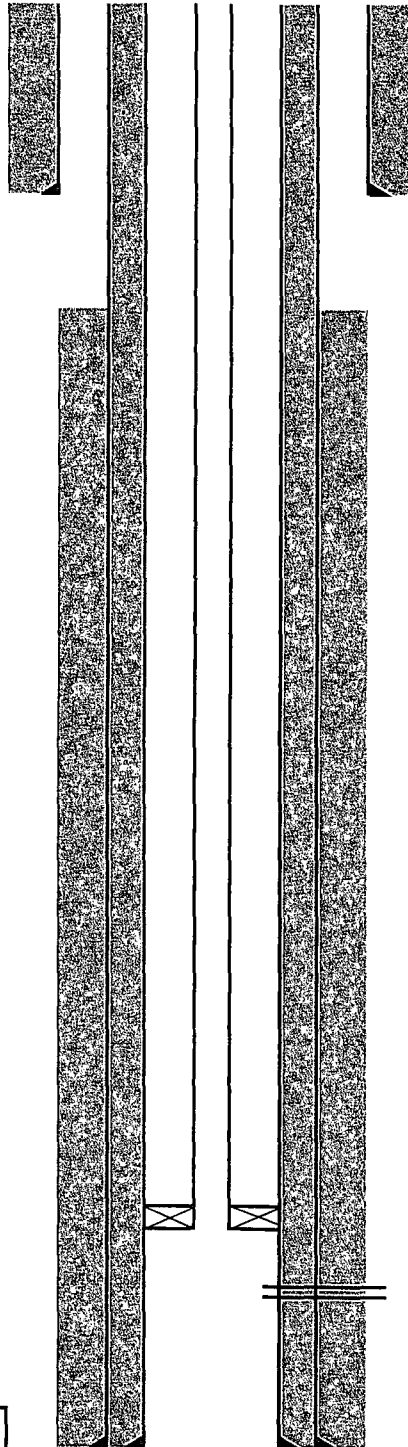
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3665
 Amount Cement (sx): 350
 Top of Cement (ft): 2215
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #55
 Well Location:
 Calls 660' FSL, 1980' FWL
 Unit N
 Section 11
 Township 8S
 Range 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3562
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3378

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3600
 PBTD (ft): 3562

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 28
 Setting Depth (ft): 511
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3478
 Bottom (ft): 3557

Production Casing

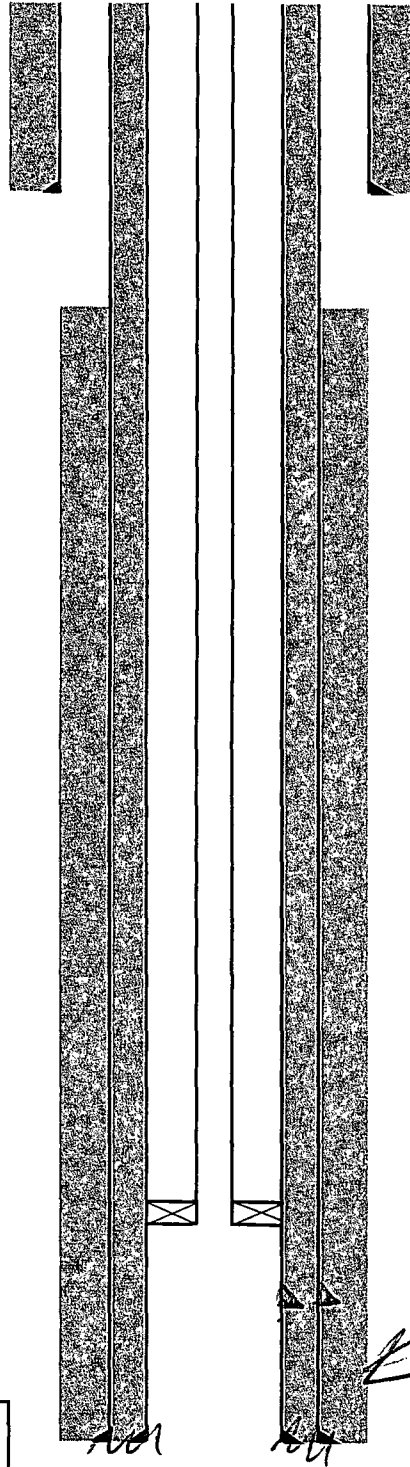
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3596
 Amount Cement (sx): 500
 Top of Cement (ft): 2141
 TOC Method: T.S.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #56
Well Location: 660' FSL, 660' FWL
Calls: M
Unit: 11
Section: 8S
Township: 30E
Range:

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 450
Amount Cement (sx): 300
Top of Cement (ft): Surface
TOC Method: Circulated

Production Casing

Casing Size (in): 3 1/2
Casing Weight (ppf): 7.7
Setting Depth (ft): 3523
Amount Cement (sx): 1000
Top of Cement (ft): Surface
TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
Tubing Weight (ppf): 3.25
Lining: Seal-tite

Packer

Model: Baker AD-1
Setting Depth (ft): 3319

Perforations

Top (ft): 3419
Bottom (ft): 3523

Open Hole Completion

Top (ft): 3419
Bottom (ft): 3523

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a produce and will converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 5 1/2
Casing Weight (ppf): 14
Setting Depth (ft): 3419
Amount Cement (sx): 800
Top of Cement (ft): Surface
TOC Method: Calculated

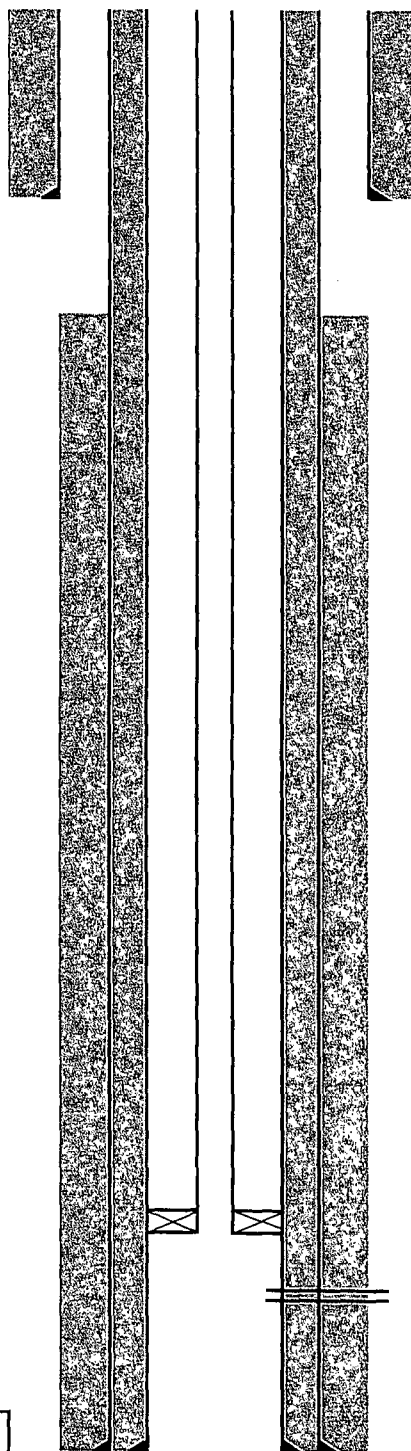
Total Depth (ft): 3523

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #57
 Well Location:
 Calls 660' FSL, 660' FEL
 Unit P
 Section 10
 Township 8S
 Range 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 28
 Setting Depth (ft): 507
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3563
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3309

Perforations

Top (ft): 3409
 Bottom (ft): 3482

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3600
 PBTD (ft): 3563

Production Casing

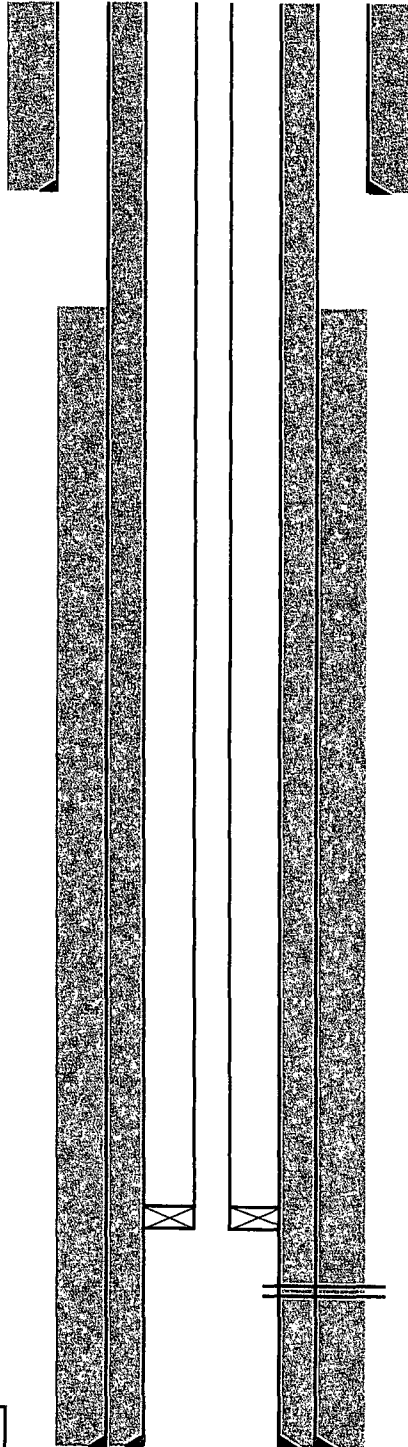
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3596
 Amount Cement (sx): 500
 Top of Cement (ft): 1900
 TOC Method: T.S.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #77
 Well Location:
 Calls: 660' FNL, 660' FEL
 Unit: A
 Section: 15
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3530
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3314

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3560
 PBTD (ft): 3530

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 460
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Calculated

Perforations

Top (ft): 3414
 Bottom (ft): 3524

Production Casing

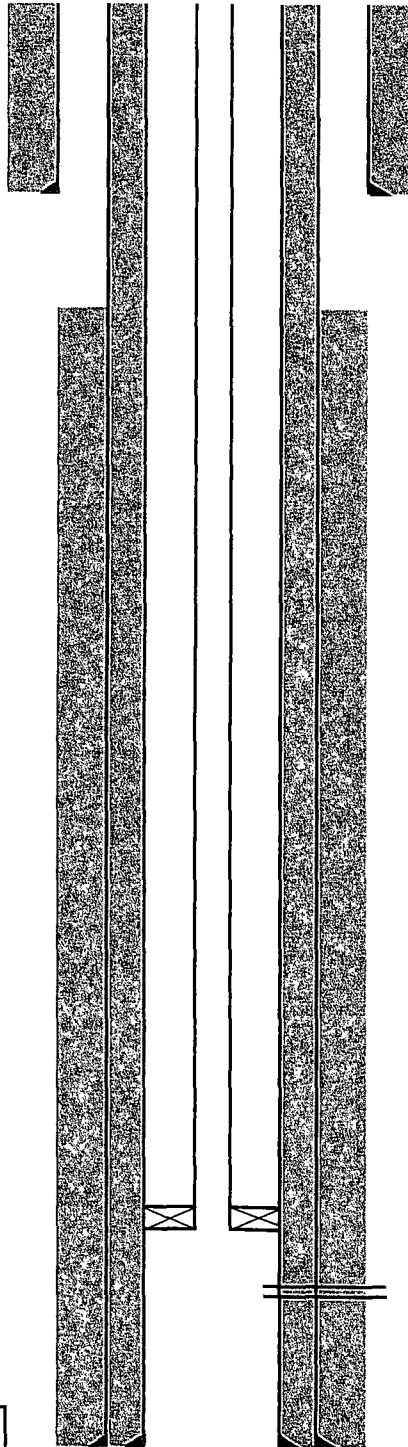
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3560
 Amount Cement (sx): 800
 Top of Cement (ft): 245
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #80
Well Location: 660' FNL, 1980' FEL
Calls: B
Unit: 14
Section: 85
Township: 30E
Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
Casing Weight (ppf): 7.7
Setting Depth (ft): 3649
Amount Cement (sx): 300
Top of Cement (ft): Surface
TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
Tubing Weight (ppf): 3.25
Lining: Seal-tite

Packer

Model: Baker AD-1
Setting Depth (ft): 3394

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3670
PBTD (ft): 3649

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 253
Amount Cement (sx): 250
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): 3494
Bottom (ft): 3612

Production Casing

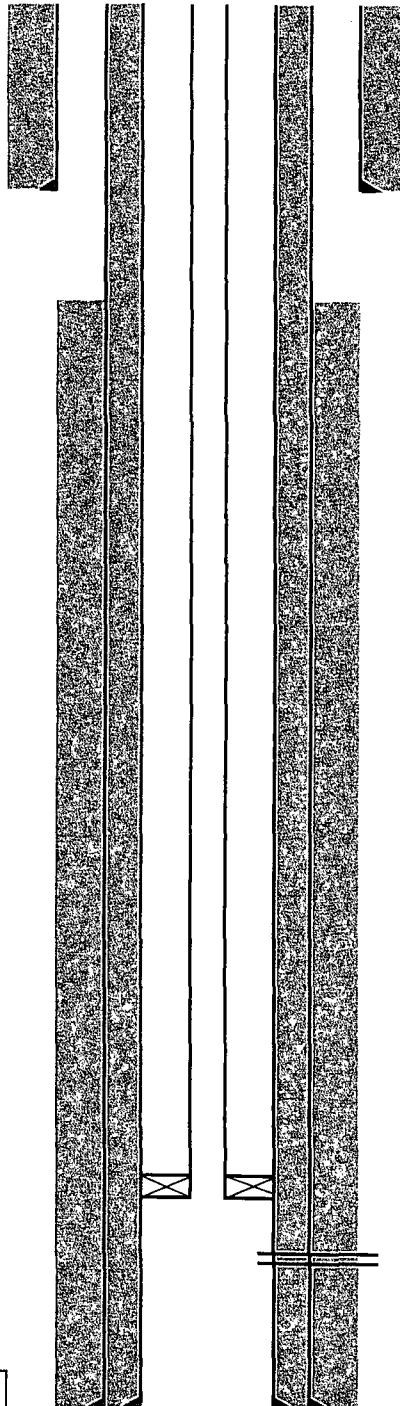
Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3670
Amount Cement (sx): 300
Top of Cement (ft): 2427
TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #82
 Well Location: 330' FNL, 330' FWL
 Calls: D
 Unit: 13
 Section: 8S
 Township: 30E
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3630
 Amount Cement (sx): 303
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3444

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) Perforations 3544-3620 squeezed with 150 sx and subsequently reperforated.
- (5) No other known productive intervals in area.

Total Depth (ft): 3670
 PBTD (ft): 3630

Surface Casing

Hole Size (in): 12 1/2
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 432
 Amount Cement (sx): 200
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3544
 Bottom (ft): 3614

Production Casing

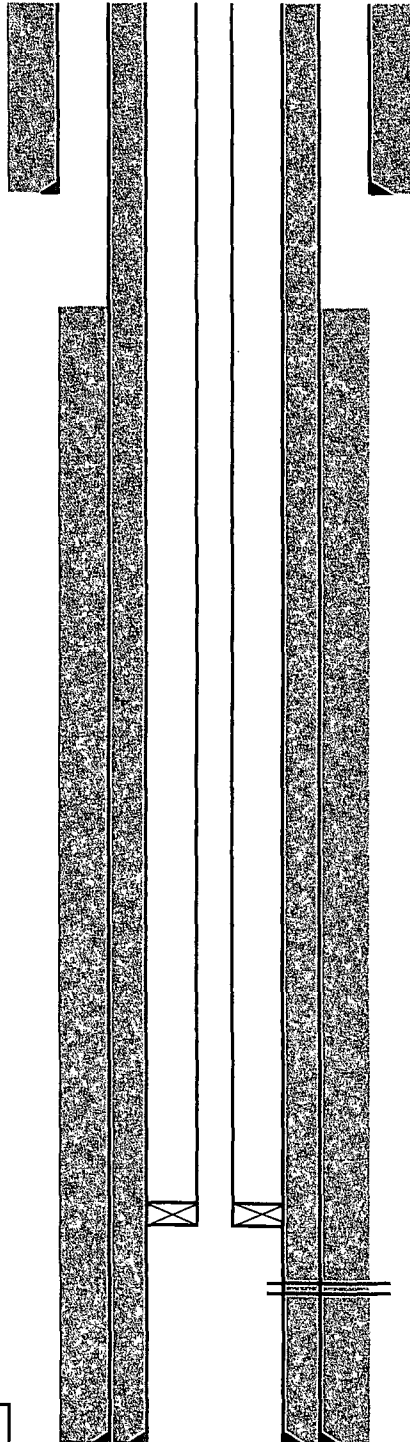
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3667
 Amount Cement (sx): 600
 Top of Cement (ft): 1181
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #83
 Well Location:
 Calls: 1980' FNL, 660' FWL
 Unit: E
 Section: 13
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3589
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3438

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3608
 PBDT (ft): 3589

Surface Casing

Hole Size (in): 12 1/2
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 20
 Setting Depth (ft): 332
 Amount Cement (sx): 200
 Top of Cement (ft): Surface
 TOC Method: Calculated

Perforations

Top (ft): 3538
 Bottom (ft): 3572

Production Casing

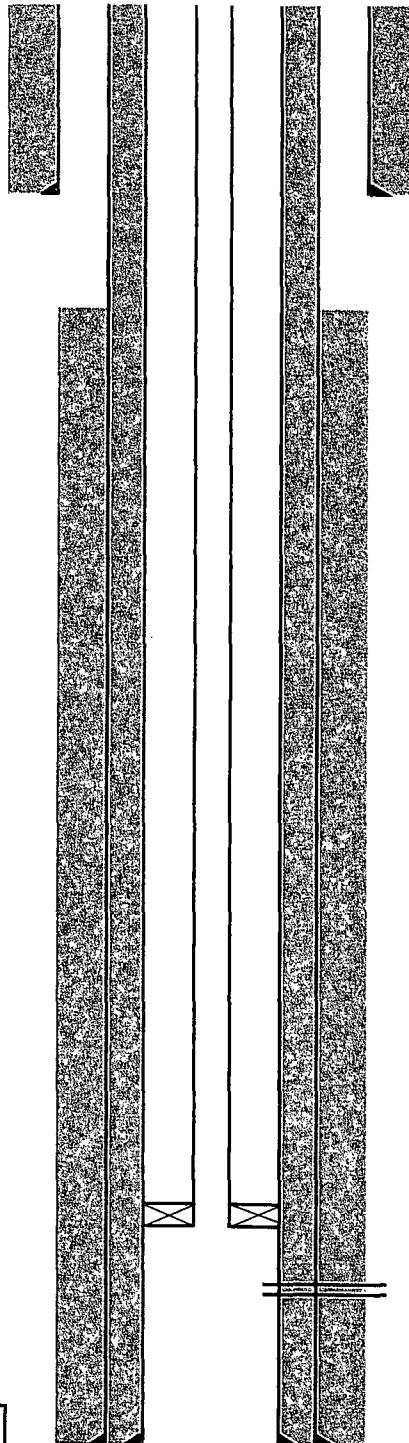
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3608
 Amount Cement (sx): 200
 Top of Cement (ft): 2779
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #84
 Well Location:
 Calls 1980' FNL, 660' FEL
 Unit H
 Section 14
 Township 8S
 Range 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3655
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3411

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3674
 PBTD (ft): 3655

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 20
 Setting Depth (ft): 286
 Amount Cement (sx): 250
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3511
 Bottom (ft): 3560

Production Casing

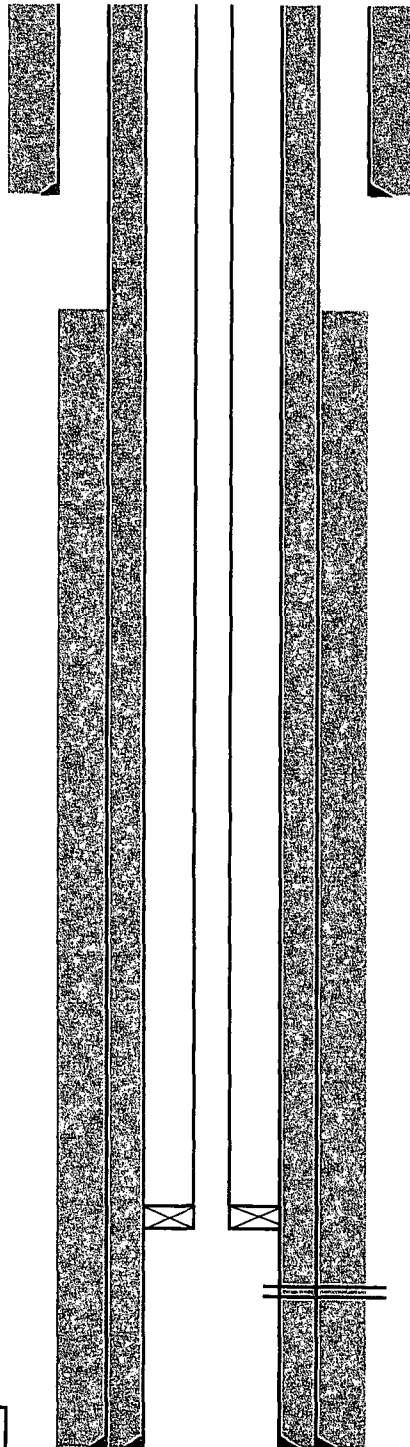
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3674
 Amount Cement (sx): 300
 Top of Cement (ft): 2431
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #85
 Well Location:
 Calls: 1980' FNL, 1980' FEL
 Unit: G
 Section: 14
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3542
 Amount Cement (sx): 350
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3374

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will converted to injection service.
- (4) Perforations 3553-3601 squeezed with 258 sx.
- (5) No other known productive intervals in area.

Total Depth (ft): 3654
 PBTD (ft): 3542

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 454
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3474
 Bottom (ft): 3520

Production Casing

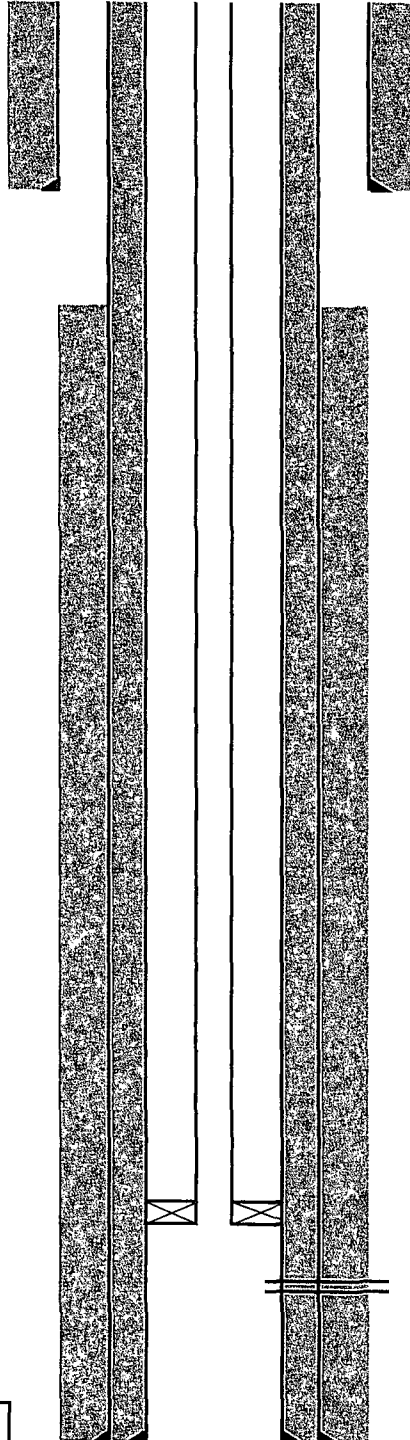
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3654
 Amount Cement (sx): 800
 Top of Cement (ft): 339
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #86
 Well Location:
 Calls 1980' FNL, 1980' FWL
 Unit F
 Section 14
 Township 8S
 Range 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3590
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3344

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3650
 PBTD (ft): 3590

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 254
 Amount Cement (sx): 250
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3444
 Bottom (ft): 3490

Production Casing

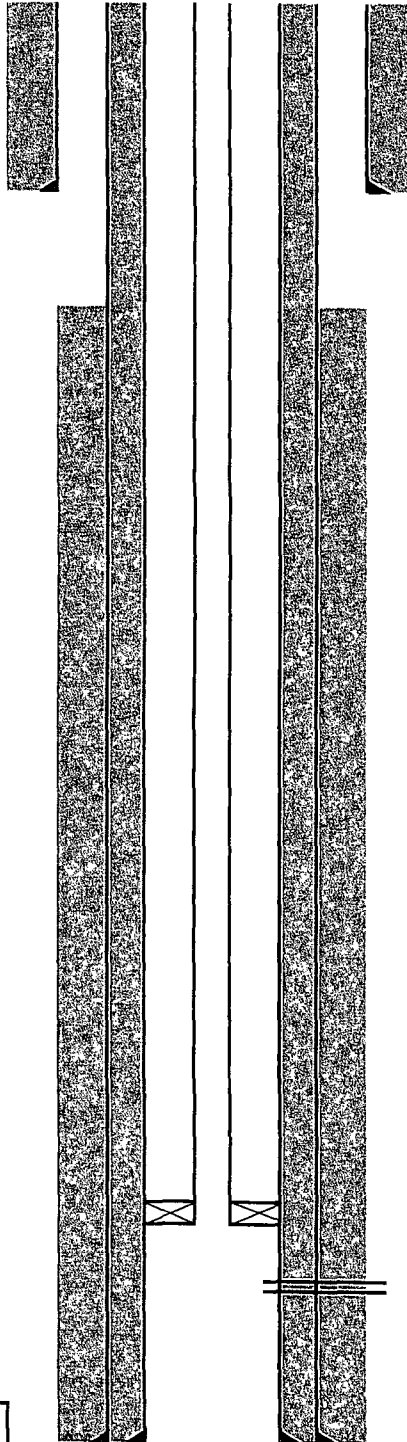
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3610
 Amount Cement (sx): 300
 Top of Cement (ft): 2367
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator:	Cano Petro of New Mexico, Inc.
Well Name:	CSAU #87
Well Location:	
Calls	1980' FNL, 660' FWL
Unit	E
Section	14
Township	'8S
Range	30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in):	3 1/2
Casing Weight (ppf):	7.7
Setting Depth (ft):	3645
Amount Cement (sx):	300
Top of Cement (ft):	Surface
TOC Method:	Circulation

Tubing

Tubing Size (in):	2 1/16
Tubing Weight (ppf):	3.25
Lining:	Seal-tite

Packer

Model:	Baker AD-1
Setting Depth (ft):	3331

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft):	3750
PBTD (ft):	3645

Surface Casing

Hole Size (in):	12 1/4
Casing Size (in):	8 5/8
Casing Weight (ppf):	24
Setting Depth (ft):	456
Amount Cement (sx):	300
Top of Cement (ft):	Surface
TOC Method:	Circulated

Perforations

Top (ft):	3431
Bottom (ft):	3555

Production Casing

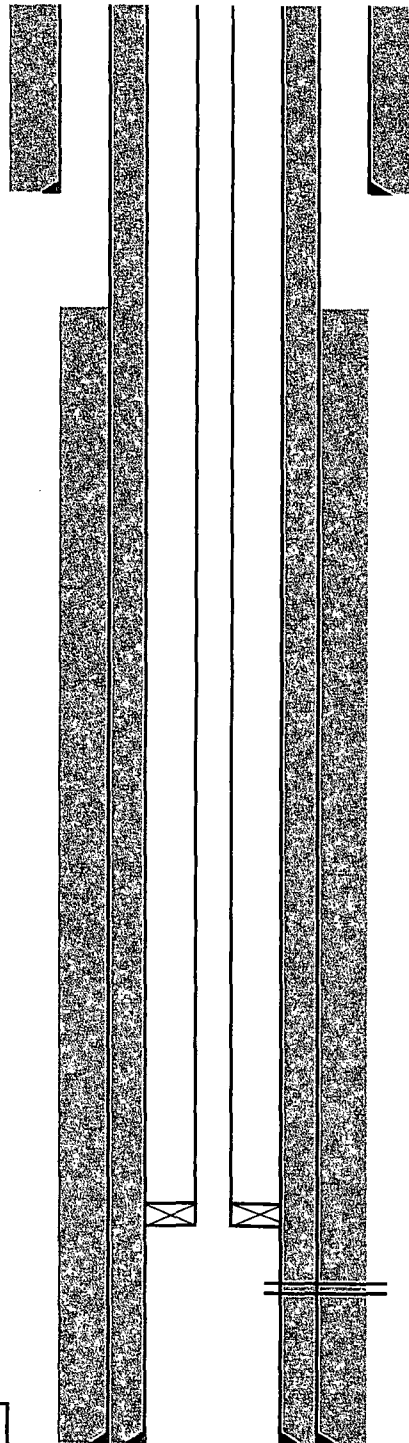
Hole Size (in):	7 7/8
Casing Size (in):	4 1/2
Casing Weight (ppf):	9.5
Setting Depth (ft):	3750
Amount Cement (sx):	800
Top of Cement (ft):	435
TOC Method:	Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #88
 Well Location:
 Calls 1980' FNL, 660' FEL
 Unit H
 Section 15
 Township 8S
 Range 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3538
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3306

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3558
 PBTD (ft): 3538

Surface Casing

Hole Size (in): 11 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 270
 Amount Cement (sx): 250
 Top of Cement (ft): Surface
 TOC Method: Calculated

Perforations

Top (ft): 3406
 Bottom (ft): 3515

Production Casing

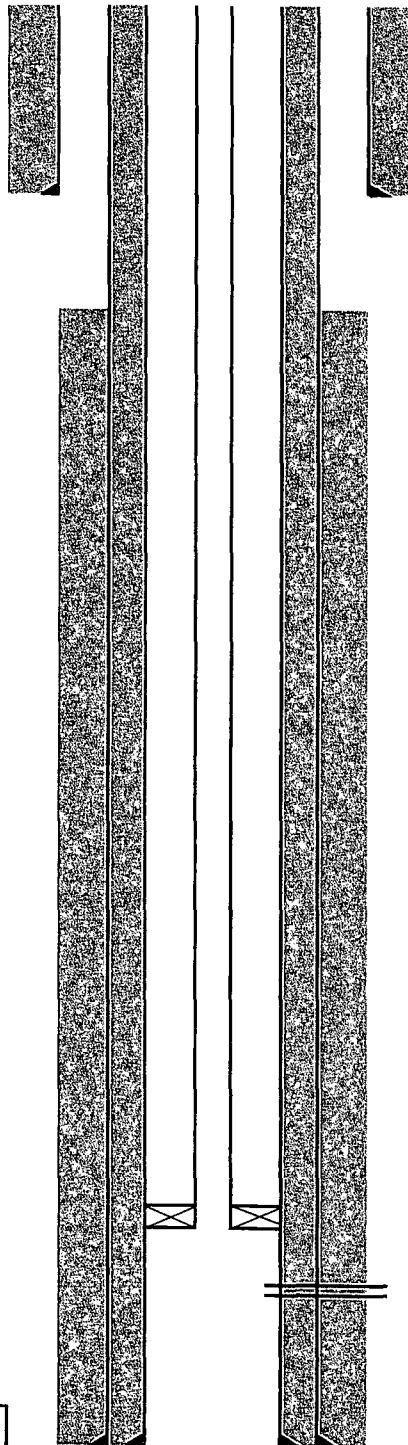
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3558
 Amount Cement (sx): 300
 Top of Cement (ft): 2315
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #109
 Well Location:
 Calls 1980' FSL, 660' FEL
 Unit I
 Section 15
 Township 8S
 Range 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3666
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3325

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3700
 PBTD (ft): 3666

Surface Casing

Hole Size (in): 11
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 452
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3425
 Bottom (ft): 3515

Production Casing

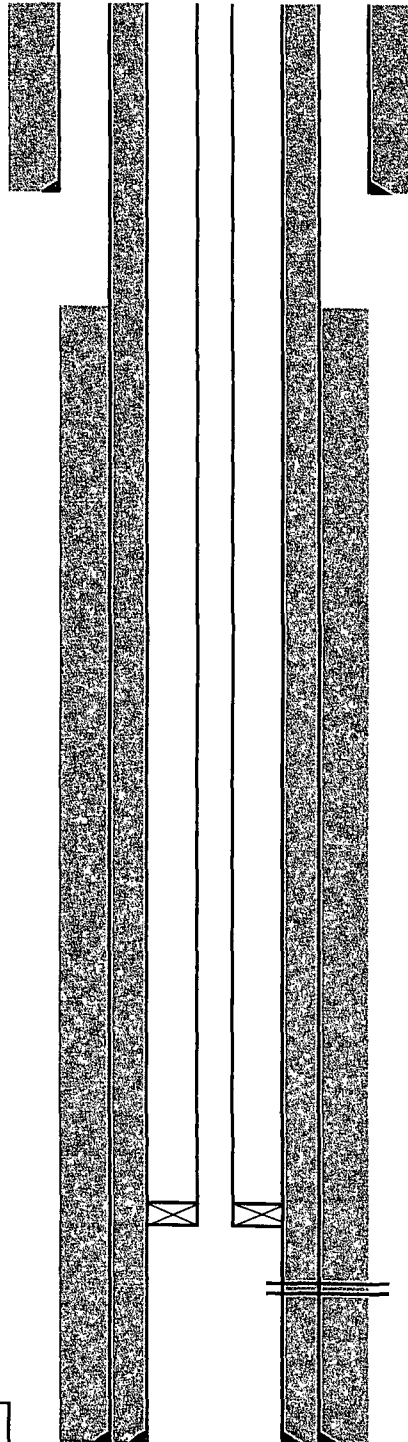
Hole Size (in): 6 3/4
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3695
 Amount Cement (sx): 350
 Top of Cement (ft): 2200
 TOC Method: T.S.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #110
 Well Location:
 Calls 1980' FSL, 660' FWL
 Unit L
 Section 14
 Township 8S
 Range 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3576
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3500

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3600
 PBTD (ft): 3576

Surface Casing

Hole Size (in): 11
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 450
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3436
 Bottom (ft): 3559

Production Casing

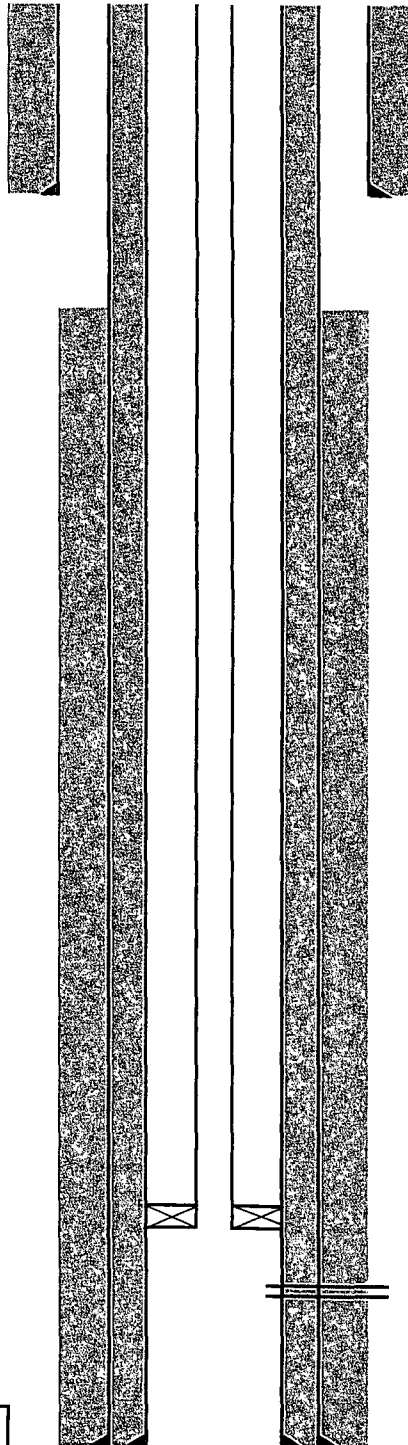
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3600
 Amount Cement (sx): 800
 Top of Cement (ft): 285
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #111
 Well Location:
 Calls 1980' FSL, 1980' FWL
 Unit K
 Section 14
 Township 8S
 Range 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3625
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3377

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3645
 PBTD (ft): 3625

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 295
 Amount Cement (sx): 260
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3477
 Bottom (ft): 3518

Production Casing

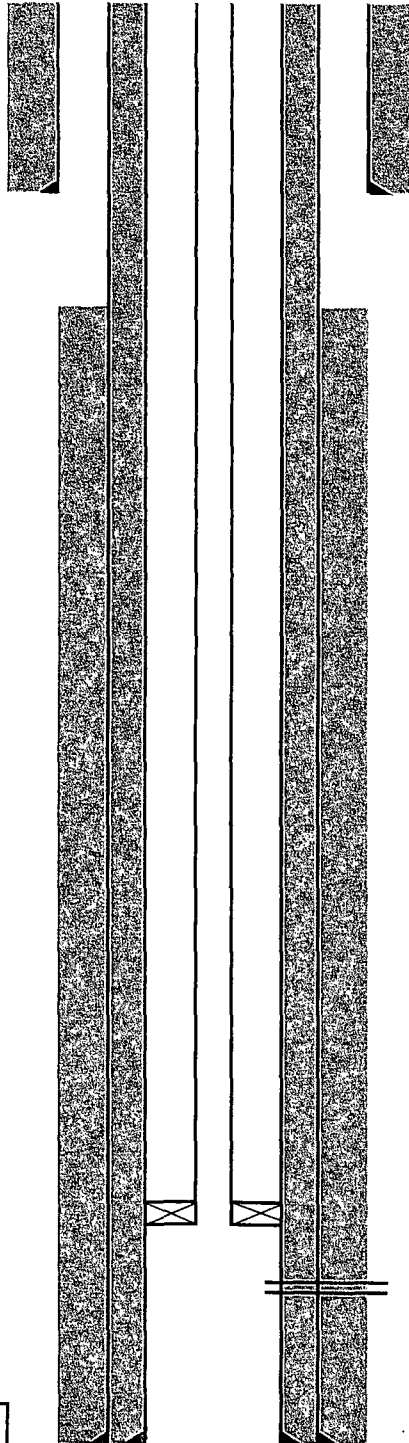
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3645
 Amount Cement (sx): 300
 Top of Cement (ft): 2402
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #112
 Well Location:
 Calls: 1980' FSL, 1980' FEL
 Unit: J
 Section: 14
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3570
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3397

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a produce, and will converted to injection service.
- (4) Perforations 3580-3628 squeezed with 150 sx.
- (5) No other known productive intervals in area.

Total Depth (ft): 3660
 PBTD (ft): 3570

Surface Casing

Hole Size (in): 11
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 470
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3497
 Bottom (ft): 3544

Production Casing

Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3660
 Amount Cement (sx): 800
 Top of Cement (ft): 345
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #113
 Well Location:
 Calls: 1980' FSL, 660' FEL
 Unit: I
 Section: 14
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3591
 Amount Cement (sx): 30C
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3424

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3596
 PBTD (ft): 3591

CURRENT WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 295
 Amount Cement (sx): 250
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3524
 Bottom (ft): 3580

Production Casing

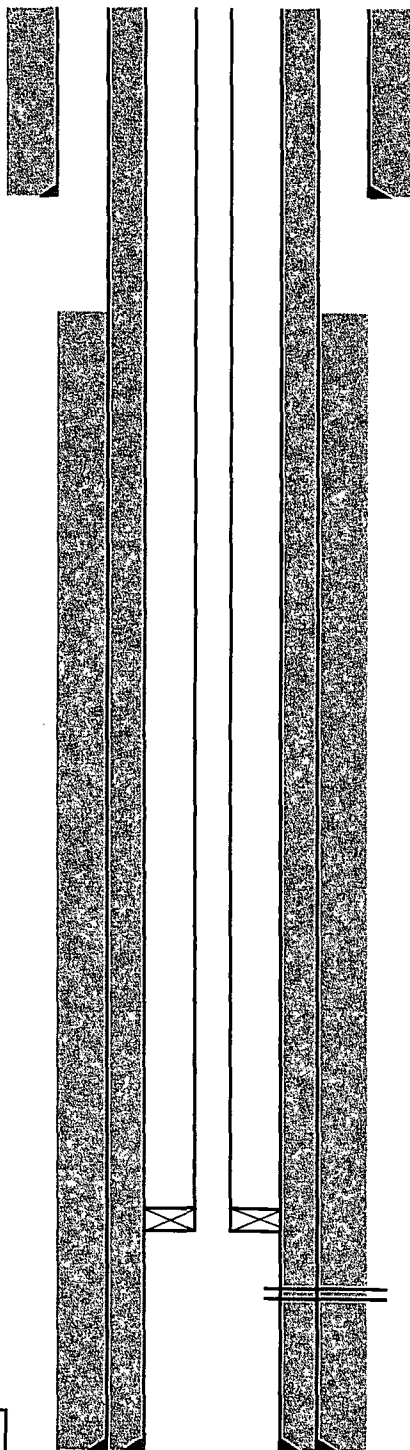
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3596
 Amount Cement (sx): 300
 Top of Cement (ft): 2353
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #114
 Well Location:
 Calls: 660' FSL, 660' FEL
 Unit: P
 Section: 14
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3614
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3455

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3618
 PBTD (ft): 3614

Surface Casing

Hole Size (in): 11
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 290
 Amount Cement (sx): 250
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3555
 Bottom (ft): 3600

Production Casing

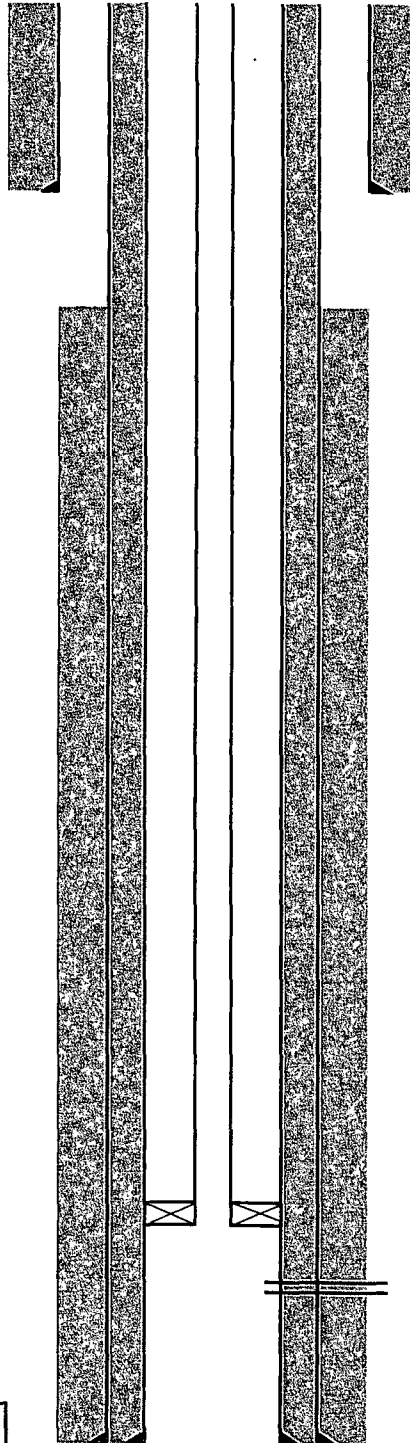
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3618
 Amount Cement (sx): 350
 Top of Cement (ft): 2168
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #115
 Well Location: 660' FSL, 1980' FEL
 Calls: O
 Unit: 14
 Section: 8S
 Township: 30E
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3621
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3431

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3694
 PBTD (ft): 3621

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 284
 Amount Cement (sx): 250
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3531
 Bottom (ft): 3571

Production Casing

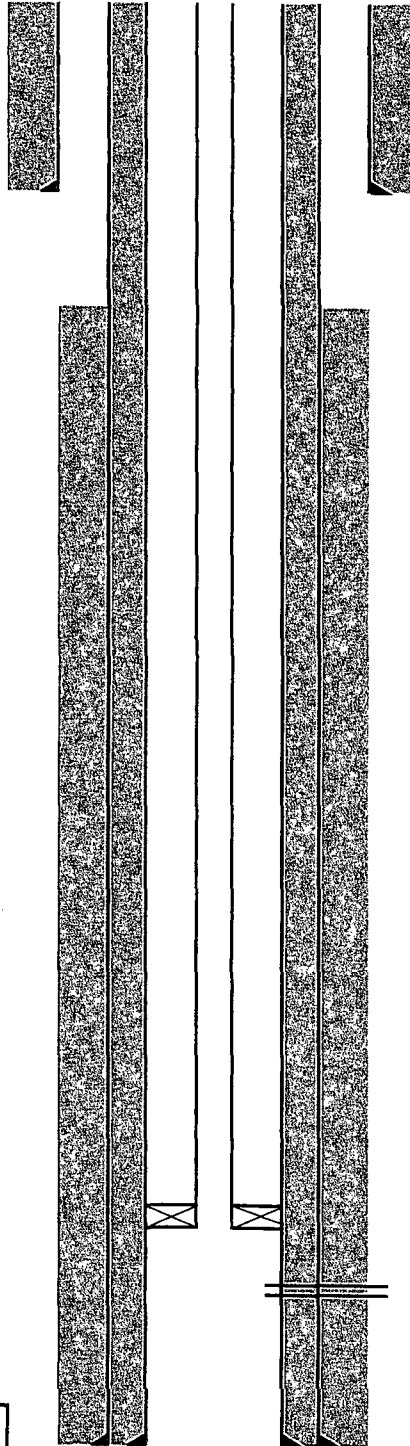
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3694
 Amount Cement (sx): 300
 Top of Cement (ft): 2451
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #116
 Well Location:
 Calls: 660' FSL, 1980' FWL
 Unit: N
 Section: 14
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3635
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3472

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3660
 PBTD (ft): 3635

Surface Casing

Hole Size (in): 11
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 460
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3572
 Bottom (ft): 3619

Production Casing

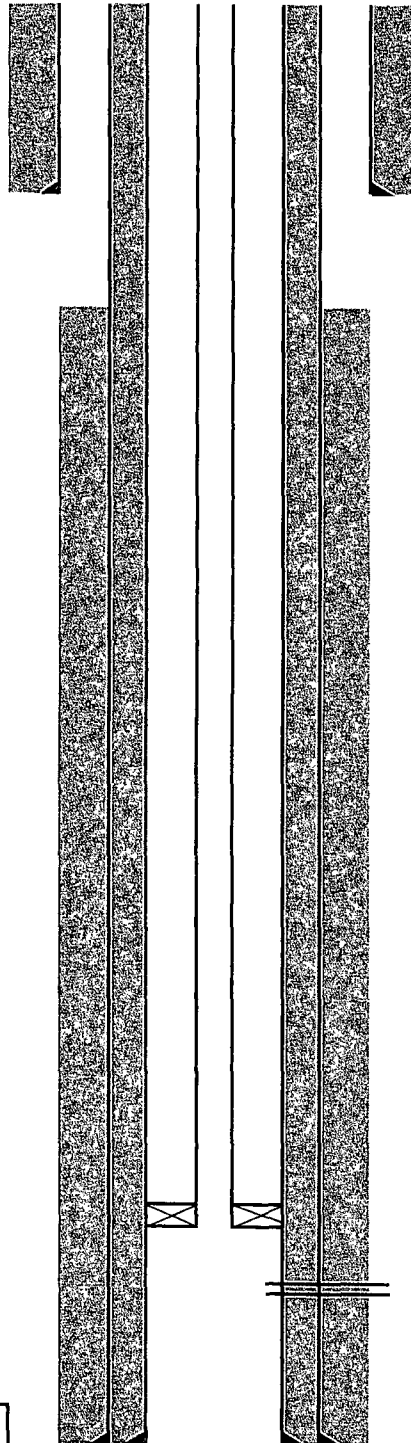
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3660
 Amount Cement (sx): 800
 Top of Cement (ft): 345
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #117
Well Location:
Calls: 660' FSL, 660' FWL
Unit: M
Section: 14
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 285
Amount Cement (sx): 250
Top of Cement (ft): Surface
TOC Method: Calculated

Production Casing

Casing Size (in): 3 1/2
Casing Weight (ppf): 7.7
Setting Depth (ft): 3642
Amount Cement (sx): 300
Top of Cement (ft): Surface
TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
Tubing Weight (ppf): 3.25
Lining: Seal-tite

Packer

Model: Baker AD-1
Setting Depth (ft): 3403

Perforations

Top (ft): 3503
Bottom (ft): 3604

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3670
Amount Cement (sx): 300
Top of Cement (ft): 2427
TOC Method: Calculated

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a produce; and will converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

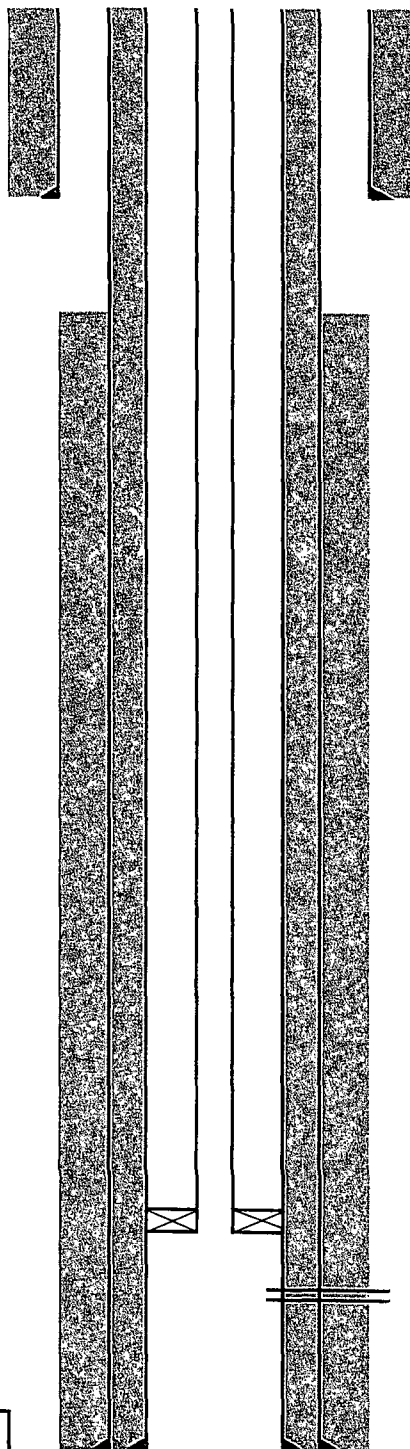
Total Depth (ft): 3670
PBTD (ft): 3642

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #118
 Well Location:
 Calls: 660' FSL, 660' FEL
 Unit: P
 Section: 15
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 457
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 7.7
 Setting Depth (ft): 3611
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulation

Tubing

Tubing Size (in): 2 1/16
 Tubing Weight (ppf): 3.25
 Lining: Seal-tite

Packer

Model: Baker AD-1
 Setting Depth (ft): 3372

Perforations

Top (ft): 3472
 Bottom (ft): 3564

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3650
 PBTD (ft): 3611

Production Casing

Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3650
 Amount Cement (sx): 350
 Top of Cement (ft): 2300
 TOC Method: T.S.

ATTACHMENT TO FORM C-108
Cano Petro of New Mexico, Inc.
Cato San Andres Unit

WELLBORE SCHEMATICS
PROPOSED INJECTION WELLS
WELLS TO BE DRILLED AS INJECTION WELLS

WELLBORE SCHEMATIC

Operator:	Cano Petro of New Mexico, Inc.
Well Name:	CSAU #50R
Well Location:	
Calls	1980' FSL, 1922' FEL
Unit	J
Section	11
Township	8S
Range	30E

PROPOSED WELL CONSTRUCTION

Surface Casing

Hole Size (in):	12 1/4
Casing Size (in):	8 5/8
Casing Weight (ppf):	24
Setting Depth (ft):	500
Amount Cement (sx):	350
Top of Cement (ft):	Surface
TOC Method:	Circulated

Tubing

Tubing Size (in):	2 3/8
Tubing Weight (ppf):	4.7
Lining:	Seal-tite

Packer

Model:	Baker AD-1
Setting Depth (ft):	3200

Perforations

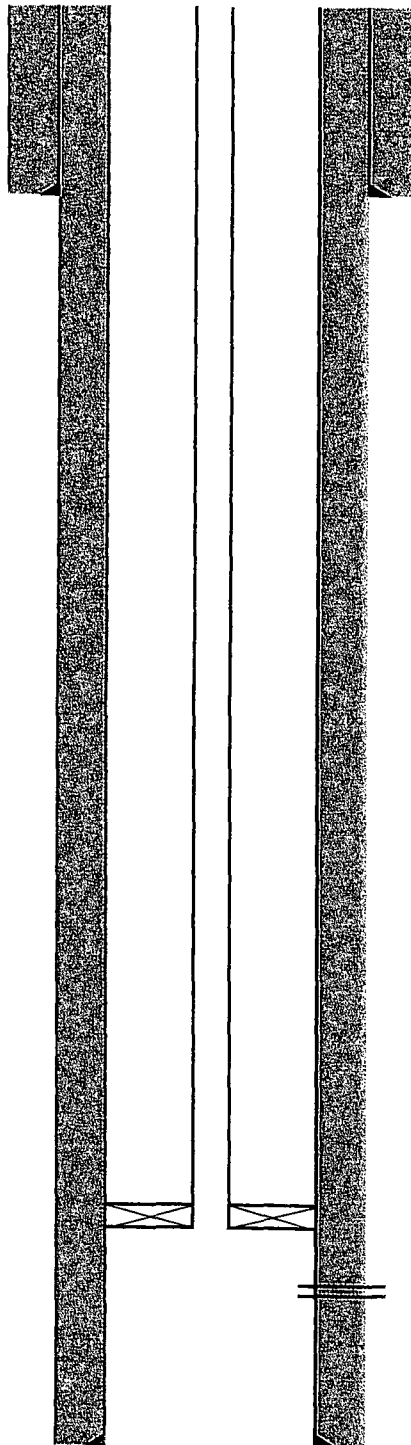
Top (ft):	3300
Bottom (ft):	3950

Production Casing

Hole Size (in):	7 7/8
Casing Size (in):	5 1/2
Casing Weight (ppf):	17
Setting Depth (ft):	4000
Amount Cement (sx):	1150
Top of Cement (ft):	0
TOC Method:	Circulated

Total Depth (ft): 4000

CURRENT WELL CONSTRUCTION



Notes

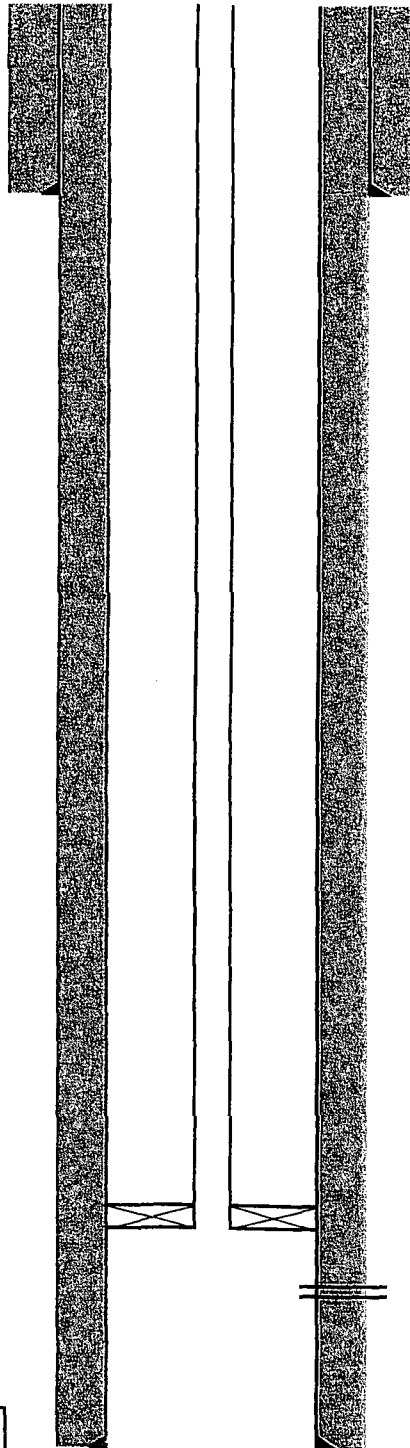
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as an injector.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #507
Well Location:
Calls: 710' FSL, 1980' FEL
Unit: O
Section: 2
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 515
Amount Cement (sx): 350
Top of Cement (ft): Surface
TOC Method: Circulated

Tubing

Tubing Size (in): 2 3/8
Tubing Weight (ppf): 4.7
Lining: Seal-tite

Packer

Model: Baker AD-1
Setting Depth (ft): 3342

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as an injector.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 3956

Perforations

Top (ft): 3442
Bottom (ft): 3598

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 5 1/2
Casing Weight (ppf): 15.5
Setting Depth (ft): 3956
Amount Cement (sx): 1150
Top of Cement (ft): 660
TOC Method: CBL

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #521
Well Location:
Calls: 536' FNL, 630' FWL
Unit: D
Section: 12
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 500
Amount Cement (sx): 350
Top of Cement (ft): Surface
TOC Method: Circulated

Tubing

Tubing Size (in): 2 3/8
Tubing Weight (ppf): 4.7
Lining: Seal-tite

Packer

Model: Baker AD-1
Setting Depth (ft): 3200

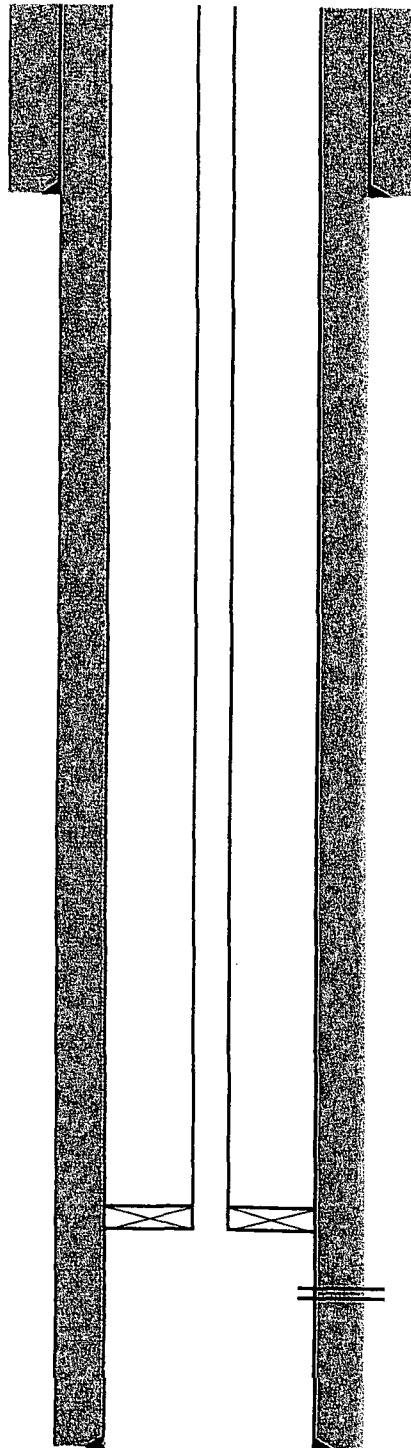
Perforations

Top (ft): 3300
Bottom (ft): 3950

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 5 1/2
Casing Weight (ppf): 17
Setting Depth (ft): 4000
Amount Cement (sx): 1150
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

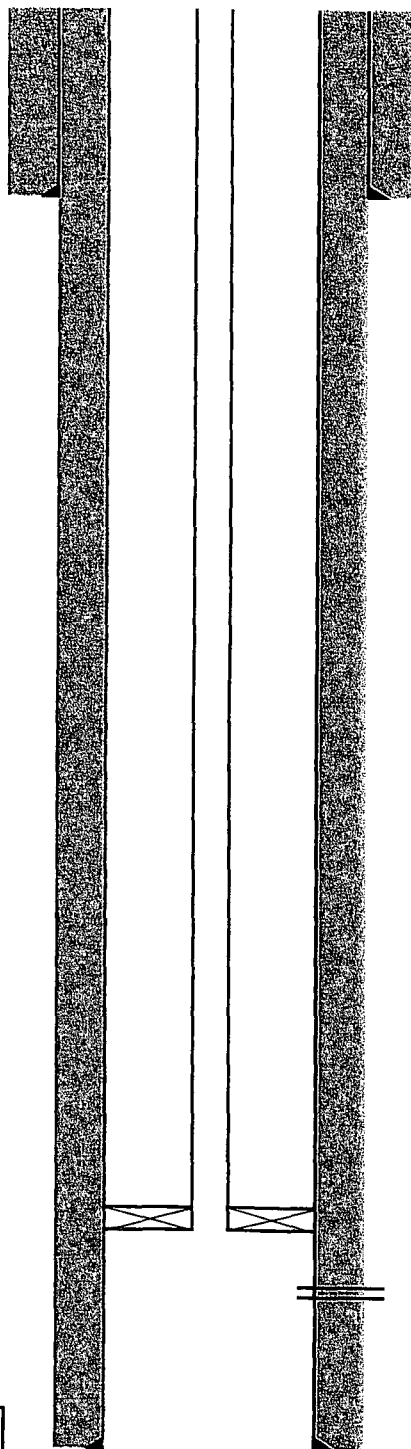
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as an injector.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator:	Cano Petro of New Mexico, Inc.
Well Name:	CSAU #533
Well Location:	
Calls	1980' FSL, 1930' FWL
Unit	K
Section	11
Township	8S
Range	30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Surface Casing

Hole Size (in):	12 1/4
Casing Size (in):	8 5/8
Casing Weight (ppf):	24
Setting Depth (ft):	525
Amount Cement (sx):	350
Top of Cement (ft):	Surface
TOC Method:	Circulated

Tubing

Tubing Size (in):	2 3/8
Tubing Weight (ppf):	4.7
Lining:	Seal-tite

Packer

Model:	Baker AD-1
Setting Depth (ft):	3514

Perforations

Top (ft):	3614
Bottom (ft):	3877

Production Casing

Hole Size (in):	7 7/8
Casing Size (in):	5 1/2
Casing Weight (ppf):	17
Setting Depth (ft):	4005
Amount Cement (sx):	1450
Top of Cement (ft):	225
TOC Method:	CBL

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as an injector.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

Total Depth (ft): 4005

WELLBORE SCHEMATIC

Operator:	Cano Petro of New Mexico, Inc.
Well Name:	CSAU #537
Well Location:	
Cells	1930' FSL, 658' FWL
Unit	L
Section	12
Township	8S
Range	30E

PROPOSED WELL CONSTRUCTION

Surface Casing

Hole Size (in):	12 1/4
Casing Size (in):	8 5/8
Casing Weight (ppf):	24
Setting Depth (ft):	500
Amount Cement (sx):	350
Top of Cement (ft):	Surface
TOC Method:	Circulated

Tubing

Tubing Size (in):	2 3/8
Tubing Weight (ppf):	4.7
Lining:	Seal-tite

Packer

Model:	Baker AD-1
Setting Depth (ft):	3200

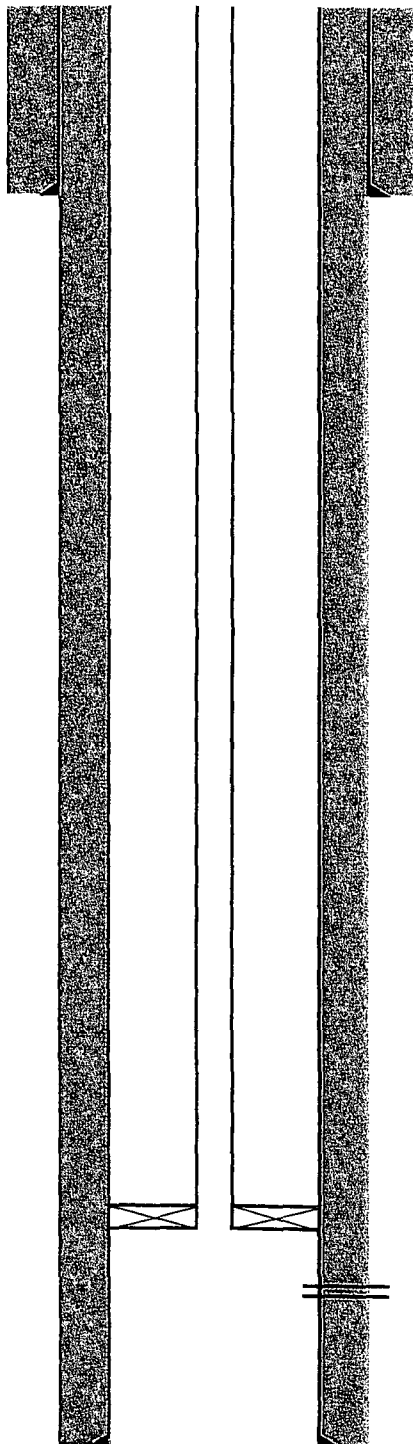
Perforations

Top (ft):	3300
Bottom (ft):	3950

Production Casing

Hole Size (in):	7 7/8
Casing Size (in):	5 1/2
Casing Weight (ppf):	17
Setting Depth (ft):	4000
Amount Cement (sx):	1150
Top of Cement (ft):	0
TOC Method:	Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as an injector.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #822
Well Location:
Calls 659' FNL, 1922' FEL
Unit B
Section -11
Township 8S
Range 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 500
Amount Cement (sx): 350
Top of Cement (ft): Surface
TOC Method: Circulated

Tubing

Tubing Size (in): 2 3/8
Tubing Weight (ppf): 4.7
Lining: Seal-tite

Packer

Model: Baker AD-1
Setting Depth (ft): 3200

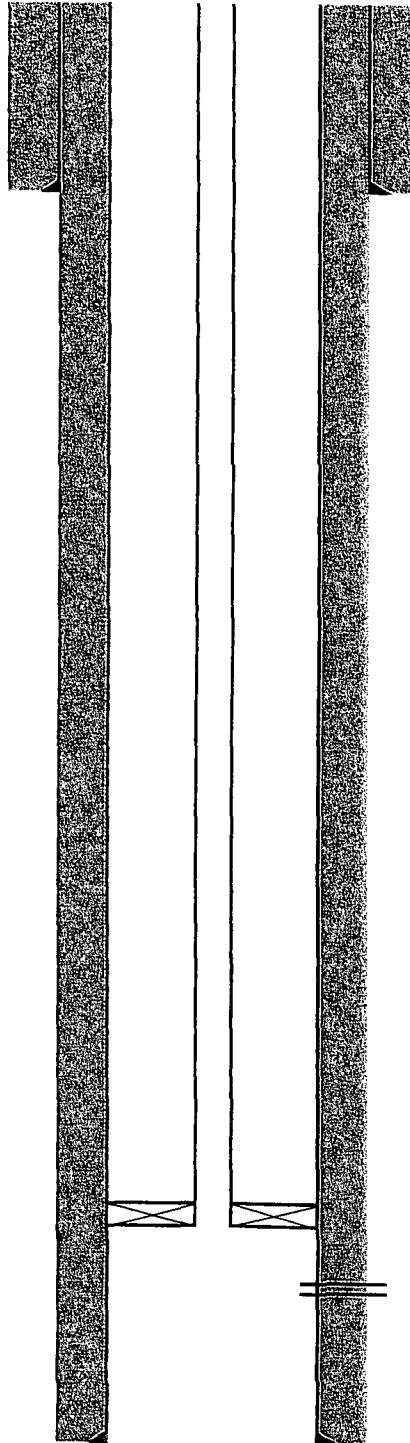
Perforations

Top (ft): 3300
Bottom (ft): 3950

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 5 1/2
Casing Weight (ppf): 17
Setting Depth (ft): 4000
Amount Cement (sx): 1150
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as an injector.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #824
Well Location:
Calls: 1980' FNL, 720' FWL
Unit: E
Section: 12
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 500
Amount Cement (sx): 350
Top of Cement (ft): Surface
TOC Method: Circulated

Tubing

Tubing Size (in): 2 3/8
Tubing Weight (ppf): 4.7
Lining: Seal-tite

Packer

Model: Baker AD-1
Setting Depth (ft): 3200

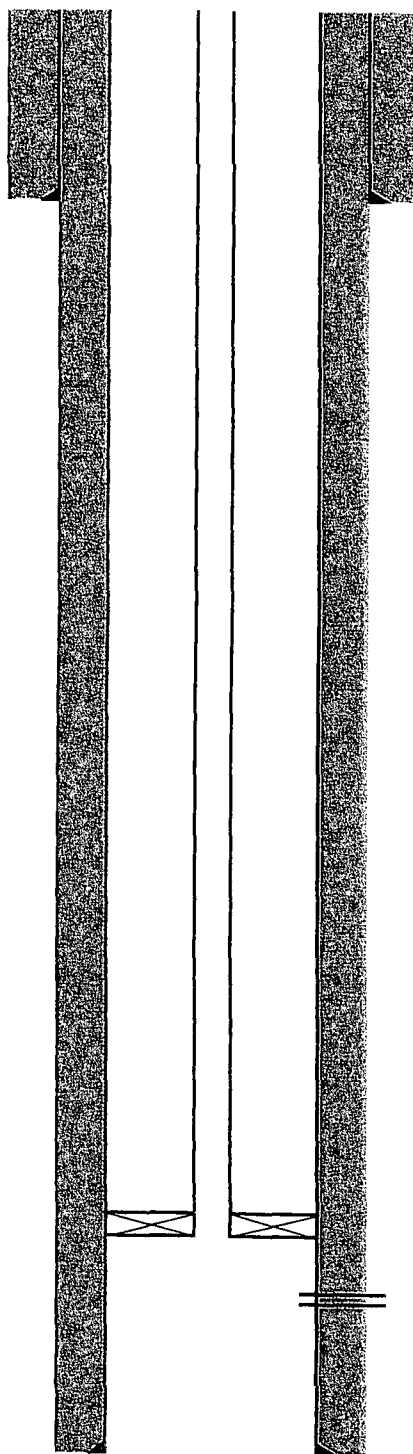
Perforations

Top (ft): 3300
Bottom (ft): 3950

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 5 1/2
Casing Weight (ppf): 17
Setting Depth (ft): 4000
Amount Cement (sx): 1150
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as an injector.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #826
Well Location:
Calls: 1982' FNL, 1954' FEL
Unit: G
Section: 11
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 500
Amount Cement (sx): 350
Top of Cement (ft): Surface
TOC Method: Circulated

Tubing

Tubing Size (in): 2 3/8
Tubing Weight (ppf): 4.7
Lining: Seal-tite

Packer

Model: Baker AD-1
Setting Depth (ft): 3200

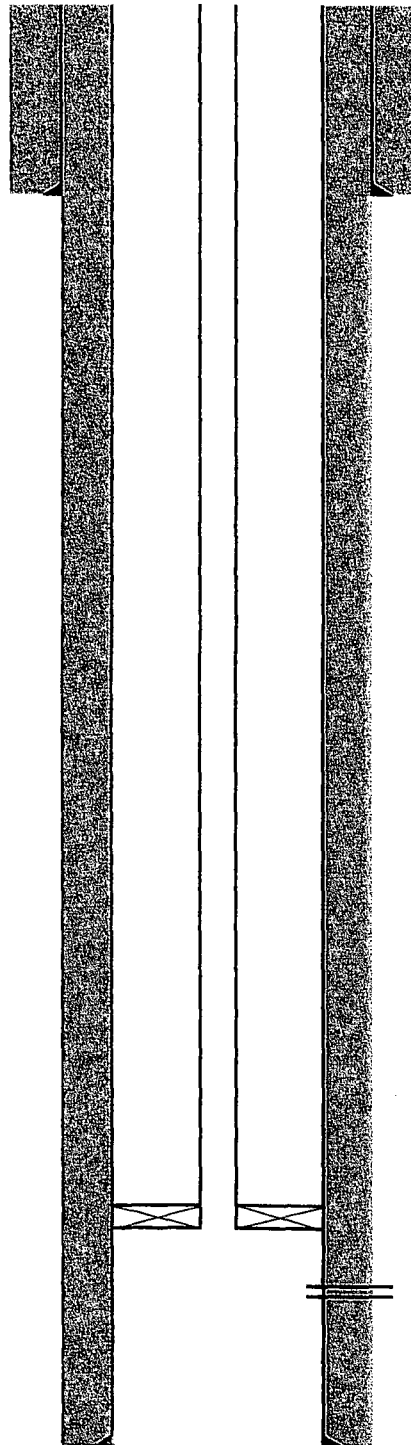
Perforations

Top (ft): 3300
Bottom (ft): 3950

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 5 1/2
Casing Weight (ppf): 17
Setting Depth (ft): 4000
Amount Cement (sx): 1150
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as an injector.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #827
Well Location:
Calls 1980' FNL, 2037' FWL
Unit F
Section 11
Township 8S
Range 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 500
Amount Cement (sx): 350
Top of Cement (ft): Surface
TOC Method: Circulated

Tubing

Tubing Size (in): 2 3/8
Tubing Weight (ppf): 4.7
Lining: Seal-tite

Packer

Model: Baker AD-1
Setting Depth (ft): 3200

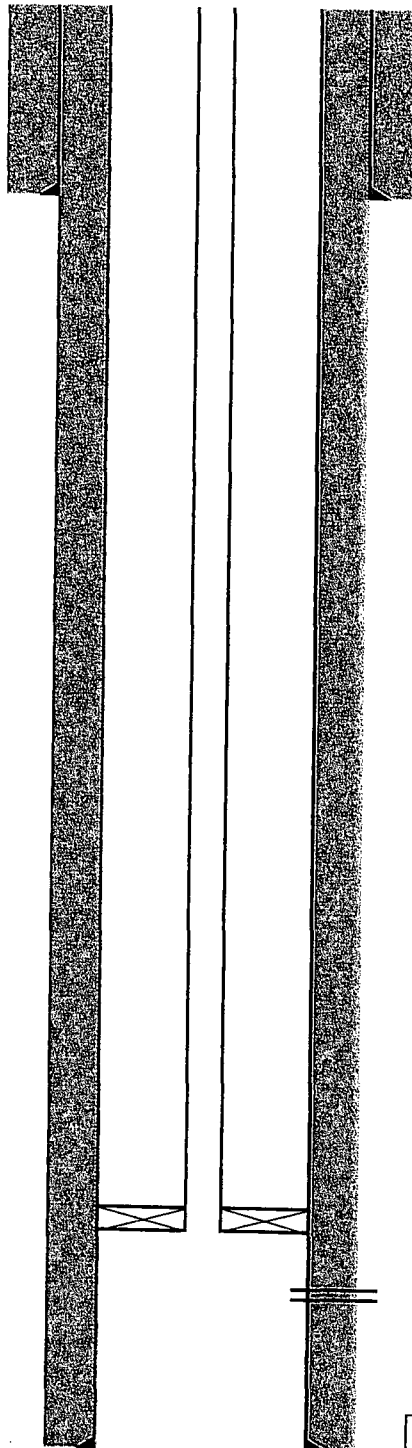
Perforations

Top (ft): 3300
Bottom (ft): 3950

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 5 1/2
Casing Weight (ppf): 17
Setting Depth (ft): 4000
Amount Cement (sx): 1150
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as an injector.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #854
Well Location:
Calls: 660' FSL, 1924' FEL
Unit: O
Section: 11
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 500
Amount Cement (sx): 350
Top of Cement (ft): Surface
TOC Method: Circulated

Tubing

Tubing Size (in): 2 3/8
Tubing Weight (ppf): 4.7
Lining: Seal-tite

Packer

Model: Baker AD-1
Setting Depth (ft): 3200

Perforations

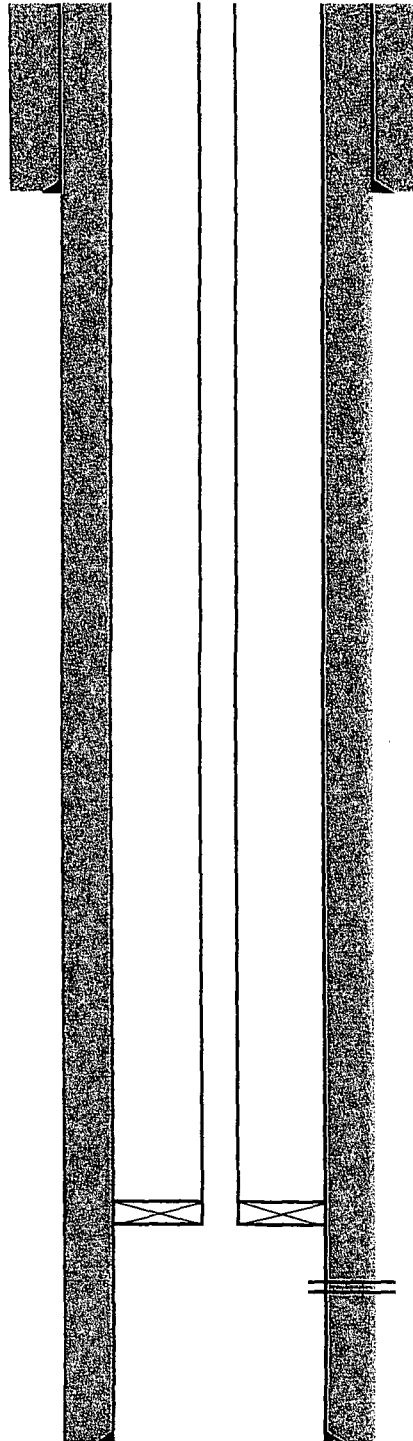
Top (ft): 3300
Bottom (ft): 3950

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 5 1/2
Casing Weight (ppf): 17
Setting Depth (ft): 4000
Amount Cement (sx): 1150
Top of Cement (ft): 0
TOC Method: Circulated

Total Depth (ft): 4000

CURRENT WELL CONSTRUCTION



Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as an injector.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #878
Well Location:
Calls: 658' FNL, 659' FWL
Unit: D
Section: 14
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 500
Amount Cement (sx): 350
Top of Cement (ft): Surface
TOC Method: Circulated

Tubing

Tubing Size (in): 2 3/8
Tubing Weight (ppf): 4.7
Lining: Seal-tite

Packer

Model: Baker AD-1
Setting Depth (ft): 3200

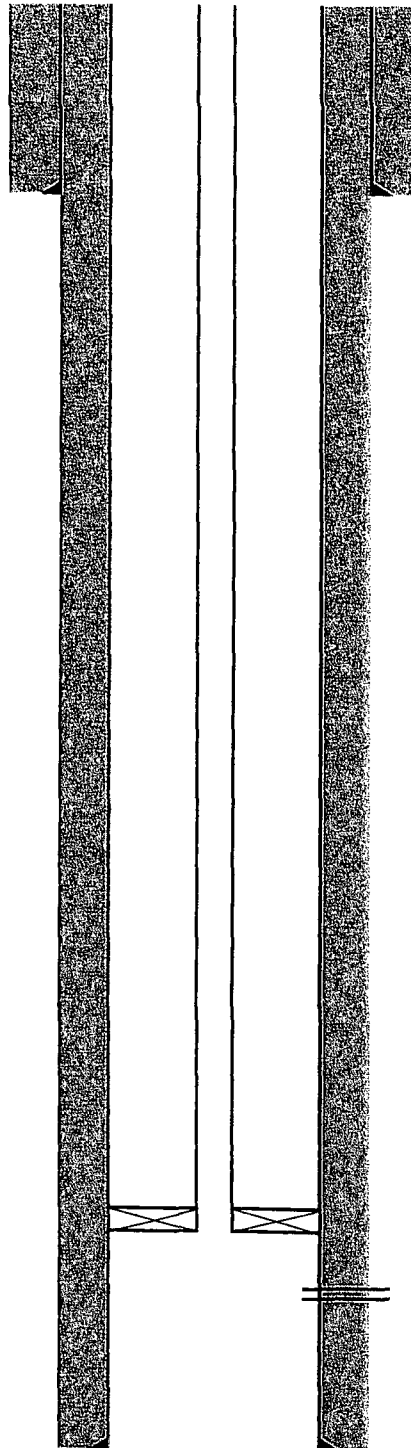
Perforations

Top (ft): 3300
Bottom (ft): 3950

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 5 1/2
Casing Weight (ppf): 17
Setting Depth (ft): 4000
Amount Cement (sx): 1150
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as an injector.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator:	Cano Petro of New Mexico, Inc.
Well Name:	CSAU #879
Well Location:	
Calls	660' FNL, 2040' FWL
Unit	C
Section	14
Township	8S
Range	30E

PROPOSED WELL CONSTRUCTION

Surface Casing

Hole Size (in):	12 1/4
Casing Size (in):	8 5/8
Casing Weight (ppf):	24
Setting Depth (ft):	500
Amount Cement (sx):	350
Top of Cement (ft):	Surface
TOC Method:	Circulated

Tubing

Tubing Size (in):	2 3/8
Tubing Weight (ppf):	4.7
Lining:	Seal-tite

Packer

Model:	Baker AD-1
Setting Depth (ft):	3200

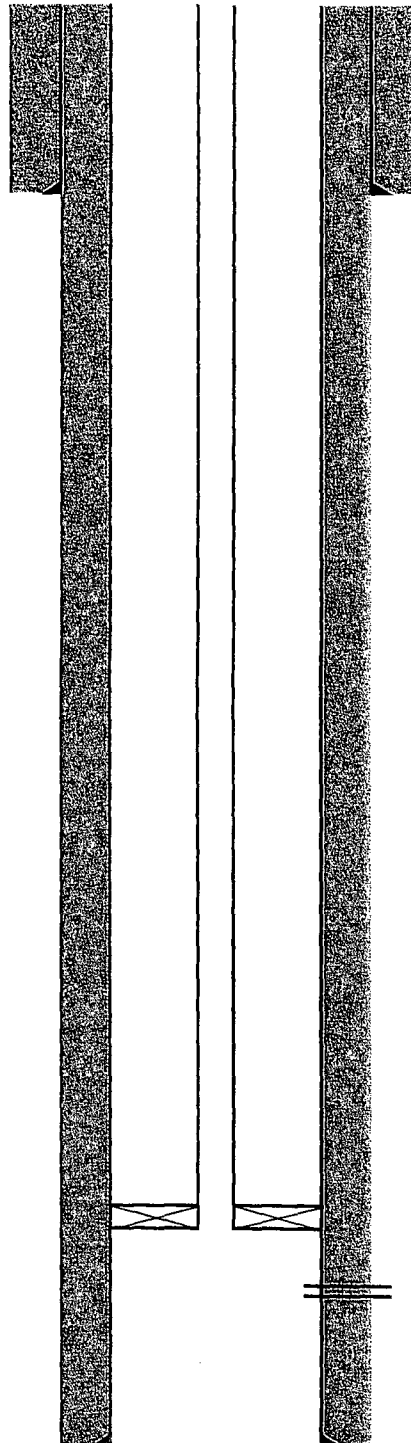
Perforations

Top (ft):	3300
Bottom (ft):	3950

Production Casing

Hole Size (in):	7 7/8
Casing Size (in):	5 1/2
Casing Weight (ppf):	17
Setting Depth (ft):	4000
Amount Cement (sx):	1150
Top of Cement (ft):	0
TOC Method:	Circulated

CURRENT WELL CONSTRUCTION

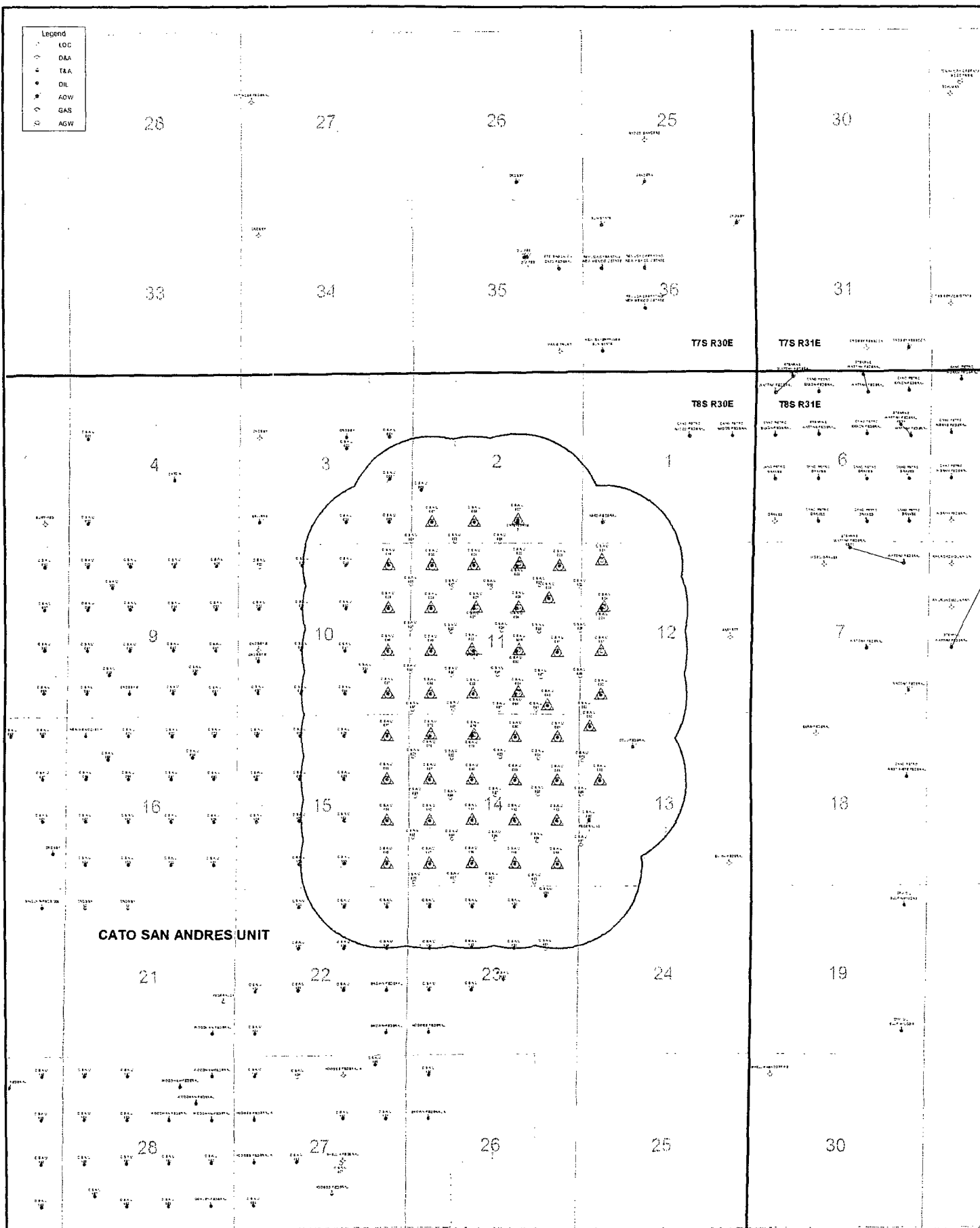


Total Depth (ft): 4000

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as an injector.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

- Legend
- LOC
 - DAA
 - T&A
 - DIL
 - ADW
 - GAS
 - AGW



CATO SAN ANDRES UNIT

- Proposed Injection Wells
- 1/2 Mile Radius
- Cato San Andres Unit

Cano Petro Inc. of New Mexico

Cato San Andres Unit Area
Chaves County, New Mexico

2000 0 2000 Feet

Map Created: April 7, 2000

ATTACHMENT TO FORM C-108
Cano Petro of New Mexico, Inc.
Cato San Andres Unit

WELLBORE SCHEMATICS
PLUGGED WELLS IN AREA OF REVIEW

WELLBORE SCHEMATIC

Operator: Pan American Petroleum Corp.
Well Name: ABKO "B" Federal # 1
Well Location:
Calls 660' FSL, 660' FWL
Unit M
Section 1
Township .85
Range 30E

PLUGGING DETAILS

10 sx cmt plug @ surface

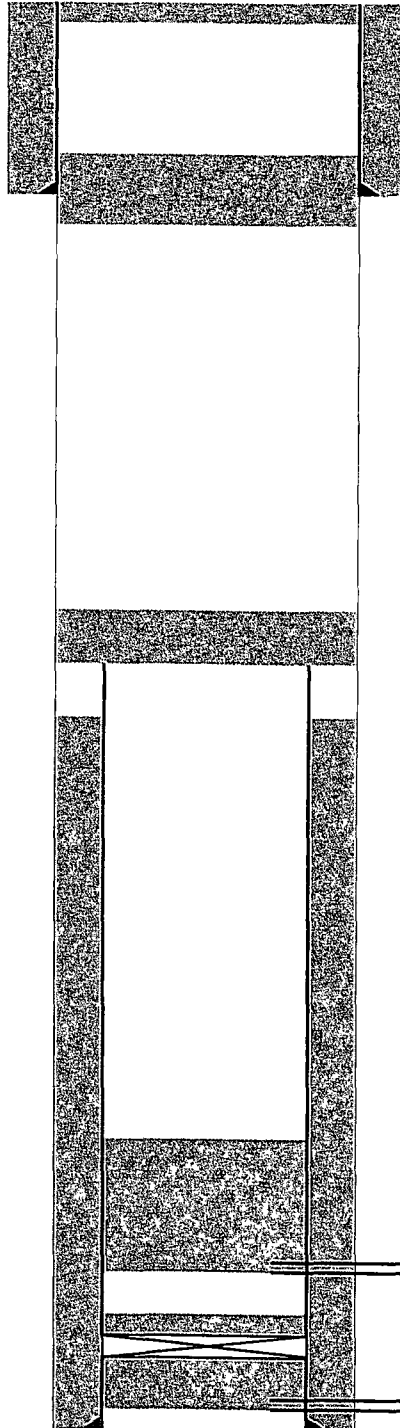
cmt plug 400' - 500'

25 sx plug @ 1357'

shot and pulled 4 1/2" casing @ 1357'

cmt plug 3330' - 3550'

CICR @ 3555'
squeezed w/ 150 sx
capped w/ 5' cmt



Total Depth (ft): 3662

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 457
Amount Cement (sx): 300
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): 3468
Bottom (ft): 3536

Top (ft): 3569
Bottom (ft): 3614

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3662
Amount Cement (sx): 800
Top of Cement (ft): Unknown
TOC Method: -----

WELLBORE SCHEMATIC

Operator: Union Texas Petroleum Corp.
Well Name: Basket # 1
Well Location:
Calls 1980' FSL, 1980' FWL
Unit K
Section 11
Township .85
Range 30E

PLUG DETAILS

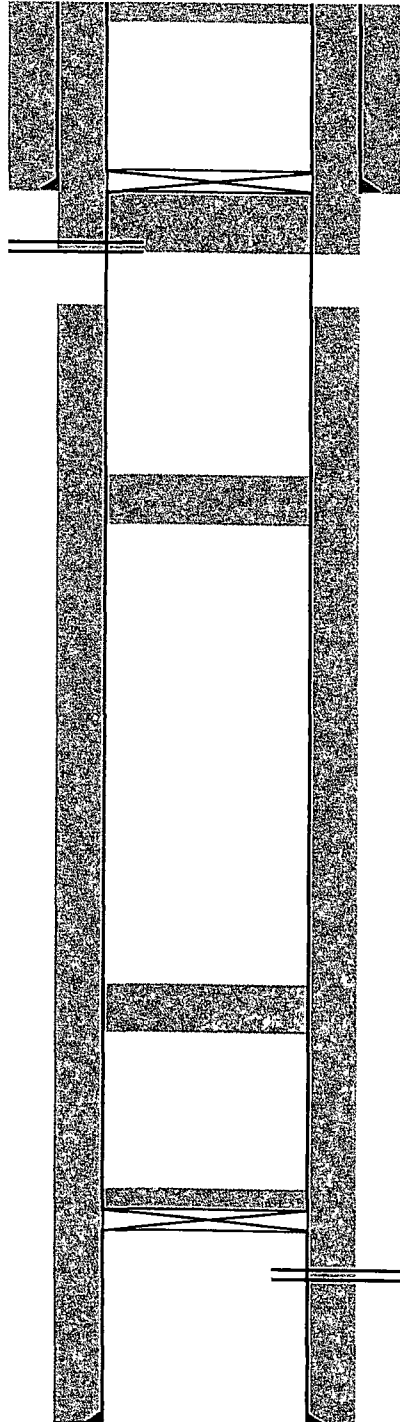
10 sx cmt plug at surface

CICR @ 505'
perforations @ 509'
cmt circulated to surface

cmt plug 1050' - 1150'

cmt plug 2350' - 2450'

CIBP @ 3400'
capped w/ 35' cmt



Total Depth (ft): 3700

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 510
Amount Cement (sx): 300
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): 3469
Bottom (ft): 3548

Production Casing

Hole Size (in): 6 3/4
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3700
Amount Cement (sx): 400
Top of Cement (ft): 2330
TOC Method: T.S.

WELLBORE SCHEMATIC

Operator: MWJ Producing Co.
Well Name: Cato-State # 3
Well Location:
Calls 660' FSL, 1980' FEL
Unit 0
Section 2
Township .8S
Range 30E

PLUGGING DETAILS

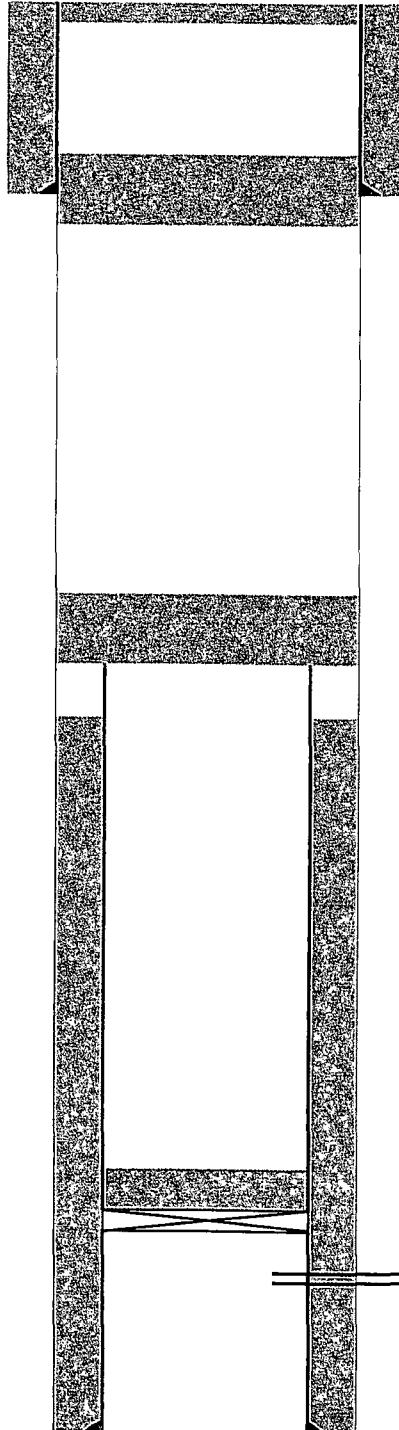
10 sx cmt plug @ surface

80 sx cmt plug @ 471'

100 sx plug @ 1998'

shot and pulled 5 1/2" casing @ 1998'

CIBP @ 3360'
capped w/ 35' cmt.



Total Depth (ft): 3589

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 11
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 421
Amount Cement (sx): 225
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): 3412
Bottom (ft): 3532

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 5 1/2
Casing Weight (ppf): 15.5
Setting Depth (ft): 3588
Amount Cement (sx): 600
Top of Cement (ft): Unknown
TOC Method: -----

WELLBORE SCHEMATIC

Operator: Southwest Production Corp.
Well Name: Coll Federal # 2
Well Location:
Calls 988' FNL, 1656' FWL
Unit C
Section 13
Township .85
Range 30E

PLUGGING DETAILS

10 sx cmt plug @ surface

25 sx cmt plug @ 727'

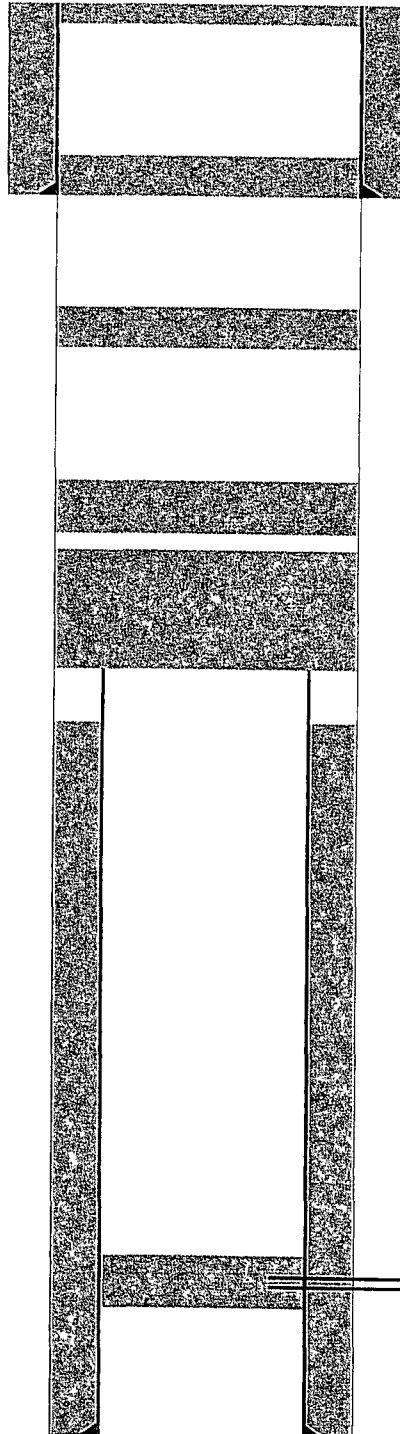
25 sx cmt plug @ 1100'

cmt plug 1650' - 1750'

100 sx cmt plug @ 2400'

shot and pulled 4 1/2" casing @ 2400'

cmt plug 3550' - 3573'



Total Depth (ft): 3610

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 9 7/8
Casing Size (in): 7
Casing Weight (ppf): 23
Setting Depth (ft): 727
Amount Cement (sx): 200
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): 3555
Bottom (ft): 3573

Production Casing

Hole Size (in): 6 1/4
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3610
Amount Cement (sx): 100
Top of Cement (ft): 2690
TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: H.L. Brown, Jr.
Well Name: Federal 13 # 1
Well Location:
Calls 1980' FSL, 330' FWL
Unit L
Section 13
Township 8S
Range 30E

PLUGGING DETAILS

10 sx cmt plug @ surface

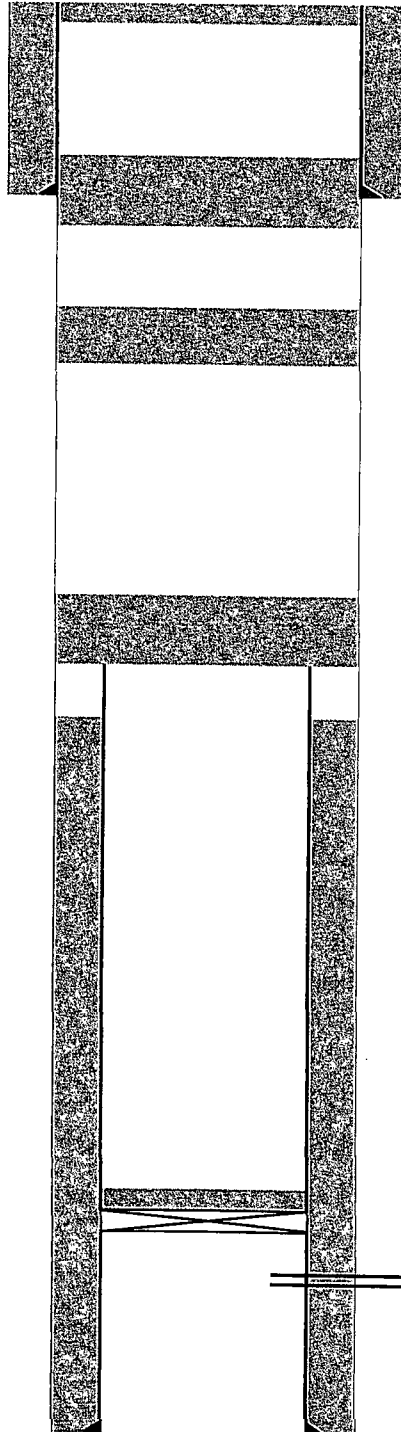
cmt plug 145' - 255'

cmt plug 910' - 1020'

cmt plug 2180' - 2290'

shot and pulled 4 1/2" casing @ 2292'

CIBP @ 3500'
capped w/ 3 sx cmt



Total Depth (ft): 3608

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 11
Casing Size (in): 8 5/8
Casing Weight (ppf): 20
Setting Depth (ft): 212
Amount Cement (sx): 175
Top of Cement (ft): Surface
TOC Method: Calculated

Perforations

Top (ft): 3555
Bottom (ft): 3564

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3606
Amount Cement (sx): 300
Top of Cement (ft): 2363
TOC Method: Calculated

WELLBORE SCHEMATIC

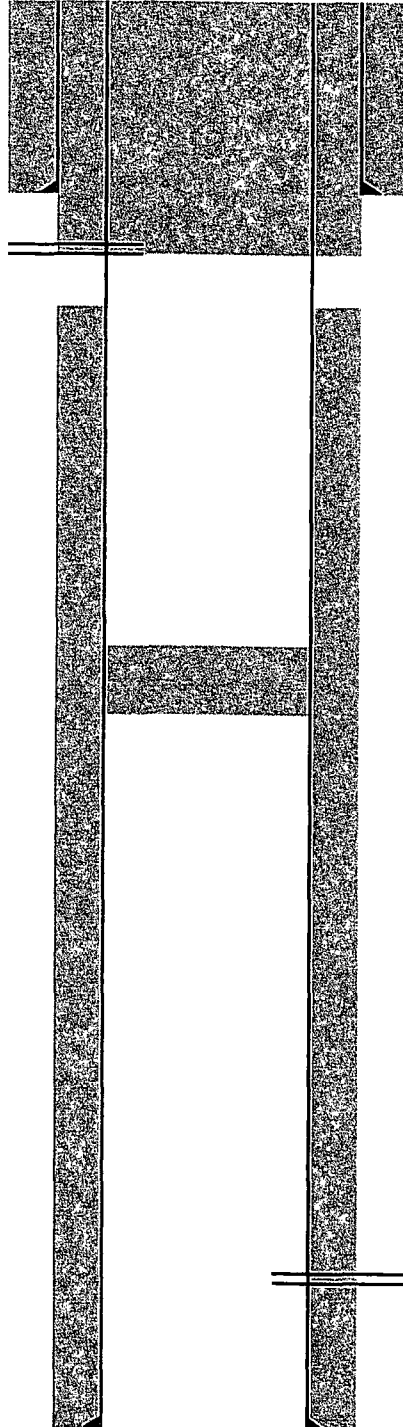
Operator: United Heritage New Mexico Corp.
Well Name: CSAU # 4
Well Location:
Calls 1980' FSL, 660' FEL
Unit 1
Section 3
Township .85
Range 30E

PLUG DETAILS

cmt plug surface - 50'

perforations @ 494'
circulated cmt to surface
(tagged @ 50')

cmt plug 1425' - 1525'



Total Depth (ft): 3460

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 454
Amount Cement (sx): 200
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): 3315
Bottom (ft): 3432

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3460
Amount Cement (sx): 800
Top of Cement (ft): Unknown
TOC Method: -----

WELLBORE SCHEMATIC

Operator: United Heritage New Mexico Corp.
Well Name: CSAU # 18
Well Location:
Calls 660' FNL, 1980' FEL
Unit B
Section 10
Township .8S
Range 30E

PLUG DETAILS

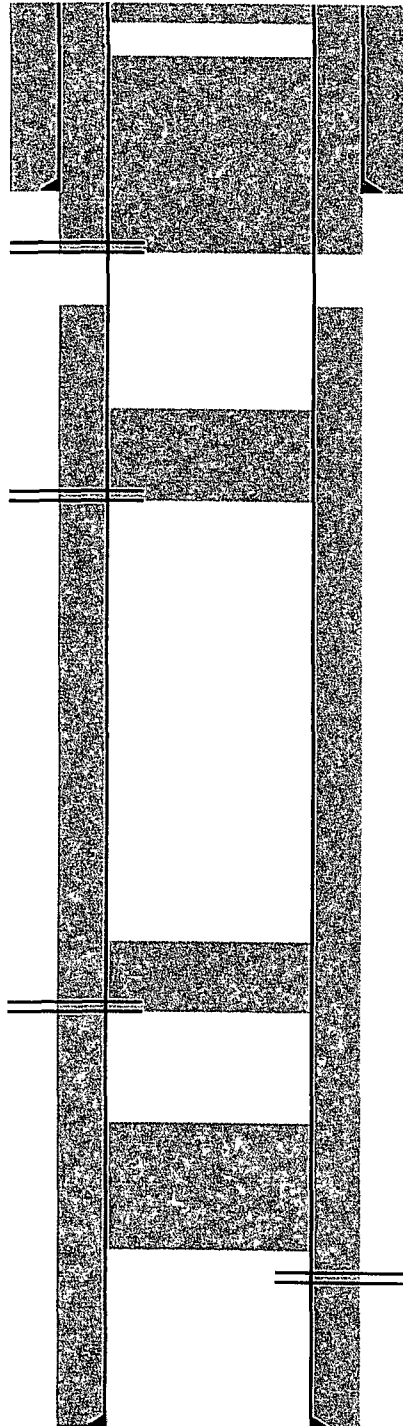
3 sx cmt plug @ surface

perforations @ 350'
cmt circulated to surface
(tagged @ 32')

perforations @ 1215'
squeezed w/ 45 sx cmt
(tagged @ 989')

perforations @ 2612'
squeezed w/ 45 sx cmt
(tagged @ 2538')

cmt plug 2914' - 3100'
(tagged)



Total Depth (ft): 3440

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 298
Amount Cement (sx): 250
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): 3292
Bottom (ft): 3400

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3440
Amount Cement (sx): 300
Top of Cement (ft): Unknown
TOC Method: -----

WELLBORE SCHEMATIC

Operator: Kelt Oil & Gas
 Well Name: CSAU # 24
 Well Location:
 Calls: 1980' FNL, 660' FWL
 Unit: E
 Section: 12
 Township: .8S
 Range: 30E

PLUG DETAILS

cmt plug surface - 50'

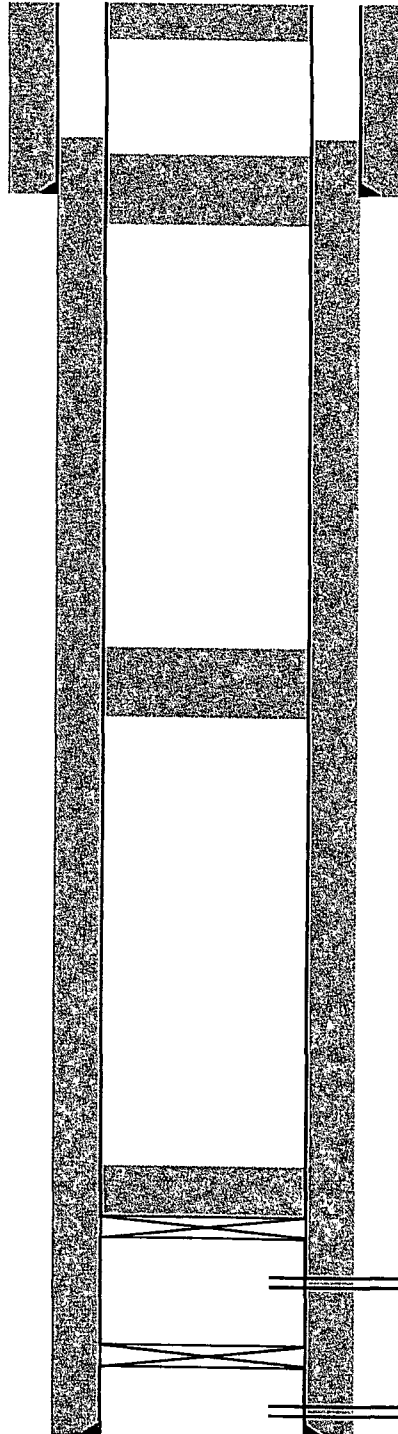
cmt plug 410' - 510'

cmt plug 1400' - 1500'

cmt plug 3350' - 3450'

CIBP @ 3450'

CICR @ 3610'
 squeezed w/ 150 sx cmt



Total Depth (ft): 3706

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 11
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 460
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3550
 Bottom (ft): 3595

 Top (ft): 3630
 Bottom (ft): 3676

Production Casing

Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3706
 Amount Cement (sx): 800
 Top of Cement (ft): 391
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: United Heritage New Mexico Corp.
Well Name: CSAU # 26
Well Location:
Calls 180' FNL, 1980' FEL
Unit G
Section 11
Township 8S
Range 30E

PLUG DETAILS

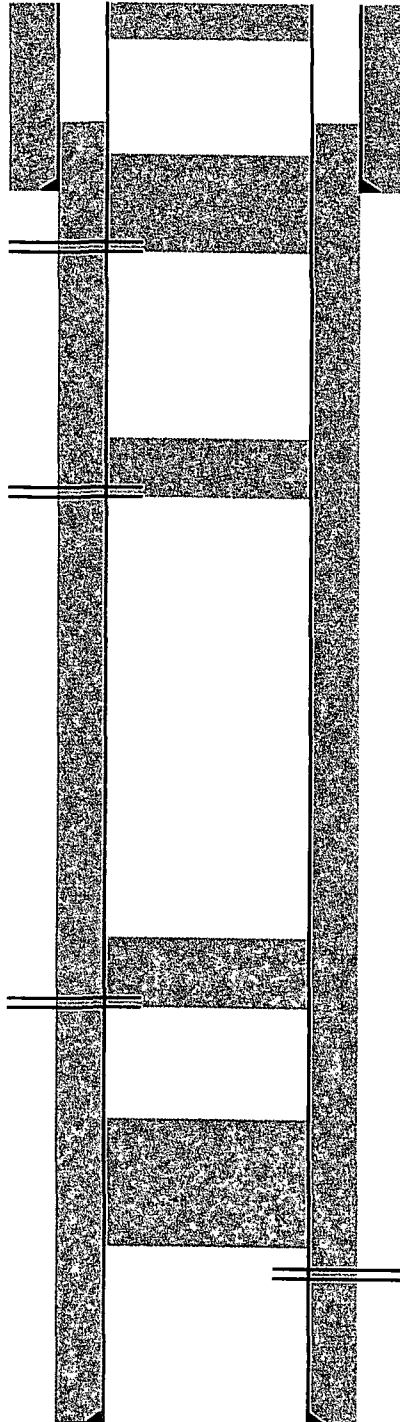
cmt plug surface - 60'

perforations @ 503'
squeezed w/ 60 sx cmt
(tagged @ 394')

perforations @ 1506'
squeezed w/ 45 sx cmt
(tagged @ 1385')

perforations @ 2612'
squeezed w/ 45 sx cmt
(tagged @ 2456')

cmt plug 3020' - 3381'



Total Depth (ft): 3605

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 453
Amount Cement (sx): 300
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): 3456
Bottom (ft): 3575

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3605
Amount Cement (sx): 800
Top of Cement (ft): 290
TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: United Heritage New Mexico Corp.
Well Name: CSAU # 50
Well Location:
Calls 1980' FSL, 1980' FEL
Unit J
Section 11
Township .85
Range 30E

PLUG DETAILS

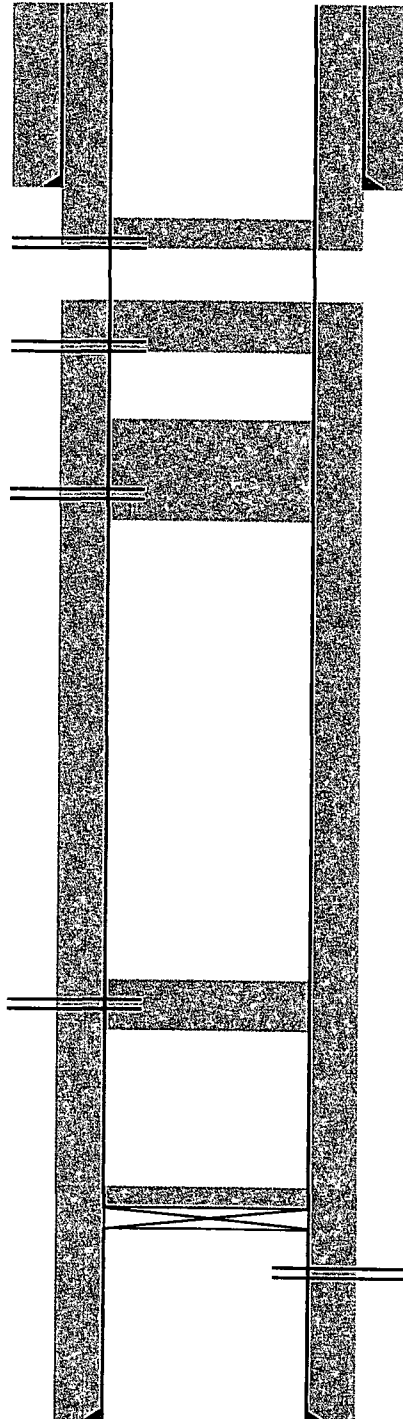
perforations @ 509'
cmt circulated to surface

perforations @ 799' squeezed w/ 4½ sx cmt
(tagged @ 650')

perforations @ 1550'
20 sx cmt plug @ 1600'
(tagged @ 1350')

perforations @ 2612'
25 sx cmt plug @ 2660'

CIBP @ 3450'
capped w/ 5 sx cmt



Total Depth (ft): 3650

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 457
Amount Cement (sx): 300
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): 3494
Bottom (ft): 3610

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3650
Amount Cement (sx): 800
Top of Cement (ft): Unknown
TOC Method: -----

WELLBORE SCHEMATIC

Operator: United Heritage New Mexico Corp.
Well Name: CSAU # 54
Well Location:
Calls 660' FSL, 1980' FEL
Unit O
Section 11
Township .8S
Range 30E

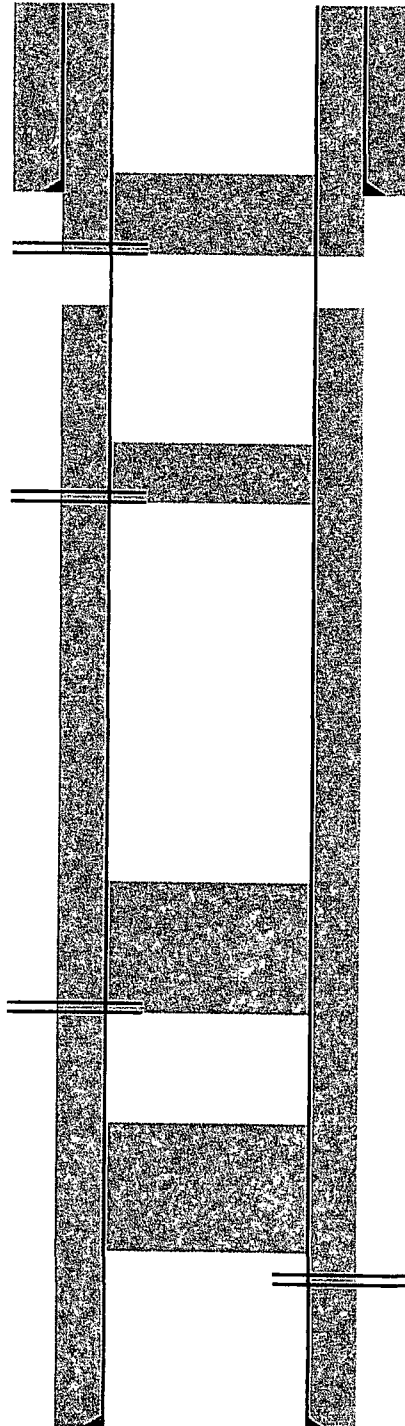
PLUG DETAILS

perforations @ 509'
cmt circulated to surface

perforations @ 1415'
squeezed w/ 45 sx cmt
(tagged @ 1293')

perforations @ 2615'
25 sx cmt plug @ 2615
(tagged @ 2330')

25 sx cmt plug @ 3450'
(tagged @ 3202')



Total Depth (ft): 3644

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 458
Amount Cement (sx): 300
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): 3500
Bottom (ft): 3610

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3644
Amount Cement (sx): 800
Top of Cement (ft): Unknown
TOC Method: -----

WELLBORE SCHEMATIC

Operator: UHC New Mexico Corp.
Well Name: CSAU # 79
Well Location:
Calls 660' FNL, 1980' FWL
Unit C
Section 14
Township .8S
Range 30E

PLUG DETAILS

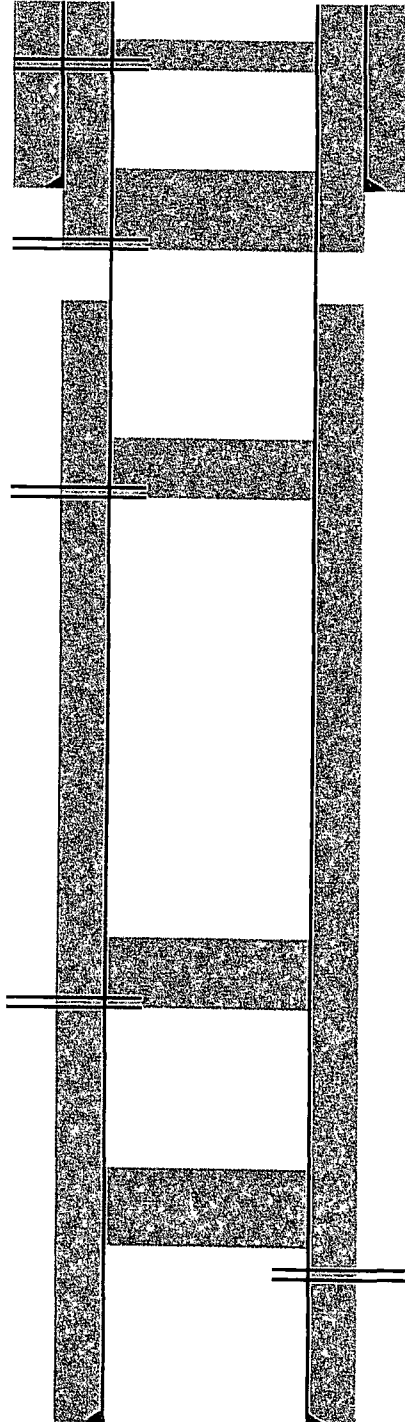
perforations @ 60'
cmt circulated to surface

perforations @ 515'
cmt circulated to surface (fell back)
(tagged @ 412')

perforations @ 1365'
squeezed w/ 45 sx cmt
(tagged @ 1260')

perforations @ 2612'
squeezed w/ 45 sx cmt
(tagged @ 2507')

cmt plug 3280' - 3400'
(tagged)



Total Depth (ft): 3602

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 465
Amount Cement (sx): 300
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): 3452
Bottom (ft): 3568

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3602
Amount Cement (sx): 800
Top of Cement (ft): Unknown
TOC Method: -----

ATTACHMENT TO FORM C-108

Cano Petro of New Mexico, Inc.

Cato San Andres Unit

Item VII – data on the proposed operation

1. The proposed average daily rate of injection is 500 STBD per well. The proposed maximum daily rate of injection is 1,000 STBD per well.
2. The system will be closed.
3. The shallowest perforation in an existing well that will be utilized for injection is at 3,308'. The proposed average injection pressure is 500 psi. The proposed maximum injection pressure is 650 psi.
4. Current plans are to reinject produced water. Should utilization of make-up water may become necessary, appropriate compatibility testing will be conducted.
5. Not Applicable.

Proposed Legal Notice for Publication

Case No. 14128: Application of Cano Petro of New Mexico, Inc. for waterflood project, Chaves County, New Mexico. Cano Petro of New Mexico, Inc., located at 3010 Cherry Street, Unit #25, Suite 3200, Fort Worth, Texas, 76102, seeks an order approving a waterflood permit for secondary recovery in the Cato Unit, Chaves County, New Mexico. A hearing on the matter has been scheduled before an Examiner on May 15, 2008 at 8:15 a.m. at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505.

The following lands in Chaves County are affected by the application:

Surface

S/2 of SW/4, SW/4 of SE/4, Section 2, T8S - R30E,
All of Section 11, T8S - R30E,
W/2 of W/2, Section 12, T8S - R30E,
W/2 of W/2, Section 13, T8S - R30E,
All of Section 14, T8S - R30E,

Subsurface

SW/4, W/2 of SE/4, Section 1, T8S - R30E,
SE/4 of NW/4, S/2 of NE/4, NE/4 of SE/4, Section 2, T8S - R30E,
W/2 of E/2, Section 12, T8S - R30E,
W/2 of E/2, SE/4 of SW/4, Section 13, T8S - R30E,
NW/4 of Section 24, T8S - R30E,

The Cato Unit is located approximately 2.65 miles northeast of Elida, New Mexico.

The proposed maximum daily rate of injection in the San Andreas Formation is 1,000 STBD per well and the maximum injection pressure is 650 psi. The shallowest perforation in an existing well that will be utilized for injection is 3,308'.

All affected persons have a right to enter an appearance and participate in the case. If an affected person wishes to participate in the case, notification of such must be provided, in writing, to Cano Petro of New Mexico and the New Mexico Oil Conservation Division no later than 5:00 p.m. (MT) on May 8, 2008. Affected persons failing to appear at the hearing are precluded from contesting the matter at a later date.

Questions to Cano Petro should be directed to Alex Azizi at (817) 698-0900.