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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

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 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,

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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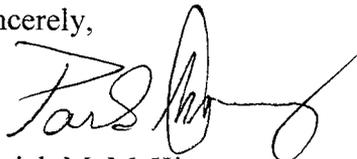
April 14, 2008

Page 2

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.

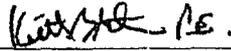
Contact Alex Azizi at (817) 698-0900 if you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Patrick M. McKinney". The signature is written in black ink and is positioned above the printed name and title.

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
- Proposed average and maximum daily rate and volume of fluids to be injected;
 - Whether the system is open or closed;
 - Proposed average and maximum injection pressure;
 - Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 - 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:  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

| API Suffix | Section | Unit | Location | Original Operator | Original Well Name | Current Well Name | Surface Casing | | | | | Production Casing | | | | | Completion Date | Perforations | Total Depth (ft) | Plugging Date | | | | | |
|------------|---------|------|----------|--------------------------------|----------------------|----------------------|----------------|------------------|---------------------|--------------------|--------------------|-------------------|------------|----------------|------------------|---------------------|-----------------|--------------|------------------|---------------|--------------------|--------------------|----------|------------|--|
| | | | | | | | Hole Size (in) | Casing Size (in) | Casing Weight (ppf) | Setting Depth (ft) | Amount Cement (sx) | TOC 1.18 | TOC Method | Hole Size (in) | Casing Size (in) | Casing Weight (ppf) | | | | | Setting Depth (ft) | Amount Cement (sx) | TOC 0.20 | TOC Method | |
| 28013 | 12 | M | 130 FSL | Cano Petro of New Mexico, Inc. | CSAU # 562 | CSAU # 562 | 9.875 | 7.000 | 23.0 | 727 | 200 | 0 | circ | 6.250 | 4.500 | 9.5 | 3610 | 100 | 2690 | calc | 9/23/1967 | 3573 | 3610 | 12/29/1970 | |
| 20112 | 13 | C | 988 FNL | Southwest Production Corp. | Coll - Federal # 2 | Coll - Federal # 2 | 12.500 | 8.625 | 24.0 | 432 | 200 | 0 | circ | 7.875 | 4.500 | 9.5 | 3667 | 600 | 1181 | calc | 10/13/1966 | 3544 | 3614 | 3670 | |
| 10525 | 13 | D | 330 FNL | Max Coll | Coll - Federal # 1 | Coll - Federal # 1 | 12.500 | 8.625 | 24.0 | 332 | 200 | 0 | calc | 7.875 | 4.500 | 9.5 | 3608 | 200 | 2779 | calc | 10/18/1967 | 3538 | 3572 | 3608 | |
| 20144 | 13 | E | 1980 FNL | Jack L. McClellan | Smith Federal # 2 | Smith Federal # 2 | 12.500 | 8.625 | 20.0 | | | | | | | | | | | | | | | | |
| 13 | E | E | 1360 FNL | Cano Petro of New Mexico, Inc. | CSAU # 575 | CSAU # 575 | 11.000 | 8.625 | 20.0 | | | | | | | | | | | | | | | | |
| 20219 | 13 | E | 2504 FNL | Cano Petro of New Mexico, Inc. | CSAU # 589 | CSAU # 589 | 11.000 | 8.625 | 20.0 | 212 | 175 | 0 | calc | 7.875 | 4.500 | 9.5 | 3606 | 300 | 2363 | calc | 3/28/1968 | 3555 | 3564 | 3608 | |
| 13 | L | L | 1980 FSL | H.L. Brown, Jr. | Federal # 13 # 1 | Federal # 13 # 1 | | | | | | | | | | | | | | | | | | | |
| 13 | L | L | 2034 FSL | Cano Petro of New Mexico, Inc. | CSAU # 590 | CSAU # 590 | | | | | | | | | | | | | | | | | | | |
| 13 | M | M | 1274 FSL | Cano Petro of New Mexico, Inc. | CSAU # 597 | CSAU # 597 | | | | | | | | | | | | | | | | | | | |
| 10572 | 14 | A | 660 FNL | Pan American Petroleum Corp. | Wasley # 3 | Wasley # 3 | 12.250 | 8.625 | 24.0 | 458 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3680 | 800 | 365 | calc | 12/21/1966 | 3528 | 3654 | 3680 | |
| 20124 | 14 | B | 660 FNL | Pan American Petroleum Corp. | Wasley # 7 | Wasley # 7 | 12.250 | 8.625 | 24.0 | 253 | 250 | 0 | circ | 7.875 | 4.500 | 9.5 | 3670 | 300 | 2427 | calc | 8/8/1967 | 3494 | 3612 | 3670 | |
| 10540 | 14 | C | 660 FNL | Pan American Petroleum Corp. | Wasley # 1 | Wasley # 1 | 12.250 | 8.625 | 24.0 | 455 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3602 | 800 | 287 | calc | 11/15/1966 | 3452 | 3568 | 3602 | |
| 14 | C | C | 660 FNL | Cano Petro of New Mexico, Inc. | CSAU # 879 | CSAU # 879 | | | | | | | | | | | | | | | | | | | |
| 10581 | 14 | D | 660 FNL | Pan American Petroleum Corp. | Wasley # 4 | Wasley # 4 | 12.250 | 8.625 | 24.0 | 450 | 750 | 0 | circ | 7.875 | 4.500 | 9.5 | 3594 | 800 | 279 | calc | 1/8/1967 | 3433 | 3543 | 3594 | |
| 29032 | 14 | D | 658 FNL | Cano Petro of New Mexico, Inc. | CSAU # 878 | CSAU # 878 | 12.250 | 8.625 | 24.0 | | | | | | | | | | | | | | | | |
| 10561 | 14 | E | 1980 FNL | Pan American Petroleum Corp. | Wasley # 2 | Wasley # 2 | 12.250 | 8.625 | 24.0 | 456 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3750 | 800 | 435 | calc | 12/15/1966 | 3431 | 3555 | 3750 | |
| 28014 | 14 | E | 1340 FNL | Cano Petro of New Mexico, Inc. | CSAU # 571 | CSAU # 571 | 12.250 | 8.625 | 24.0 | 565 | 400 | 0 | circ | 7.875 | 5.500 | 17.0 | 3960 | 1150 | 0 | circ | | 3416 | 3600 | 3960 | |
| 29025 | 14 | E | 2591 FNL | Cano Petro of New Mexico, Inc. | CSAU # 586 | CSAU # 586 | | | | | | | | | | | | | | | | | | | |
| 29026 | 14 | E | 2562 FNL | Cano Petro of New Mexico, Inc. | CSAU # 585 | CSAU # 585 | | | | | | | | | | | | | | | | | | | |
| 20109 | 14 | F | 1980 FNL | Pan American Petroleum Corp. | Wasley # 6 | Wasley # 6 | 12.250 | 8.625 | 24.0 | 254 | 250 | 0 | circ | 7.875 | 4.500 | 9.5 | 3610 | 300 | 2367 | calc | 8/2/1967 | 3444 | 3490 | 3650 | |
| 28015 | 14 | F | 1360 FNL | Cano Petro of New Mexico, Inc. | CSAU # 572 | CSAU # 572 | 12.250 | 8.625 | 24.0 | 454 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3554 | 800 | 339 | calc | 1/8/1966 | 3474 | 3520 | 3654 | |
| 10588 | 14 | G | 1980 FNL | Pan American Petroleum Corp. | Wasley # 5 | Wasley # 5 | 12.250 | 8.625 | 24.0 | 454 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3674 | 300 | 2431 | calc | | | | | |
| 28016 | 14 | G | 1345 FNL | Cano Petro of New Mexico, Inc. | CSAU # 573 | CSAU # 573 | | | | | | | | | | | | | | | | | | | |
| 29024 | 14 | G | 2530 FNL | Cano Petro of New Mexico, Inc. | CSAU # 587 | CSAU # 587 | | | | | | | | | | | | | | | | | | | |
| 20174 | 14 | H | 1980 FNL | Pan American Petroleum Corp. | Wasley # 8 | Wasley # 8 | 12.250 | 8.625 | 20.0 | 286 | 250 | 0 | circ | 7.875 | 4.500 | 9.5 | 3674 | 300 | 2431 | calc | 12/18/1967 | 3511 | 3560 | 3674 | |
| 28017 | 14 | H | 1365 FNL | Cano Petro of New Mexico, Inc. | CSAU # 574 | CSAU # 574 | | | | | | | | | | | | | | | | | | | |
| 29027 | 14 | H | 2471 FNL | Cano Petro of New Mexico, Inc. | CSAU # 588 | CSAU # 588 | | | | | | | | | | | | | | | | | | | |
| 20211 | 14 | I | 1980 FSL | Pan American Petroleum Corp. | Cato "C" Federal # 3 | Cato "C" Federal # 3 | 12.250 | 8.625 | 24.0 | 295 | 250 | 0 | circ | 7.875 | 4.500 | 9.5 | 3596 | 300 | 2353 | calc | 1/14/1968 | 3524 | 3580 | 3596 | |
| 20016 | 14 | J | 1368 FSL | Cano Petro of New Mexico, Inc. | CSAU # 596 | CSAU # 596 | 11.000 | 8.625 | 24.0 | 470 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3660 | 800 | 345 | calc | 2/1/1967 | 3497 | 3544 | 3660 | |
| 20115 | 14 | K | 1980 FSL | Pan American Petroleum Corp. | Cato "B" Federal # 6 | Cato "B" Federal # 6 | 12.250 | 8.625 | 24.0 | 295 | 260 | 0 | circ | 7.875 | 4.500 | 9.5 | 3645 | 300 | 2402 | calc | 7/28/1967 | 3477 | 3518 | 3645 | |
| 20015 | 14 | K | 1438 FSL | Cano Petro of New Mexico, Inc. | CSAU # 594 | CSAU # 594 | | | | | | | | | | | | | | | | | | | |
| 20015 | 14 | L | 1420 FSL | Cano Petro of New Mexico, Inc. | CSAU # 595 | CSAU # 595 | | | | | | | | | | | | | | | | | | | |
| 20094 | 14 | M | 660 FSL | Pan American Petroleum Corp. | CSAU # 593 | CSAU # 593 | 11.000 | 8.625 | 24.0 | 450 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3600 | 800 | 285 | calc | 2/1/1967 | 3436 | 3559 | 3600 | |
| 20031 | 14 | M | 114 FSL | Cano Petro of New Mexico, Inc. | CSAU # 600 | CSAU # 600 | 12.250 | 8.625 | 24.0 | 285 | 250 | 0 | calc | 7.875 | 4.500 | 9.5 | 3670 | 300 | 2427 | calc | 7/21/1967 | 3503 | 3604 | 3670 | |
| 14 | N | N | 660 FSL | Pan American Petroleum Corp. | Cato "B" Federal # 2 | Cato "B" Federal # 2 | 11.000 | 8.625 | 24.0 | 460 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3660 | 800 | 345 | calc | 3/2/1967 | 3572 | 3619 | 3660 | |
| 14 | N | N | 1414 FSL | Cano Petro of New Mexico, Inc. | CSAU # 601 | CSAU # 601 | | | | | | | | | | | | | | | | | | | |
| 14 | N | N | 124 FSL | Cano Petro of New Mexico, Inc. | CSAU # 602 | CSAU # 602 | | | | | | | | | | | | | | | | | | | |
| 20081 | 14 | O | 660 FSL | Pan American Petroleum Corp. | Cato "C" Federal # 4 | Cato "C" Federal # 4 | 12.250 | 8.625 | 24.0 | 284 | 250 | 0 | circ | 7.875 | 4.500 | 9.5 | 3694 | 300 | 2451 | calc | 6/12/1967 | 3531 | 3571 | 3694 | |
| 20292 | 14 | P | 660 FSL | Pan American Petroleum Corp. | Cato "C" Federal # 4 | Cato "C" Federal # 4 | 11.000 | 8.625 | 24.0 | 290 | 250 | 0 | circ | 7.875 | 4.500 | 9.5 | 3618 | 350 | 2168 | calc | 5/27/1969 | 3555 | 3600 | 3618 | |
| 10532 | 15 | A | 660 FNL | Pan American Petroleum Corp. | Baskett "E" # 1 | Baskett "E" # 1 | 12.250 | 8.625 | 24.0 | 460 | 300 | 0 | calc | 7.875 | 4.500 | 9.5 | 3560 | 800 | 245 | calc | 11/1/1966 | 3414 | 3524 | 3560 | |
| 10566 | 15 | B | 660 FNL | Union Texas Petroleum Co. | Cato # 4 | Cato # 4 | 12.250 | 8.625 | 28.0 | 514 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3587 | 500 | 1980 | TS | 12/16/1966 | 3442 | 3512 | 3600 | |
| 20088 | 15 | C | 660 FNL | Pan American Petroleum Corp. | Crosby "D" # 1 | Crosby "D" # 1 | 11.000 | 8.625 | 24.0 | 460 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3550 | 800 | 215 | calc | 11/24/1966 | 3370 | 3422 | 3530 | |
| 10563 | 15 | G | 1980 FNL | Pan American Petroleum Corp. | Crosby "D" # 2 | Crosby "D" # 2 | 12.250 | 8.625 | 24.0 | 250 | 250 | 0 | circ | 7.875 | 4.500 | 9.5 | 3531 | 300 | 2288 | calc | 7/15/1967 | 3364 | 3380 | 3531 | |
| 20090 | 15 | H | 1980 FNL | Union Texas Petroleum Co. | Cato # 3 | Cato # 3 | 12.250 | 8.625 | 28.0 | 519 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3558 | 500 | 1940 | TS | 1/13/1967 | 3392 | 3488 | 3600 | |
| 20078 | 15 | I | 1980 FSL | Pan American Petroleum Corp. | Baskett "E" # 2 | Baskett "E" # 2 | 11.250 | 8.625 | 24.0 | 270 | 250 | 0 | calc | 7.875 | 4.500 | 9.5 | 3558 | 300 | 2315 | calc | 7/5/1967 | 3405 | 3515 | 3558 | |
| 20008 | 15 | J | 1980 FSL | Sinclair Oil & Gas Co. | Harris, L.C. # 1 | Harris, L.C. # 1 | 11.000 | 8.625 | 24.0 | 452 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3695 | 350 | 2200 | TS | 5/16/1967 | 3425 | 3515 | 3700 | |
| 20137 | 15 | K | 660 FSL | Pan American Petroleum Corp. | Cato "A" Federal # 1 | Cato "A" Federal # 1 | 12.250 | 8.625 | 24.0 | 458 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3600 | 275 | 2600 | TS | 6/12/1967 | 3418 | 3506 | 3600 | |
| 20103 | 15 | O | 660 FSL | Pan American Petroleum Corp. | Cato "A" Federal # 3 | Cato "A" Federal # 3 | 12.250 | 8.625 | 24.0 | 319 | 250 | 0 | circ | 7.875 | 4.500 | 9.5 | 3618 | 300 | 2375 | calc | 9/26/1967 | 3439 | 3546 | 3618 | |
| 20077 | 15 | P | 660 FSL | Sinclair Oil & Gas Co. | Harris, L.C. # 8 | Harris, L.C. # 8 | 12.250 | 8.625 | 20.0 | 282 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3650 | 350 | 2100 | TS | 7/13/1967 | 3465 | 3561 | 3650 | |
| 20071 | 22 | A | 660 FNL | Sinclair Oil & Gas Co. | Harris, L.C. # 2 | Harris, L.C. # 2 | 12.250 | 8.625 | 24.0 | 450 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3696 | 350 | 2400 | TS | 5/23/1967 | 3496 | 3589 | 3700 | |
| 20083 | 22 | B | 660 FNL | Sinclair Oil & Gas Co. | Harris, L.C. # 6 | Harris, L.C. # 6 | 12.250 | 8.625 | 20.0 | 275 | 200 | 0 | circ | 7.875 | 4.500 | 9.5 | 3648 | 275 | 2100 | TS | 6/26/1967 | 3459 | 3557 | 3650 | |
| 20082 | 22 | H | 1980 FNL | Sinclair Oil & Gas Co. | Harris, L.C. # 5 | Harris, L.C. # 5 | 12.250 | 8.625 | 24.0 | 456 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3693 | 275 | 2300 | TS | 6/20/1967 | 3484 | 3583 | 3700 | |
| 20297 | 23 | A | 33 | | | | | | | | | | | | | | | | | | | | | | |

Surface Casing Production Casing

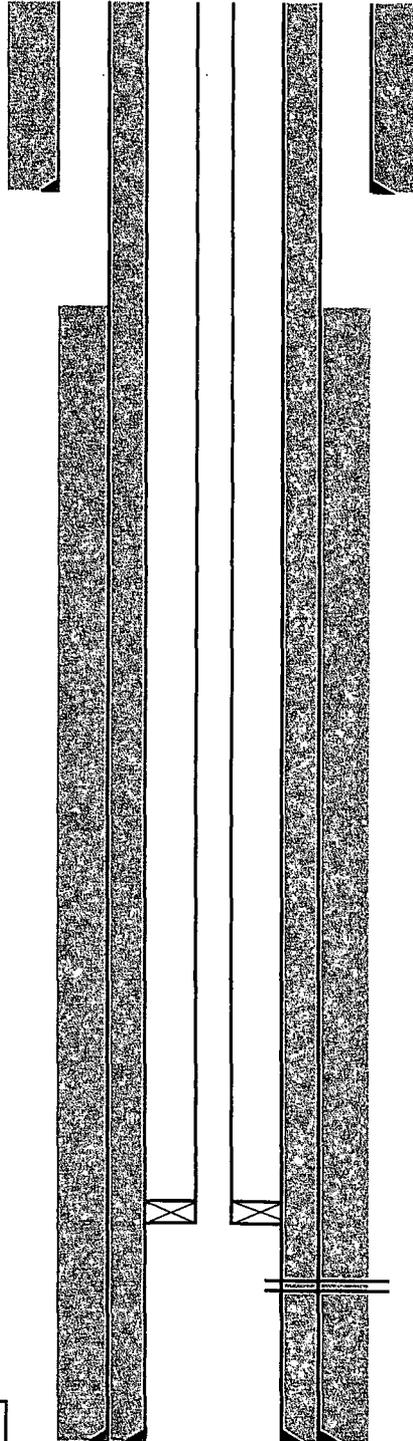
| API Suffix | Section | Unit | Location | | | Original Operator | Original Well Name | Current Well Name | Surface Casing | | | Production Casing | | | 0.20 TOC | | | 0.18 TOC | | | Completion Date | Perforations | Total Depth (ft) | Plugging Date | | |
|------------|---------|------|----------|-----|-----|--------------------------------|----------------------|----------------------|------------------|---------------------|--------------------|--------------------|------------|----------------|------------------|---------------------|--------------------|--------------------|------------|----------------|-----------------|--------------|------------------|---------------|------------------|---------------------|
| | | | FWL | FSL | 660 | | | | Casing Size (in) | Casing Weight (ppf) | Setting Depth (ft) | Amount Cement (sx) | TOC Method | Hole Size (in) | Casing Size (in) | Casing Weight (ppf) | Setting Depth (ft) | Amount Cement (sx) | TOC Method | Hole Size (in) | | | | | Casing Size (in) | Casing Weight (ppf) |
| 10535 | 1 | M | | | | Pan American Petroleum Corp. | ABKO "B" Federal # 1 | ABKO "B" Federal # 1 | 12.250 | 8.625 | 24.0 | 457 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3662 | 800 | 347 | calc | 3468 | 3536 | 3662 | 8/28/1969 |
| 20271 | 2 | L | | | | MWJ Producing Co. | Cato-State # 4 | Cato-State # 4 | 11.000 | 8.625 | 24.0 | 414 | 200 | 0 | circ | 7.875 | 5.500 | 15.5 | 3489 | 300 | 1854 | calc | 3344 | 3451 | 3492 | 12/15/1968 |
| 10536 | 2 | M | | | | MWJ Producing Co. | Cato-State # 1 | Cato-State # 1 | 12.250 | 9.625 | 36.0 | 412 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3494 | 800 | 179 | calc | 3344 | 3451 | 3498 | 11/20/1966 |
| 20971 | 2 | M | | | | Cano Petro of New Mexico, Inc. | CSAU # 504 | CSAU # 504 | 12.250 | 8.625 | 24.0 | 527 | 350 | 0 | circ | 7.875 | 5.500 | 17.0 | 3860 | 1150 | 3860 | calc | 3344 | 3762 | 3860 | |
| 20001 | 2 | N | | | | MWJ Producing Co. | Cato-State # 2 | Cato-State # 2 | 11.000 | 8.625 | 24.0 | 427 | 225 | 0 | circ | 7.875 | 5.500 | 15.5 | 3557 | 600 | 268 | calc | 3371 | 3507 | 3540 | 2/8/1967 |
| 27980 | 2 | O | | | | Cano Petro of New Mexico, Inc. | CSAU # 505 | CSAU # 505 | 12.250 | 8.625 | 24.0 | 520 | 350 | 0 | circ | 7.875 | 5.500 | 17.0 | 3863 | 1150 | 0 | circ | 3450 | 3507 | 3540 | |
| 20059 | 2 | O | | | | MWJ Producing Co. | Cato-State # 3 | Cato-State # 3 | 11.000 | 8.625 | 24.0 | 421 | 225 | 0 | circ | 7.875 | 5.500 | 15.5 | 3588 | 600 | 319 | calc | 3412 | 3832 | 3889 | 5/4/1967 |
| 27981 | 2 | O | | | | Cano Petro of New Mexico, Inc. | CSAU # 506 | CSAU # 506 | 12.250 | 8.625 | 24.0 | 520 | 350 | 0 | circ | 7.875 | 5.500 | 17.0 | 3935 | 1150 | 50 | CBL | 3398 | 3880 | 3935 | |
| 28022 | 2 | O | | | | Cano Petro of New Mexico, Inc. | CSAU # 507 | CSAU # 507 | 12.250 | 8.625 | 24.0 | 515 | 350 | 0 | circ | 7.875 | 5.500 | 15.5 | 3956 | 1150 | 660 | CBL | 3442 | 3598 | 3956 | |
| 10519 | 3 | I | | | | Pan American Petroleum Corp. | Crosby "B" # 1 | Crosby "B" # 1 | 12.250 | 8.625 | 24.0 | 454 | 300 | 0 | circ | 7.875 | 5.500 | 15.5 | 3825 | 800 | 145 | calc | 3315 | 3432 | 3460 | 9/30/1966 |
| 10537 | 3 | O | | | | Union Texas Petroleum Co. | Crosby "3" # 1 | Crosby "3" # 1 | 12.250 | 8.625 | 28.0 | 508 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3582 | 450 | 1717 | calc | 3298 | 3384 | 3600 | 12/10/1966 |
| 20160 | 3 | P | | | | Pan American Petroleum Corp. | Crosby "B" # 2 | Crosby "B" # 2 | 12.250 | 8.625 | 24.0 | 467 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3498 | 800 | 2255 | calc | 3320 | 3439 | 3498 | 10/31/1967 |
| 20013 | 10 | A | | | | Pan American Petroleum Corp. | ABKO Federal # 3 | ABKO Federal # 3 | 11.000 | 8.625 | 24.0 | 467 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3850 | 800 | 535 | calc | 3308 | 3424 | 3850 | 2/1/1967 |
| 20373 | 10 | B | | | | Pan American Petroleum Corp. | ABKO Federal # 4 | ABKO Federal # 4 | 12.250 | 8.625 | 24.0 | 298 | 250 | 0 | circ | 7.875 | 4.500 | 9.5 | 3440 | 300 | 2197 | calc | 3292 | 3400 | 3424 | 12/1/1967 |
| 10501 | 10 | C | | | | Pan American Petroleum Corp. | Queen # 1 | Queen # 1 | 12.250 | 8.625 | 24.0 | 452 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3470 | 800 | 105 | calc | 3263 | 3371 | 3420 | 8/28/1966 |
| 20370 | 10 | F | | | | Pan American Petroleum Corp. | Queen # 3 | Queen # 3 | 12.250 | 8.625 | 24.0 | 296 | 250 | 0 | circ | 7.875 | 4.500 | 9.5 | 3453 | 300 | 2210 | calc | 3280 | 3390 | 3453 | 11/22/1967 |
| 10483 | 10 | G | | | | Pan American Petroleum Corp. | ABKO Federal # 2 | ABKO Federal # 2 | 11.000 | 8.625 | 24.0 | 465 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3548 | 800 | 233 | calc | 3348 | 3414 | 3548 | 7/31/1966 |
| 10484 | 10 | H | | | | Pan American Petroleum Corp. | ABKO Federal # 1 | ABKO Federal # 1 | 12.250 | 8.625 | 24.0 | 512 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3700 | 800 | 385 | calc | 3344 | 3444 | 3700 | 7/14/1966 |
| 10484 | 10 | I | | | | Union Texas Petroleum Co. | Cato, J.E. # 1 | Cato, J.E. # 1 | 12.250 | 8.625 | 24.0 | 512 | 300 | 0 | circ | 6.750 | 4.500 | 9.5 | 3614 | 650 | 2010 | TS | 3386 | 3470 | 3620 | 8/10/1966 |
| 10578 | 10 | J | | | | Pan American Petroleum Corp. | Baskett "C" # 2 | Baskett "C" # 2 | 12.250 | 8.625 | 24.0 | 453 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3480 | 800 | 165 | calc | 3336 | 3440 | 3480 | 12/27/1966 |
| 21166 | 10 | J | | | | UHC New Mexico Corp. | CSAU # 334 | CSAU # 334 | 12.250 | 8.625 | 24.0 | 527 | 237 | 0 | circ | 7.875 | 5.500 | 17.0 | 3600 | 649 | 64 | calc | 3362 | 3400 | 3600 | 3/9/2001 |
| 10538 | 10 | K | | | | Union Texas Petroleum Co. | Crosby # 1 | Crosby # 1 | 12.250 | 8.625 | 28.0 | 507 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3596 | 450 | 1731 | calc | 3308 | 3416 | 3600 | 11/22/1966 |
| 10570 | 10 | N | | | | Union Texas Petroleum Co. | Crosby # 2 | Crosby # 2 | 12.250 | 8.625 | 28.0 | 499 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3588 | 450 | 2120 | TS | 3380 | 3464 | 3600 | 12/19/1966 |
| 10500 | 10 | O | | | | Pan American Petroleum Corp. | Baskett "C" # 1 | Baskett "C" # 1 | 12.250 | 8.625 | 24.0 | 445 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3515 | 800 | 200 | calc | 3378 | 3480 | 3515 | 9/6/1966 |
| 10502 | 10 | P | | | | Union Texas Petroleum Co. | Cato # 2 | Cato # 2 | 12.250 | 8.625 | 28.0 | 450 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3596 | 500 | 1900 | TS | 3409 | 3482 | 3600 | 11/24/1966 |
| 27989 | 11 | A | | | | Cano Petro of New Mexico, Inc. | CSAU # 519 | CSAU # 519 | 12.250 | 8.625 | 24.0 | 454 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3576 | 800 | 261 | calc | 3478 | 3576 | 3576 | 10/11/1966 |
| 20171 | 11 | B | | | | Pan American Petroleum Corp. | Baskett "D" # 6 | Baskett "D" # 6 | 12.250 | 8.625 | 20.0 | 290 | 250 | 0 | circ | 7.875 | 4.500 | 9.5 | 3571 | 300 | 2328 | calc | 3426 | 3542 | 4055 | 12/8/1967 |
| 202928 | 11 | B | | | | Cano Petro of New Mexico, Inc. | CSAU # 822 | CSAU # 822 | 12.250 | 8.625 | 24.0 | 515 | 350 | 0 | circ | 7.875 | 5.500 | 17.0 | 4081 | 1150 | 0 | calc | 3415 | 3814 | 4081 | |
| 20069 | 11 | C | | | | Pan American Petroleum Corp. | Baskett "B" # 2 | Baskett "B" # 2 | 12.250 | 8.625 | 24.0 | 461 | 300 | 0 | calc | 7.875 | 4.500 | 9.5 | 3532 | 600 | 1046 | calc | 3383 | 3477 | 3532 | 5/16/1967 |
| 10504 | 11 | D | | | | Union Texas Petroleum Co. | Baskett # 1 | Baskett # 1 | 12.250 | 8.625 | 28.0 | 461 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3636 | 500 | 2200 | TS | 3368 | 3449 | 3650 | 12/9/1966 |
| 27973 | 11 | D | | | | Cano Petro of New Mexico, Inc. | CSAU # 516 | CSAU # 516 | 12.250 | 8.625 | 24.0 | 515 | 350 | 0 | circ | 7.875 | 5.500 | 17.0 | 3992 | 1150 | 0 | calc | 3406 | 3763 | 4006 | |
| 10503 | 11 | E | | | | Union Texas Petroleum Co. | Baskett # 2 | Baskett # 2 | 12.250 | 8.625 | 24.0 | 501 | 300 | 0 | circ | 6.750 | 4.500 | 9.5 | 3615 | 300 | 2420 | TS | 3379 | 3465 | 4006 | 9/11/1966 |
| 27962 | 11 | E | | | | Cano Petro of New Mexico, Inc. | CSAU # 517 | CSAU # 517 | 12.250 | 8.625 | 24.0 | 515 | 350 | 0 | circ | 7.875 | 5.500 | 17.0 | 3794 | 1150 | 0 | calc | 3440 | 3540 | 3810 | |
| 10491 | 11 | F | | | | Pan American Petroleum Corp. | Baskett "B" # 1 | Baskett "B" # 1 | 11.000 | 8.625 | 24.0 | 402 | 300 | 0 | calc | 7.875 | 4.500 | 9.5 | 3562 | 800 | 247 | calc | 3413 | 3523 | 3562 | 8/13/1966 |
| 27963 | 11 | F | | | | Cano Petro of New Mexico, Inc. | CSAU # 518 | CSAU # 518 | 12.250 | 8.625 | 24.0 | 515 | 350 | 0 | calc | 7.875 | 5.500 | 17.0 | 4081 | 1150 | 0 | calc | 3475 | 3814 | 4081 | |
| 10514 | 11 | G | | | | Pan American Petroleum Corp. | CSAU # 827 | CSAU # 827 | 12.250 | 8.625 | 24.0 | 515 | 350 | 0 | calc | 7.875 | 5.500 | 17.0 | 4081 | 1150 | 0 | calc | 3475 | 3814 | 4081 | |
| 29029 | 11 | G | | | | Cano Petro of New Mexico, Inc. | Baskett "D" # 1 | Baskett "D" # 1 | 12.250 | 8.625 | 24.0 | 453 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3605 | 800 | 290 | calc | 3456 | 3575 | 3605 | 9/17/1966 |
| 20294 | 11 | H | | | | Pan American Petroleum Corp. | CSAU # 826 | CSAU # 826 | 12.250 | 8.625 | 24.0 | 320 | 250 | 0 | circ | 7.875 | 4.500 | 9.5 | 3642 | 350 | 2192 | calc | 3488 | 3598 | 3642 | 6/22/1969 |
| 10539 | 11 | I | | | | Pan American Petroleum Corp. | CSAU # 520 | CSAU # 520 | 12.250 | 8.625 | 24.0 | 458 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3668 | 800 | 353 | calc | 3514 | 3628 | 3668 | 11/17/1966 |
| 27983 | 11 | I | | | | Cano Petro of New Mexico, Inc. | Baskett "D" # 4 | Baskett "D" # 4 | 12.250 | 8.625 | 24.0 | 520 | 350 | 0 | circ | 7.875 | 5.500 | 17.0 | 4020 | 1150 | 930 | CBL | 3570 | 3948 | 4020 | |
| 10580 | 11 | J | | | | Pan American Petroleum Corp. | CSAU # 536 | CSAU # 536 | 12.250 | 8.625 | 24.0 | 457 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3650 | 800 | 335 | calc | 3494 | 3610 | 3650 | 12/27/1966 |
| 27961 | 11 | J | | | | Cano Petro of New Mexico, Inc. | CSAU # 534 | CSAU # 534 | 12.250 | 8.625 | 24.0 | 520 | 350 | 0 | circ | 7.875 | 5.500 | 15.5 | 4010 | 1150 | 270 | CBL | 3550 | 3918 | 4010 | |
| 29021 | 11 | J | | | | Cano Petro of New Mexico, Inc. | CSAU # 509 | CSAU # 509 | 12.250 | 8.625 | 24.0 | 510 | 300 | 0 | circ | 6.750 | 4.500 | 9.5 | 3700 | 400 | 2330 | TS | 3469 | 3548 | 3700 | 8/31/1966 |
| 27985 | 11 | K | | | | Cano Petro of New Mexico, Inc. | CSAU # 533 | CSAU # 533 | 12.250 | 8.625 | 24.0 | 525 | 350 | 0 | circ | 7.875 | 5.500 | 17.0 | 4005 | 1450 | 225 | CBL | 3614 | 3877 | 4005 | 9/30/1983 |
| 10455 | 11 | L | | | | Pan American Petroleum Corp. | Baskett # 1 | Baskett # 1 | 12.250 | 8.625 | 24.0 | 511 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3561 | 800 | 246 | calc | 3496 | 3556 | 3561 | |
| 27964 | 11 | L | | | | Cano Petro of New Mexico, Inc. | CSAU # 532 | CSAU # 532 | 12.250 | 8.625 | 24.0 | 506 | 350 | 0 | circ | 7.875 | 5.500 | 15.5 | 4048 | 1150 | 0 | calc | 3426 | 3820 | 4062 | 6/18/1966 |
| 27974 | 11 | L | | | | Cano Petro of New Mexico, Inc. | CSAU # 531 | CSAU # 531 | 12.250 | 8.625 | 24.0 | 518 | 350 | 0 | circ | 7.875 | 5.500 | 17.0 | 4020 | 1150 | 0 | calc | 3458 | 3832 | 4030 | |
| 10579 | 11 | M | | | | Pan American Petroleum Corp. | Baskett # 2 | Baskett # 2 | 12.250 | 8.625 | 24.0 | 450 | 300 | 0 | circ | 7.875 | 5.500 | 14.0 | 3419 | 800 | 3419 | calc | 3419 | 3523 | 3523 | 12/25/1966 |
| 27984 | 11 | M | | | | Cano Petro of New Mexico, Inc. | CSAU # 545 | CSAU # 545 | 12.250 | 8.625 | 24.0 | 525 | 350 | 0 | circ | 7.875 | 5.500 | 17.0 | 3989 | 1150 | 1025 | CBL | 3596 | 3900 | 3990 | |
| 27986 | 11 | M | | | | Cano Petro of New Mexico, Inc. | CSAU # 544 | CSAU # 544 | 12.250 | 8.625 | 24.0 | 527 | 350 | 0 | circ | 7.875 | 5.500 | 17.0 | 3940 | 1150 | 0 | calc | 3410 | 3566 | 3940 | |
| 10560 | 11 | N | | | | Cano Petro of New Mexico, Inc. | CSAU # 558 | CSAU # 558 | 12.250 | 8.625 | 28.0 | 500 | 350 | 0 | circ | 7.875 | 5.500 | 17.0 | 3947 | 1150 | 50 | CBL | 3408 | 3610 | 3960 | |
| 28011 | 11 | N | | | | Union Texas Petroleum Co. | Baskett # 4 | Baskett # 4 | 12.250 | 8.625 | 24.0 | 511 | 300 | 0 | circ | 7.875 | 4.500 | 9.5 | 3596 | 300 | 2141 | TS | 3478 | 3576 | 3960 | |

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #6
 Well Location: 660' FSL, 1980' FWL
 Calls: N
 Unit: 2
 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): 427
 Amount Cement (sx): 225
 Top of Cement (ft): Surface
 TOC Method: Circulated

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

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

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

Notes

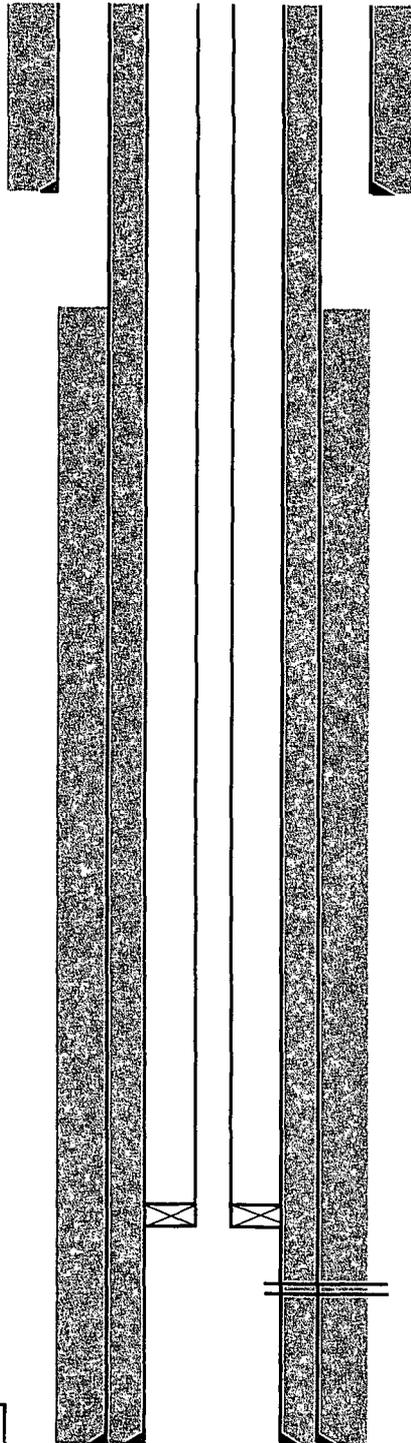
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

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



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

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

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

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

Notes

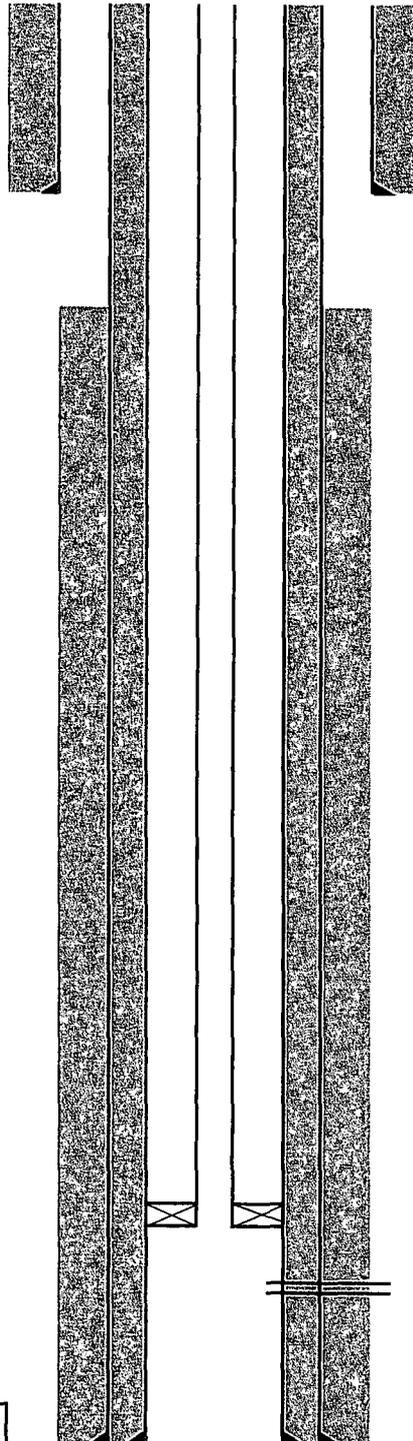
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

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

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

Notes

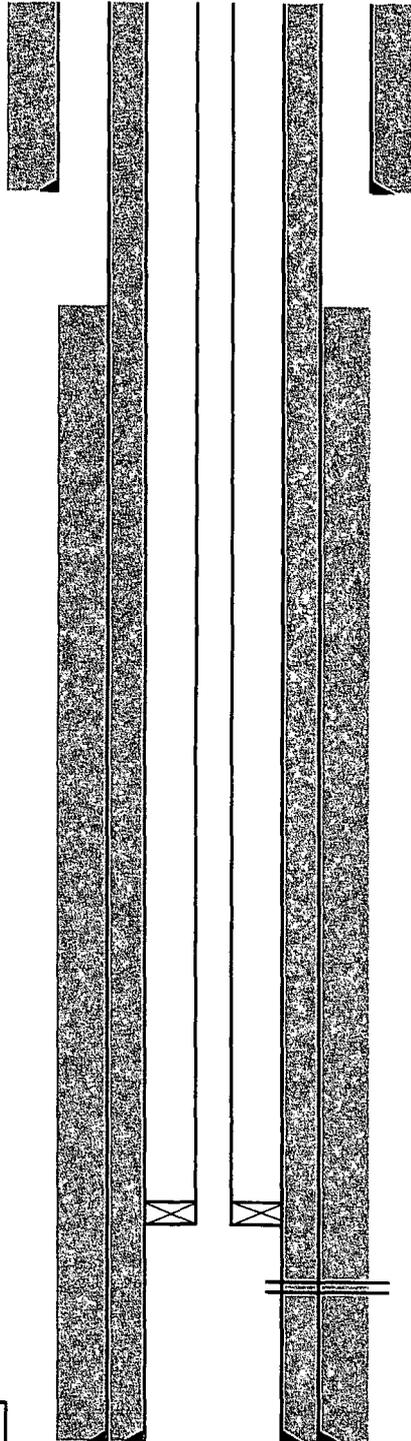
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) Perforations 3720-55 below CIBP @ 3700'.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #20
 Well Location:
 Calls 660' FNL, 660' FWL
 Unit D
 Section 11
 Township '85
 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): 515
 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): 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

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.

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

Notes

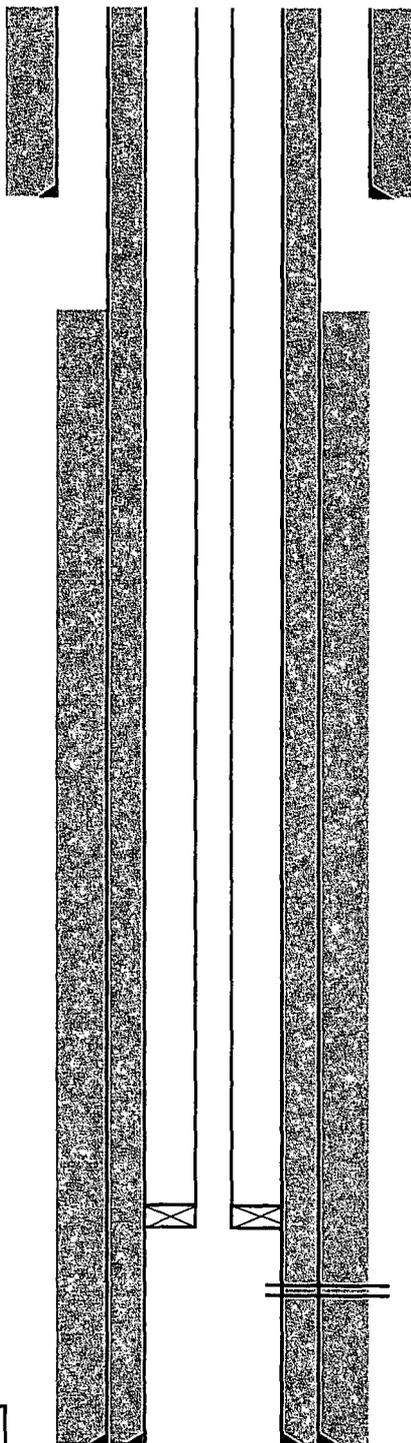
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

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

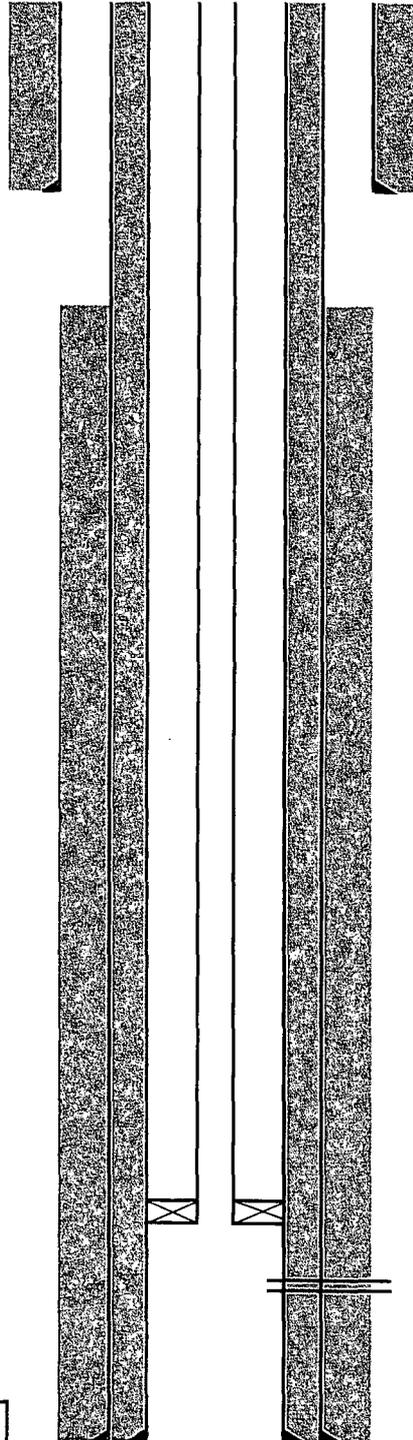
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3642
 Amount Cement (sx): 350
 Top of Cement (ft): 2192
 TOC Method: Calculated

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

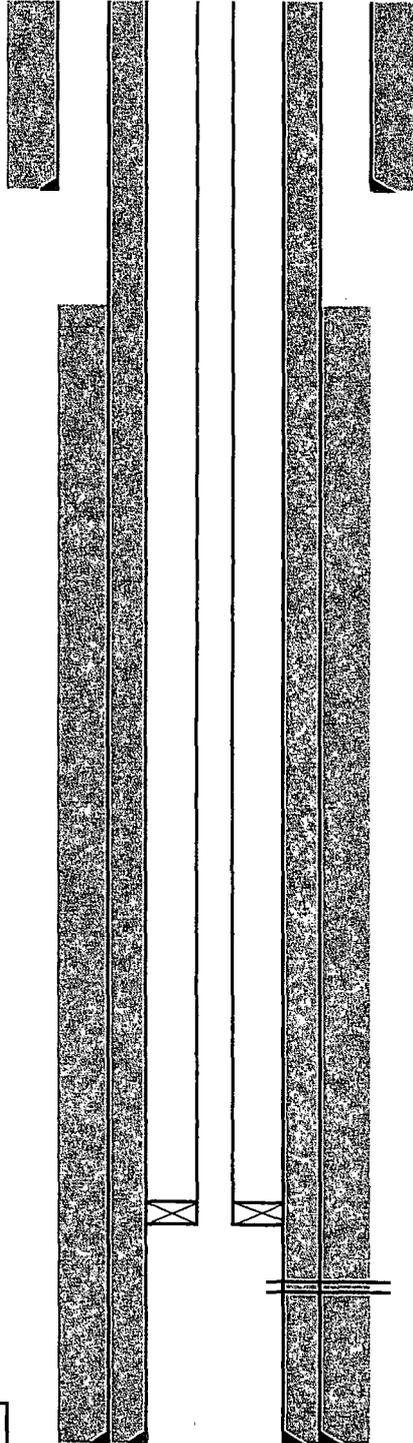
Hole Size (in): 6 3/4
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3615
 Amount Cement (sx): 300
 Top of Cement (ft): 2420
 TOC Method: T.S.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #29
 Well Location: 1980' FNL, 660' FEL
 Calls: Unit H
 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): 24
 Setting Depth (ft): 452
 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): 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

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

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

Notes

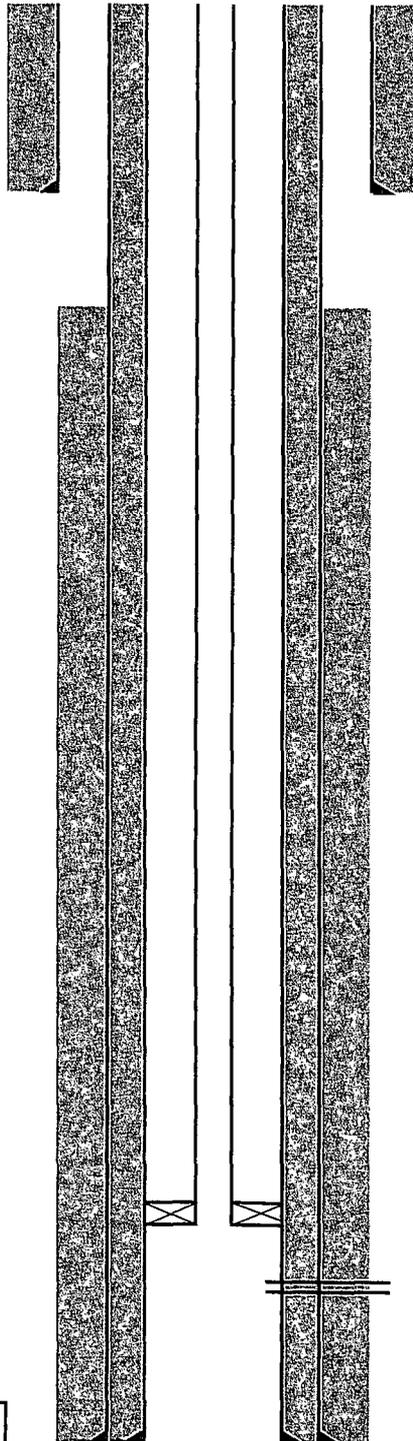
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) Perforations 3488-3574 squeezed with 100 sx.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #48
 Well Location: 1980' FSL, 660' FEL
 Calls: I
 Unit: 10
 Section: 8S
 Township: 30E
 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): 512
 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): 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

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.

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

Notes

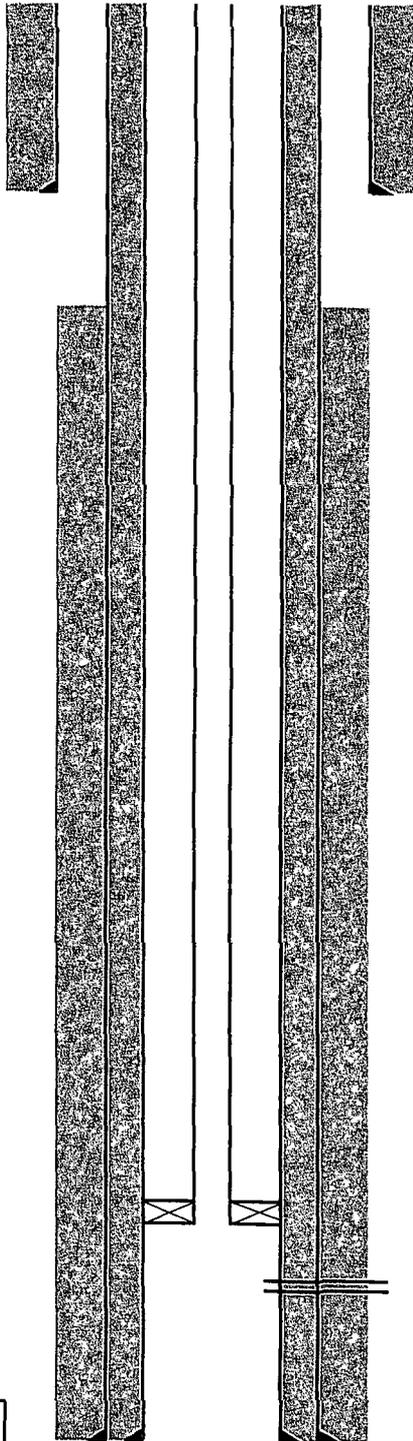
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #49
 Well Location: 1980' FSL, 660' FWL
 Calls: L
 Unit: 11
 Township: '85
 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

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

Notes

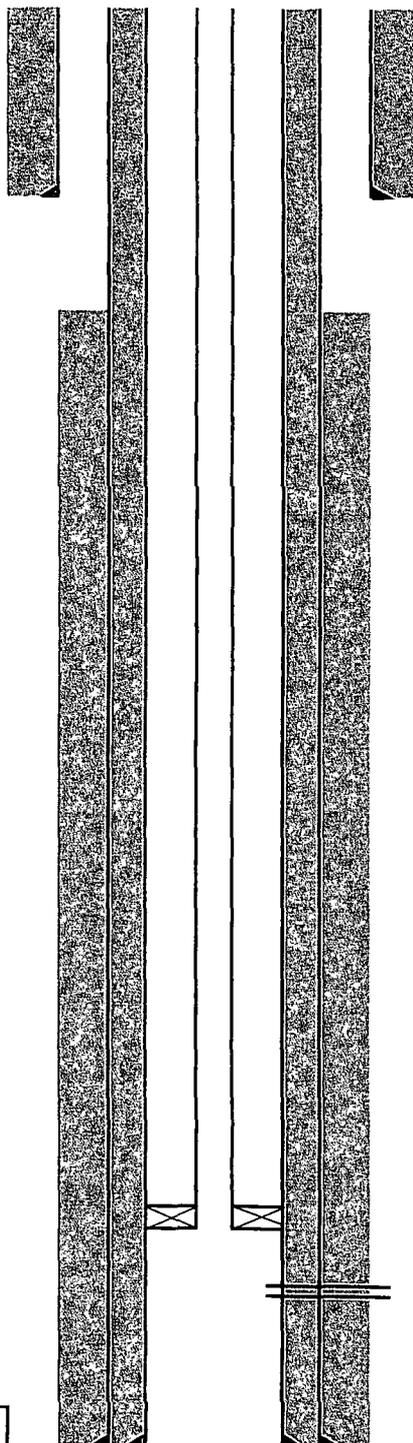
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #52
 Well Location:
 Calls: 660' FSL, 660' FWL
 Unit: M
 Section: 12
 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): 483
 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): 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

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

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

Notes

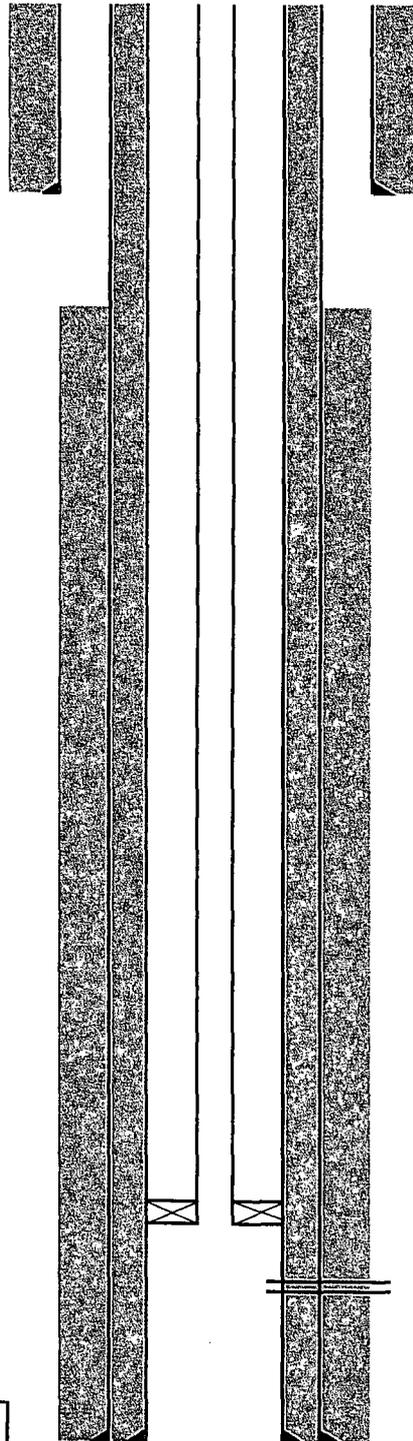
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) Perforations 3605-51 squeezed with 150 sx.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #53
 Well Location: 330' FSL, 990' FEL
 Calls: P
 Unit: 11
 Section: 8S
 Township: 30E
 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): 296
 Amount Cement (sx): 250
 Top of Cement (ft): Surface
 TOC Method: Circulated

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

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

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

Notes

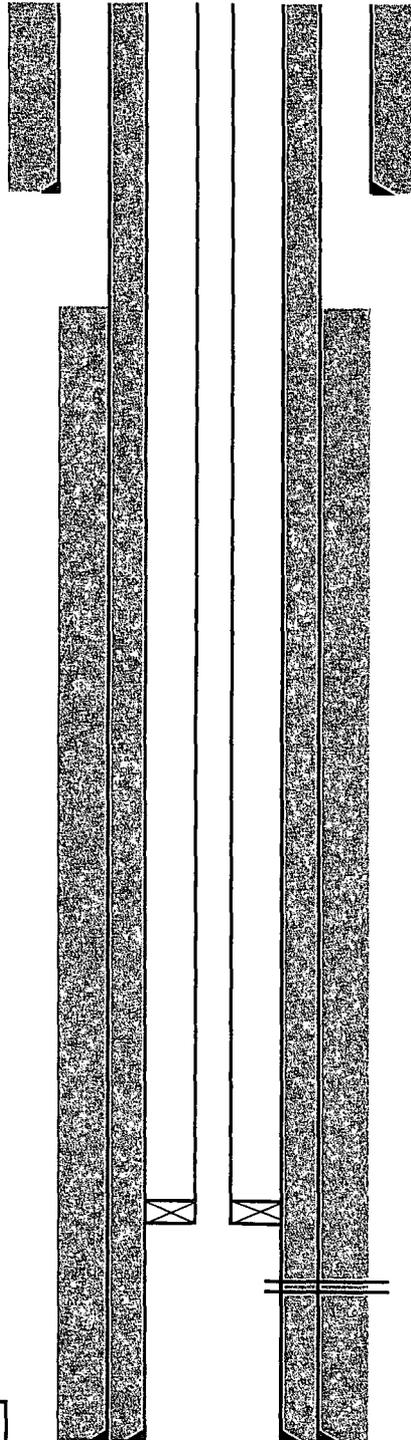
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

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



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

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

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.

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

Notes

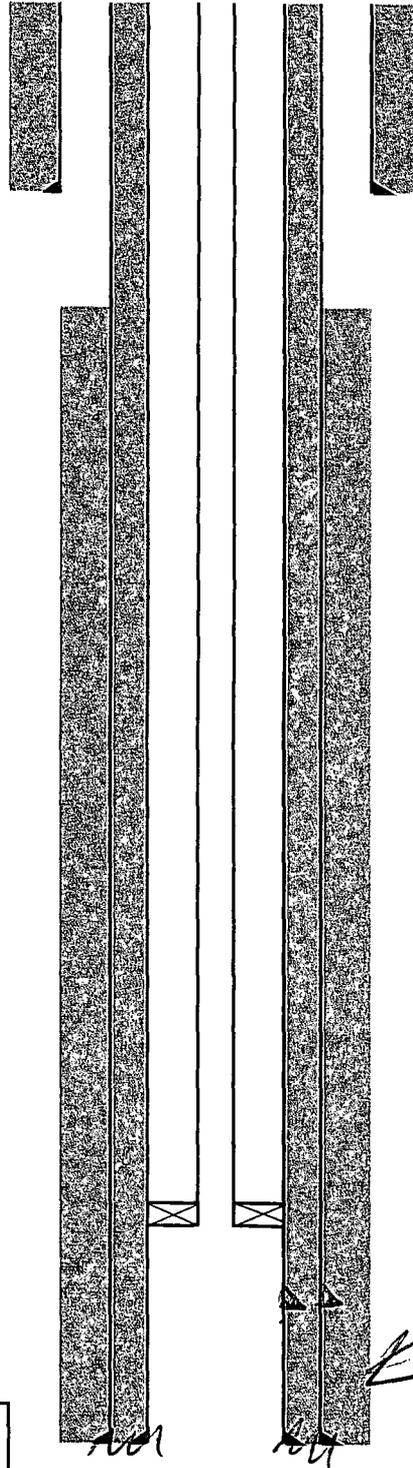
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

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: 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): 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

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

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.

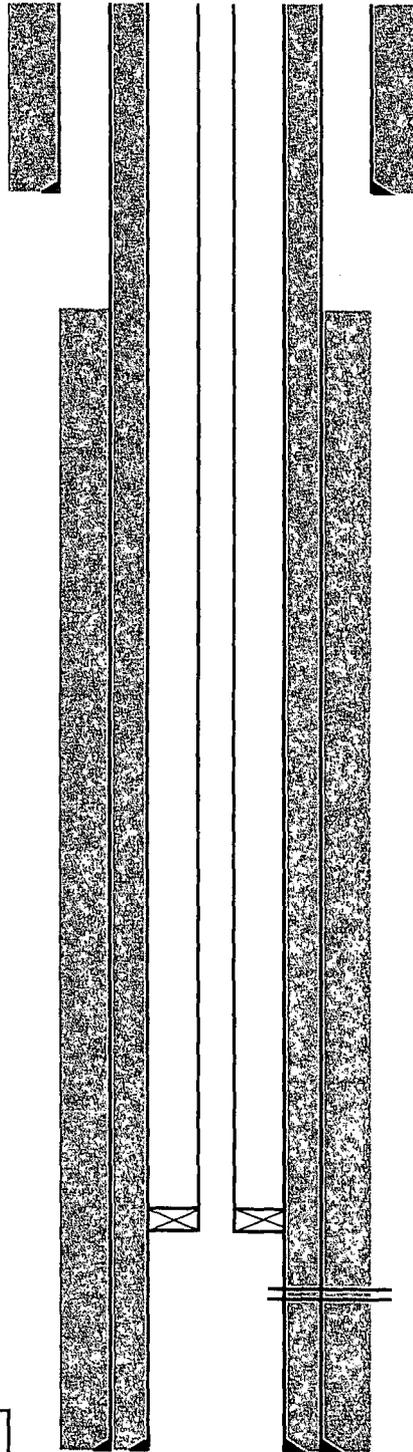
Total Depth (ft): 3523

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



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

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

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

Perforations

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

Production Casing

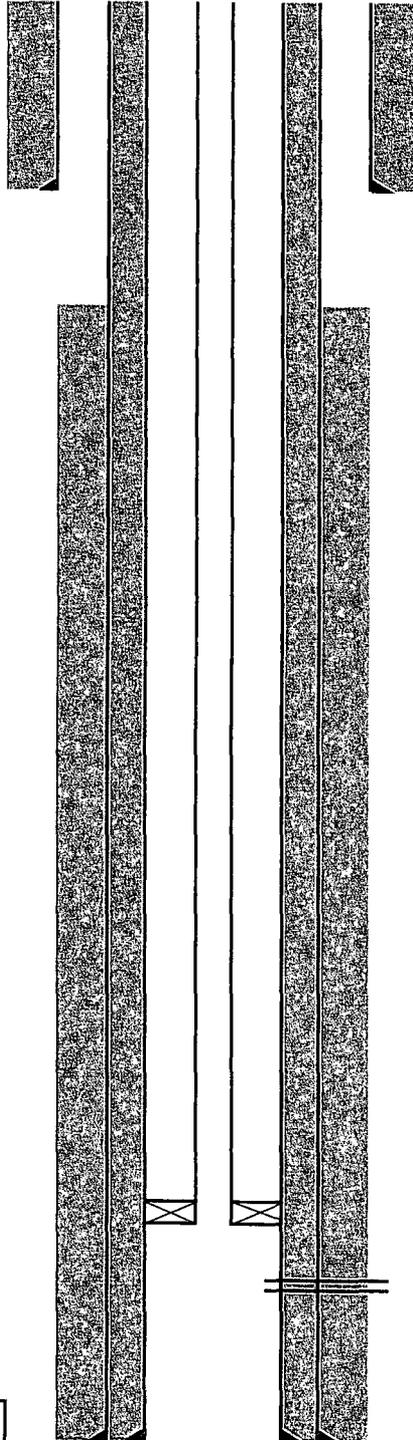
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3596
 Amount Cement (sx): 500
 Top of Cement (ft): 1900
 TOC Method: T.S.

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



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

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

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

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

Notes

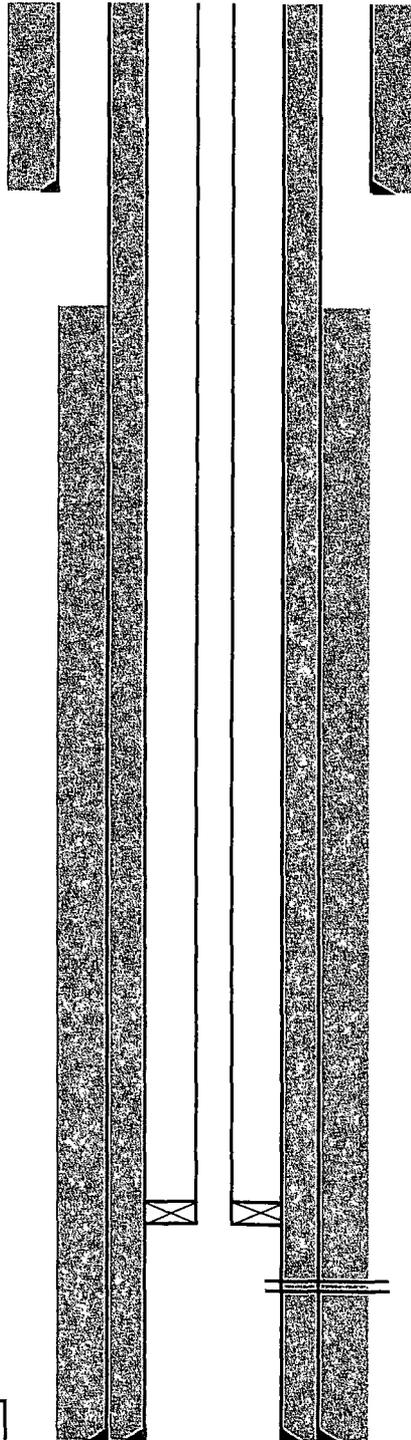
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #80
 Well Location:
 Calls: 660' FNL, 1980' FEL
 Unit: B
 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): 253
 Amount Cement (sx): 250
 Top of Cement (ft): Surface
 TOC Method: Circulated

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

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

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

Notes

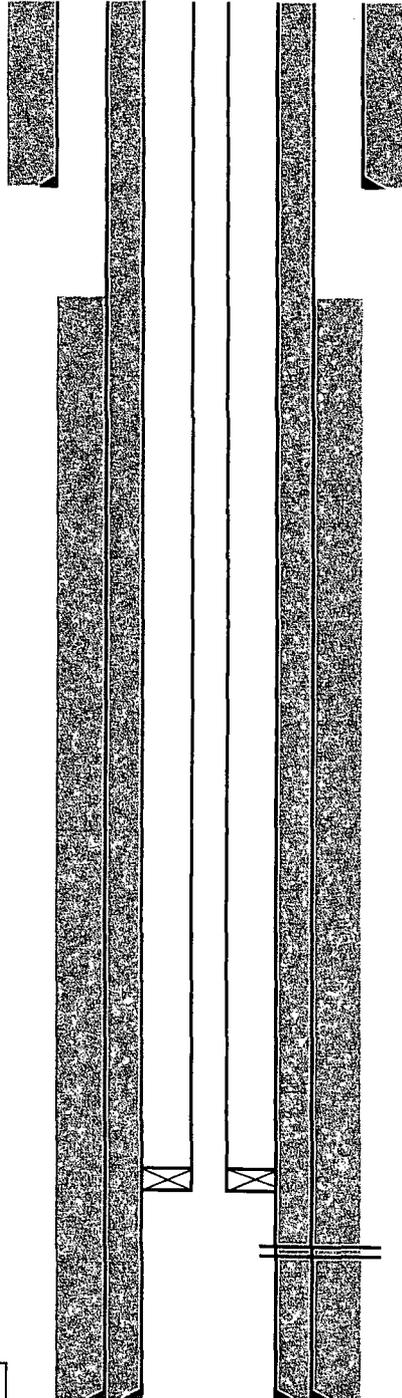
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a produce- and will converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

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 re-perforated.
- (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

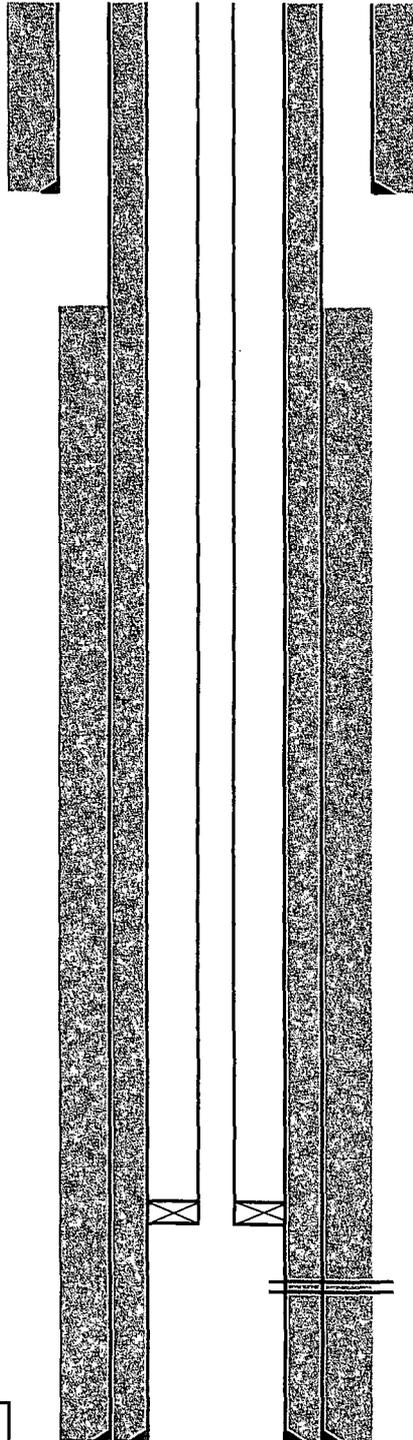
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3667
 Amount Cement (sx): 600
 Top of Cement (ft): 1181
 TOC Method: Calculated

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



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

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

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

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

Notes

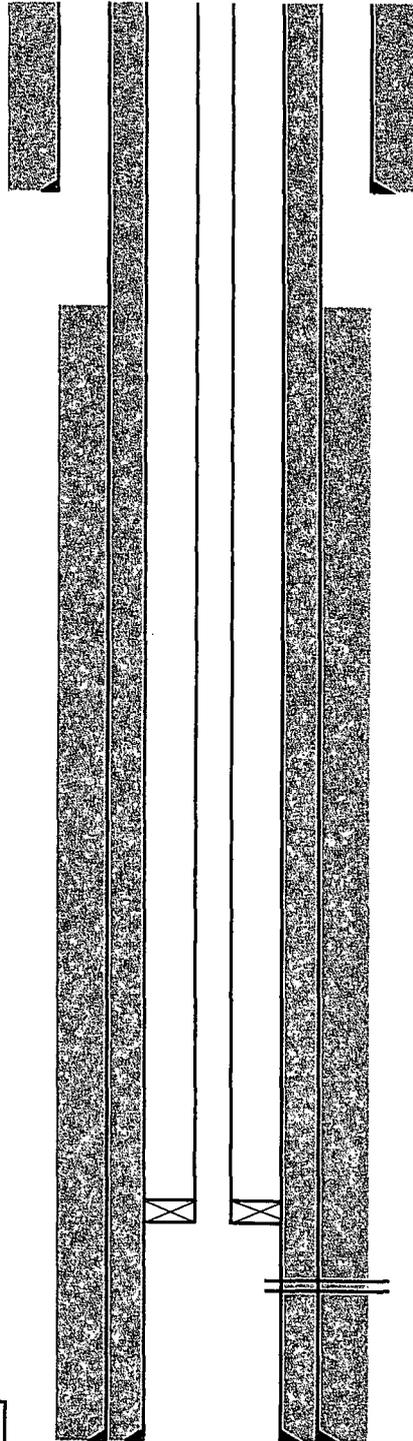
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

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



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

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

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

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

Notes

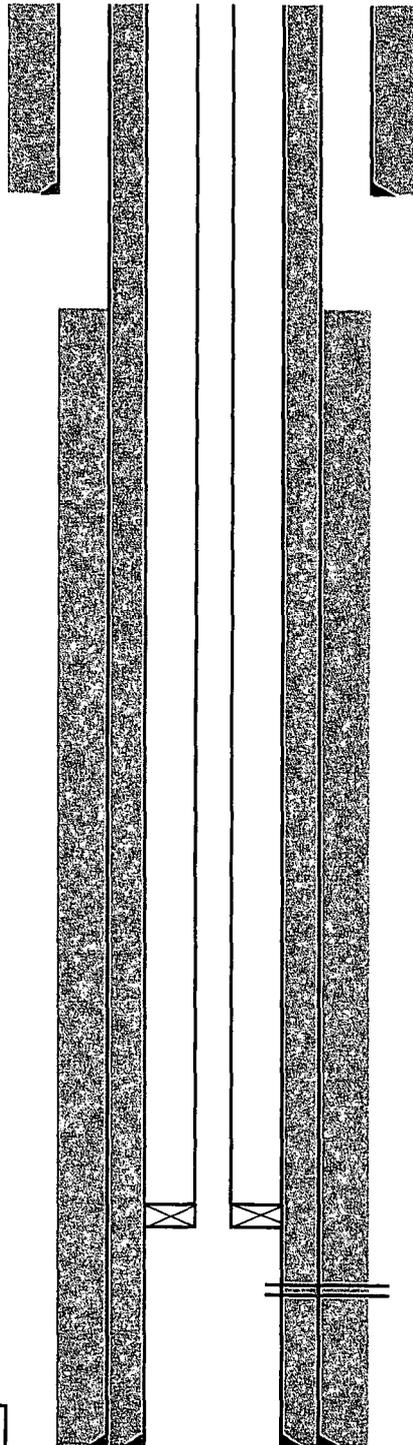
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

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



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

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

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

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

Notes

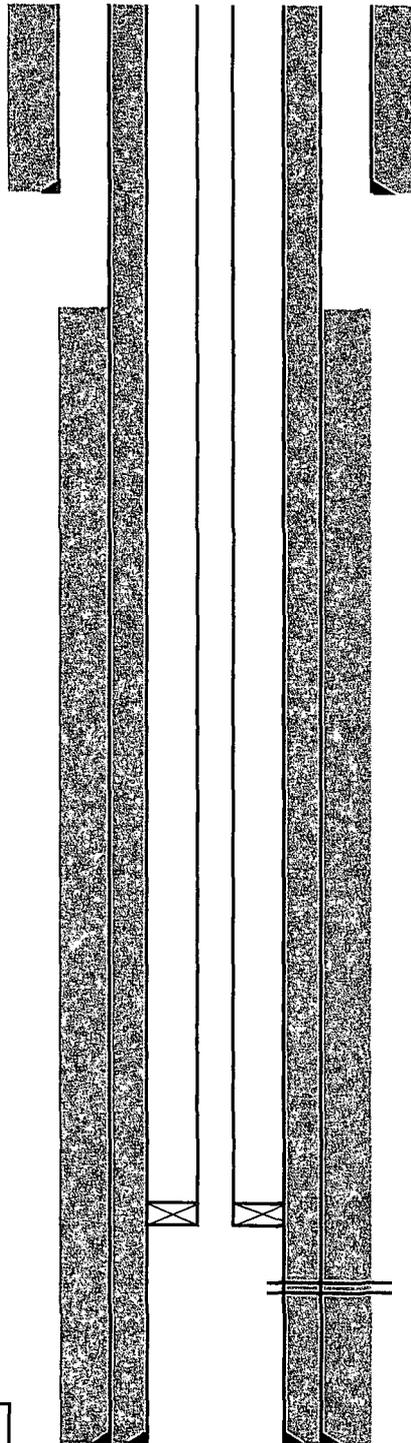
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) Perforations 3553-3601 squeezed with 258 sx.
- (5) No other known productive intervals in area.

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



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

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

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

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

Notes

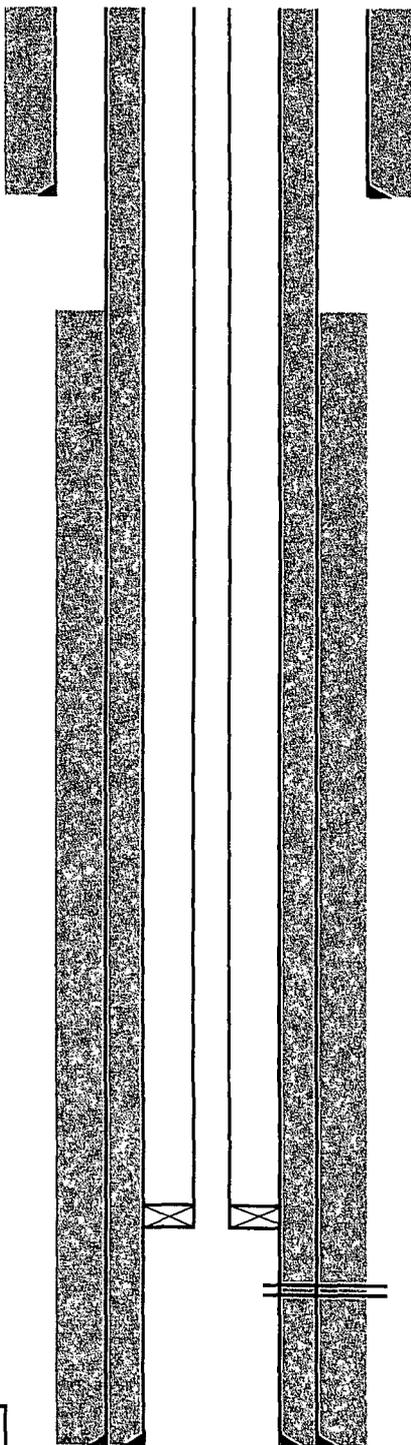
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

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



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

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

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

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

Notes

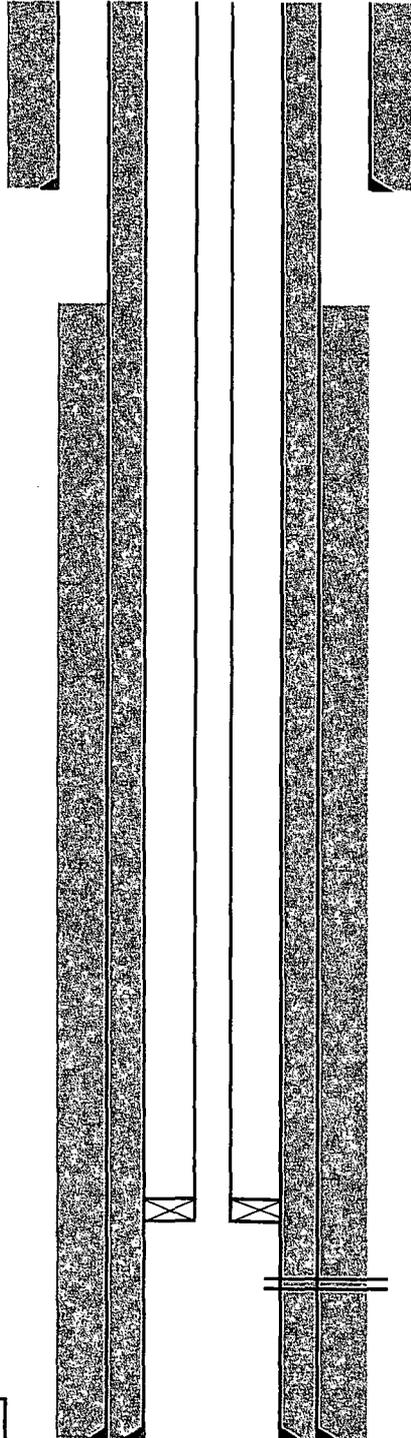
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

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

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



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

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

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

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

Notes

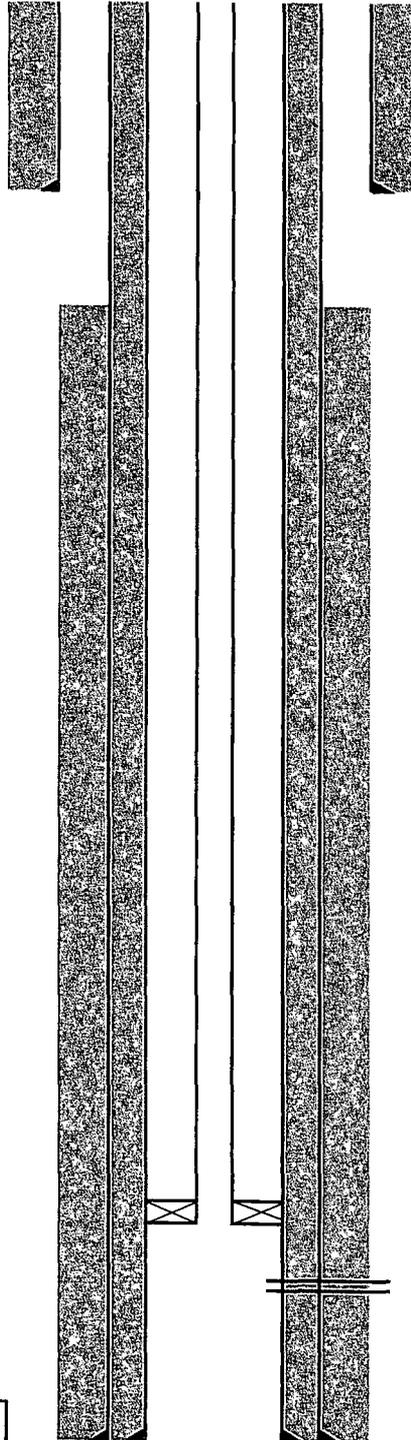
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

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



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

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

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.

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

Notes

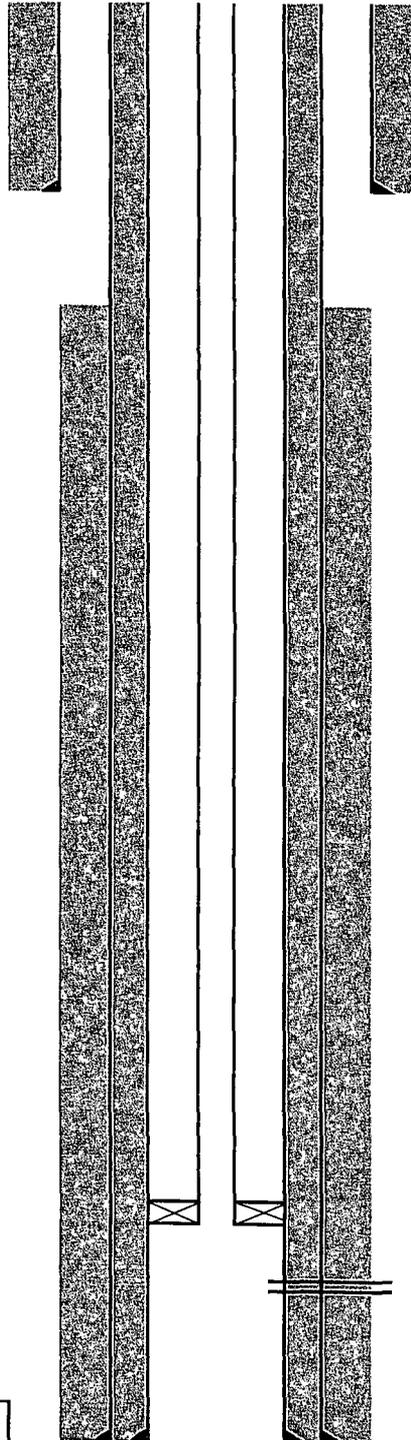
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

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



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

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

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

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

Notes

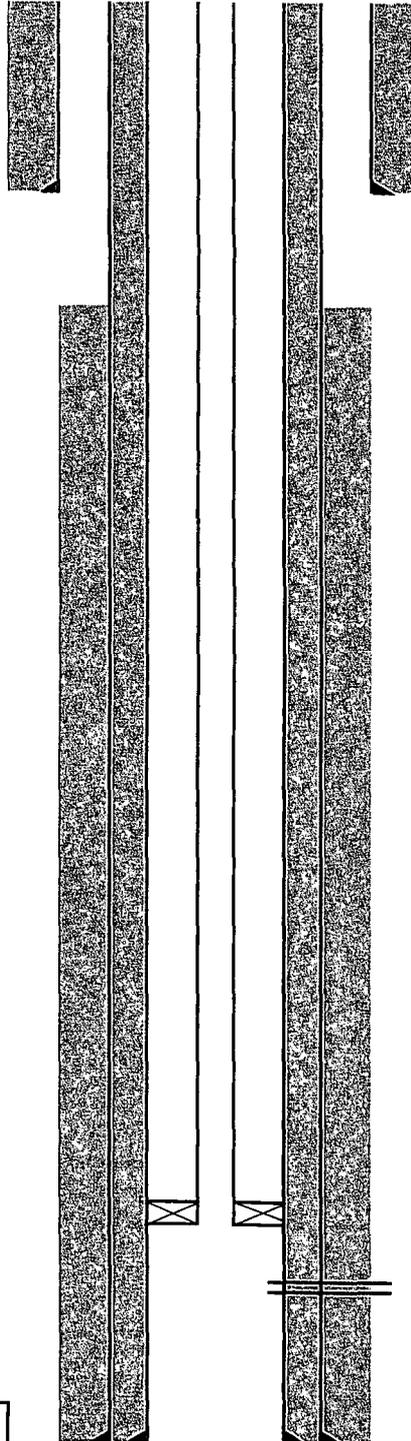
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #111
 Well Location: 1980' FSL, 1980' FWL
 Calls: K
 Unit: 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): 295
 Amount Cement (sx): 260
 Top of Cement (ft): Surface
 TOC Method: Circulated

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

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

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

Notes

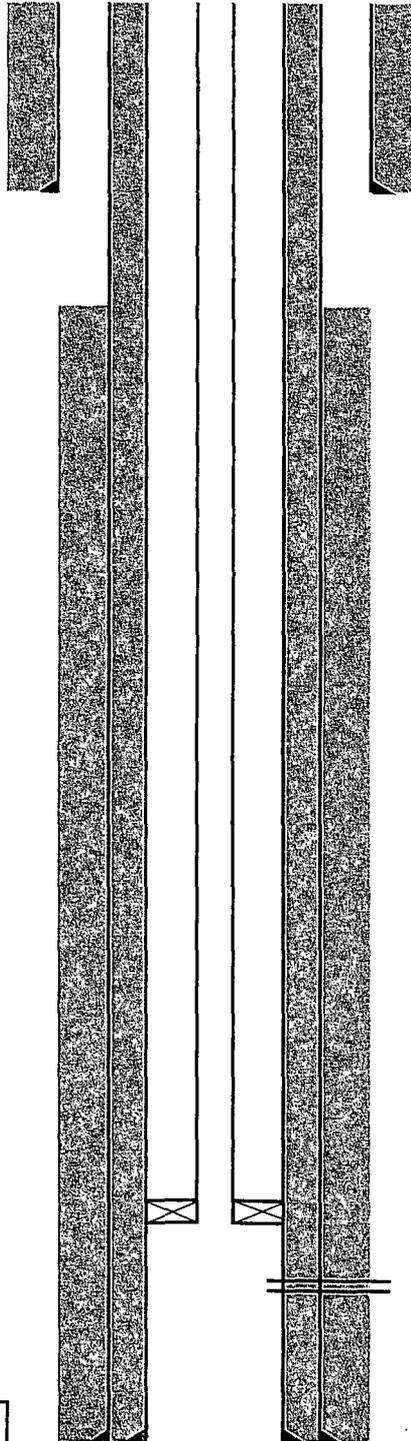
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

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



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

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

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

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

Notes

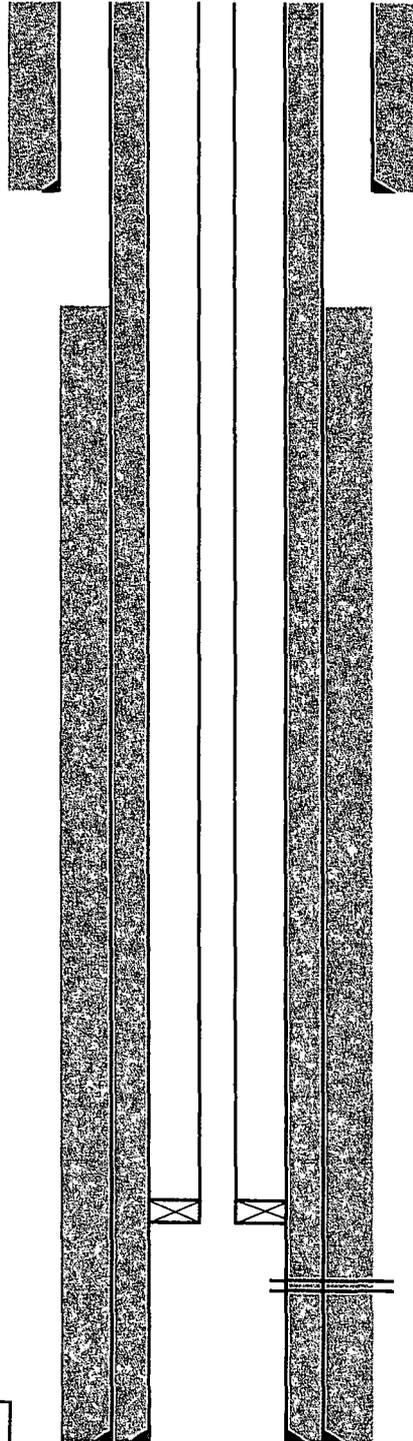
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a produce- and will converted to injection service.
- (4) Perforations 3580-3628 squeezed with 150 sx.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #113
 Well Location: 1980' FSL, 660' FEL
 Calls: I
 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): 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
 PBDT (ft): 3591

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

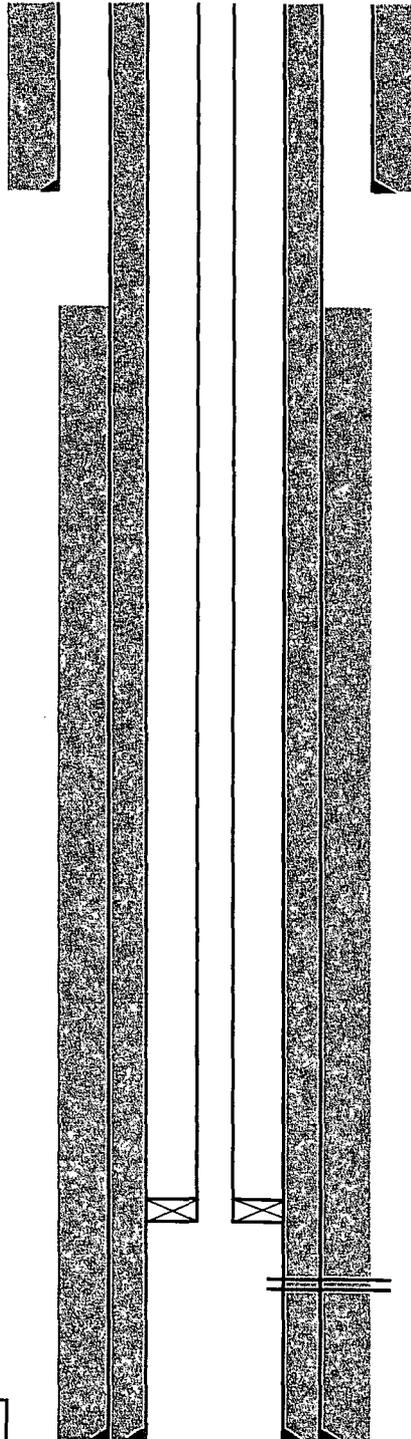
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3596
 Amount Cement (sx): 300
 Top of Cement (ft): 2353
 TOC Method: Calculated

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



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

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

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

Total Depth (ft): 3618
 P8TD (ft): 3614

Notes

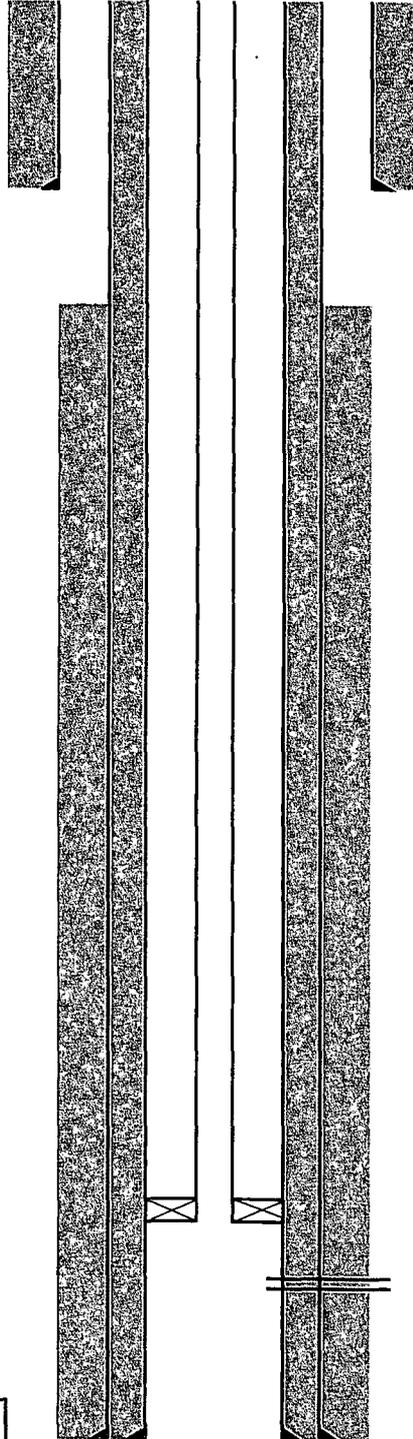
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #115
 Well Location:
 Calls: 660' FSL, 1980' FEL
 Unit: O
 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): 284
 Amount Cement (sx): 250
 Top of Cement (ft): Surface
 TOC Method: Circulated

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

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

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

Notes

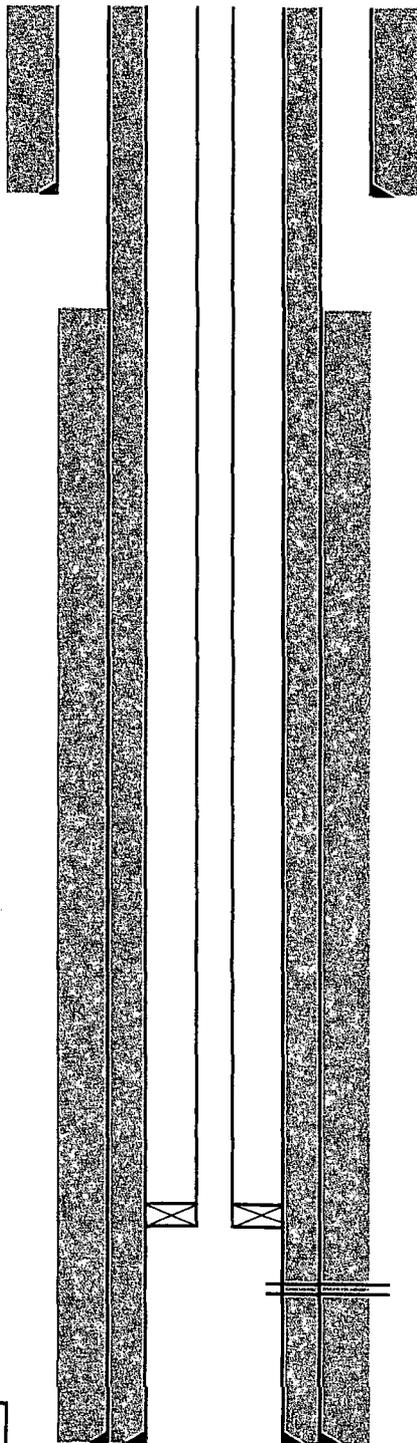
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

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



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

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

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

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

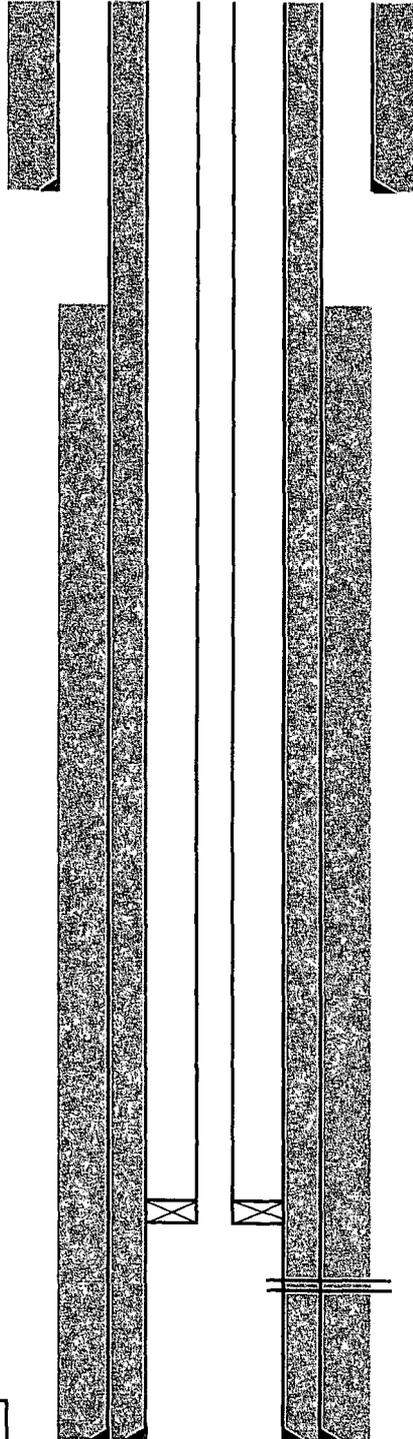
- Notes**
- (1) Injection interval is San Andres.
 - (2) Injection will be through perforations.
 - (3) Well originally completed as a producer and will be converted to injection service.
 - (4) No abandoned perforated intervals.
 - (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

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

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

Notes

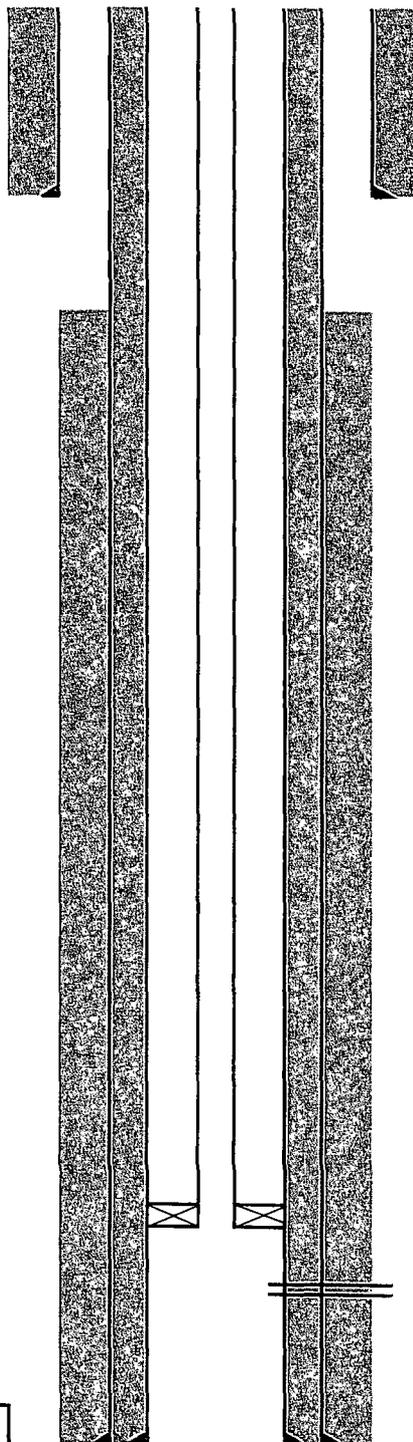
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a produce: and will converted to injection service.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #118
 Well Location: 660' FSL, 660' FEL
 Call 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

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.

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

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.

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

CURRENT 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

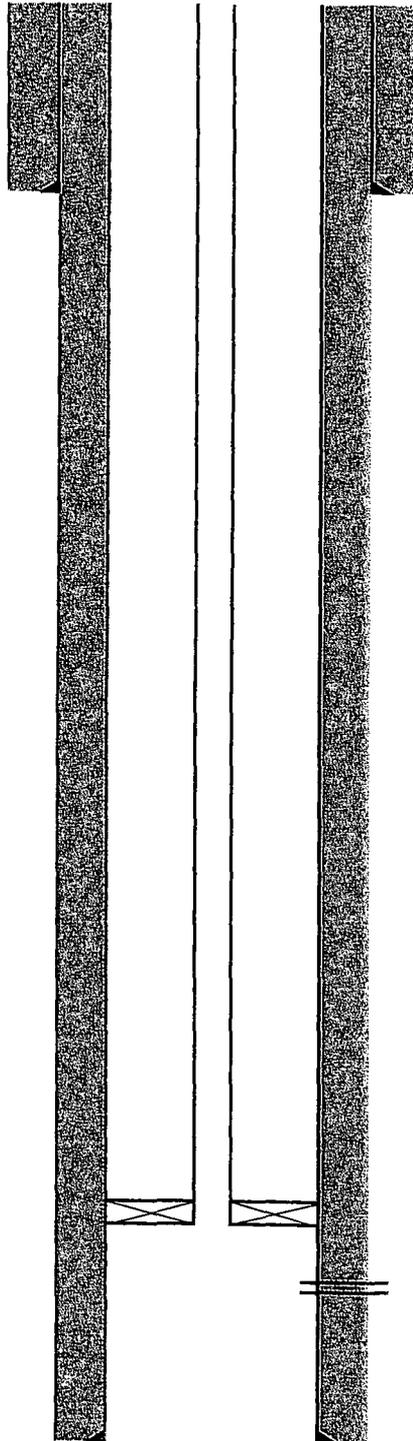
Model: Baker AD-1
 Setting Depth (ft): 3200

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

Notes

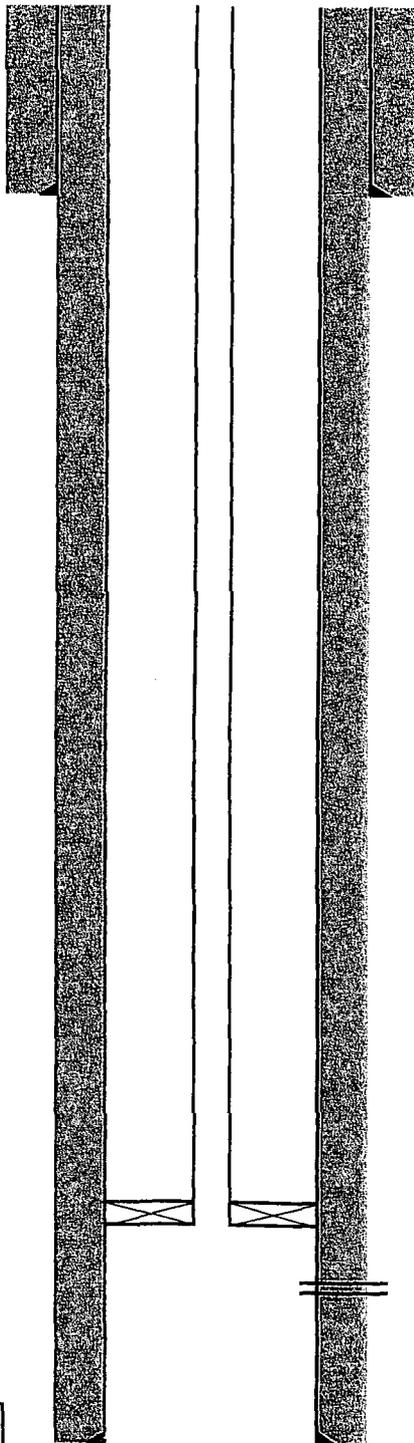
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as an injector.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #507
 Well Location:
 Calls: 710' FSL, 1980' FEL
 Unit: 0
 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

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

Total Depth (ft): 3956

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 #521
 Well Location:
 Calls: 536' FNL, 630' FWL
 Unit: D
 Section: 12
 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): 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

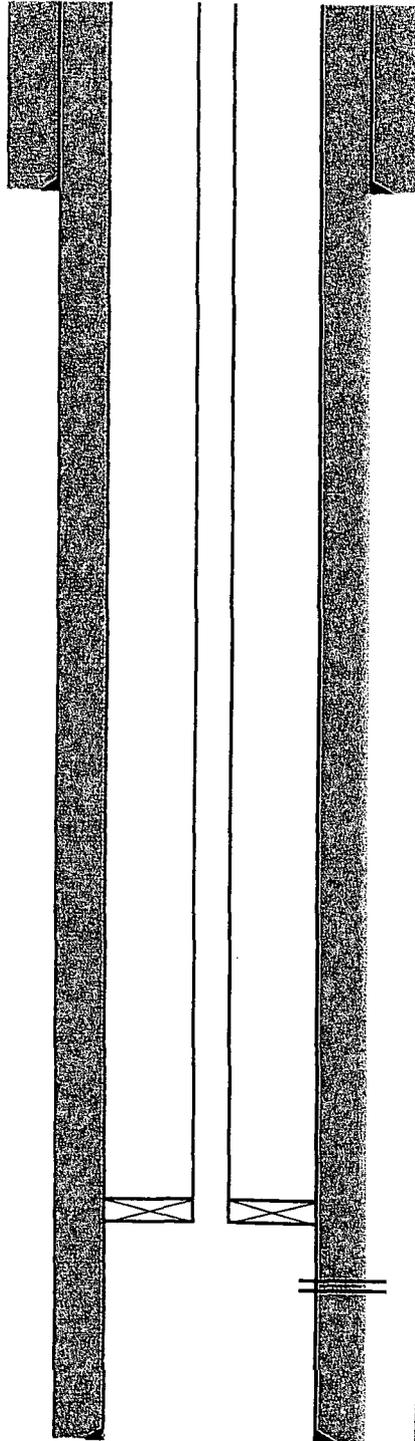
Model: Baker AD-1
 Setting Depth (ft): 3200

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



Notes

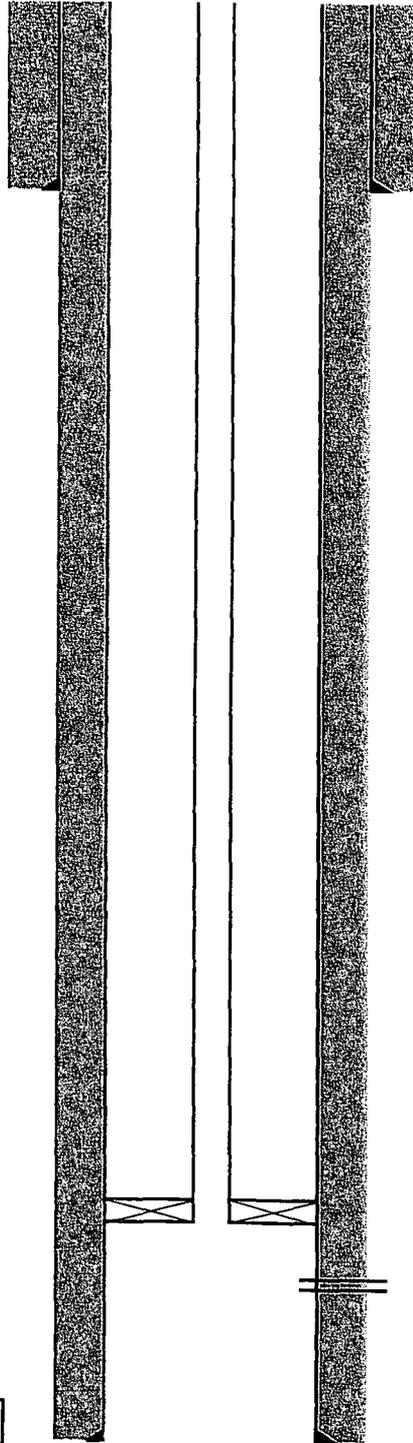
- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as an injector.
- (4) No abandoned perforated intervals.
- (5) No other known productive intervals in area.

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:
 Calls: 1930' FSL, 658' FWL
 Unit: L
 Section: 12
 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): 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

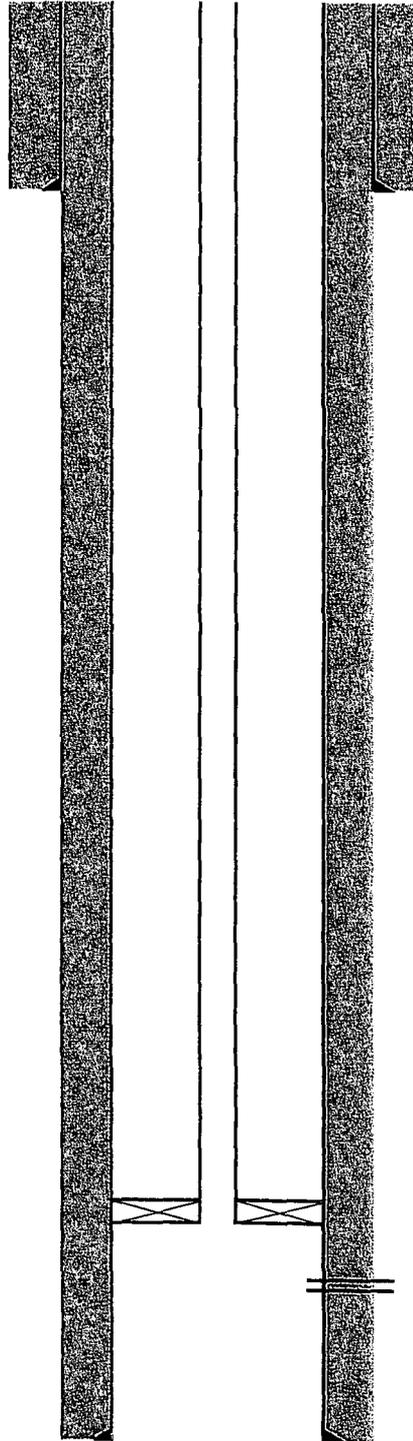
Model: Baker AD-1
 Setting Depth (ft): 3200

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

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

CURRENT 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

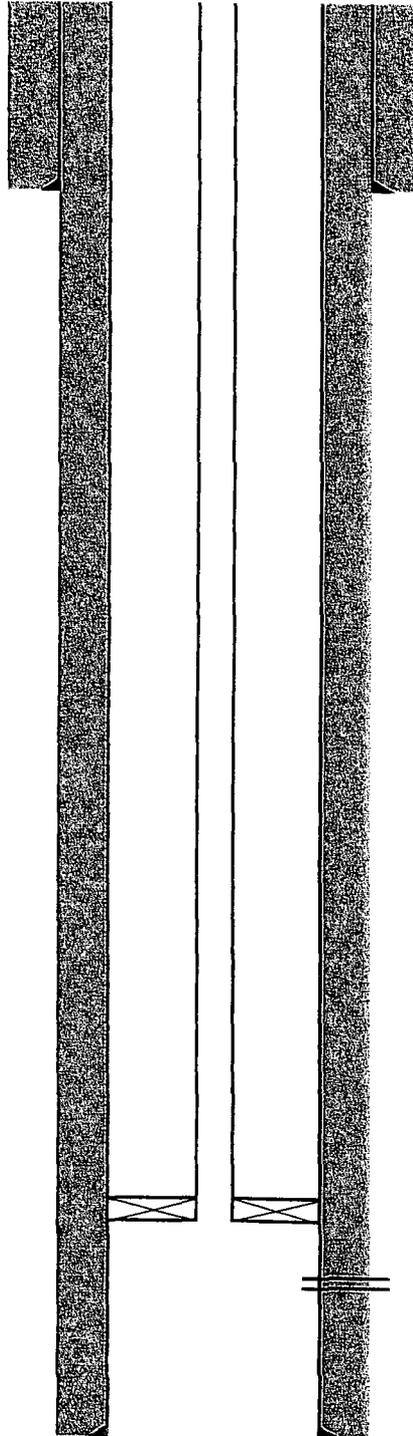
Model: Baker AD-1
 Setting Depth (ft): 3200

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

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

CURRENT 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

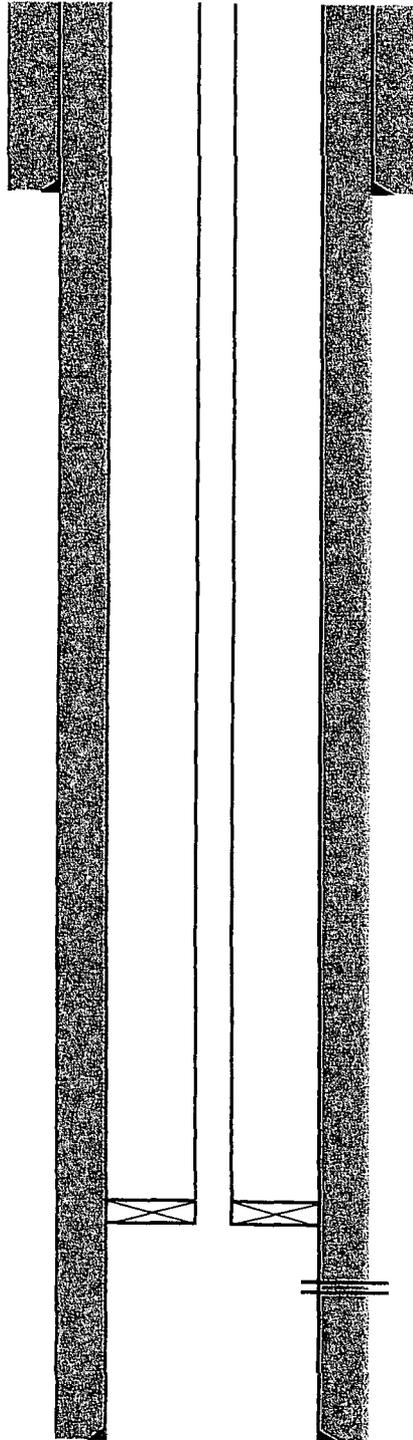
Model: Baker AD-1
 Setting Depth (ft): 3200

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

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

CURRENT 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

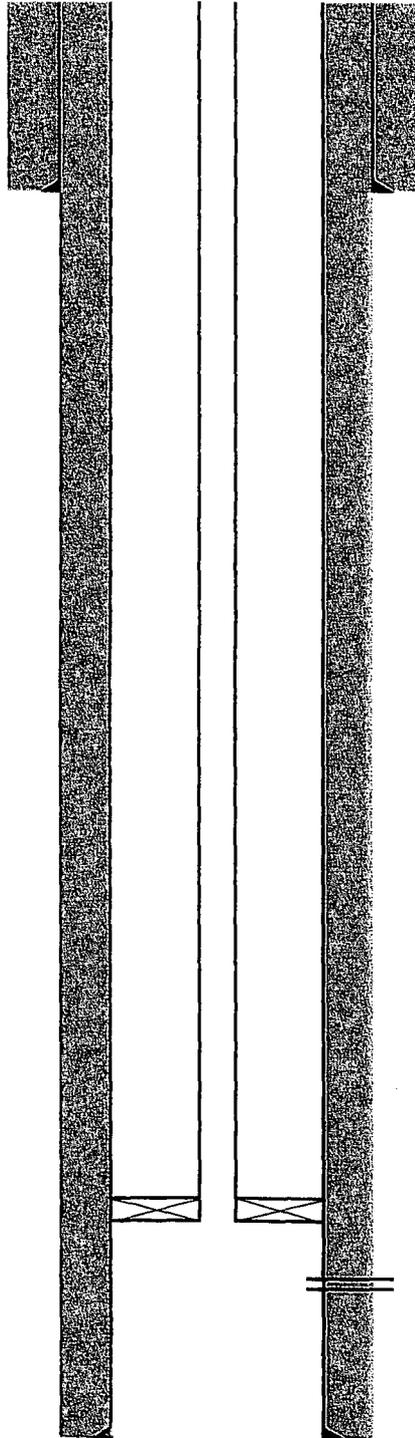
Model: Baker AD-1
 Setting Depth (ft): 3200

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

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

CURRENT 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

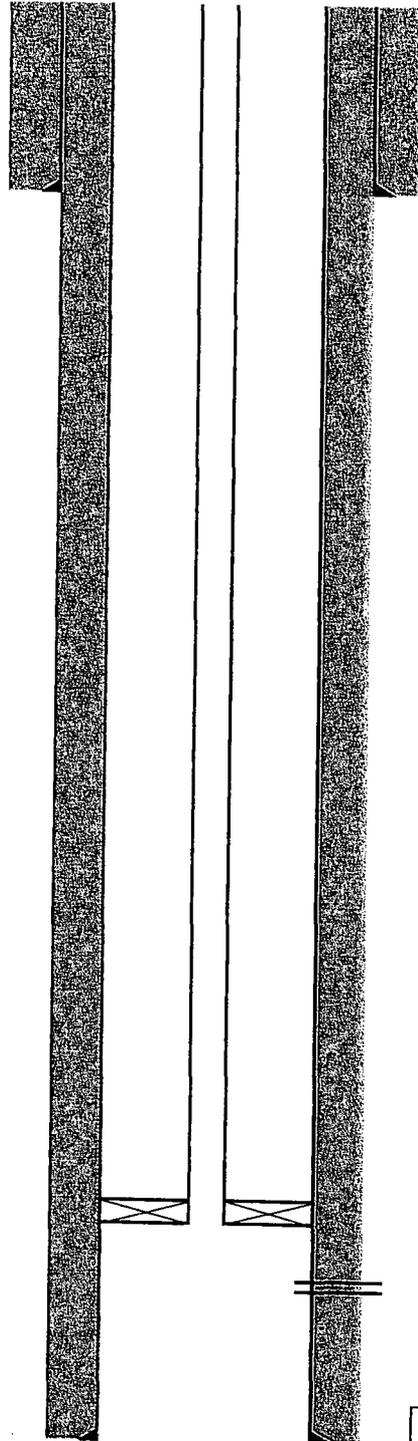
Model: Baker AD-1
 Setting Depth (ft): 3200

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

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

CURRENT 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

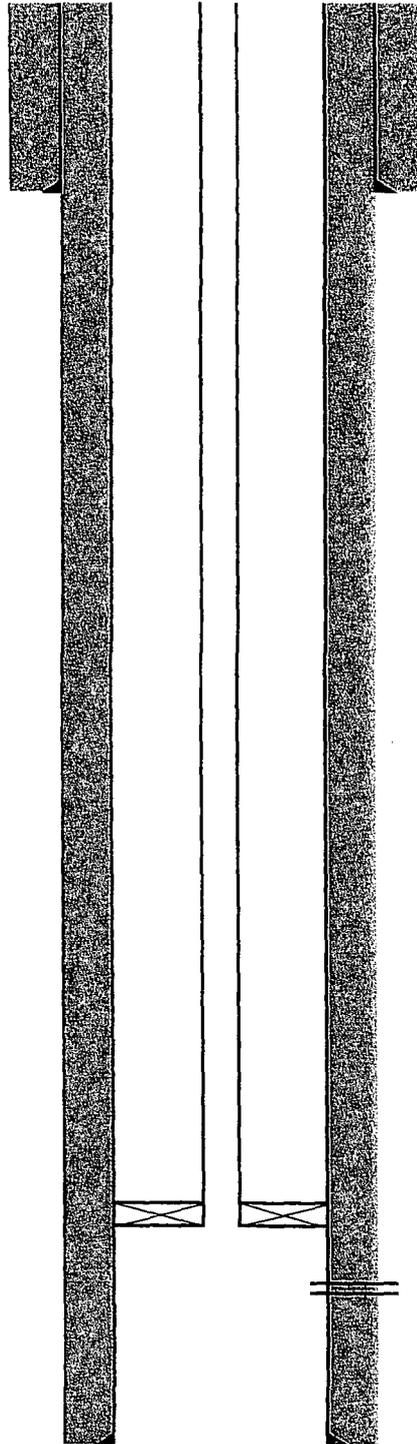
Model: Baker AD-1
 Setting Depth (ft): 3200

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

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

CURRENT 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

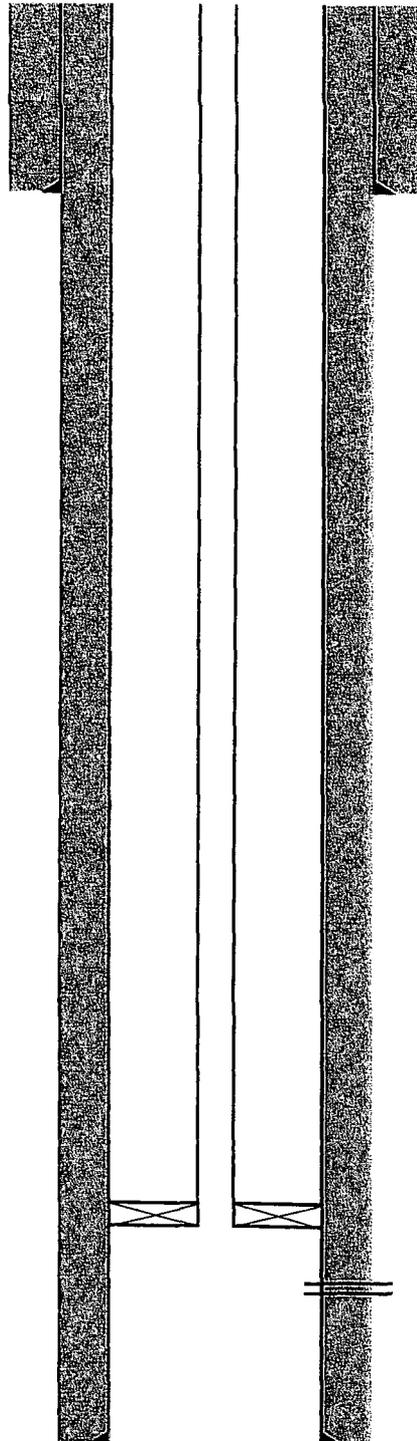
Model: Baker AD-1
 Setting Depth (ft): 3200

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

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

CURRENT 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

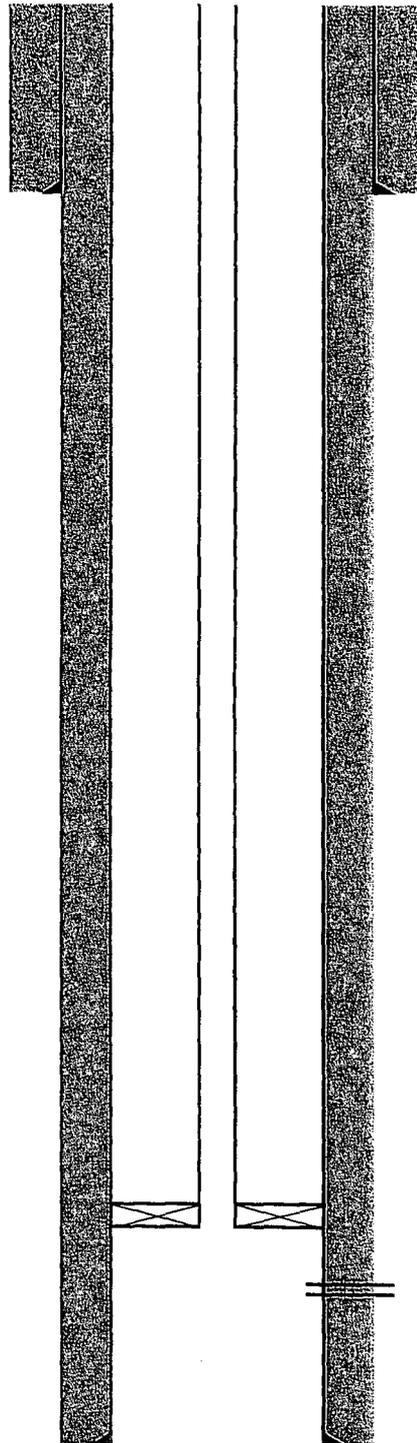
Model: Baker AD-1
 Setting Depth (ft): 3200

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

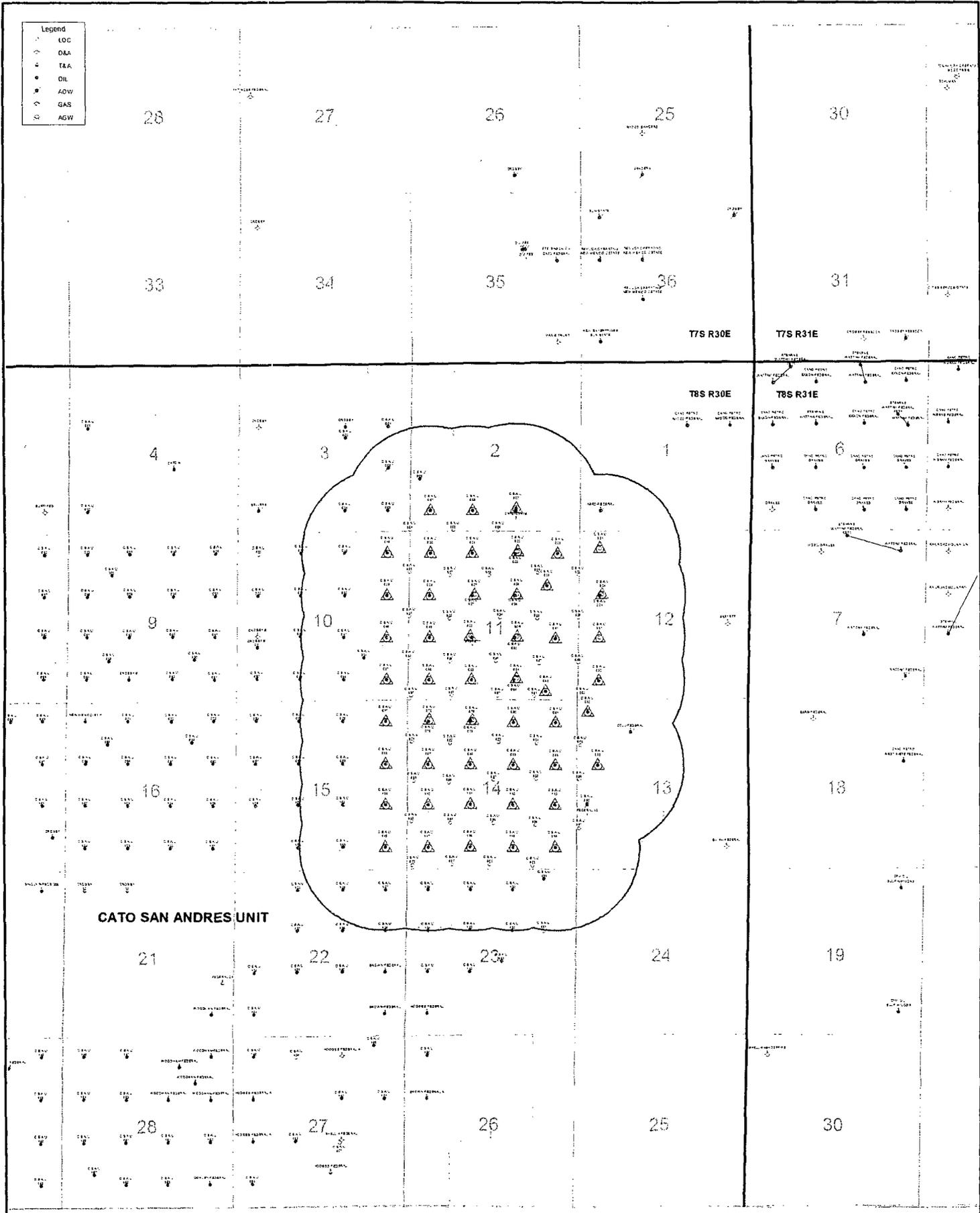


Total Depth (ft): 4000

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
 - OAA
 - T&A
 - DIL
 - ADW
 - 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

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

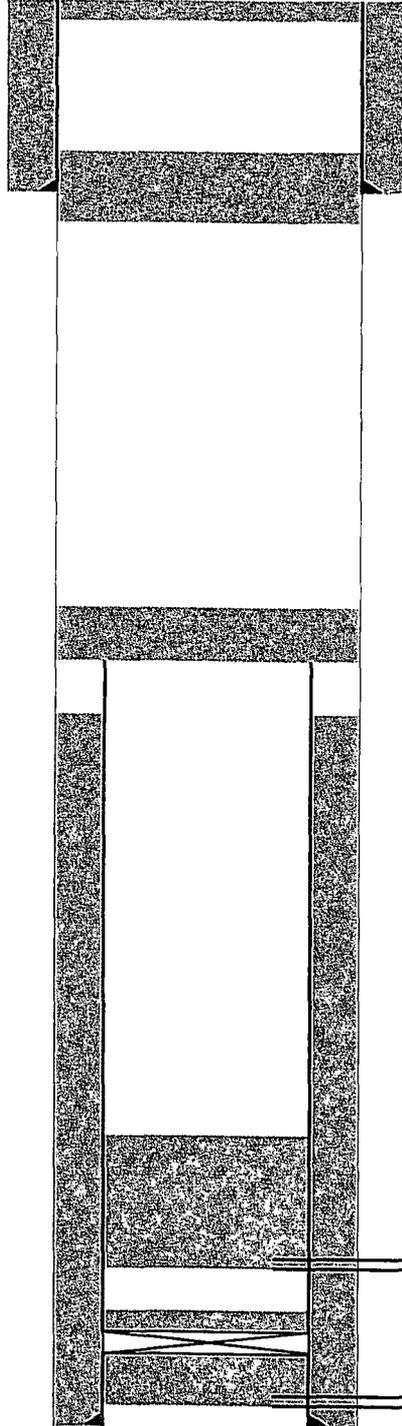
cmt plug 400' - 500'

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: .8S
 Range: 30E

PLUG DETAILS

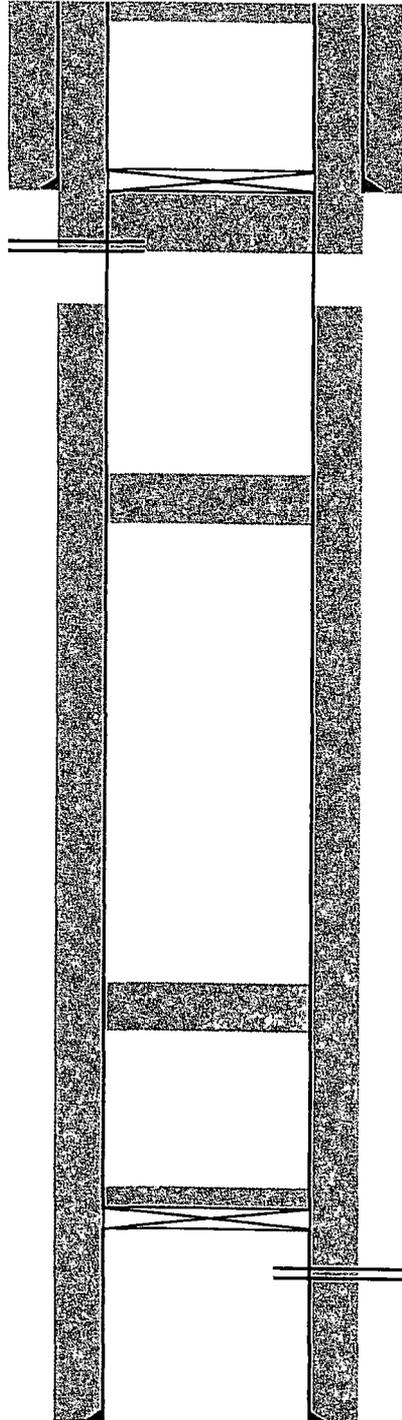
10 sx cmt plug at surface

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

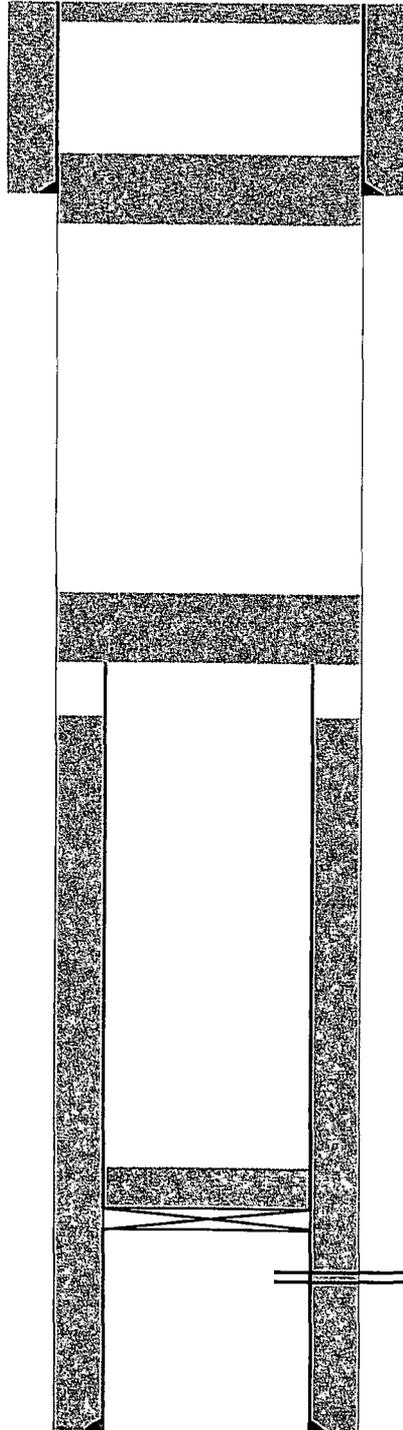
10 sx cmt plug @ surface

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: .8S
 Range: 30E

PLUGGING DETAILS

10 sx cmt plug @ surface

 25 sx cmt plug @ 727'

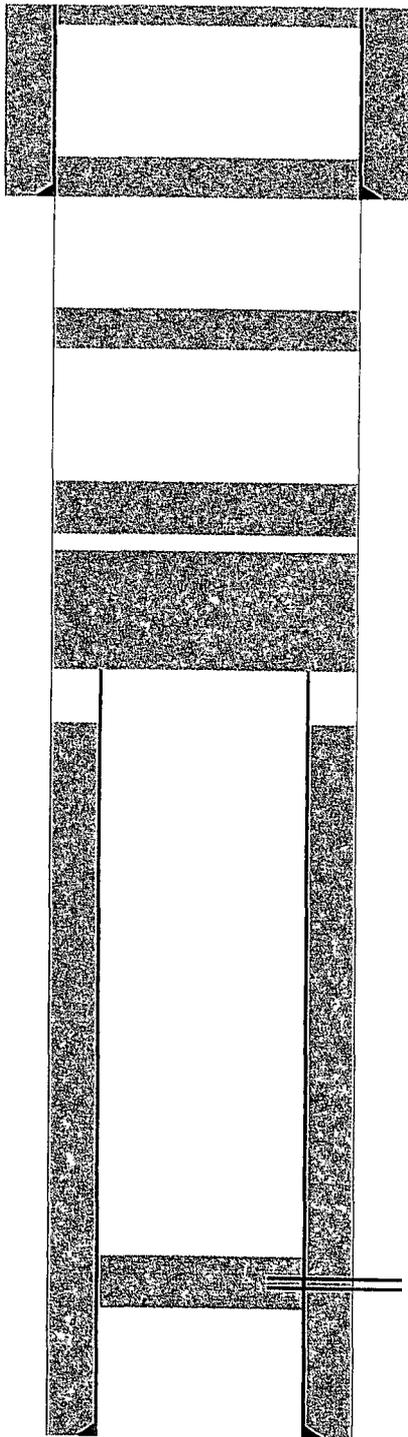
 25 sx cmt plug @ 1100'

 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

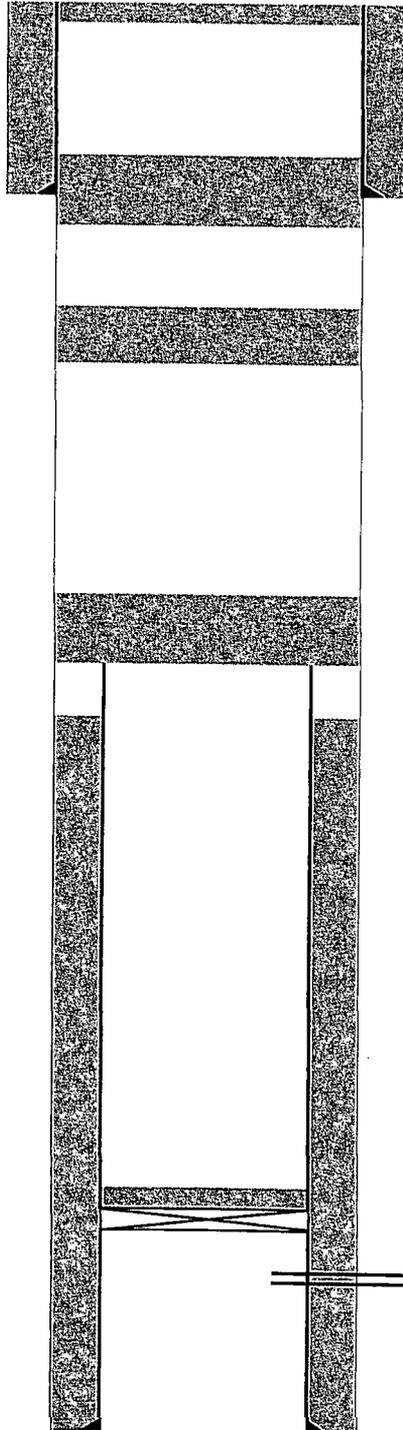
cmt plug 145' - 255'

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

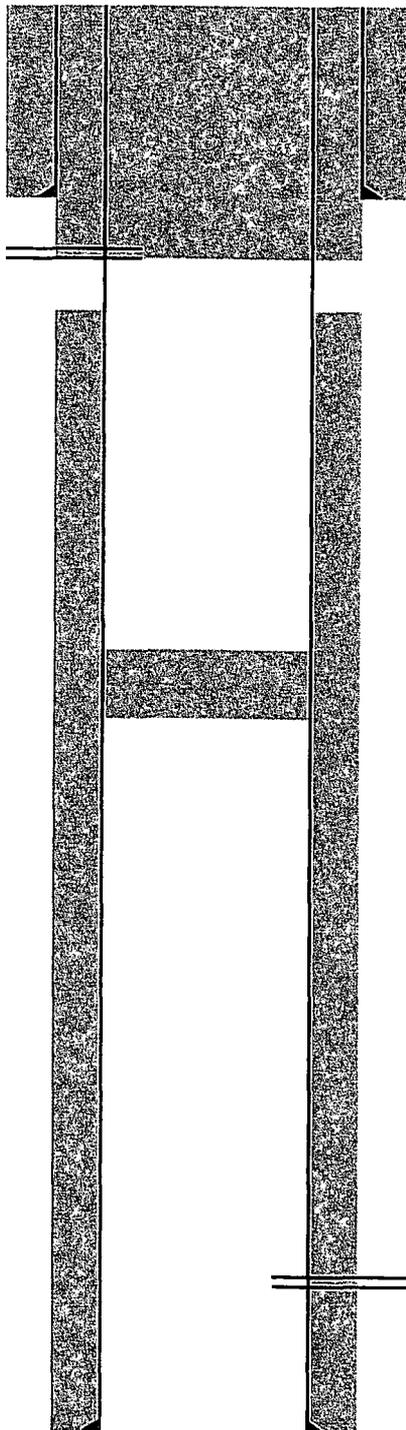
Operator: United Heritage New Mexico Corp.
 Well Name: CSAU # 4
 Well Location:
 Calls: 1980' FSL, 660' FEL
 Unit: 1
 Section: 3
 Township: .85
 Range: 30E

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

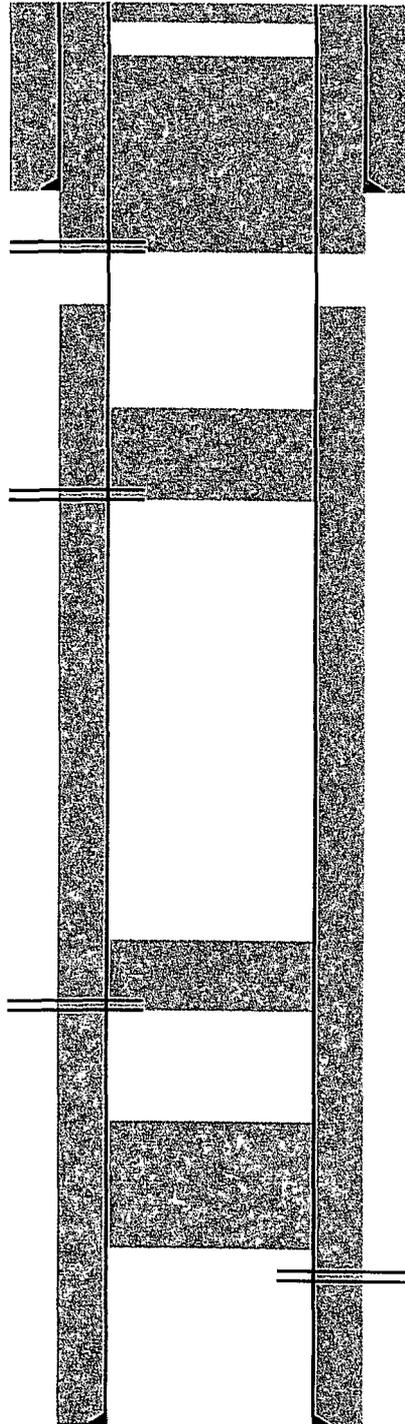
3 sx cmt plug @ surface

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'

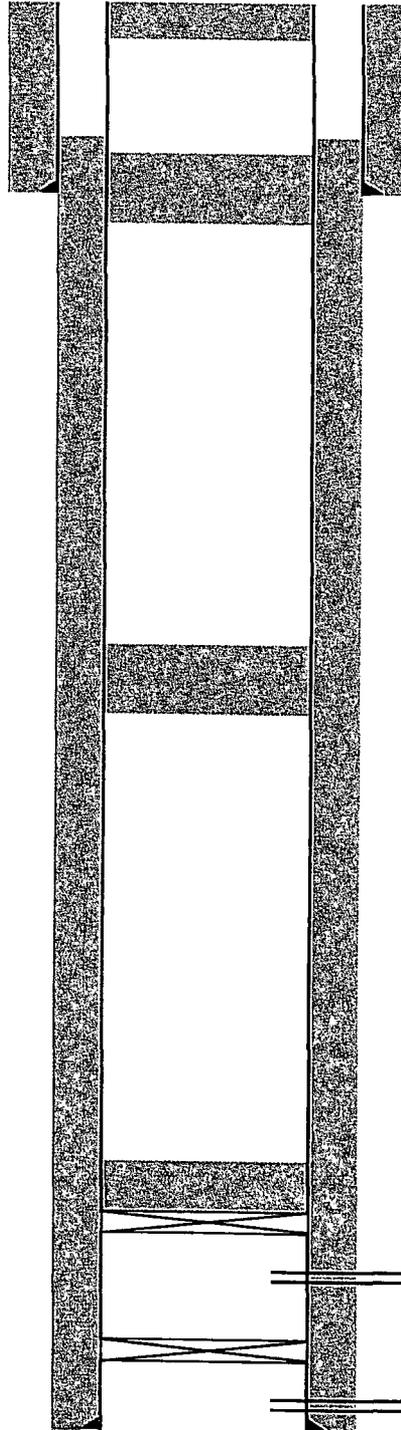
cmt plug 410' - 510'

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
 IOC 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

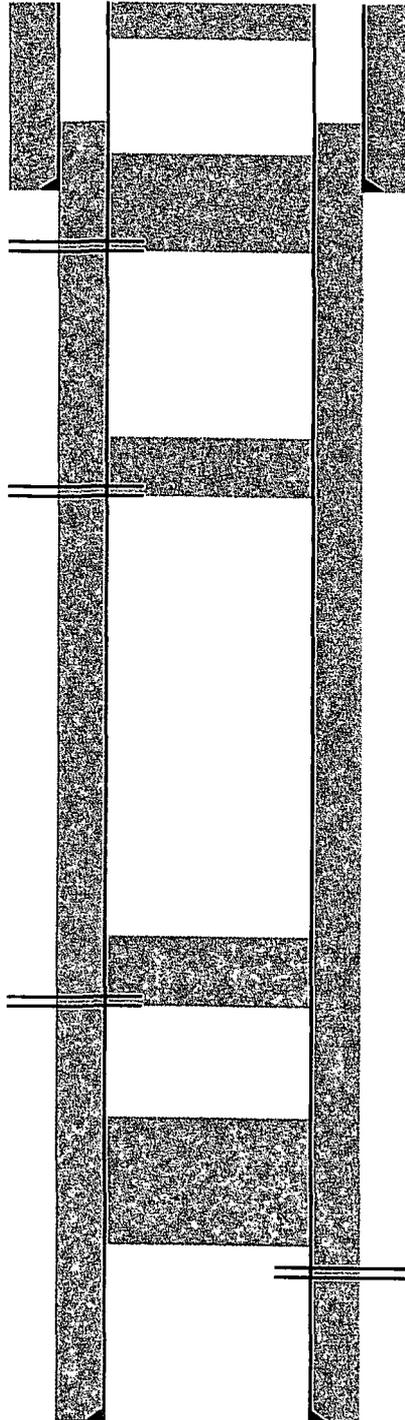
cmt plug surface - 60'

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: .8S
 Range: 30E

PLUG DETAILS

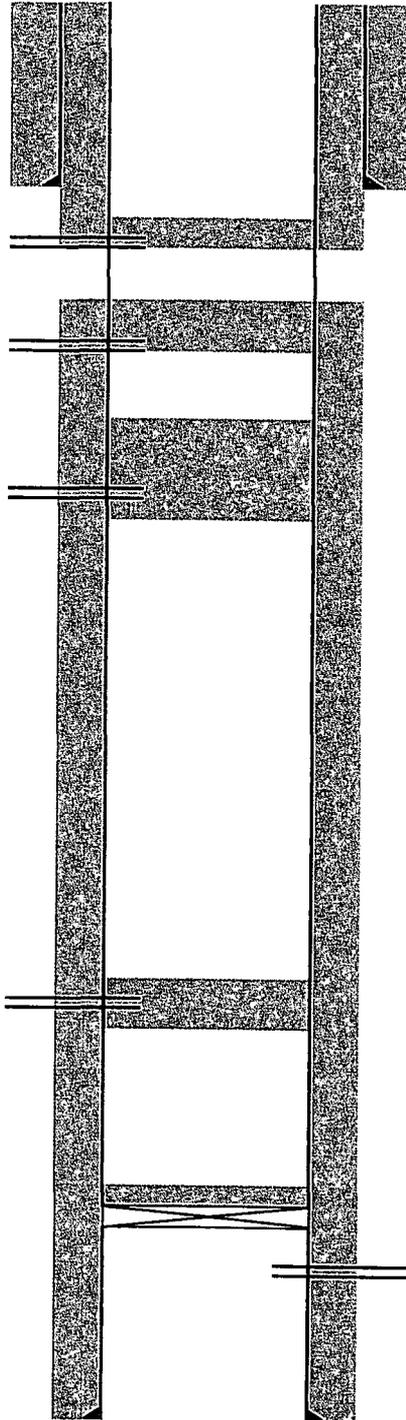
perforations @ 509'
 cmt circulated to surface

perforations @ 799' squeezed w/ 4 1/2" 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: 0
 Section: 11
 Township: .8S
 Range: 30E

PLUG DETAILS

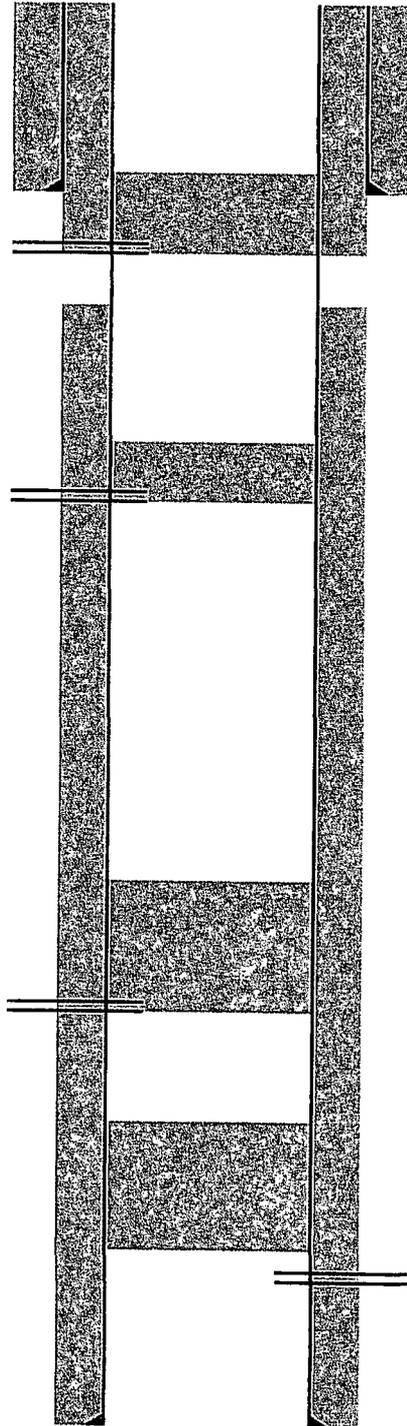
ORIGINAL WELL CONSTRUCTION

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

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

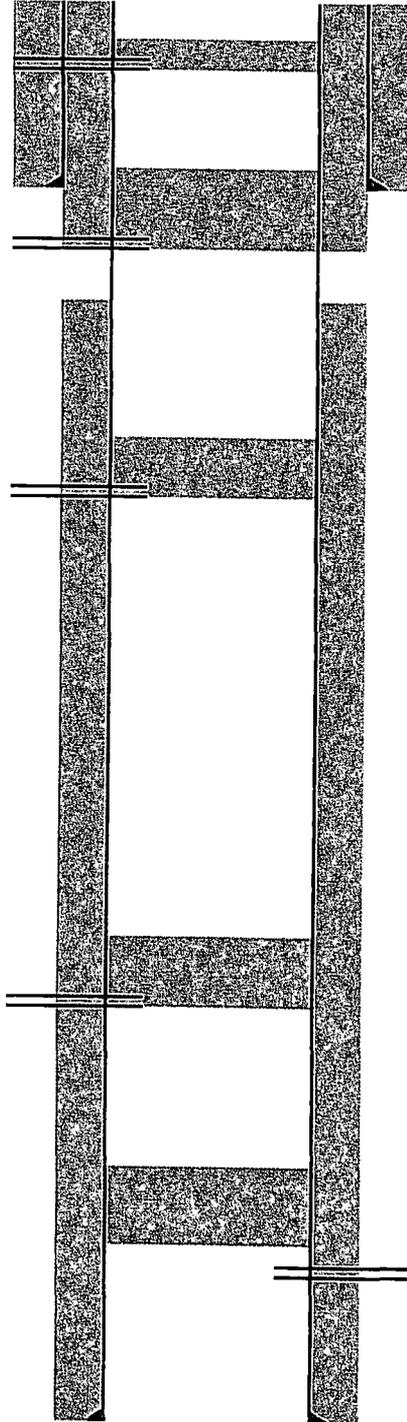
perforations @ 60'
 cmt circulated to surface

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

RECEIVED

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.