

DATE IN 7-19-10	SUSPENSE	ENGINEER TW	LOGGED IN 7-19-10	TYPE WFX	APP NO 1020142990
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



Cano

43 well

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

WFX-867

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☒ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] ☒ Working, Royalty or Overriding Royalty Interest Owners
[B] ☒ Offset Operators, Leaseholders or Surface Owner
[C] ☐ Application is One Which Requires Published Legal Notice
[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,
[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

KEITH B. MASTERS, P.E.
Print or Type Name

[Signature]
Signature

CONSULTANT
Title

07/20/10
Date

K_b_masters@mastersconsultingllc.com
e-mail Address

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 # 6	to be converted to injection
CSAU # 7	to be converted to injection
CSAU # 19	active injector
CSAU # 20	active injector
CSAU # 21	active injector
CSAU # 23	active injector
CSAU # 25	conversion to injection to be deferred
CSAU # 28	active injector
CSAU # 29	to be replaced
CSAU # 48	active injector
CSAU # 49	active injector
CSAU # 50R	active injector
CSAU # 51	active injector
CSAU # 52	to be replaced
CSAU # 53	to be replaced
CSAU # 55	to be replaced
CSAU # 56	active injector
CSAU # 57	active injector
CSAU # 77	active injector
CSAU # 80	to be replaced
CSAU # 81	to be replaced
CSAU # 82	to be replaced
CSAU # 83	to be replaced
CSAU # 84	active injector
CSAU # 85	active injector
CSAU # 86	active injector
CSAU # 87	active injector
CSAU # 88	active injector
CSAU # 109	to be converted to injection
CSAU # 110	to be replaced
CSAU # 111	to be converted to injection
CSAU # 112	to be replaced
CSAU # 113	to be replaced
CSAU # 114	to be replaced
CSAU # 115	to be converted to injection
CSAU # 116	to be replaced
CSAU # 117	to be replaced
CSAU # 118	to be converted to injection
CSAU # 507	active injector
CSAU # 533	active injector

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

Item III

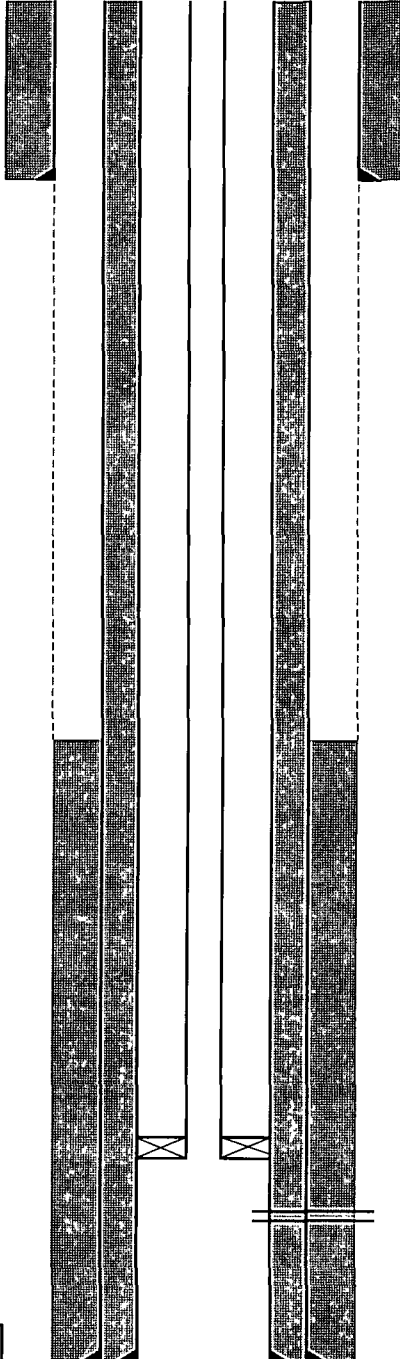
WELLBORE SCHEMATICS
PROPOSED INJECTION WELLS

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #8
 Well Location:
 Calls: 660' FSL, 660' FEL
 Unit: P
 Section: 3
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 9.6
 Setting Depth (ft): 3467
 Amount Cement (sx): 400
 Top of Cement (ft): Surface
 TOC Method: Circulated

Tubing

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

Packer

Model: Baker AD-1
 Setting Depth (ft): 3220

Perforations*

Top (ft): 3320
 Bottom (ft): 3439

Notes

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

Total Depth (ft): 3498
 PBTD (ft): 3467

* Perforations subject to change

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 318
 Amount Cement (sx): 250
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3320
 Bottom (ft): 3439

Production Casing

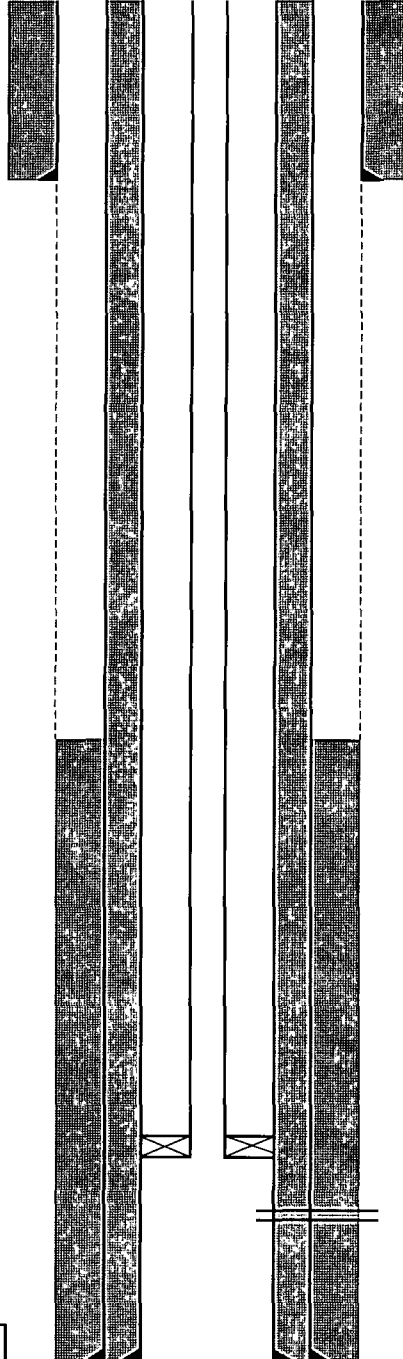
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3498
 Amount Cement (sx): 300
 Top of Cement (ft): 2255
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #9
 Well Location: 660' FSL, 1980' FEL
 Calls: O
 Unit: 3
 Section: 85
 Township: 30E
 Range:

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 9.6
 Setting Depth (ft): 3550
 Amount Cement (sx): 400
 Top of Cement (ft): Surface
 TOC Method: Circulated

Tubing

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

Packer

Model: Baker AD-1
 Setting Depth (ft): 3198

Perforations*

Top (ft): 3298
 Bottom (ft): 3384

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): 3550

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 28
 Setting Depth (ft): 508
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3298
 Bottom (ft): 3384

Production Casing

Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3582
 Amount Cement (sx): 450
 Top of Cement (ft): 2060
 TOC Method: TS

* Perforations subject to change

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #17
Well Location:
Calls 660' FNL, 1980' FWL
Unit C
Section 10
Township 8S
Range 30E

PROPOSED WELL CONSTRUCTION

Production Casing

Casing Size (in): 3 1/2
Casing Weight (ppf): 9.6
Setting Depth (ft): 3396
Amount Cement (sx): 400
Top of Cement (ft): Surface
TOC Method: Circulated

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3163

Perforations*

Top (ft): 3263
Bottom (ft): 3371

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): 3420
PBTD (ft): 3396

* Perforations subject to change

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

Perforations

Top (ft): 3263
Bottom (ft): 3371

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3420
Amount Cement (sx): 800
Top of Cement (ft): 105
TOC Method: Calculated

WELLBORE SCHEMATIC

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

PROPOSED WELL CONSTRUCTION

Tubing

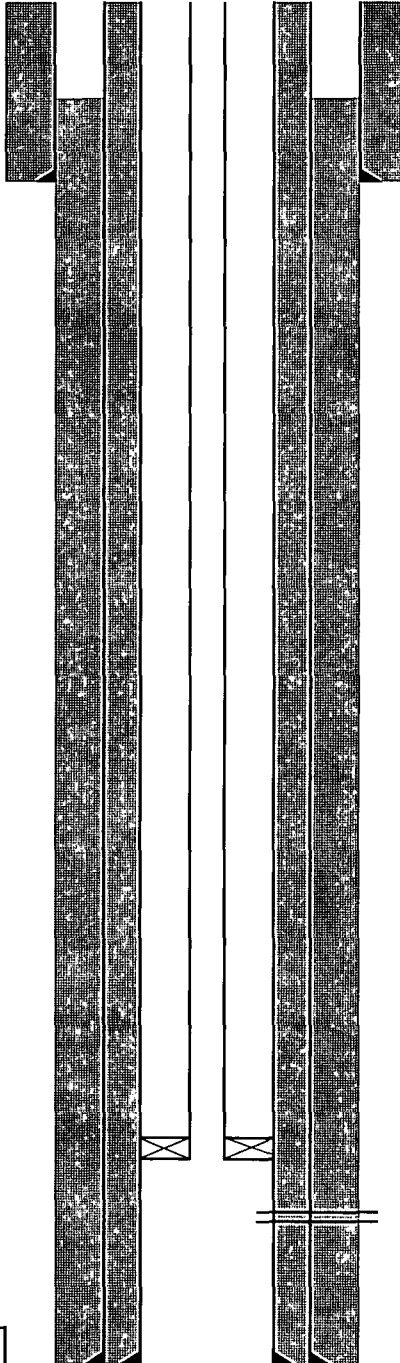
Tubing Size (in): 2 1/16
Tubing Weight (ppf): 3.25
Lining: Seal-tite

Packer

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

Notes

- (1) Injection interval is San Andres.
- (2) Injection will be through perforations.
- (3) Well originally completed as a producer and will be converted to injection service.
- (4) Prior perforations 3300 - 3414.
- (5) No other known productive intervals in area.



Total Depth (ft): 3548
PBD (ft): Unknown

CURRENT WELL CONSTRUCTION

Surface Casing

Hole Size (in): 11
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

Production Casing

Casing Size (in): 3 1/2
Casing Weight (ppf): 9.6
Setting Depth (ft): 3520
Amount Cement (sx): 400
Top of Cement (ft): Surface
TOC Method: Calculated

Perforations

Top (ft): 3314
Bottom (ft): 3478

Production Casing

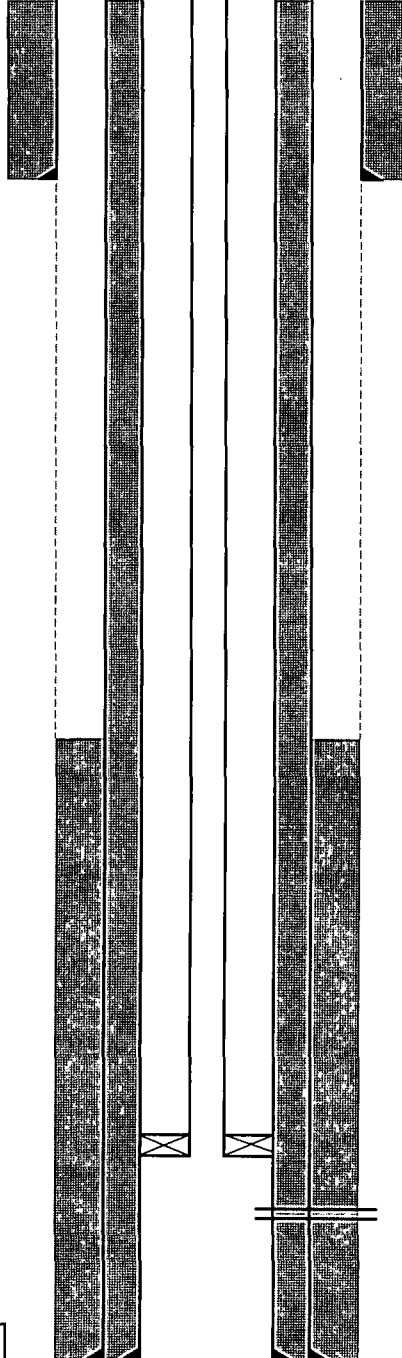
Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3548
Amount Cement (sx): 800
Top of Cement (ft): 233
TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #31
 Well Location:
 Calls 1980' FNL, 1980' FWL
 Unit F
 Section 10
 Township 8S
 Range 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 9.6
 Setting Depth (ft): 3431
 Amount Cement (sx): 400
 Top of Cement (ft): Surface
 TOC Method: Circulated

Tubing

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

Packer

Model: Baker AD-1
 Setting Depth (ft): 3180

Perforations*

Top (ft): 3280
 Bottom (ft): 3390

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): 3453
 PBTD (ft): 3431

* Perforations subject to change

Surface Casing

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

Perforations

Top (ft): 3280
 Bottom (ft): 3390

Production Casing

Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3453
 Amount Cement (sx): 300
 Top of Cement (ft): 2210
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #32
Well Location:
Calls: 1980' FNL, 660' FWL
Unit: E
Section: 10
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Production Casing

Casing Size (in): 3 1/2
Casing Weight (ppf): 9.6
Setting Depth (ft): 3388
Amount Cement (sx): 400
Top of Cement (ft): Surface
TOC Method: Circulated

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3161

Perforations*

Top (ft): 3261
Bottom (ft): 3380

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.

CURRENT WELL CONSTRUCTION

Surface Casing

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

Perforations

Top (ft): 3261
Bottom (ft): 3380

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3410
Amount Cement (sx): 800
Top of Cement (ft): 95
TOC Method: Calculated

Total Depth (ft): 3410
PBTD (ft): 3388

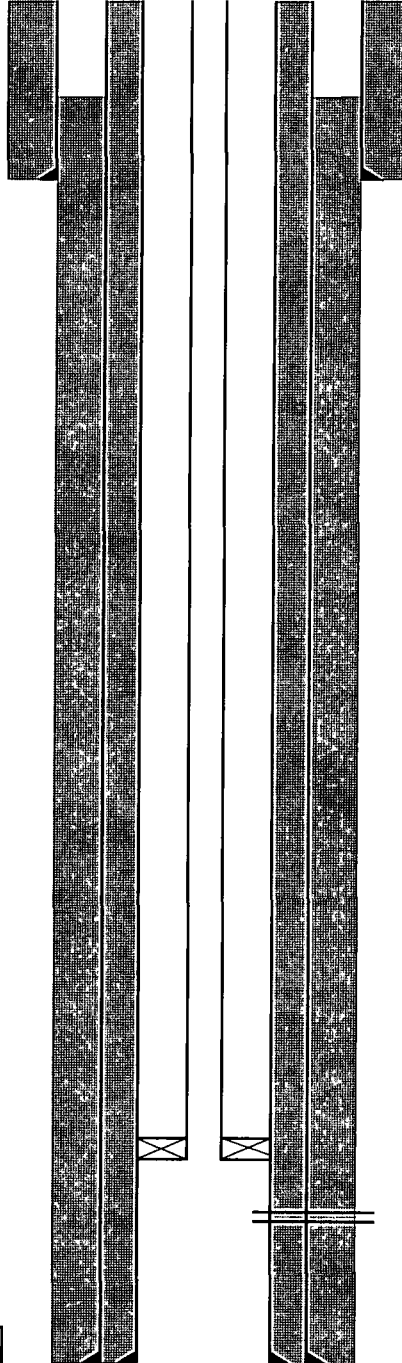
* Perforations subject to change

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #47
Well Location:
Calls 1980' FSL, 1980' FEL
Unit J
Section 10
Township 8S
Range 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
Casing Weight (ppf): 9.6
Setting Depth (ft): 3454
Amount Cement (sx): 400
Top of Cement (ft): Surface
TOC Method: Circulated

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3236

Perforations*

Top (ft): 3336
Bottom (ft): 3440

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.

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): 3336
Bottom (ft): 3440

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3480
Amount Cement (sx): 800
Top of Cement (ft): 165
TOC Method: Calculated

Total Depth (ft): 3480
PBSD (ft): 3454

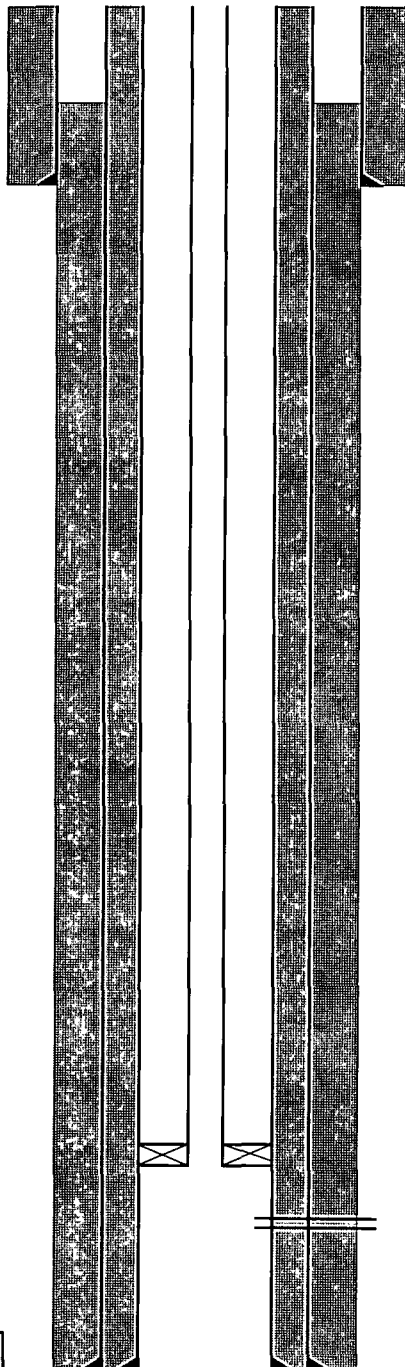
* Perforations subject to change

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #60
 Well Location:
 Calls: 660' FSL, 660' FWL
 Unit: M
 Section: 10
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 9.6
 Setting Depth (ft): 3370
 Amount Cement (sx): 400
 Top of Cement (ft): Surface
 TOC Method: Circulated

Tubing

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

Packer

Model: Baker AD-1
 Setting Depth (ft): 3203

Perforations*

Top (ft): 3303
 Bottom (ft): 3352

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) Prior perforations 3388 - 3430.
- (5) No other known productive intervals in area.

Total Depth (ft): 3492
 PBTD (ft): 3370

* Perforations subject to change

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

Perforations

Top (ft): 3303
 Bottom (ft): 3352

Production Casing

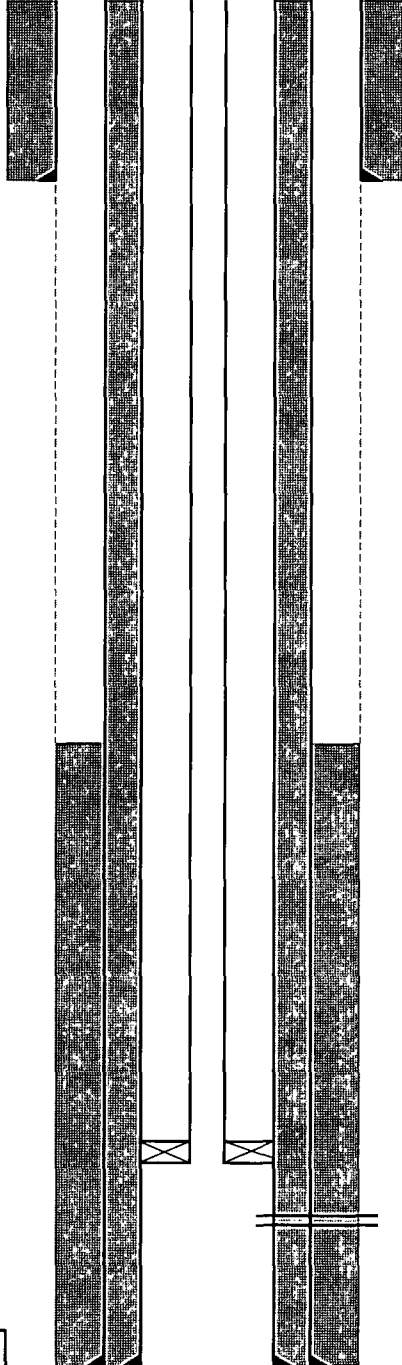
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3492
 Amount Cement (sx): 800
 Top of Cement (ft): 177
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #74
 Well Location:
 Calls: 660' FNL, 660' FWL
 Unit: D
 Section: 15
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 9.6
 Setting Depth (ft): 3523
 Amount Cement (sx): 400
 Top of Cement (ft): Surface
 TOC Method: Circulated

Tubing

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

Packer

Model: Baker AD-1
 Setting Depth (ft): 3243

Perforations*

Top (ft): 3343
 Bottom (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) Prior perforations 3440 - 3446.
- (5) No other known productive intervals in area.

Total Depth (ft): 3541
 PBTD (ft): 3523

* Perforations subject to change

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 28
 Setting Depth (ft): 517
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3343
 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): 3536
 Amount Cement (sx): 300
 Top of Cement (ft): 2400
 TOC Method: TS

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #75
Well Location:
Calls: 660' FNL, 1980' FWL
Unit: C
Section: 15
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Production Casing

Casing Size (in): 3 1/2
Casing Weight (ppf): 9.6
Setting Depth (ft): 3450
Amount Cement (sx): 400
Top of Cement (ft): Surface
TOC Method: Circulated

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3270

Perforations*

Top (ft): 3370
Bottom (ft): 3422

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) Prior perforations 3458 - 3497.
- (5) No other known productive intervals in area.

Total Depth (ft): 3530
PBTD (ft): 3450

* Perforations subject to change

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

Perforations

Top (ft): 3370
Bottom (ft): 3422

Production Casing

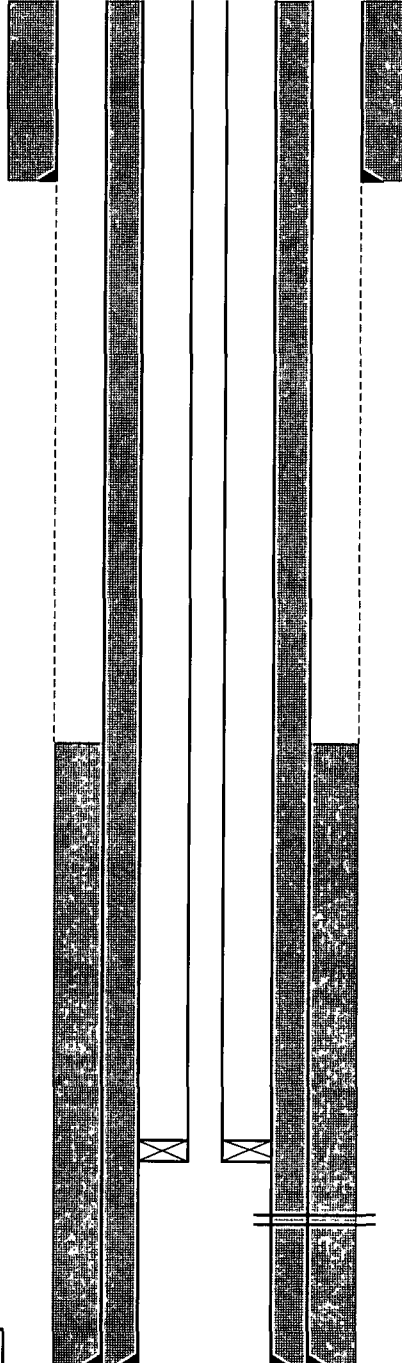
Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3530
Amount Cement (sx): 800
Top of Cement (ft): 215
TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #76
 Well Location:
 Calls: 660' FNL, 1980' FEL
 Unit: B
 Section: 15
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 9.6
 Setting Depth (ft): 3530
 Amount Cement (sx): 400
 Top of Cement (ft): Surface
 TOC Method: Circulated

Tubing

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

Packer

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

Perforations*

Top (ft): 3442
 Bottom (ft): 3512

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
 PBDT (ft): 3530

* Perforations subject to change

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 28
 Setting Depth (ft): 514
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3442
 Bottom (ft): 3512

Production Casing

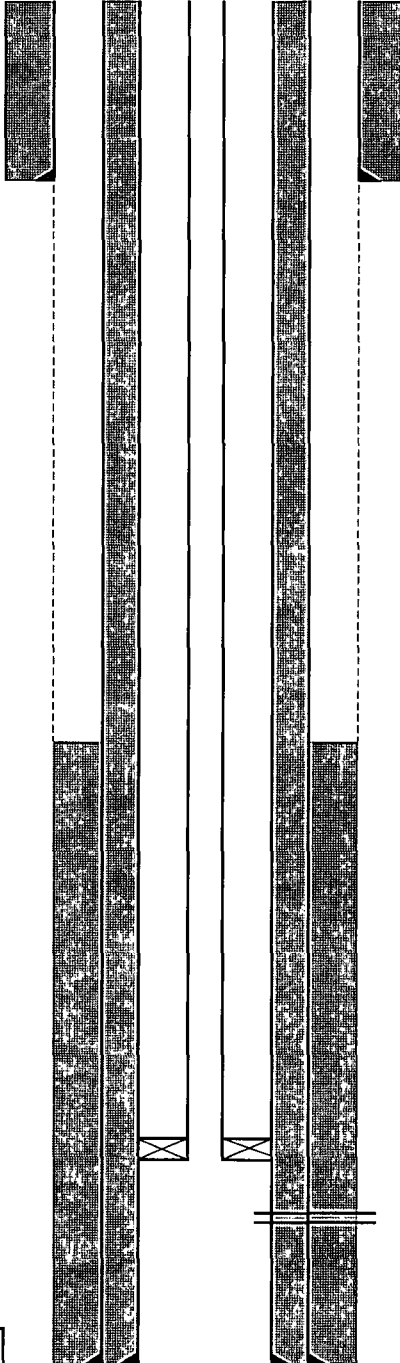
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3587
 Amount Cement (sx): 500
 Top of Cement (ft): 1980
 TOC Method: TS

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #89
 Well Location: 1980' FNL, 1980' FEL
 Calls: G
 Unit: 15
 Section: 85
 Township: 30E
 Range:

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 9.6
 Setting Depth (ft): 3530
 Amount Cement (sx): 400
 Top of Cement (ft): Surface
 TOC Method: Circulated

Tubing

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

Packer

Model: Baker AD-1
 Setting Depth (ft): 3292

Perforations*

Top (ft): 3392
 Bottom (ft): 3488

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
 PBDT (ft): 3530

* Perforations subject to change

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 28
 Setting Depth (ft): 519
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Calculated

Perforations

Top (ft): 3392
 Bottom (ft): 3488

Production Casing

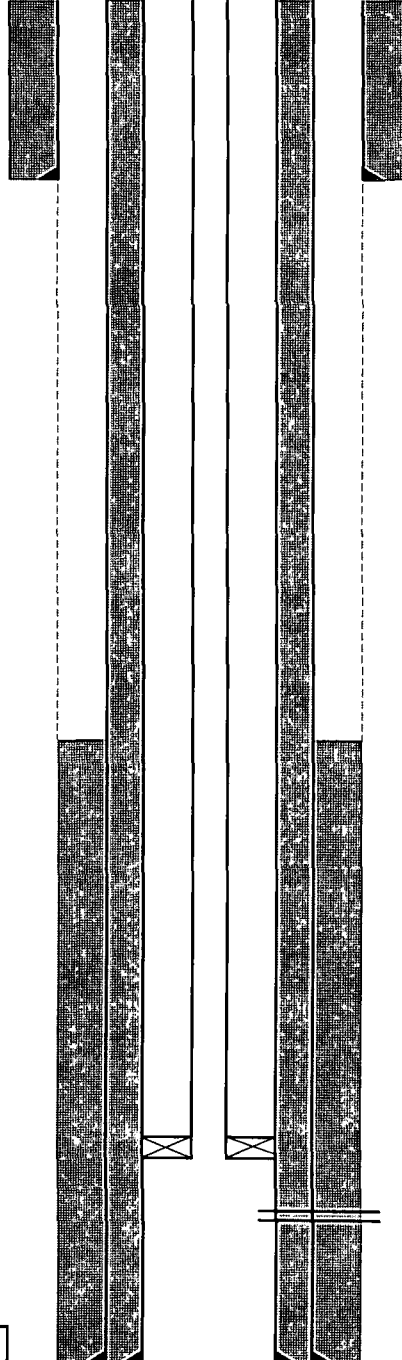
Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3558
 Amount Cement (sx): 500
 Top of Cement (ft): 1940
 TOC Method: TS

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #91
 Well Location: 1980' FNL, 660' FWL
 Calls: E
 Unit: 15
 Section: 8S
 Township: 30E
 Range:

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 9.6
 Setting Depth (ft): 3497
 Amount Cement (sx): 400
 Top of Cement (ft): Surface
 TOC Method: Circulated

Tubing

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

Packer

Model: Baker AD-1
 Setting Depth (ft): 3260

Perforations*

Top (ft): 3360
 Bottom (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): 3541
 PBTD (ft): 3497

Surface Casing

Hole Size (in): 12 1/4
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 28
 Setting Depth (ft): 523
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3360
 Bottom (ft): 3388

Production Casing

Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3533
 Amount Cement (sx): 300
 Top of Cement (ft): 2480
 TOC Method: TS

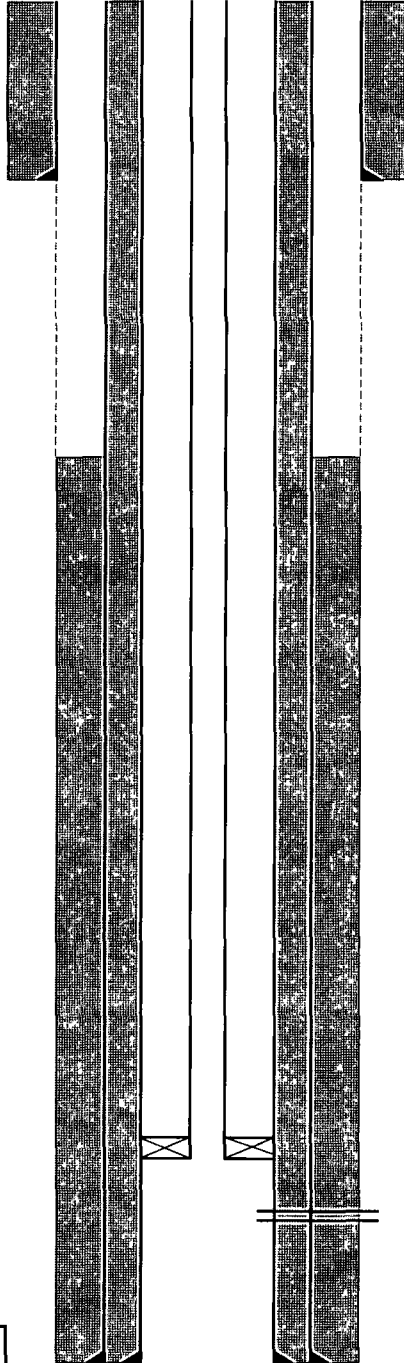
* Perforations subject to change

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #106
 Well Location:
 Calls: 1980' FSL, 660' FWL
 Unit: L
 Section: 15
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

CURRENT WELL CONSTRUCTION



Production Casing

Casing Size (in): 3 1/2
 Casing Weight (ppf): 9.6
 Setting Depth (ft): 3520
 Amount Cement (sx): 400
 Top of Cement (ft): Surface
 TOC Method: Circulated

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): 3515

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): 3555
 PBTD (ft): 3520

* Perforations subject to change

Surface Casing

Hole Size (in): 11
 Casing Size (in): 8 5/8
 Casing Weight (ppf): 24
 Setting Depth (ft): 455
 Amount Cement (sx): 300
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3386
 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): 3555
 Amount Cement (sx): 600
 Top of Cement (ft): 1069
 TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #108
Well Location: 1980' FSL, 1980' FEL
Calls: J
Unit: 15
Section: 8S
Township: 30E
Range:

PROPOSED WELL CONSTRUCTION

Production Casing

Casing Size (in): 3 1/2
Casing Weight (ppf): 9.6
Setting Depth (ft): 3538
Amount Cement (sx): 400
Top of Cement (ft): Surface
TOC Method: Circulated

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3318

Perforations*

Top (ft): 3418
Bottom (ft): 3506

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.

CURRENT WELL CONSTRUCTION

Surface Casing

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

Perforations

Top (ft): 3418
Bottom (ft): 3506

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): 275
Top of Cement (ft): 2600
TOC Method: TS

Total Depth (ft): 3600
PBTD (ft): 3538

* Perforations subject to change

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #120
Well Location:
Calls: 660' FSL, 1980' FWL
Unit: N
Section: 15
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Production Casing

Casing Size (in): 3 1/2
Casing Weight (ppf): 9.6
Setting Depth (ft): 3589
Amount Cement (sx): 400
Top of Cement (ft): Surface
TOC Method: Circulated

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3339

Perforations*

Top (ft): 3439
Bottom (ft): 3546

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.

CURRENT WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 319
Amount Cement (sx): 250
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): 3439
Bottom (ft): 3546

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): 300
Top of Cement (ft): 2375
TOC Method: Calculated

Total Depth (ft): 3618
PBTD (ft): 3589

* Perforations subject to change

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #400
Well Location:
Calls 660' FNL, 660' FWL
Unit D
Section 10
Township 8S
Range 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

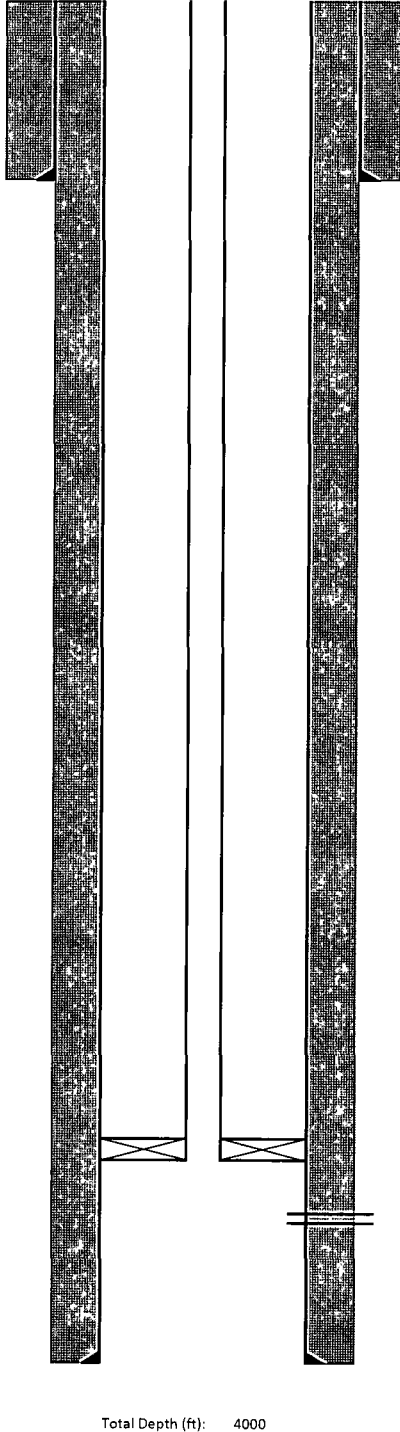
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #521
Well Location:
Calls 584' FNL, 607' FWL
Unit D
Section 12
Township 8S
Range 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

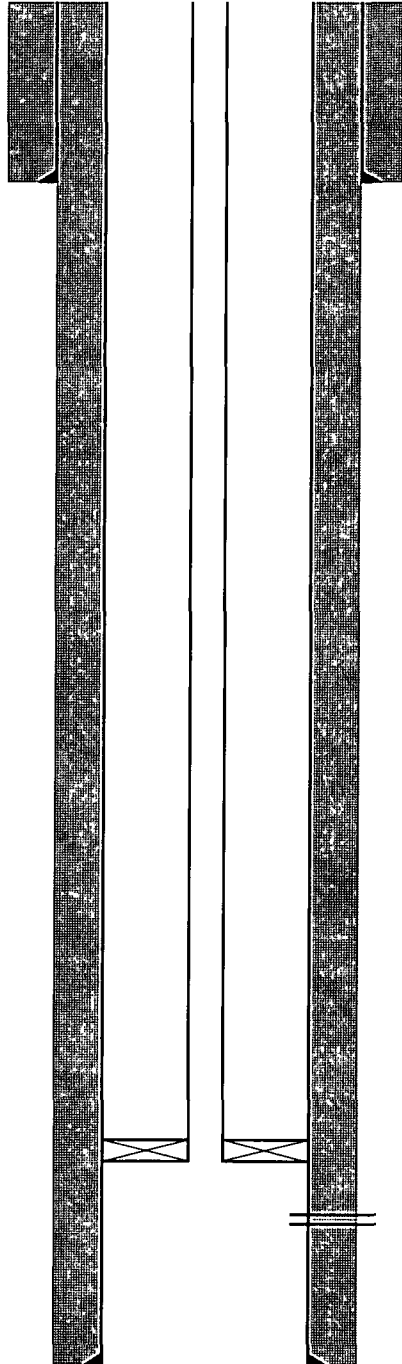
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #537
 Well Location:
 Calls: 1887' FSL, 650' FWL
 Unit: L
 Section: 12
 Township: 85
 Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

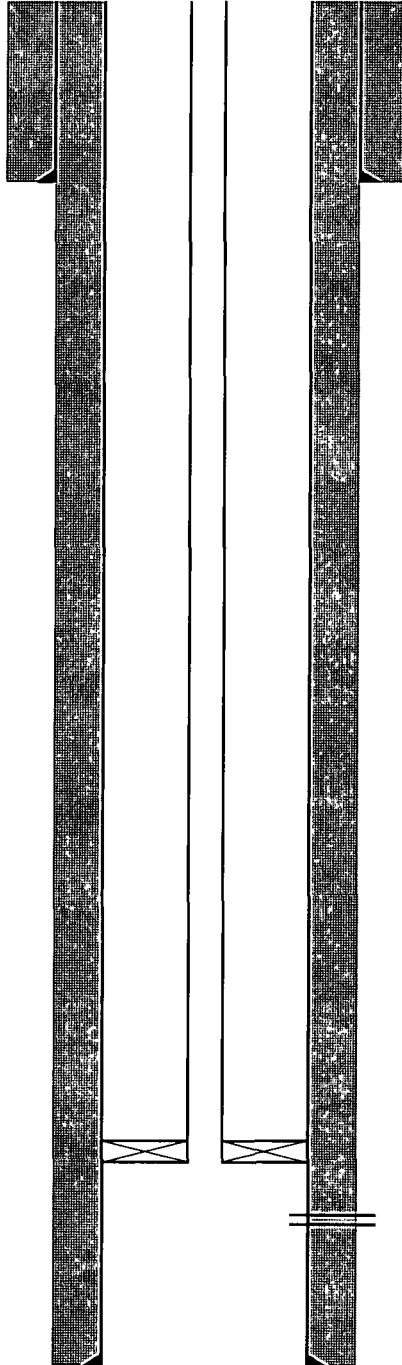
Model: Baker AD-1
 Setting Depth (ft): 3150

Perforations*

Top (ft): 3250
 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): 800
 Top of Cement (ft): 0
 TOC Method: Circulated



Total Depth (ft): 4000

CURRENT WELL CONSTRUCTION

*11
but also AP 12,*

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.

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #590
Well Location:
Calls: 2030' FSL, 345' FWL
Unit: L
Section: 13
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

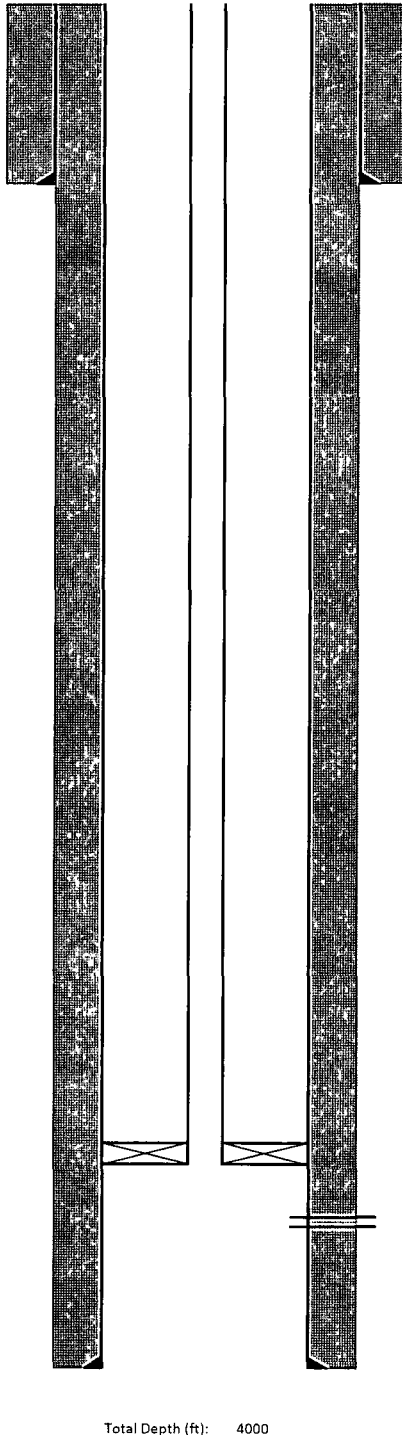
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #818
Well Location: 689' FNL, 2026' FEL
Calls: B
Unit: 10
Section: 8S
Township: 30E
Range:

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

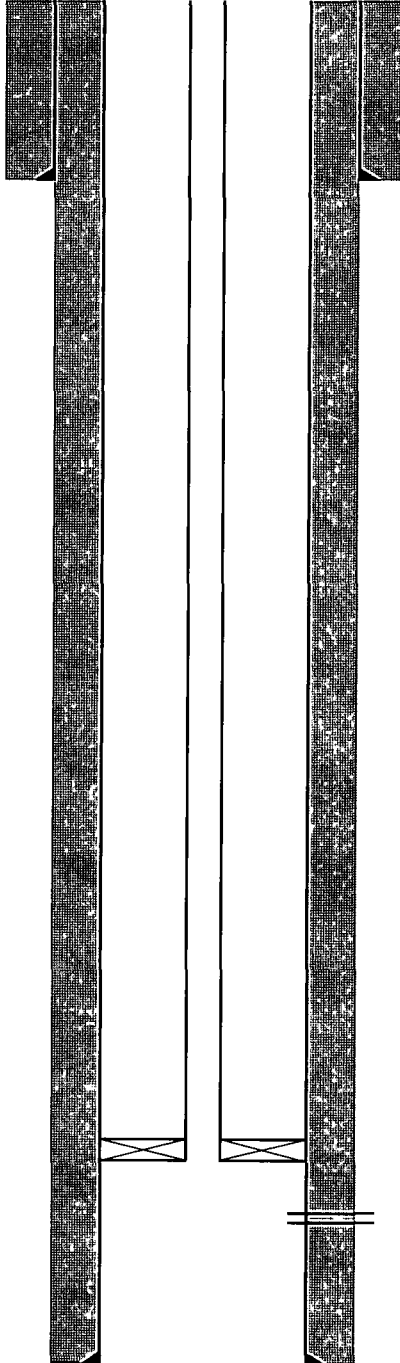
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #825
Well Location: 2060' FNL, 745' FEL
Calls
Unit H
Section 11
Township 8S
Range 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

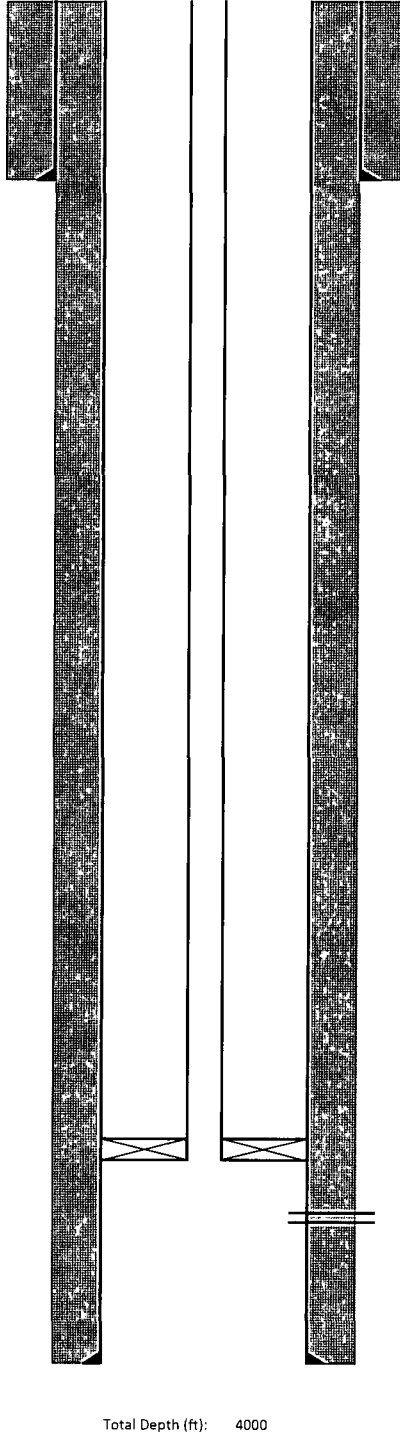
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #829
Well Location:
Calls 2027' FNL, 704' FEL
Unit H
Section 10
Township 8S
Range 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

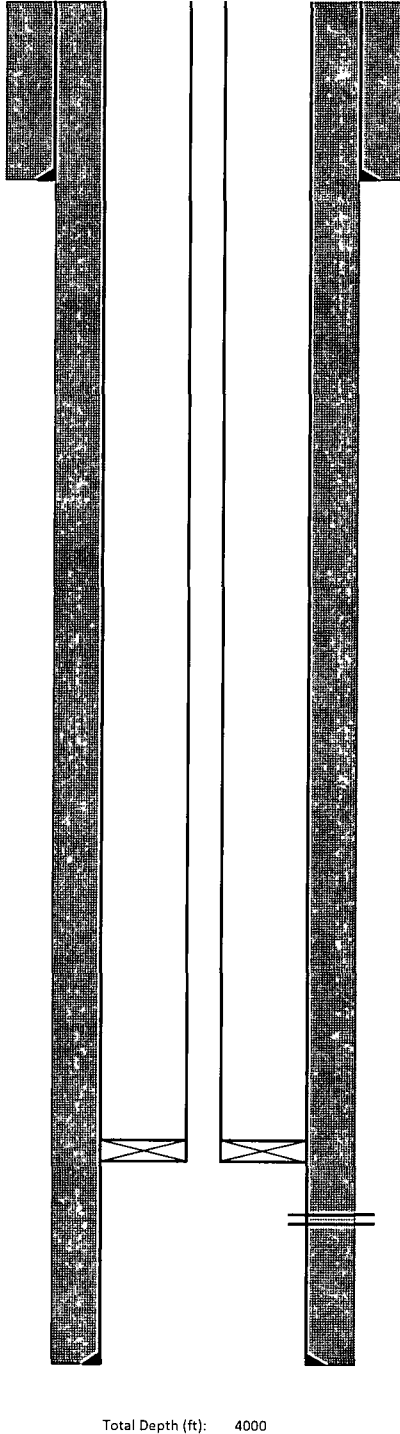
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Notes

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

* Perforations shall be confined to unitized interval

Operator:	Cano Petro of New Mexico, Inc.
Well Name:	CSAU #845
Well Location:	
Calls	1661' FSL, 607' FWL
Unit	L
Section	10
Township	8S
Range	30E

CURRENT WELL CONSTRUCTION

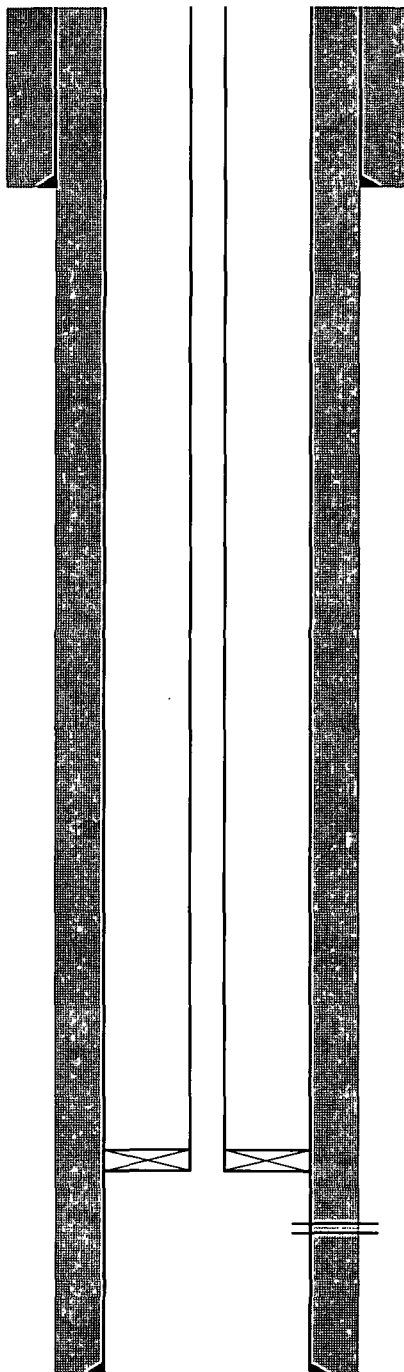
Hole Size (in):	12 1/4
Casing Size (in):	8 5/8
Casing Weight (ppf):	24
Setting Depth (ft):	500
Amount Cement (sx):	350
Top of Cement (ft):	Surface
TOC Method:	Circulated

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

Model: Baker AD-1
Setting Depth (ft): 3150

Top (ft): 3250
Bottom (ft): 3950

Hole Size (in):	7 7/8
Casing Size (in):	5 1/2
Casing Weight (ppf):	17
Setting Depth (ft):	4000
Amount Cement (sx):	800
Top of Cement (ft):	0
TOC Method:	Circulated



Total Depth (ft): 4000

- (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.

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #846
Well Location:
Calls: 1977' FSL, 1929' FWL
Unit: K
Section: 10
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

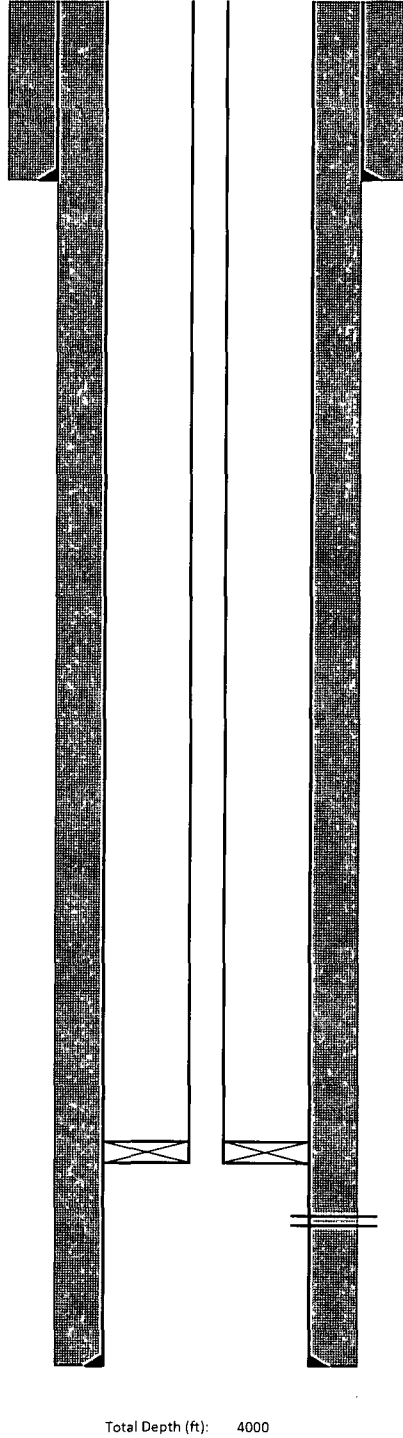
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #852
Well Location: 604' FSL, 569' FWL
Calls: M
Unit: 12
Section: 8S
Township: 30E
Range:

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

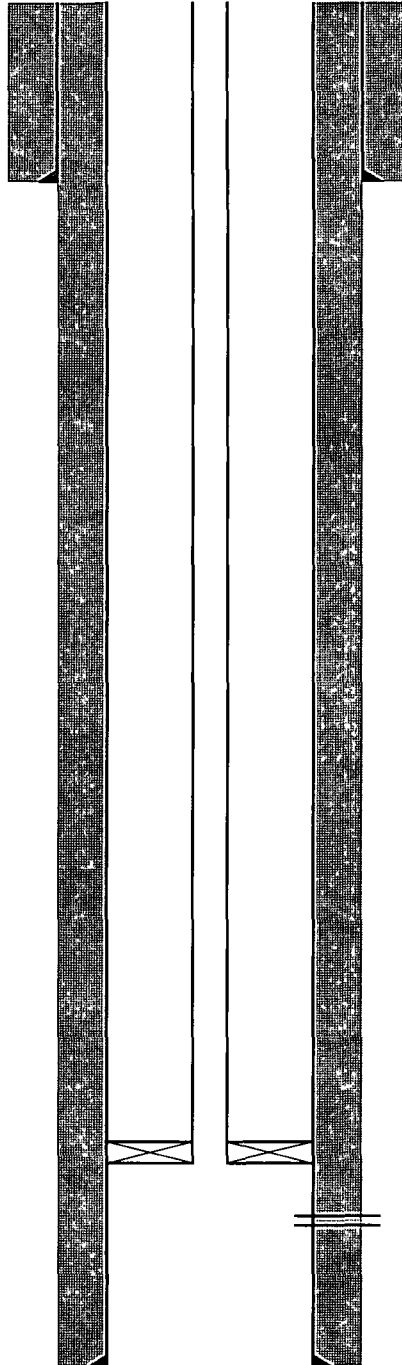
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #853
Well Location:
Calls 729' FSL, 651' FEL
Unit P
Section 11
Township 8S
Range 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

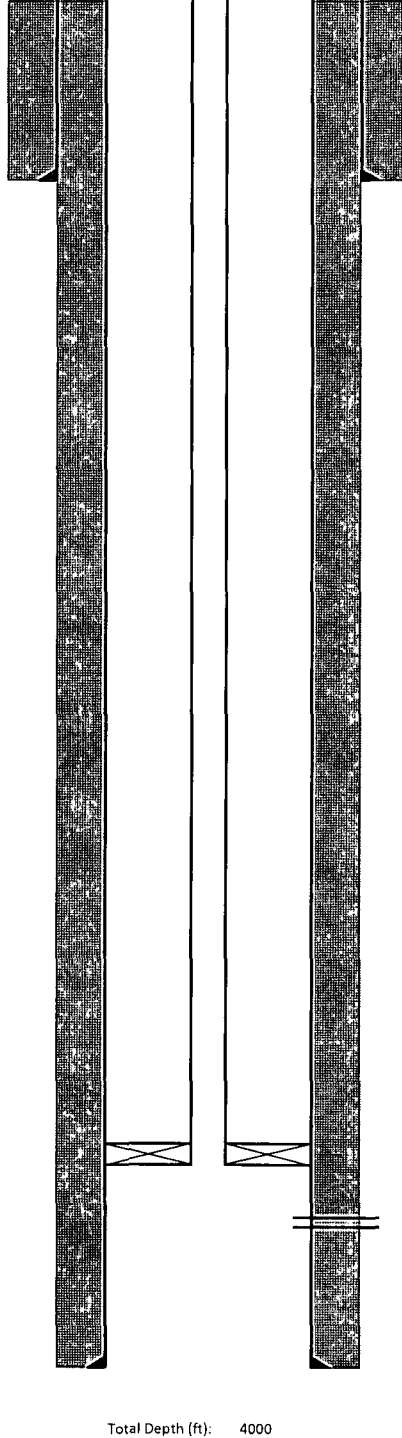
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #855
Well Location:
Calls: 585' FSL, 1896' FWL
Unit: N
Section: 11
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

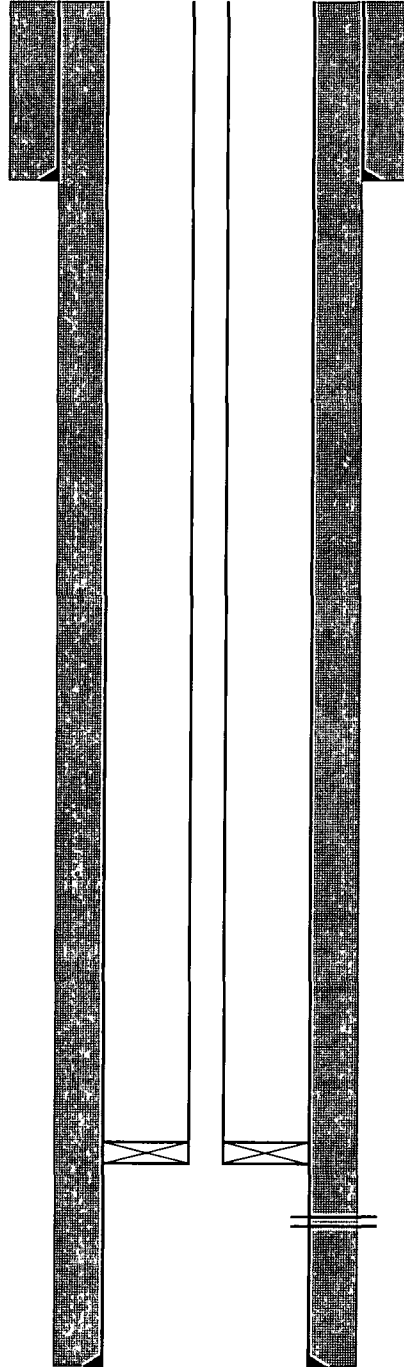
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
 Well Name: CSAU #858
 Well Location:
 Calls: 638' FSL, 2019' FEL
 Unit: O
 Section: 10
 Township: 8S
 Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
 Setting Depth (ft): 3150

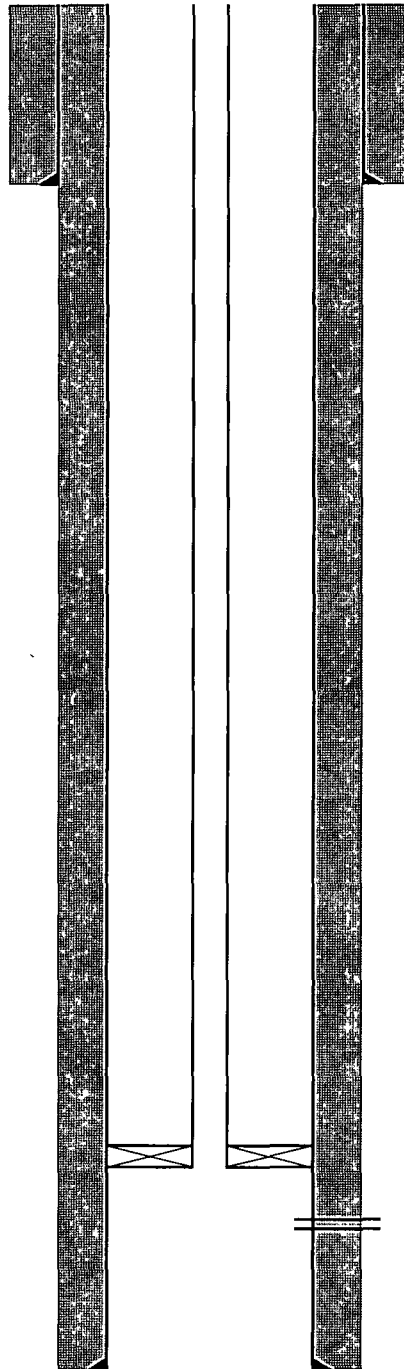
Perforations*

Top (ft): 3250
 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): 800
 Top of Cement (ft): 0
 TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #859
Well Location: 658' FSL, 1923' FWL
Calls: N
Unit: 10
Section: 8S
Township: 30E
Range:

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

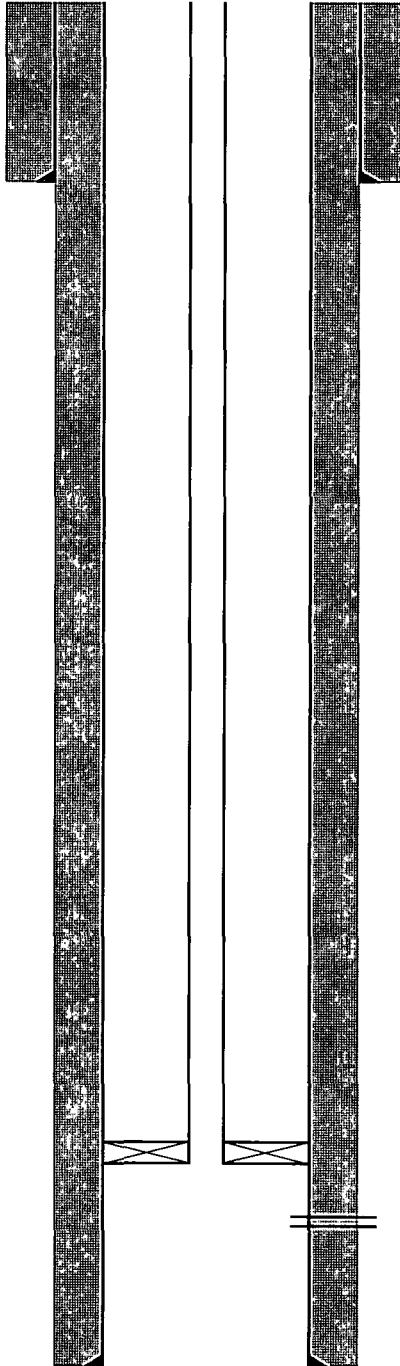
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #880
Well Location:
Calls: 735' FNL, 2050' FEL
Unit: B
Section: 14
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

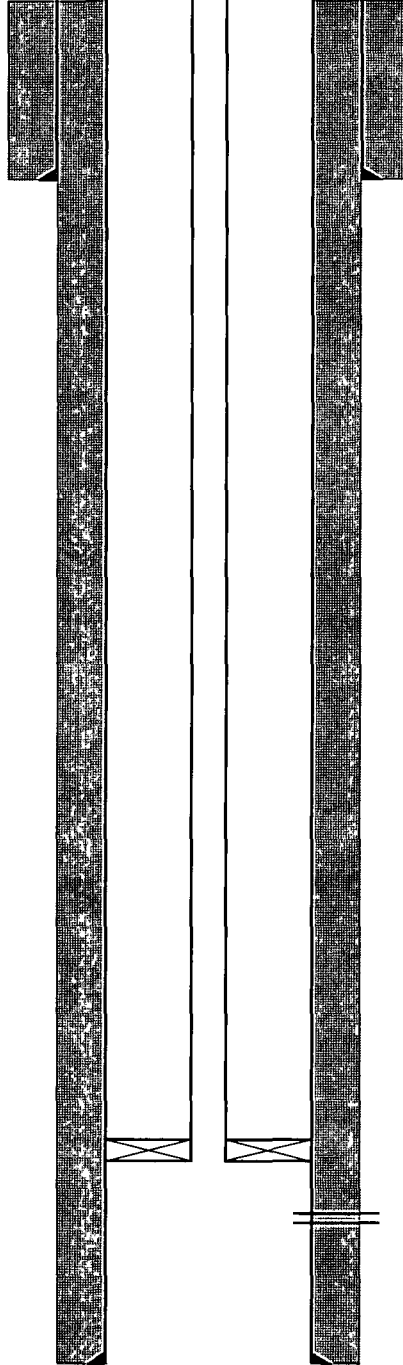
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #881
Well Location: 760' FNL, 735' FEL
Calls: A
Unit: 14
Section: 8S
Township: 30E
Range:

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

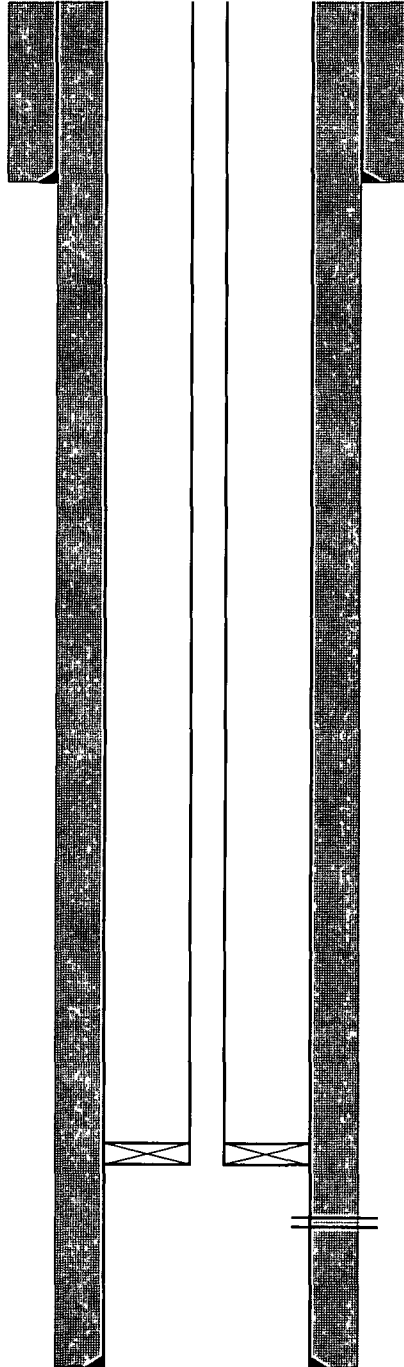
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #882
Well Location: 432' FNL, 293' FWL
Calls: D
Unit: 13
Section: 8S
Township: 30E
Range:

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

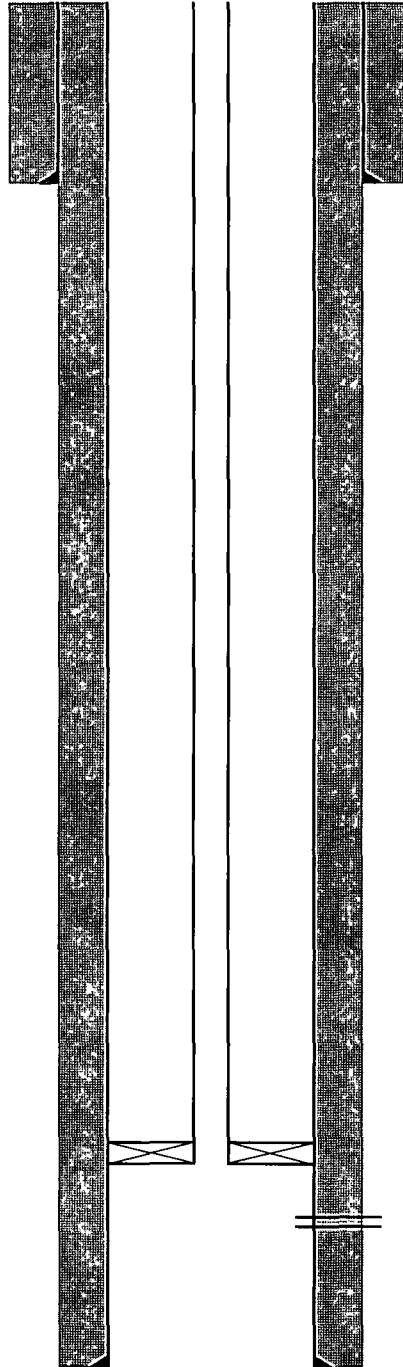
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #883
Well Location:
Calls: 2077' FNL, 629' FWL
Unit: E
Section: 13
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

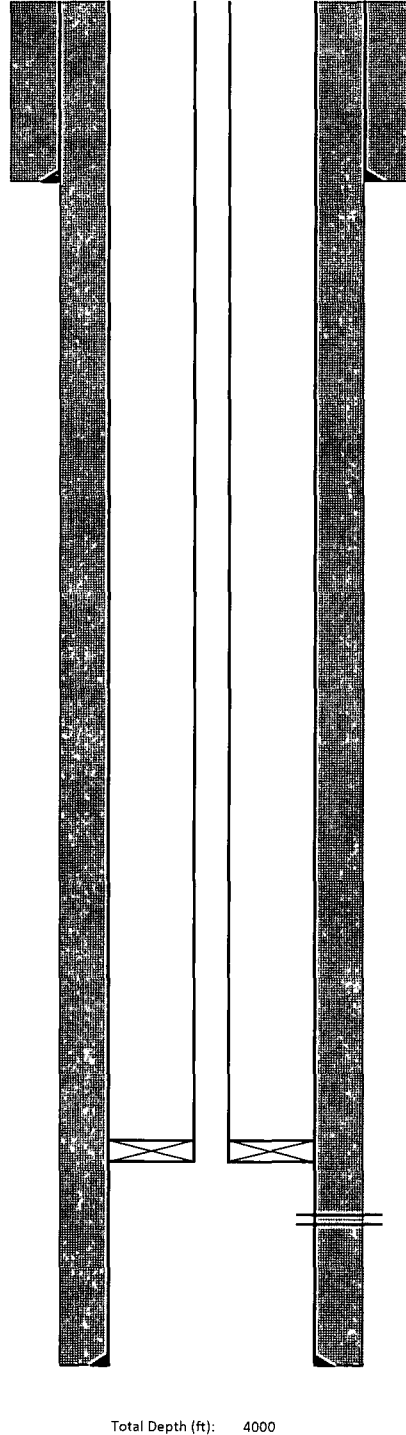
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #890
Well Location:
Calls 1994' FNL, 1915' FWL
Unit F
Section 15
Township 8S
Range 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

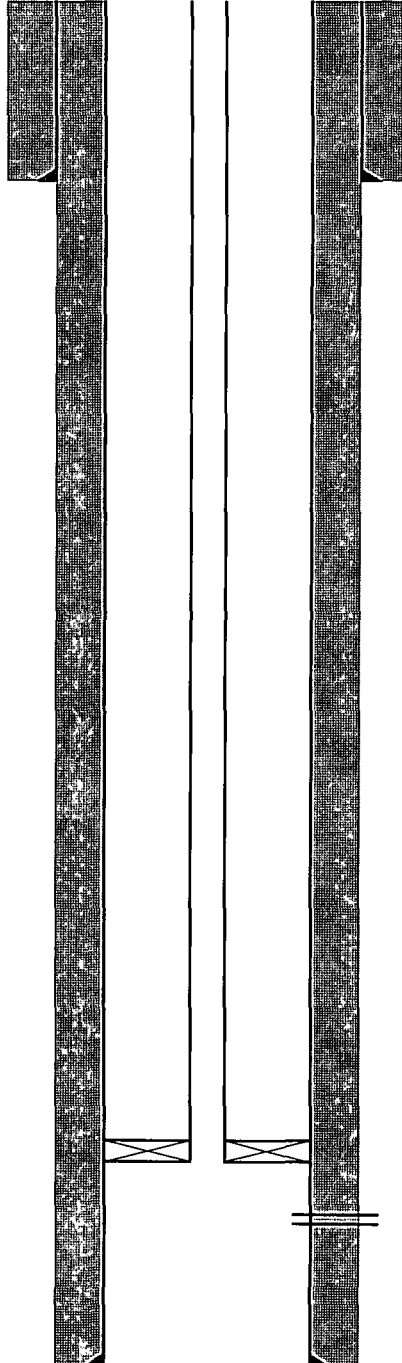
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

Operator:	Cano Petro of New Mexico, Inc.
Well Name:	CSAU #907
Well Location:	
Calls	2021' FSL, 1926' FWL
Unit	K
Section	15
Township	8S
Range	30E

CURRENT WELL CONSTRUCTION

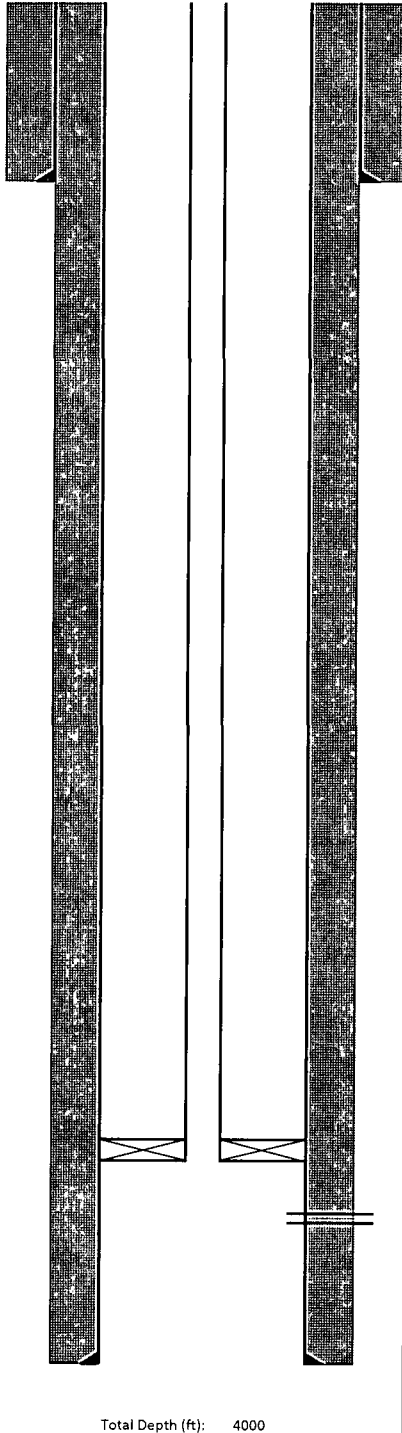
Hole Size (in):	12 1/4
Casing Size (in):	8 5/8
Casing Weight (ppf):	24
Setting Depth (ft):	500
Amount Cement (sx):	350
Top of Cement (ft):	Surface
TOC Method:	Circulated

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

Model: Baker AD-1
Setting Depth (ft): 3150

Top (ft):	3250
Bottom (ft):	3950

Hole Size (in):	7 7/8
Casing Size (in):	5 1/2
Casing Weight (ppf):	17
Setting Depth (ft):	4000
Amount Cement (sx):	800
Top of Cement (ft):	0
TOC Method:	Circulated



- (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.

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #910
Well Location:
Calls: 2017' FSL, 639' FWL
Unit: L
Section: 14
Township: 85
Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

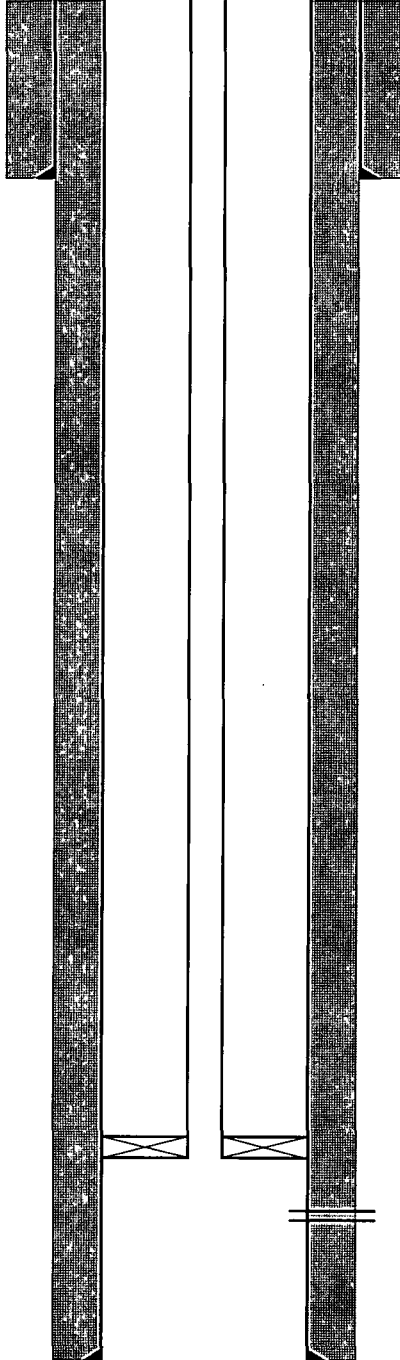
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #912
Well Location:
Calls: 1990' FSL, 2044' FEL
Unit: J
Section: 14
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

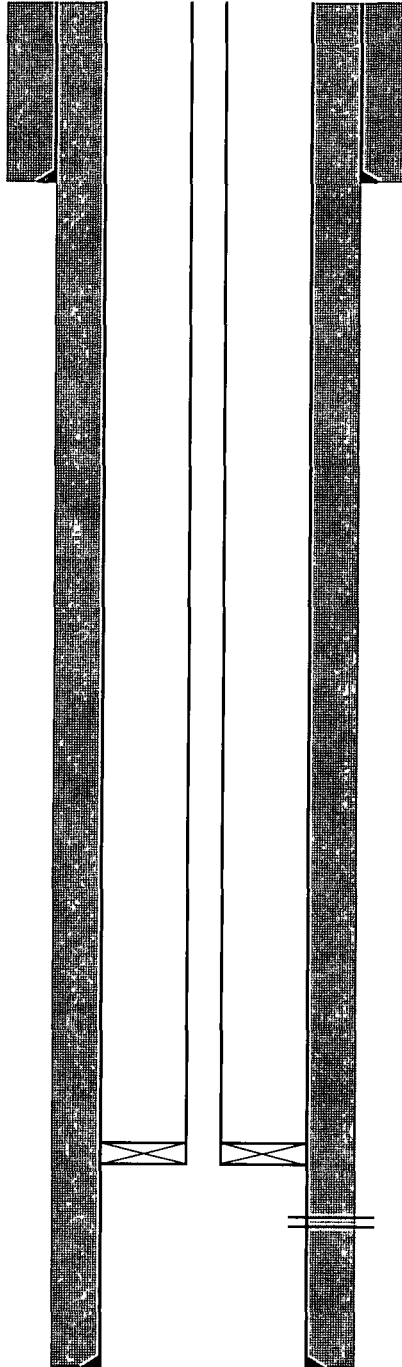
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #913
Well Location:
Calls 1990' FSL, 732' FEL
Unit I
Section 14
Township 8S
Range 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

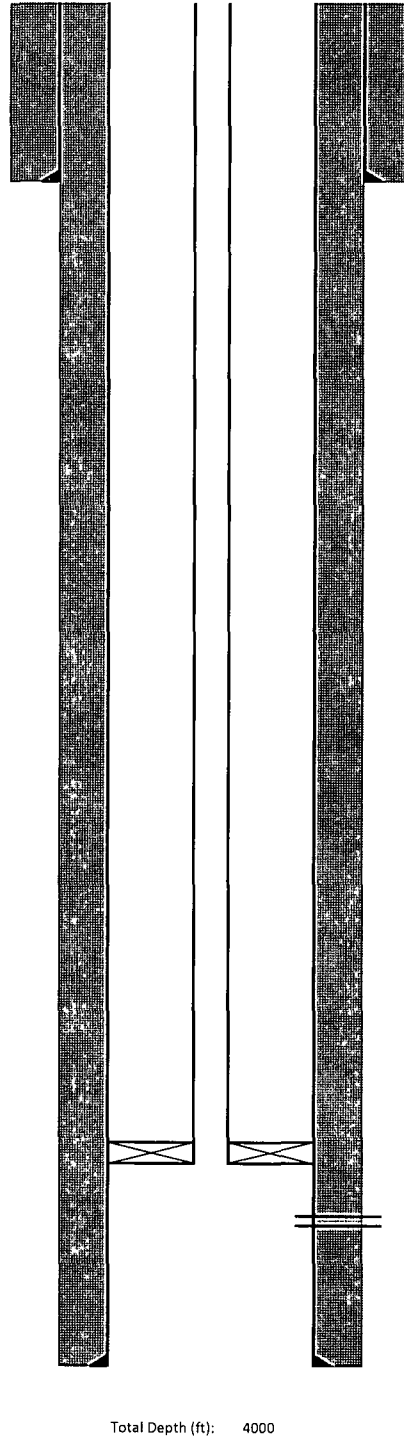
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #914
Well Location:
Calls: 661' FSL, 688' FEL
Unit: P
Section: 14
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

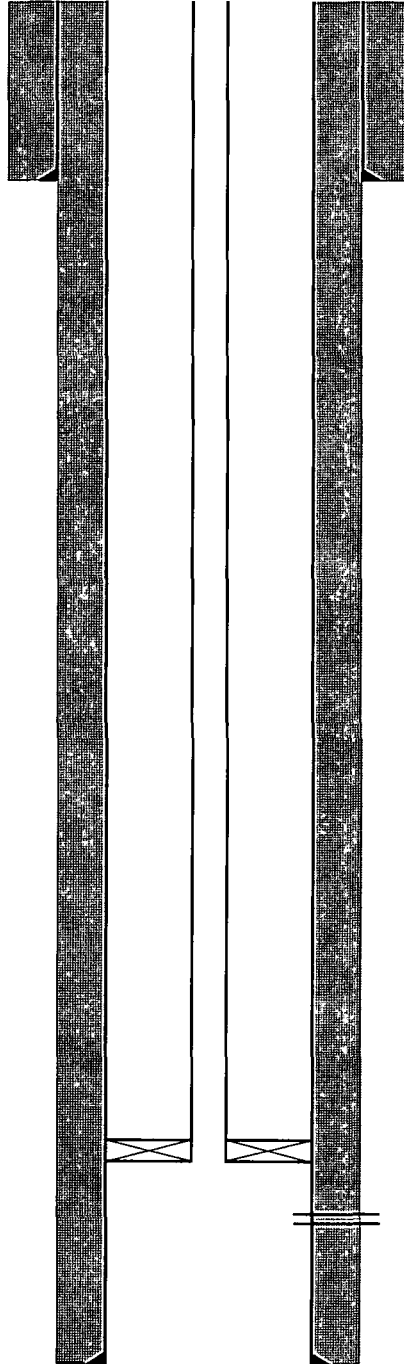
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #916
Well Location: 688' FSL, 1951' FWL
Calls: N
Unit: 14
Section: 8S
Township: 30E
Range:

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

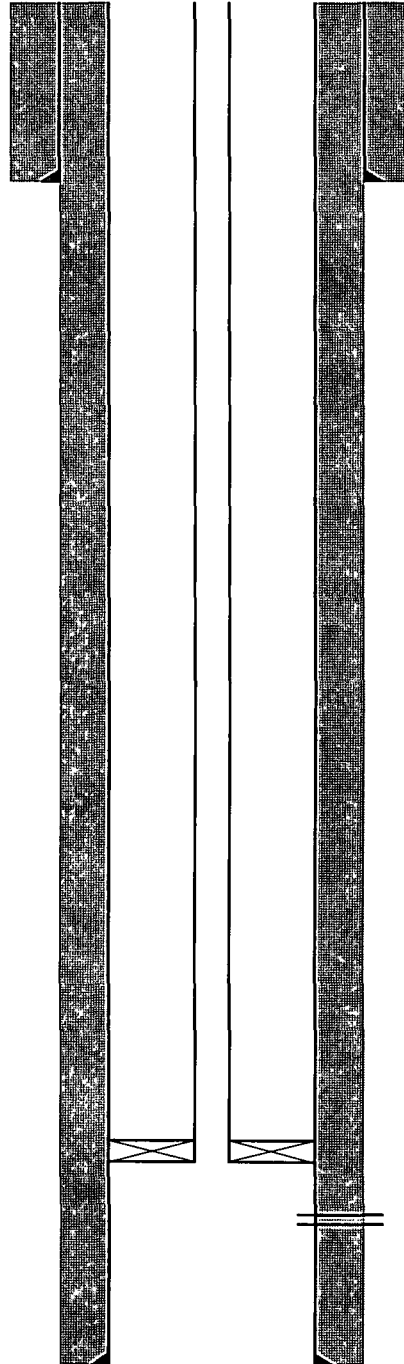
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #917
Well Location: 705' FSL, 645' FWL
Calls: M
Unit: 14
Section: 8S
Township: 30E
Range:

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

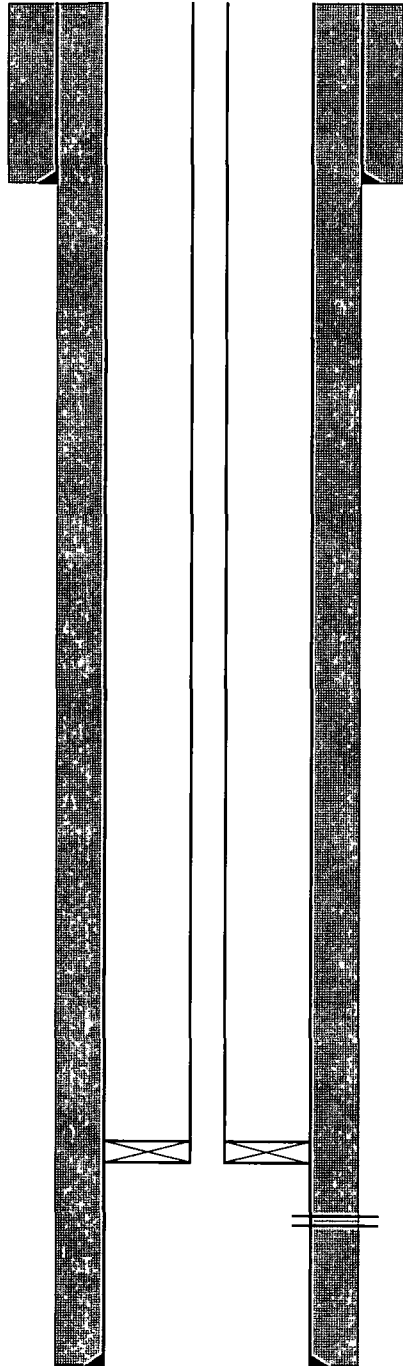
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

WELLBORE SCHEMATIC

Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #919
Well Location:
Calls: 703' FNL, 1992' FEL
Unit: O
Section: 15
Township: 8S
Range: 30E

PROPOSED WELL CONSTRUCTION

Surface Casing

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

Tubing

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

Packer

Model: Baker AD-1
Setting Depth (ft): 3150

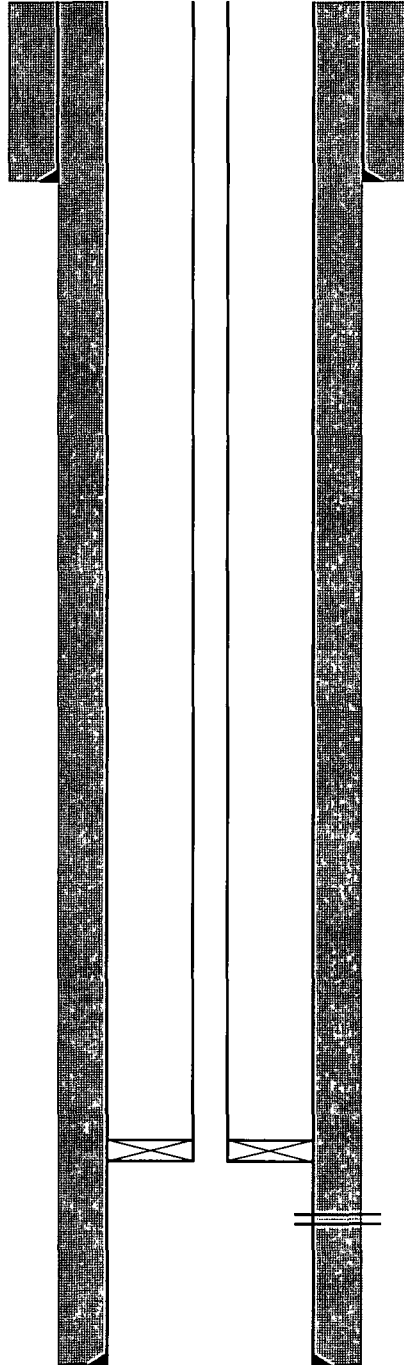
Perforations*

Top (ft): 3250
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): 800
Top of Cement (ft): 0
TOC Method: Circulated

CURRENT WELL CONSTRUCTION



Total Depth (ft): 4000

Notes

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

* Perforations shall be confined to unitized interval

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

Item IV

WELLBORE SCHEMATICS
PLUGGED WELLS IN AREA OF REVIEW

20

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 8S
Range 30E



PLUGGING DETAILS

10 sx cmt plug @ surface

30 sx cmt plug 400 - 500

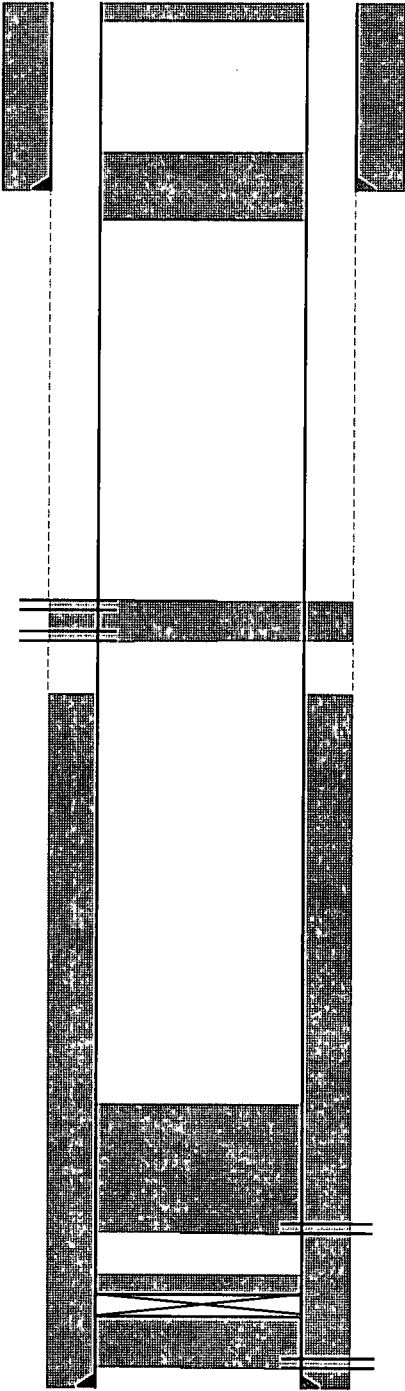
perforated 4 1/2 casing @ 1357

25 sx cmt plug @ 1357-1488

perforated 4 1/2 casing @ 1488

15 sx cmt plug 3330 - 3550

CICR @ 3555
squeezed w/ 150 sx
capped w/ 5 ft 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: Baskett # 1
Well Location:
Calls 1980' FSL, 1980' FWL
Unit K
Section 11
Township 8S
Range 30E

PLUGGING DETAILS

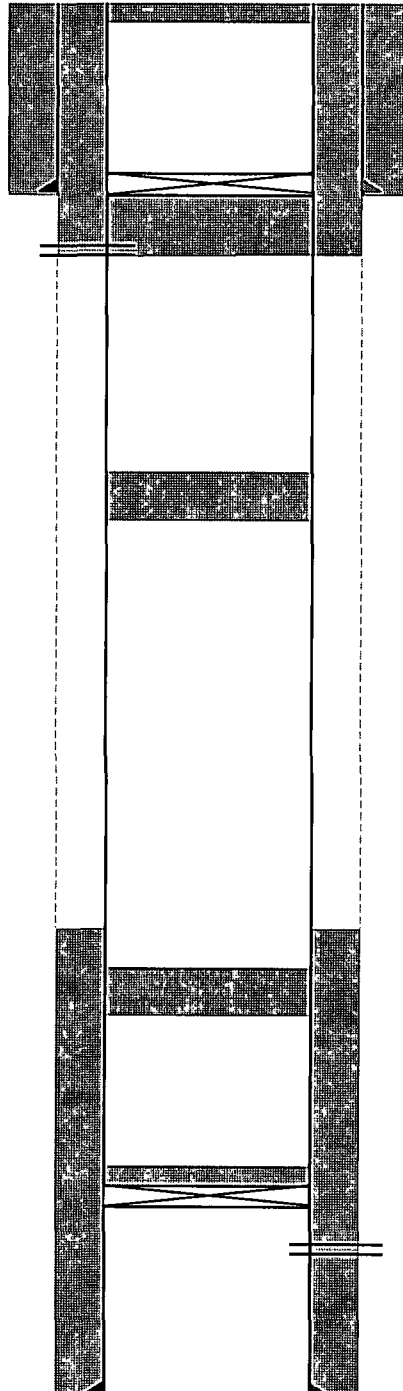
10 sx cmt plug at surface

CICR @ 505
perforated 4 1/2 casing @ 565
squeezed w/ 200 sx
cmt circulated to surface

cmt plug 1050 - 1150

40 sx cmt plug 2350 - 2450

CIBP @ 3400
capped w/ 35 ft 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: TS

WELLBORE SCHEMATIC

Operator: BP America Production Company
 Well Name: Cato #1
 Well Location:
 Calls: 660' FSL, 660' FWL
 Unit: M
 Section: 3
 Township: 8S
 Range: 30E



PLUGGING DETAILS

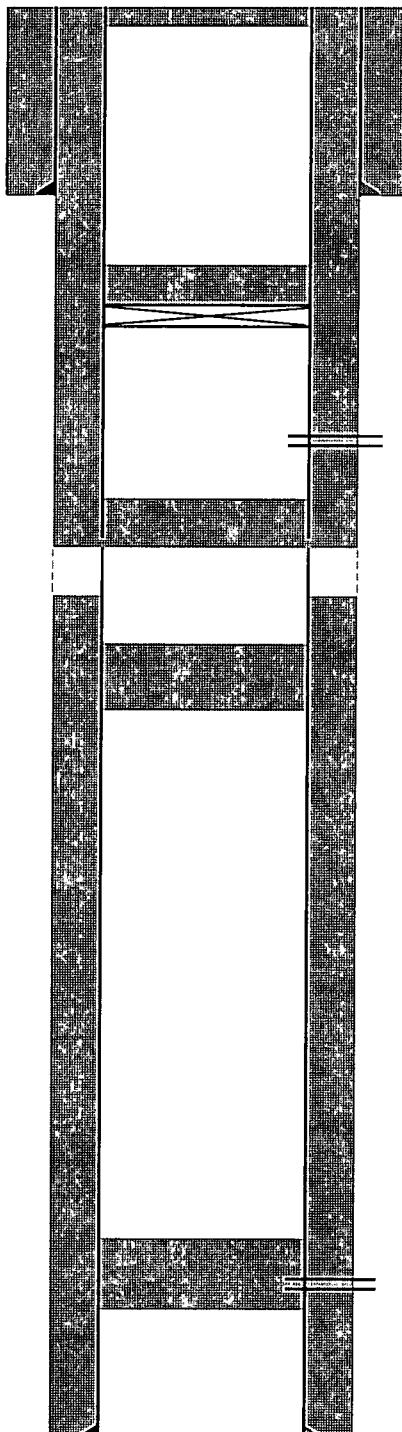
cmt plug surface - 10

cmt plug 900 - 950
 CIBP @ 950

cut 4 1/2 casing @ 1260
 lifted 8 ft & squeezed w/ 425 sx
 cmt circulated to surface
 TOC inside 4 1/2 casing unknown

20 sx cmt plug 1350 - 1700

25 sx cmt plug 3100 - 3373



Total Depth (ft): 3402

ORIGINAL 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

Perforations

Top (ft): 1005
 Bottom (ft): 1035

 Top (ft): 3252
 Bottom (ft): 3363

Production Casing

Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3402
 Amount Cement (sx): 800
 Top of Cement (ft): Unknown
 TOC Method: -----

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

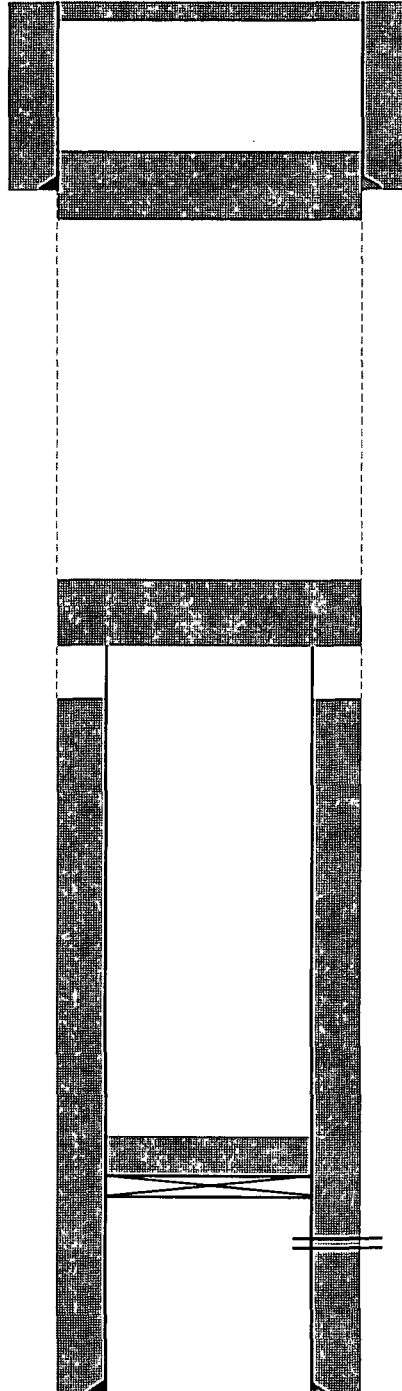
10 sx cmt plug @ surface

80 sx cmt plug 271 - 471

100 sx cmt plug 1778 - 1998

cut & pulled 5 1/2 casing @ 1998

CIBP @ 3360
capped w/ 35 ft 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 to 727

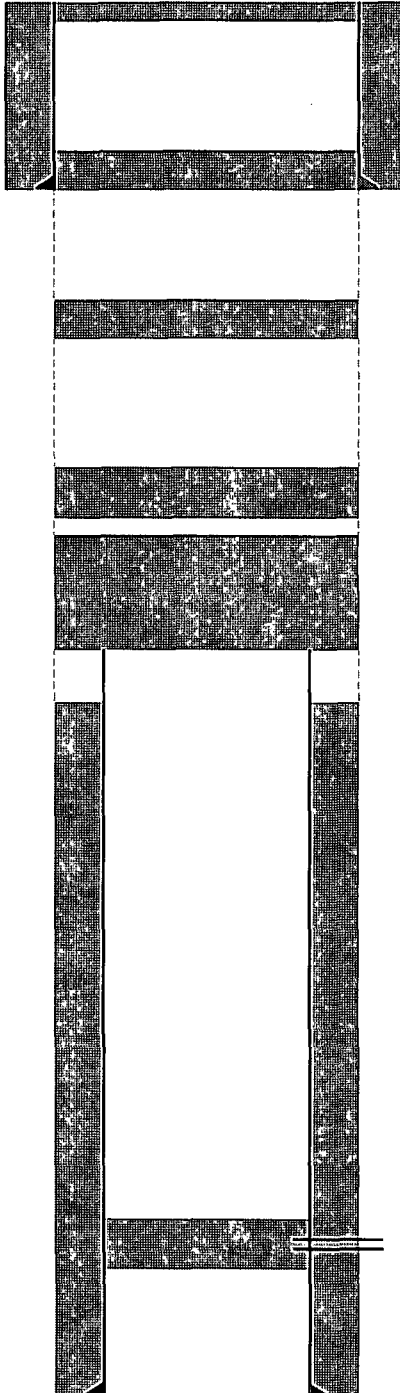
25 sx cmt plug to 1100

25 sx cmt plug 1650 - 1750

25 sx cmt plug to 2400

cut & pulled 4 1/2 casing @ 2400

25 sx 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: R. H. Fulton
Well Name: Crosby #1
Well Location:
Calls 1980' FNL, 1980' FEL
Unit G
Section 3
Township 8S
Range 30E

PLUGGING DETAILS

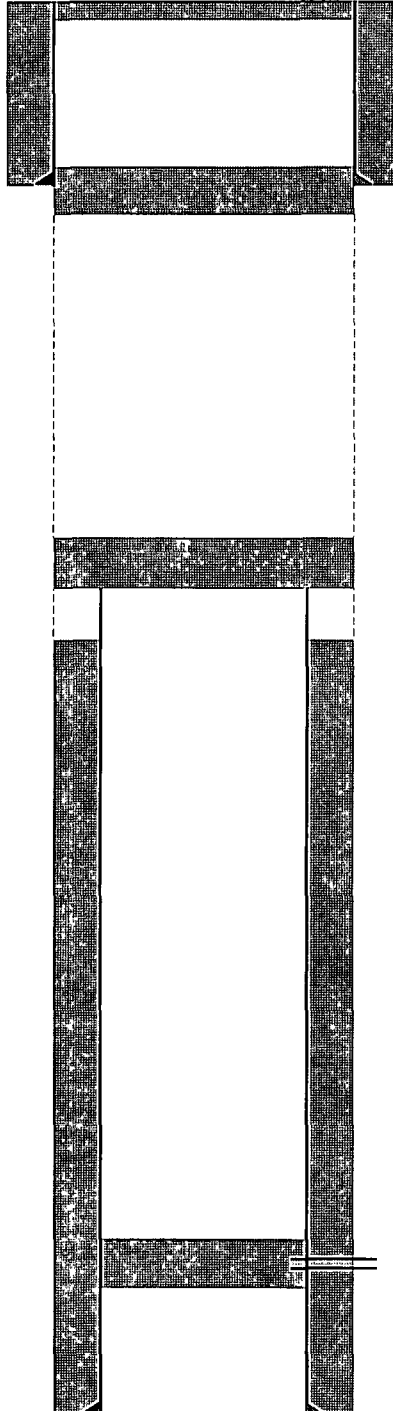
10 sx cmt plug @ surface

25 sx cmt plug to 340

cut & pulled 4 1/2 casing @ 2400

25 sx cmt plug to 2400

25 sx cmt plug to 3383



Total Depth (ft): 3480

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 332
Amount Cement (sx): 250
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): 3306
Bottom (ft): 3383

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3480
Amount Cement (sx): 200
Top of Cement (ft): 2651
TOC Method: Calculated

WELLBORE SCHEMATIC

Operator: Pan American Petroleum Corporation
Well Name: Crosby "E" #2
Well Location:
Calls 1980' FSL, 660' FWL
Unit L
Section 10
Township 8S
Range 30E



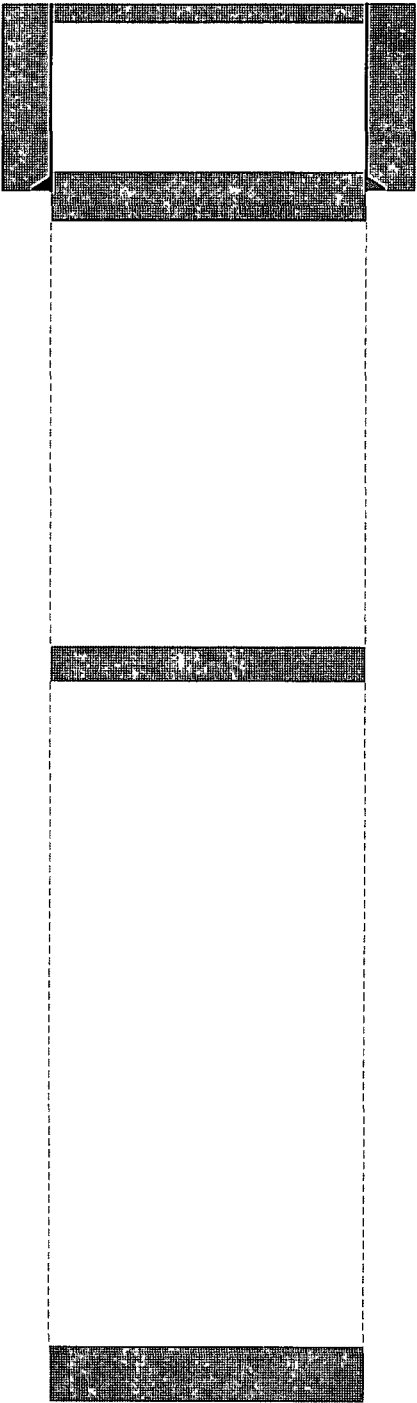
PLUGGING DETAILS

10 sx cmt plug @ surface

50 sx cmt plug to 338

25 sx cmt plug to 1000

50 sx cmt plug to 1491



Total Depth (ft): 1493

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 288
Amount Cement (sx): 250
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): -----
Bottom (ft): -----

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): -----
Casing Weight (ppf): -----
Setting Depth (ft): -----
Amount Cement (sx): -----
Top of Cement (ft): -----
TOC Method: -----

WELLBORE SCHEMATIC



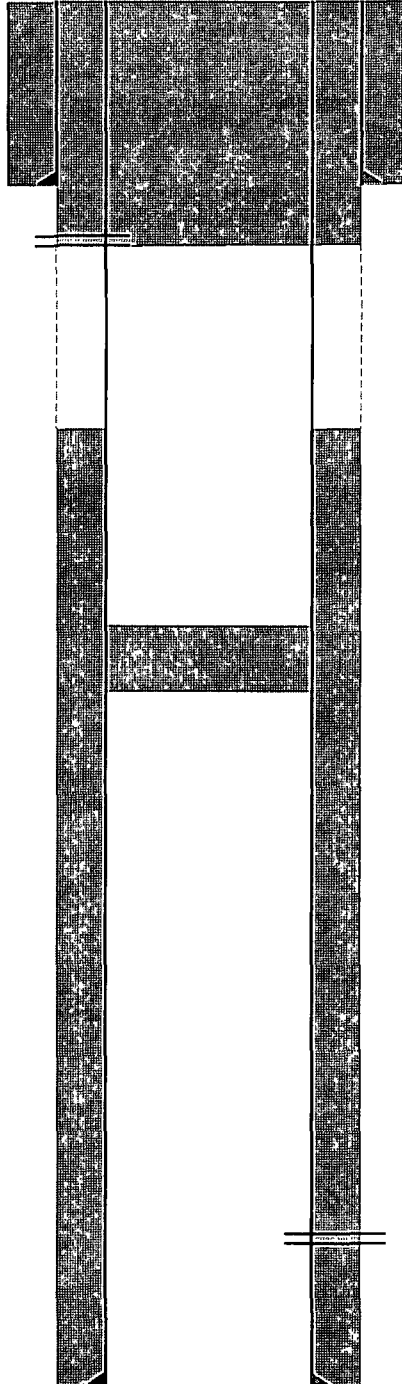
Operator: United Heritage New Mexico Corp.
Well Name: CSAU # 4
Well Location:
Calls 1980' FSL, 660' FEL
Unit I
Section 3
Township 8S
Range 30E

PLUGGING DETAILS

10 sx cmt plug surface - 50

perforated 4 1/2 casing @ 494
squeezed w/ 135 sx
cmt circulated to surface
TOC inside 4 1/2 casing @ 50

25 sx 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: 660' FNL, 1980' FEL
 Calls: 8
 Unit: 10
 Section: 85
 Township: 30E
 Range: 30E

PLUGGING DETAILS

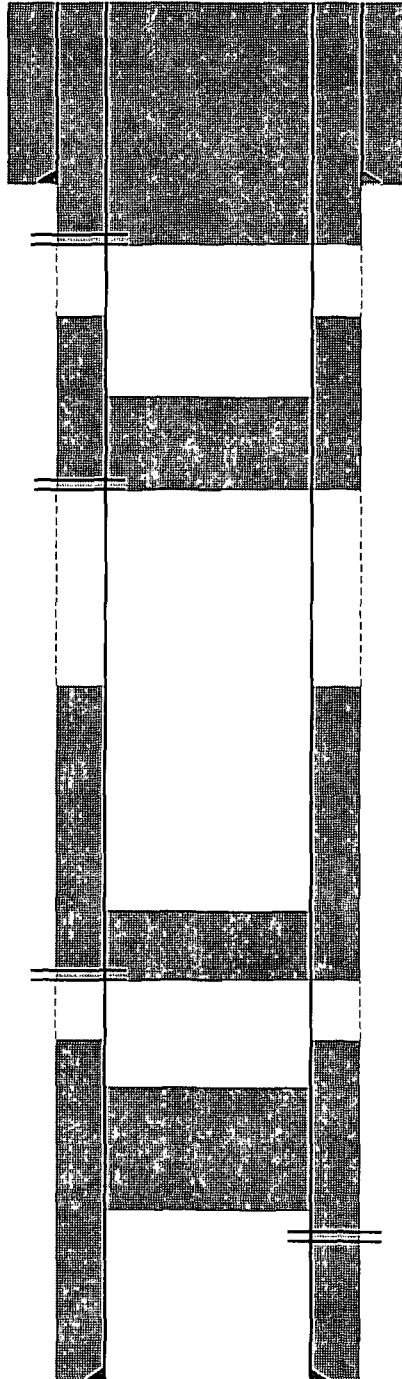
13 sx cmt plug @ 83

perforated 4 1/2 casing @ 350
 squeezed w/ 130 sx
 cmt circulated to surface
 TOC inside 4 1/2 casing @ 83

perforated 4 1/2 casing @ 1215
 squeezed w/ 45 sx
 TOC inside 4 1/2 casing @ 989

perforated 4 1/2 casing @ 2612
 squeezed w/ 45 sx
 TOC inside 4 1/2 casing @ 2358

25 sx cmt plug 2914 - 3100



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

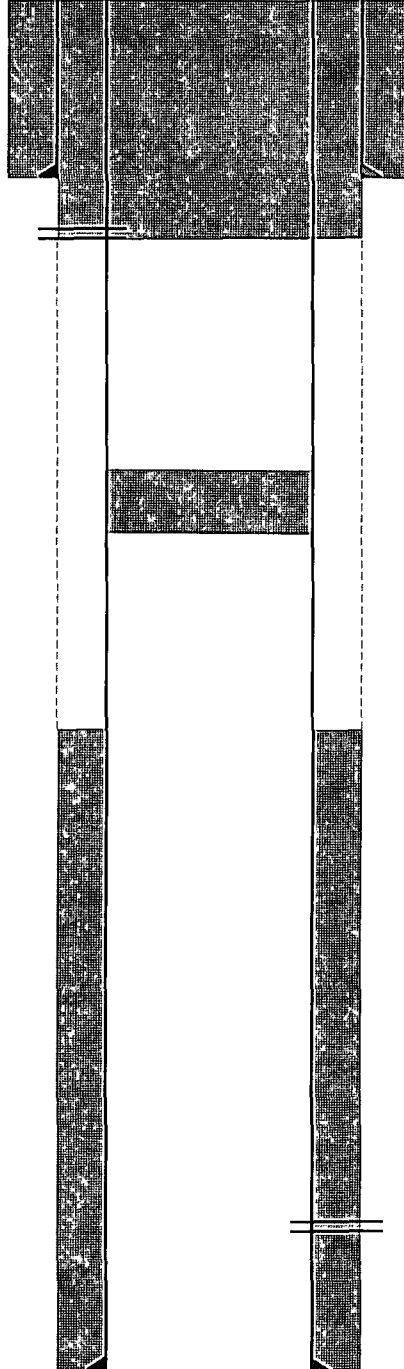
Operator: United Heritage New Mexico Corp.
Well Name: CSAU # 22
Well Location: 660' FNL, 1980' FEL
Calls: B
Unit: 11
Section: 85
Township: 30E
Range:



PLUGGING DETAILS

perforated 4 1/2 casing @ 340
squeezed w/ 100 sx
cmt circulated to surface
TOC inside 4 1/2 casing @ surface

35 sx cmt plug 981 - 1073



Total Depth (ft): 3571

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 20
Setting Depth (ft): 290
Amount Cement (sx): 250
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): 3426
Bottom (ft): 3542

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): 4 1/2
Casing Weight (ppf): 9.5
Setting Depth (ft): 3571
Amount Cement (sx): 300
Top of Cement (ft): 2328
TOC Method: Calculated

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

PLUGGING DETAILS

10 sx cmt plug surface - 50

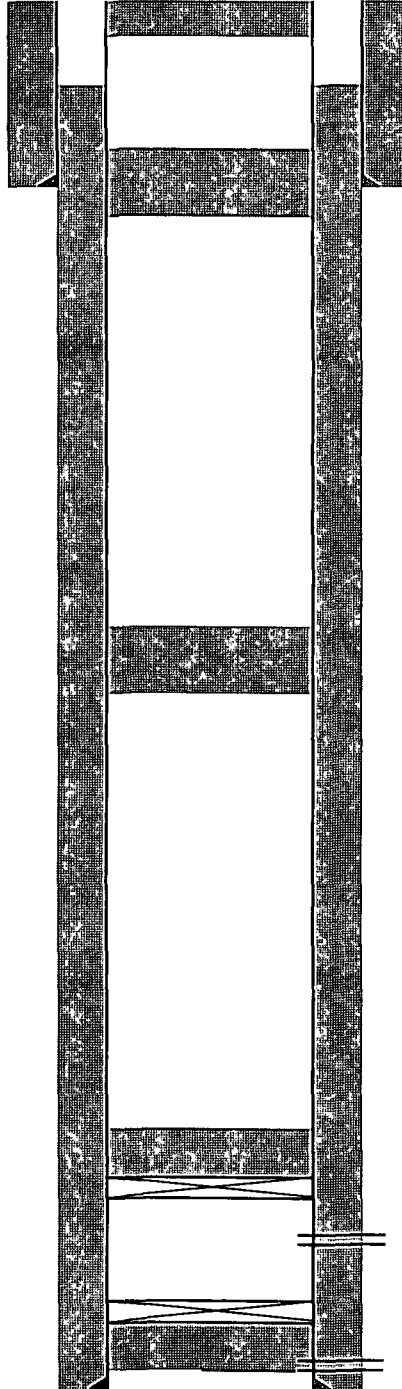
15 sx cmt plug 410 - 510

15 sx cmt plug 1400 - 1500

4 sx cmt plug 3350 - 3450

CIBP @ 3450

CICR @ 3610
squeezed w/ 150 sx



Total Depth (ft): 3706

ORIGINAL WELL CONSTRUCTION

Surface Casing

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

Perforations

Top (ft): 3550
Bottom (ft): 3595
Top (ft): 3630
Bottom (ft): 3676

Production Casing

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

WELLBORE SCHEMATIC

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

PLUGGING DETAILS

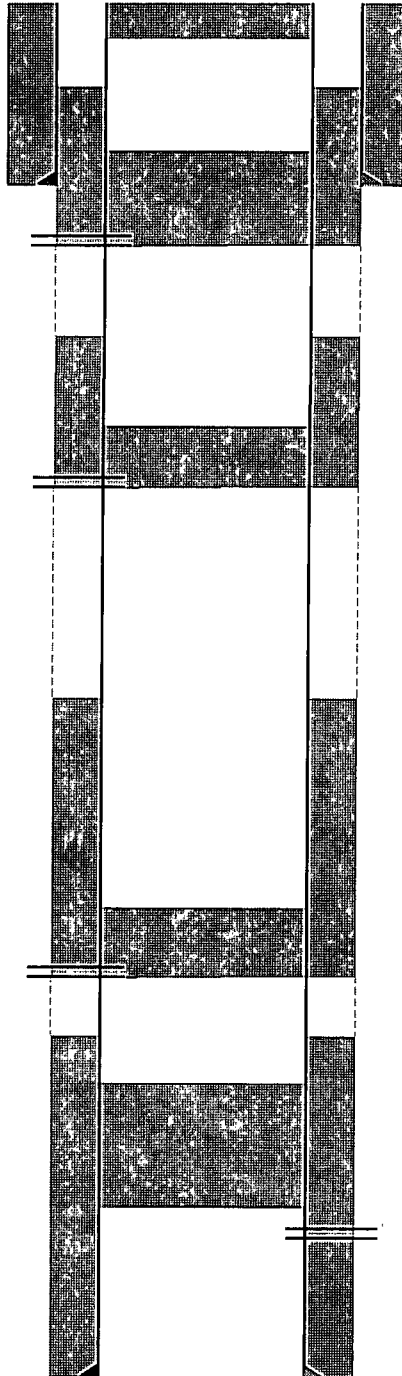
5 sx cmt plug surface - 60

perforated 4 1/2 casing @ 503
squeezed w/ 60 sx
TOC inside 4 1/2 casing @ 394

perforated 4 1/2 casing @ 1506
squeezed w/ 45 sx
TOC inside 4 1/2 casing @ 1385

perforated 4 1/2 casing @ 2612
squeezed w/ 45 sx
TOC inside 4 1/2 casing @ 2456

25 sx 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): Unknown
TOC Method: -----

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



PLUGGING DETAILS

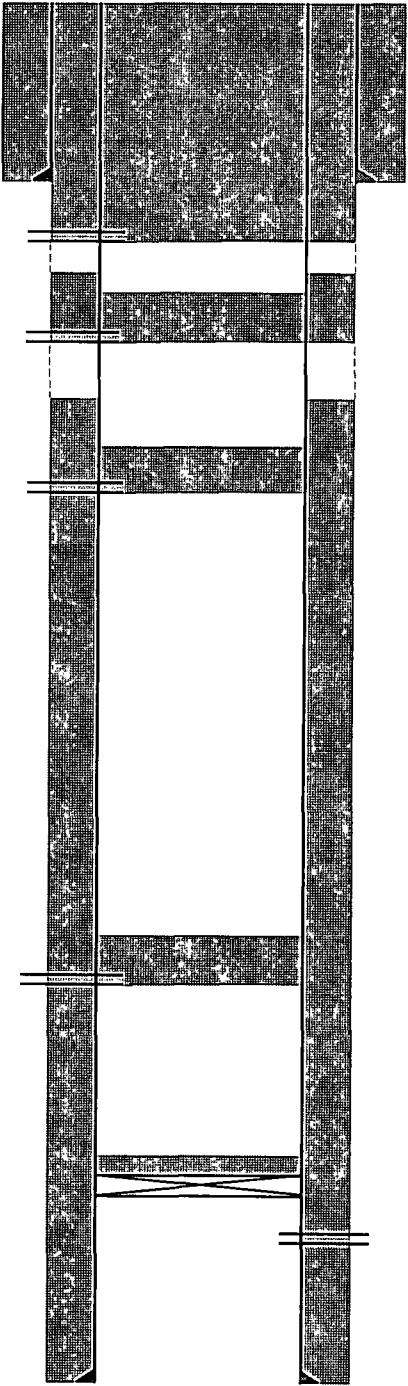
perforated 4 1/2 casing @ 509
squeezed w/ 140 sx
cmt circulated to surface
TOC inside 4 1/2 casing @ surface

perforated 4 1/2 casing @ 799
squeezed w/ 45 sx
TOC inside 4 1/2 casing @ 650

perforated 4 1/2 casing @ 1550
could not pump in
20 sx cmt plug 1350 - 1600

perforated 4 1/2 casing @ 2612
could not pump in
25 sx cmt plug to 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: 660' FSL, 1980' FEL
Calls: O
Unit: 11
Section: 8S
Township: 30E
Range:



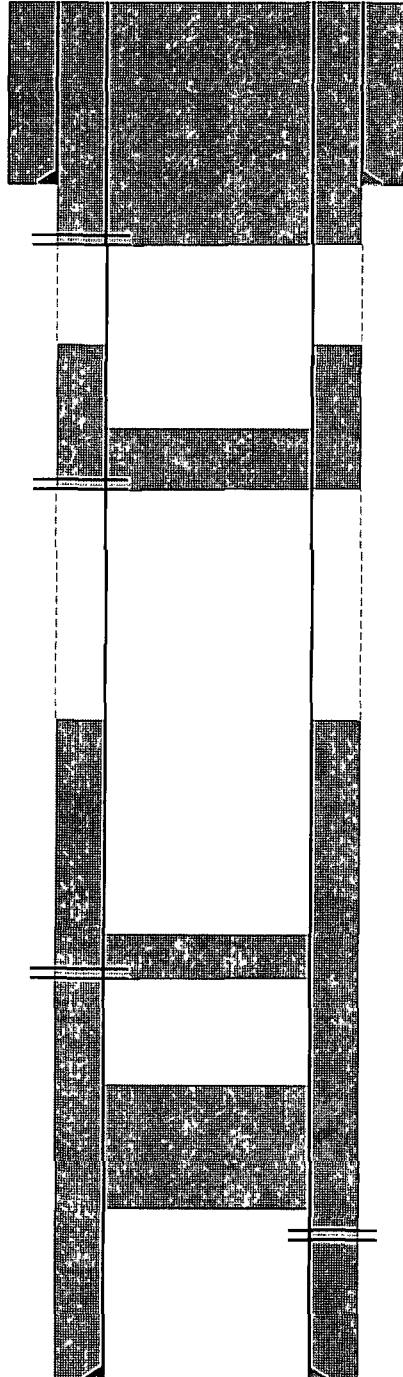
PLUGGING DETAILS

perforated 4 1/2 casing @ 509
squeezed w/ 195 sx
cmt circulated to surface
TOC inside 4 1/2 casing @ surface

perforated 4 1/2 casing @ 1415
squeezed w/ 45 sx
TOC inside 4 1/2 casing @ 1293

perforated 4 1/2 casing @ 2615
could not pump in
25 sx cmt plug 2330 - 2615

25 sx cmt plug 3202 - 3450



Total Depth (ft): 3644

ORIGINAL WELL CONSTRUCTION

Surface Casing

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

Perforations

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

Production Casing

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

WELLBORE SCHEMATIC

Operator: UHC New Mexico Corp.
 Well Name: CSAU # 78
 Well Location:
 Calls 660' FNL, 660' FWL
 Unit D
 Section 14
 Township 8S
 Range 30E



PLUGGING DETAILS

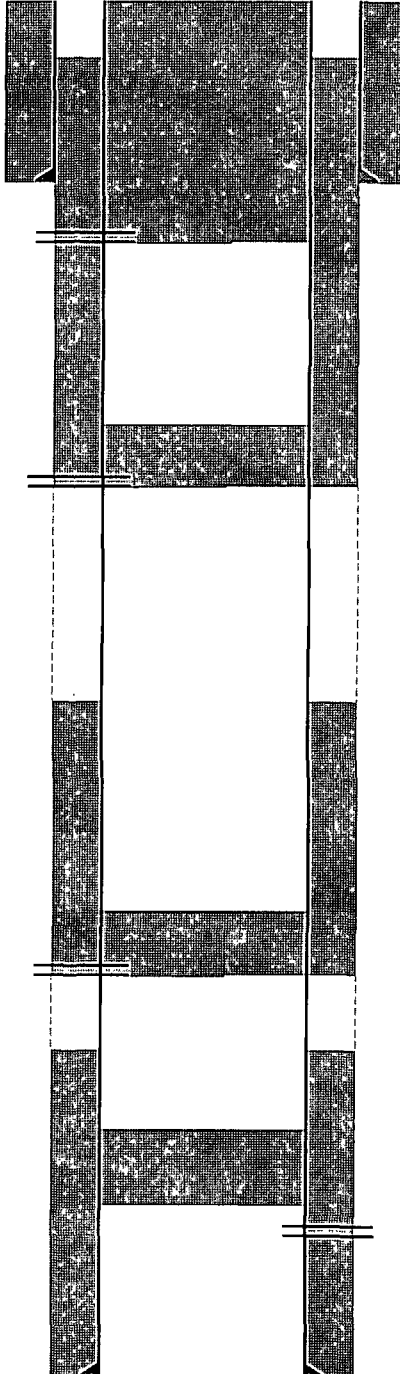
45 sx cmt plug 515 - surface

perforated 4 1/2 casing @ 500
 could not pump in

perforated 4 1/2 casing @ 1483
 squeezed w/ 45 sx
 TOC inside 4 1/2 casing @ 1358

perforated 4 1/2 casing @ 2612
 squeezed w/ 45 sx
 TOC inside 4 1/2 casing @ 2456

cmt plug 3050 - 3350



Total Depth (ft): 3594

ORIGINAL 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): 750
 Top of Cement (ft): Surface
 TOC Method: Circulated

Perforations

Top (ft): 3433
 Bottom (ft): 3543

Production Casing

Hole Size (in): 7 7/8
 Casing Size (in): 4 1/2
 Casing Weight (ppf): 9.5
 Setting Depth (ft): 3594
 Amount Cement (sx): 800
 Top of Cement (ft): Unknown
 TOC Method: -----

WELLBORE SCHEMATIC

Operator: UHC New Mexico Corp.
Well Name: CSAU # 79
Well Location: 660' FNL, 1980' FWL
Calls: C
Unit: 14
Section: 85
Township: 30E
Range:

PLUGGING DETAILS

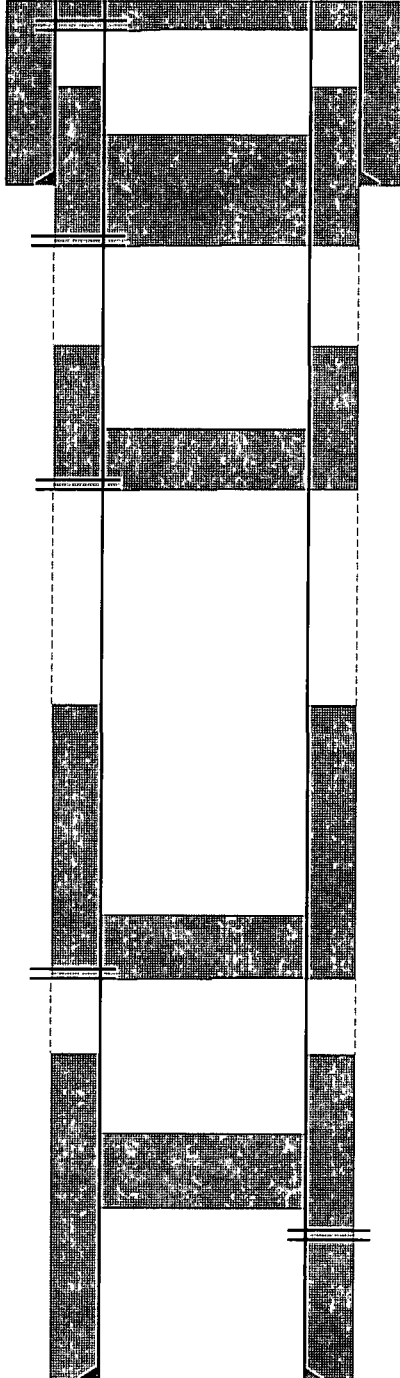
perforated 4 1/2 casing @ 60
squeezed w/ unknown sx
cmt circulated to surface
TOC inside 4 1/2 casing @ surface

perforated 4 1/2 casing @ 515
squeezed w/ 156 sx
TOC inside 4 1/2 casing @ 412

perforated 4 1/2 casing @ 1365
squeezed w/ 45 sx
TOC inside 4 1/2 casing @ 1260

perforated 4 1/2 casing @ 2612
squeezed w/ 45 sx
TOC inside 4 1/2 casing @ 2507

20 sx cmt plug 3280 - 3400



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: -----

WELLBORE SCHEMATIC

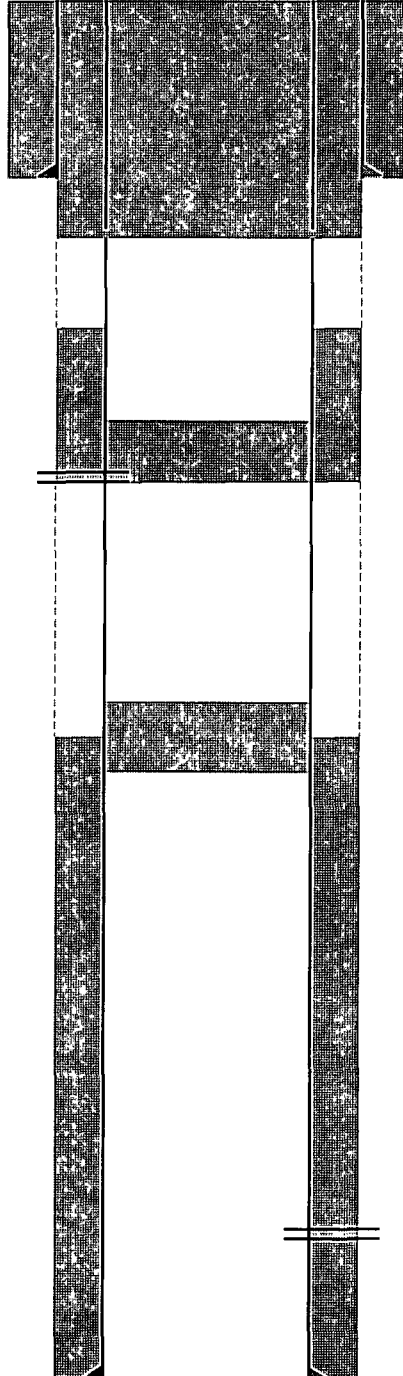
Operator: UHC New Mexico Corp.
Well Name: CSAU # 80
Well Location:
Calls 660' FNL, 1980' FEL
Unit B
Section 14
Township 8S
Range 30E

PLUGGING DETAILS

hole in casing @ 695
squeezed w/ 12 bbls cmt
circulated to surface
TOC inside 4 1/2 casing @ surface

perforated 4 1/2 casing @ 1250
squeezed w/ 55 sx
TOC inside 4 1/2 casing @ 806

25 sx cmt plug 1689 - 2650



Total Depth (ft): 3670

ORIGINAL 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

Perforations

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

Production Casing

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

WELLBORE SCHEMATIC

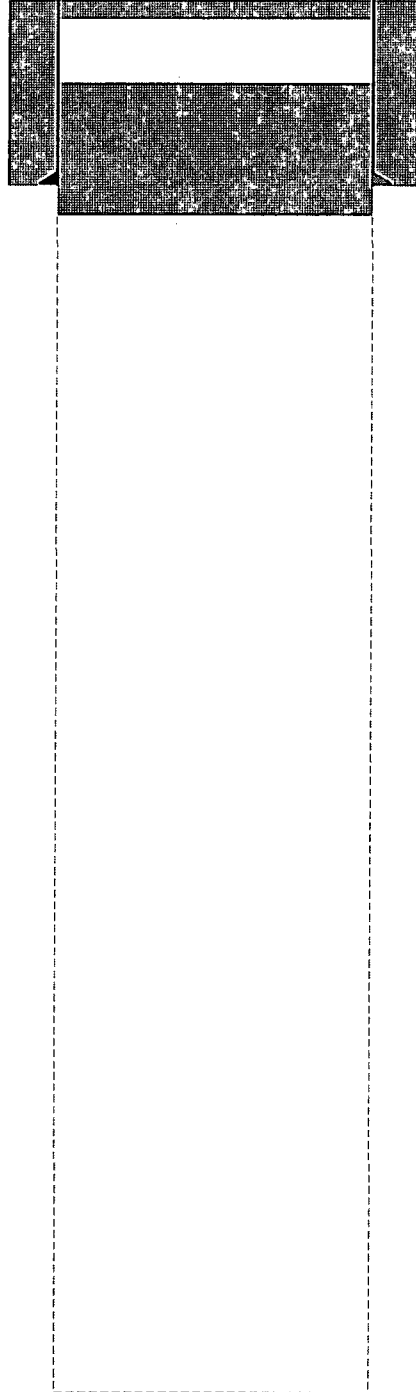
Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #562
Well Location:
Calls 130' FSL, 165' FWL
Unit M
Section 12
Township 8S
Range 30E

✓

PLUGGING DETAILS

6 bbl cmt plug from 0 - 250

42 bbl cmt plug from 300 - 813



Total Depth (ft): 3370

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 560
Amount Cement (sx): 450
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): -----
Bottom (ft): -----

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): -----
Casing Weight (ppf): -----
Setting Depth (ft): -----
Amount Cement (sx): -----
Top of Cement (ft): -----
TOC Method: -----

WELLBORE SCHEMATIC

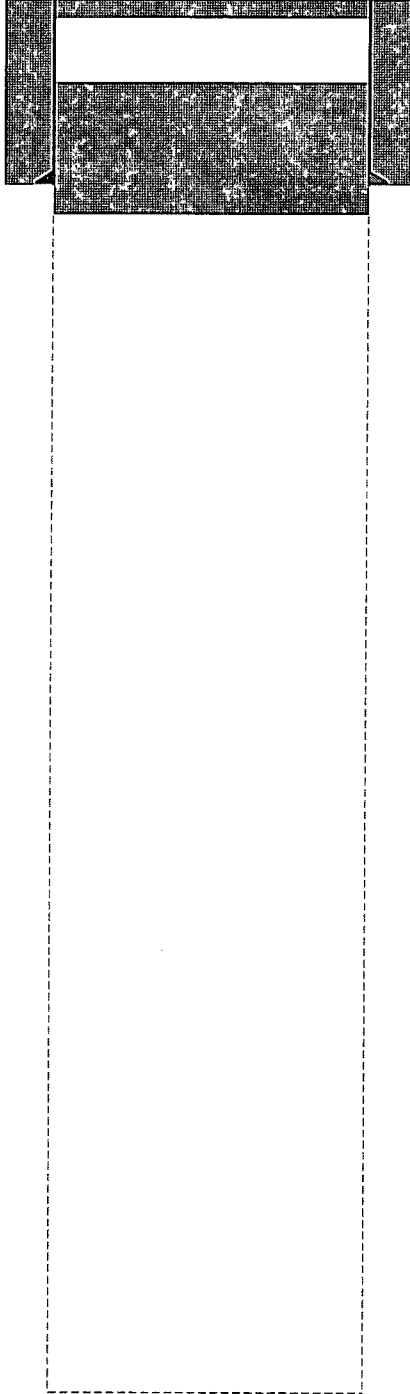
Operator: Cano Petro of New Mexico, Inc.
Well Name: CSAU #572
Well Location: 1360' FNL, 1340' FWL
Calls: 1360' FNL, 1340' FWL
Unit: F
Section: 14
Township: 8S
Range: 30E

✓

PLUGGING DETAILS

30 sx cmt plug surface - 60

150 sx cmt plug @ 498



Total Depth (ft): 1454

ORIGINAL WELL CONSTRUCTION

Surface Casing

Hole Size (in): 12 1/4
Casing Size (in): 8 5/8
Casing Weight (ppf): 24
Setting Depth (ft): 560
Amount Cement (sx): 450
Top of Cement (ft): Surface
TOC Method: Circulated

Perforations

Top (ft): -----
Bottom (ft): -----

Production Casing

Hole Size (in): 7 7/8
Casing Size (in): -----
Casing Weight (ppf): -----
Setting Depth (ft): -----
Amount Cement (sx): -----
Top of Cement (ft): -----
TOC Method: -----

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

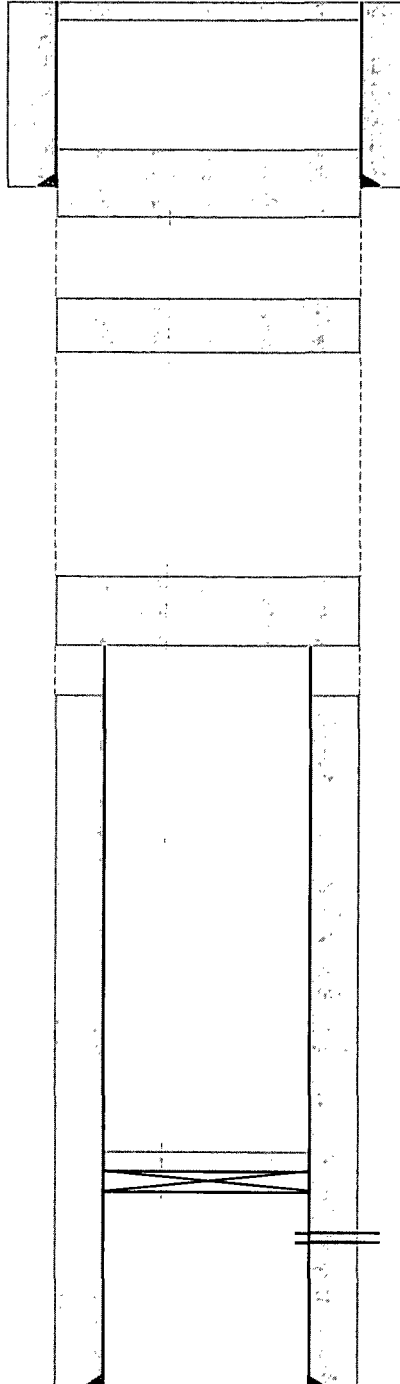
70 sx cmt plug 145 - 255

70 sx cmt plug 910 - 1020

70 sx cmt plug 2180 - 2290

cut & 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

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 2,000 STBD per well.
2. The system will be closed.
3. The depth to the shallowest anticipated perforation in a well that will be utilized for injection is 3,250'. The proposed average injection pressure is 650 psi. Consistent with pending applications for increased injection pressure (IPI) filed on November 30, 2009 and January 5, 2010, the proposed maximum injection pressure on a well by well basis, is 0.400 psi/ft to the top perforation, less 50 psi, rounded down to the nearest 5 psi. The table below lists the top anticipated perforation and proposed maximum injection pressure for each of the proposed injection wells.

<u>Well</u>	<u>Depth to Top Perforation (ft)</u>	<u>Proposed Maximum Injection Pressure (psi)</u>
CSAU # 8	3320	1275
CSAU # 9	3298	1265
CSAU # 17	3263	1255
CSAU # 30	3414	1315
CSAU # 31	3280	1260
CSAU # 32	3261	1250
CSAU # 47	3336	1280
CSAU # 60	3303	1270
CSAU # 74	3343	1285
CSAU # 75	3370	1295
CSAU # 76	3442	1325
CSAU # 89	3392	1305
CSAU # 91	3360	1290
CSAU # 106	3386	1300
CSAU # 108	3418	1315
CSAU # 120	3439	1325
CSAU # 400	3250	1250
CSAU # 521	3250	1250
CSAU # 537	3250	1250
CSAU # 590	3250	1250
CSAU # 818	3250	1250
CSAU # 825	3250	1250
CSAU # 829	3250	1250
CSAU # 845	3250	1250
CSAU # 846	3250	1250
CSAU # 852	3250	1250
CSAU # 853	3250	1250
CSAU # 855	3250	1250

Missing
109, 111, 115 & 118

43

ATTACHMENT TO FORM C-108, continued

Cano Petro of New Mexico, Inc.

Cato San Andres Unit

Item VII – data on the proposed operation, continued

878, 879

CSAU # 858	3250	1250
CSAU # 859	3250	1250
CSAU # 880	3250	1250
CSAU # 881	3250	1250
CSAU # 882	3250	1250
CSAU # 883	3250	1250
CSAU # 890	3250	1250
CSAU # 907	3250	1250
CSAU # 910	3250	1250
CSAU # 912	3250	1250
CSAU # 913	3250	1250
CSAU # 914	3250	1250
CSAU # 916	3250	1250
CSAU # 917	3250	1250
CSAU# 919	3250	1250

4. Currently, all injected water is produced water from the Cato San Andres Unit. Efforts are underway to facilitate use of produced water from San Andres wells on outside leases as make-up water. The Glorietta formation has been identified as a possible additional source of additional make-up water. Compositional analyses of a produced San Andres water sample and a Glorietta water sample obtained from a Cato San Andres Unit well, as well as results of compatibility testing are attached. Regardless of relative volumes, combined samples exhibit lower tendencies to form CaCO_3 and CaSO_4 scale than produced San Andres water.
5. Not Applicable.

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

Item VII

INJECTANT ANALYSIS AND COMPATIBILITY TEST RESULTS



P.O. Box 287
Snyder, Texas 79550-0287

WATER ANALYSIS REPORT

Office: 325-573-8055
Fax: 325-574-1044

Company	Cano Petroleum
Lease	Cato Unit
Well	Fresh Water Well
Sample Location	well head
Sample Date	8/12/09

City/ State	Roswell, NM
County	Chaves
Formation	Glorietta
Salesman:	Mike Smith
Analysis Date:	8/13/09

Disolved Gasses	PPM
Hydrogen Sulfide	0
Carbon Dioxide	16
Dissolved Oxygen	NA

System Conditions	
Fluid Temp.	0 °F
Conductivity	0 microohms/cm
pH	5.60
SpGr.	1.165

Cations	mg/L	meq/L
Sodium	116,181	5,051.4
Calcium	2,526	126.3
Magnesium	705	57.8
Barium	0	0.00
Iron	0	0.0

Anions	mg/L	meq/L
Bicarbonate	49	0.8
Chloride	184,202	5,188.8
Sulfate	2,200	45.83

Total Dissolved Solids	305,863
Total Ionic Strength	5.37
Total Hardness as CaCO3	9,206

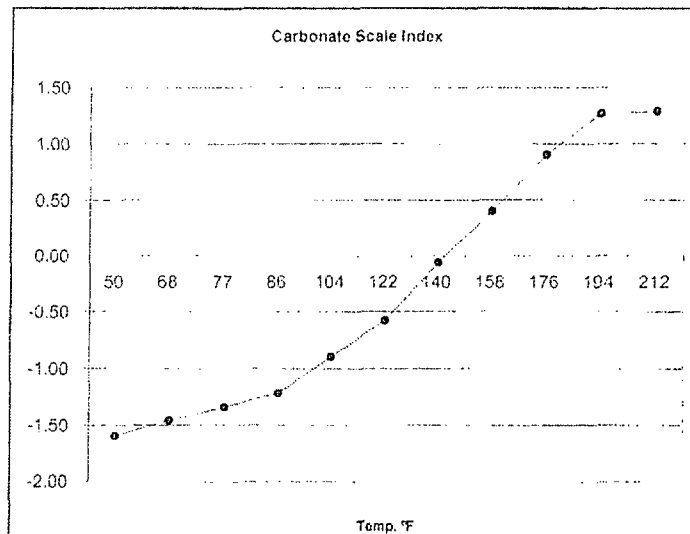
Calcium Carbonate
Scaling Tendency

Stability Index:

°F	
50	-1.60
68	-1.46
77	-1.34
86	-1.22
104	-0.90
122	-0.58
140	-0.06
158	0.40
176	0.90
194	1.27
212	1.29

Calcium Carbonate Index Legend

SI of less than 0 = No Potential
SI of 0 to 0.5 = Marginal Potential
SI of 0.5 to 1.0 = Moderate Potential
SI of above 1.0 = Severe Potential



WATER ANALYSIS REPORT

Page 2

Sample Information

Company	Cano Petroleum
Lease	Cato Unit
Well Number	Fresh Water Well
Sample Location	well head
Sample Date	8/12/09

City/ State	Roswell, NM
County	Chaves
Formation	Glorietta
PPCC Sales Rep:	Mike Smith
Analysis Date:	8/13/09

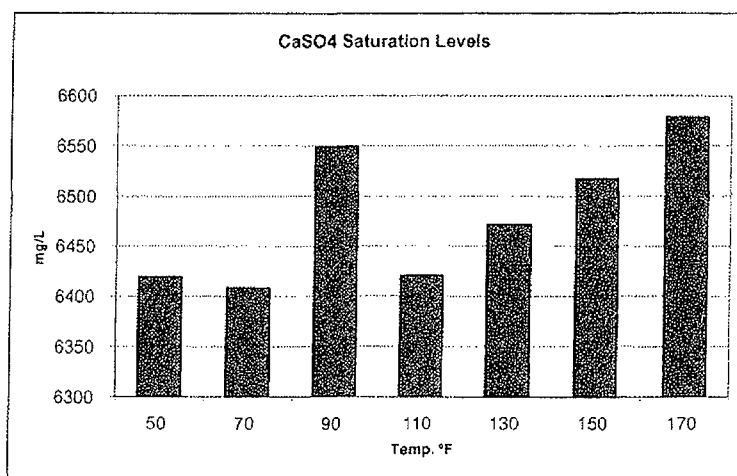
Calcium Sulfate Scaling Tendency

Maximum Amount of CaSO₄ which can be held in solution at these temperatures.

°F	mg/L
50	6419.65
70	6409.15
90	6549.30
110	6421.15
130	6472.01
150	6518.16
170	6578.67

Actual CaSO₄ Conc. = 3946.25

If the actual value exceeds any of the mg/L values above, Calcium sulfate scale is likely



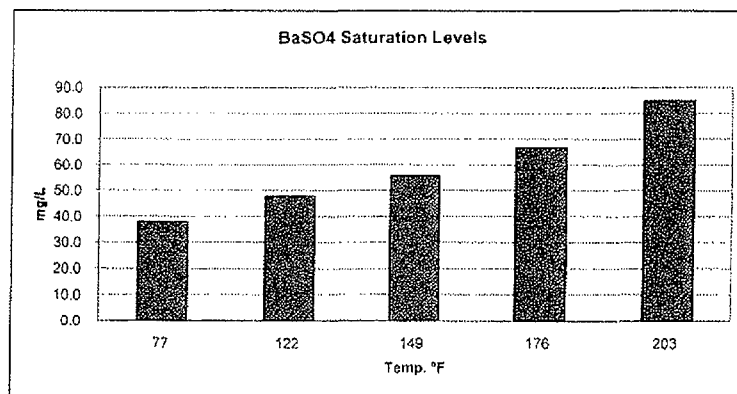
Barium Sulfate Scaling Tendency

Maximum Amount of BaSO₄ which can be held in solution at these temperatures.

°F	mg/L
77	38.0
122	48.0
149	56.0
176	67.0
203	85.0

Actual BaSO₄ Conc. = 0.00

If the actual value exceeds any of the mg/L values above, barium sulfate scale is likely





P.O. Box 287
Snyder, Texas 79550-0287

WATER ANALYSIS REPORT

Office: 325-573-8055
Fax: 325-574-1044

Sample Information

Company	Cano Petroleum
Lease	Cato Unit
Well	Battery 6 Produced Well
Sample Location	IPD
Sample Date	8/12/09

City/ State	Roswell, NM
County	Chaves
Formation	San Andres
Salesman:	Mike Smith
Analysis Date:	8/13/09

Dissolved Gases

PPM

Hydrogen Sulfide	90
Carbon Dioxide	277
Dissolved Oxygen	NA

System Conditions

Fluid Temp.	0	°F
Conductivity	0	microhms/cm
pH	5.50	
SpGr.	1.122	

Cations

mg/L

meq/L

Sodium	65,111	2,830.9
Calcium	3,048	152.4
Magnesium	9,185	752.9
Barium	0	0.00
Iron	0	0.0

Anions

mg/L

meq/L

Bicarbonate	342	5.6
Chloride	130,143	3,666.0
Sulfate	3,100	64.58

Total Dissolved Solids	210,928
Total Ionic Strength	4.23
Total Hardness as CaCO3	45,427

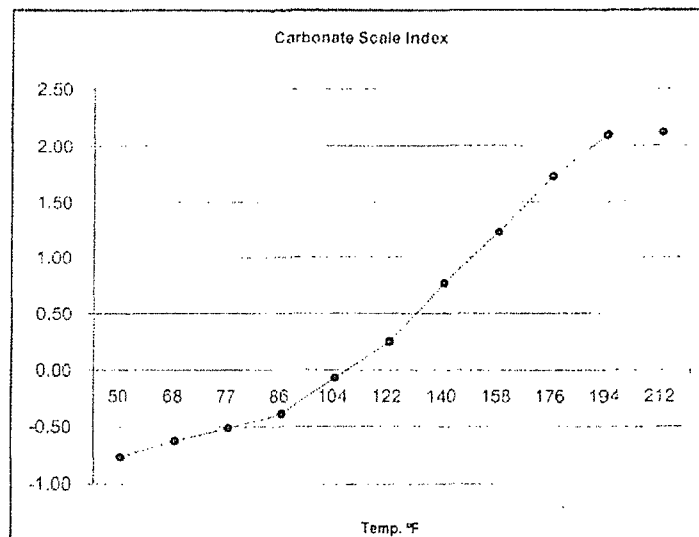
Calcium Carbonate Scaling Tendency

Stability Index:

°F	
50	-0.77
68	-0.63
77	-0.51
86	-0.39
104	-0.07
122	0.25
140	0.77
158	1.23
176	1.73
194	2.10
212	2.12

Calcium Carbonate Index Legend

SI of less than 0 = No Potential
SI of 0 to 0.5 = Marginal Potential
SI of 0.5 to 1.0 = Moderate Potential
SI of above 1.0 = Severe Potential



WATER ANALYSIS REPORT

Page 2

Sample Information

Company	Cano Petroleum
Lease	Cato Unit
Well Number	Battery 6 Produced Well
Sample Location	IPD
Sample Date	8/12/09

City/ State	Roswell, NM
County	Chaves
Formation	San Andres
PPCC Sales Rep:	Mike Smith
Analysis Date:	8/13/09

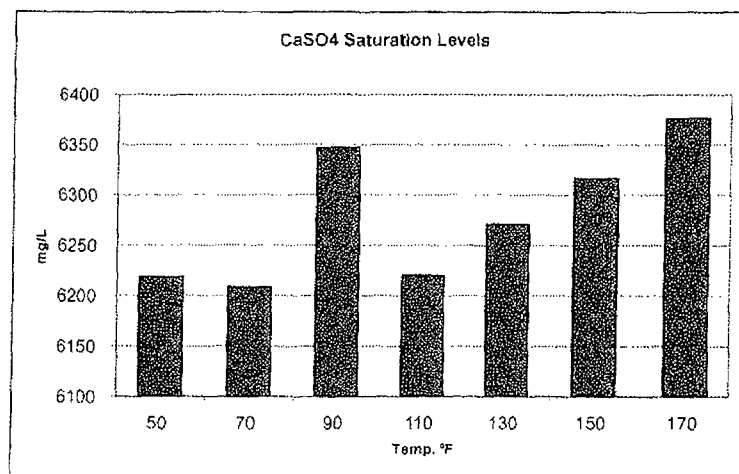
Calcium Sulfate Scaling Tendency

Maximum Amount of CaSO₄ which can be held in solution at these temperatures.

°F	mg/L
50	6219.48
70	6209.09
90	6347.65
110	6220.96
130	6271.24
150	6316.86
170	6376.89

Actual CaSO₄ Conc. = 5560.63

If the actual value exceeds any of the mg/L. values above. Calcium sulfate scale is likely



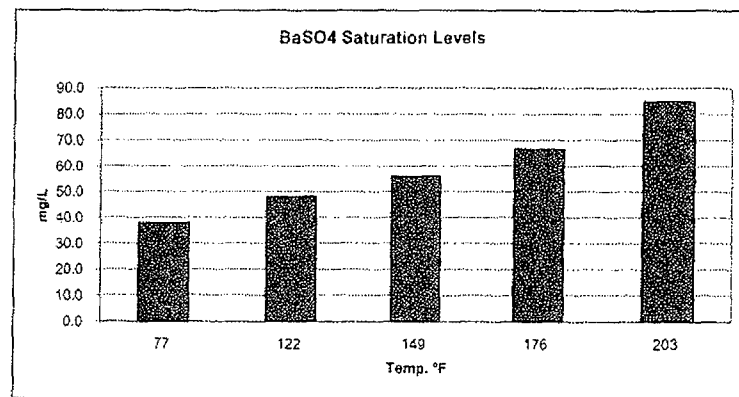
Barium Sulfate Scaling Tendency

Maximum Amount of BaSO₄ which can be held in solution at these temperatures.

°F	mg/L
77	38.0
122	48.0
149	56.0
176	67.0
203	85.0

Actual BaSO₄ Conc. = 0.00

If the actual value exceeds any of the mg/L. values above. barium sulfate scale is likely



Oil Company
Lease
Well

Cano Petroluem
Cato Unit
Fresh Water

Cano Petroluem
Cato Unit
Batt 6 Prod. H2O

	#1 mg/L		#2 mg/L
pH	5.6		5.5
SpGr.	1.165		1.122
H2S	0		90
CO2	16		277
Calcium	2526		3048
Magnesium	705		9185
Sodium	116181		65111
Total Hardness	9206		45427
Barium	0		0
Iron	0		0
Bicarbonate	49		342
Sulfate	2200		3100
Chloride	184202		130143
Dissolved Solids	305863		210928
Conductivity	0		0

% #1	% #2					mg/L	me/L					Total Hardness	Barium	Iron	Bicarbonate	Sulfate	me/L			Dissolved Solids	Conductivity	Ionic Strength
		pH	SpGr.	H2S	CO2	Calcium	Calcium	Magnesium	Sodium											Chloride		
Cato Unit Battery 6 Produced Water																						
0	100	5.50	1.122	90	277	3048	152	9185	65111	45427	0	0	342	3100	65	130143	210928	0	130143	210928	0	4.23
5	95	5.51	1.124	86	264	3022	151	8761	67665	43616	0	0	327	3055	64	132846	215675	0	132846	215675	0	4.28
10	90	5.51	1.126	81	251	2996	149	8337	70218	41805	0	0	313	3010	63	135549	220422	0	135549	220422	0	4.34
15	85	5.52	1.128	77	238	2970	148	7913	72772	39994	0	0	298	2965	62	138252	225168	0	138252	225168	0	4.40
20	80	5.52	1.131	72	225	2944	147	7489	75325	38183	0	0	283	2920	61	140955	229915	0	140955	229915	0	4.46
25	75	5.53	1.133	68	212	2918	146	7065	77879	36372	0	0	269	2875	60	143658	234662	0	143658	234662	0	4.51
30	70	5.53	1.135	63	199	2891	144	6641	80432	34561	0	0	254	2830	59	146361	239409	0	146361	239409	0	4.57
35	65	5.54	1.137	59	186	2865	143	6217	82986	32750	0	0	239	2785	58	149064	244155	0	149064	244155	0	4.63
40	60	5.54	1.139	54	173	2839	142	5793	85539	30939	0	0	225	2740	57	151767	248902	0	151767	248902	0	4.68
45	55	5.55	1.141	50	160	2813	140	5369	88093	29128	0	0	210	2695	56	154470	253649	0	154470	253649	0	4.74
50	50	5.55	1.144	45	147	2787	139	4945	90646	27317	0	0	196	2650	55	157173	258396	0	157173	258396	0	4.80
55	45	5.56	1.146	41	133	2761	138	4521	93200	25505	0	0	181	2605	54	159875	263142	0	159875	263142	0	4.85
60	40	5.56	1.148	36	120	2735	136	4097	95753	23694	0	0	166	2560	53	162578	267889	0	162578	267889	0	4.91
65	35	5.57	1.150	32	107	2709	135	3673	98307	21883	0	0	152	2515	52	165281	272636	0	165281	272636	0	4.97
70	30	5.57	1.152	27	94	2683	134	3249	100860	20072	0	0	137	2470	51	167984	277383	0	167984	277383	0	5.02
75	25	5.58	1.154	23	81	2657	133	2825	103414	18261	0	0	122	2425	51	170687	282129	0	170687	282129	0	5.08
80	20	5.58	1.156	18	68	2630	131	2401	105967	16450	0	0	108	2380	50	173390	286876	0	173390	286876	0	5.14
85	15	5.59	1.159	14	55	2604	130	1977	108521	14639	0	0	93	2335	49	176093	291623	0	176093	291623	0	5.19
90	10	5.59	1.161	9	42	2578	129	1553	111074	12828	0	0	78	2290	48	178796	296370	0	178796	296370	0	5.25
95	5	5.60	1.163	5	29	2552	127	1129	113628	11017	0	0	64	2245	47	181499	301116	0	181499	301116	0	5.31
100	0	5.60	1.165	0	16	2526	126	705	116181	9206	0	0	49	2200	46	184202	305863	0	184202	305863	0	5.37

Permian Production Chemical Company
3611 Lamesa Hwy Snyder, TX 79549
325-573-8055

Sample #1
Cano Petroluem
Cato Unit
Fresh Water

Sample #2
Cano Petroluem
Cato Unit
Batt 6 Prod. H2O

% #1	% #2	CaCO3 @ 86F	CaCO3 @140F	CaSO4 @90	Solubility mg/l Calculated CaSO4
------	------	-------------	-------------	-----------	-------------------------------------

0	100	-0.39	0.77	6354.97	5559.47
5	95	-0.41	0.75	6364.84	5478.76
10	90	-0.43	0.73	6374.74	5398.06
15	85	-0.45	0.71	6384.66	5317.36
20	80	-0.47	0.69	6394.60	5236.66
25	75	-0.49	0.67	6404.56	5155.96
30	70	-0.51	0.65	6414.55	5075.26
35	65	-0.54	0.62	6424.55	4994.55
40	60	-0.56	0.60	6434.58	4913.85
45	55	-0.59	0.57	6444.62	4833.15
50	50	-0.62	0.54	6454.69	4752.45
55	45	-0.65	0.51	6464.78	4671.75
60	40	-0.69	0.47	6474.89	4591.04
65	35	-0.73	0.43	6485.02	4510.34
70	30	-0.77	0.39	6495.18	4429.64
75	25	-0.82	0.34	6505.35	4348.94
80	20	-0.88	0.28	6515.55	4268.24
85	15	-0.94	0.22	6525.77	4187.53
90	10	-1.01	0.15	6536.01	4106.83
95	5	-1.10	0.06	6546.27	4026.13
100	0	-1.22	-0.06	6556.56	3945.43

ATTACHMENT TO FORM C-108

Cano Petro of New Mexico, Inc.
Cato San Andres Unit

Item IX – proposed stimulation program

Injection wells will be acidized, and producers will be acidized and/or fracture stimulated.

Masters Consulting, LLC

7500 Rialto Blvd.; Ste. 180
Austin, TX 78735

Keith B. Masters, P.E.
President

email: k_b_masters@mastersconsultingllc.com

RECEIVED OCD

Phone: (512) 906-2016

Fax: (512) 906-2729

2010 JUL 26 P 12:55

July 21, 2010

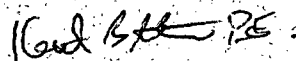
Mr. Terry G. Warnell
New Mexico Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Re: Waterflood Expansion
Cano Petro of New Mexico, Inc.
Cato San Andres Unit
Chaves County, NM

Dear Terry:

Enclosed, please find copies of the notice letters and return receipts relating to the above-referenced application. Thank you for your assistance.

Sincerely,



Keith B. Masters, P.E.
for Cano Petro of New Mexico, Inc.

cc: Cano Petro of New Mexico, Inc.

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 26, 2010

Certified Mail/Return Receipt Requested

Mr. David Glass
Division of Lands & Minerals
Bureau of Land Management
2909 West Second Street
Roswell, NM 88201-1287

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Mr. Glass:

Enclosed is a copy of the application (Form C-108) that Cano Petro of New Mexico ("Cano Petro") has submitted to the New Mexico Oil Conservation Division ("OCD"). Cano Petro, the operator of the Cato Unit, seeks OCD approval to expand the waterflood project in the northern portion of the Cato Unit as part of Cano Petro's secondary recovery effort. The application regards the following lands in Chaves County, New Mexico:

Surface

SW/4, Section 2, T8S - R30E,
S/2 of SE/4, Section 3, T8S - R30E,
All of Section 10, 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,
All of Section 15, Section 15, T8S - R30E.

Subsurface

SW/4, Section 1, T8S - R30E,
S/2, Section 2, T8S - R30E,
S/2 of NE/4, S/2, SE/4 of NE/4, Section 3, T8S - R30E,
SE/4, Section 4, T8S - R30E,
E/2, Section 9, T8S - R30E,
All of Section 10, T8S - R30E,
All of Section 11, T8S - R30E,
W/2, Section 12, T8S - R30E,
W/2, Section 13, T8S - R30E,
All of Section 14, T8S - R30E,
All of Section 15, T8S - R30E,
E/2, Section 16, T8S - R30E,
NE/4 of NE/4, Section 21, T8S - R30E,
N/2, Section 22, T8S - R30E,

N/2, Section 23, T8S – R30E,
NW/4, Section 24, T8S – R30E.


The application is scheduled for a hearing before an OCD Hearing Examiner on May 27, 2010 at 8:15 a.m. in Porter Hall at the OCD's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505.

You are not required to attend this hearing, but as an interest owner of and/or near the affected lands, you may appear and present testimony. Failure to appear at the hearing and become a party of record will preclude you from contesting the matter at a later date.

A party planning to appear in this OCD case is required by OCD Rules to file a Pre-Hearing Statement no later than Thursday, May 20, 2010. This Statement must be filed with the OCD's Santa Fe Office at the above address, and should include: the name of the party and its attorney; the names of the witness(es) the party will call to testify at the hearing; the approximate time the party will need to present its case; and an identification of any procedural matters that need to be resolved prior to the hearing.

A complete copy of Cano Petro's application will be provided to you upon request. Contact Alex Azizi at (817) 698-0900 if you want to request a complete copy of the application and/or have any questions about the application.

Sincerely,



Phillip Feiner
Vice President and General Counsel

U.S. Postal Service	
CERTIFIED MAIL RECEIPT	
(Domestic Mail Only; No Insurance Coverage Provided)	
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CANO PETRO OF NEW MEXICO, INC.

Burnett Plaza • 801 Cherry Street
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Fort Worth, TX 76102

Phone (US) - 817.698.0900

Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Mathis Land & Cattle Company
P.O. Box 45
Kenna, NM 88122

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Sir or Madam:

Enclosed is a copy of the application (Form C-108) that Cano Petro of New Mexico ("Cano Petro") has submitted to the New Mexico Oil Conservation Division ("OCD"). Cano Petro, the operator of the Cato Unit, seeks OCD approval to expand the waterflood project in the northern portion of the Cato Unit as part of Cano Petro's secondary recovery effort. The application regards the following lands in Chaves County, New Mexico:

Surface

SW/4, Section 2, T8S – R30E,
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All of Section 10, 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,
All of Section 15, Section 15, T8S – R30E.

Subsurface

SW/4, Section 1, T8S – R30E,
S/2, Section 2, T8S – R30E,
S/2 of NE/4, S/2, SE/4 of NE/4, Section 3, T8S – R30E,
SE/4, Section 4, T8S – R30E,
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W/2, Section 13, T8S – R30E,
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E/2, Section 16, T8S – R30E,
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N/2, Section 22, T8S – R30E,

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NW/4, Section 24, T8S – R30E.

The application is scheduled for a hearing before an OCD Hearing Examiner on May 27, 2010 at 8:15 a.m. in Porter Hall at the OCD's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505.

You are not required to attend this hearing, but as an interest owner of and/or near the affected lands, you may appear and present testimony. Failure to appear at the hearing and become a party of record will preclude you from contesting the matter at a later date.

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A complete copy of Cano Petro's application will be provided to you upon request. Contact Alex Azizi at (817) 698-0900 if you want to request a complete copy of the application and/or have any questions about the application.

Sincerely,



Phillip Feiner
Vice President and General Counsel

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Total Postage & Fees	\$ 5.71
Mathis Land & Cattle Company	
Sent to	P.O. Box 45
Street, Apt. No., or PO Box No.	Kenna, NM 88122
City, State, ZIP+4	
PS Form 3811, August 2005 See Reverse for Instructions	

ESTD 1997 2000 0282 6002

SENDER: COMPLETE THIS SECTION	
1. Article Addressed to: Mathis Land & Cattle Company P.O. Box 45 Kenna, NM 88122	
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4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
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CANO PETRO OF NEW MEXICO, INC.

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Suite 3200, Unit 25
Fort Worth, TX 76102

Phone (US) - 817.698.0900

Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Preston Berry
10212 Daria Drive
Dallas, TX

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Mr. Berry:

Enclosed is a copy of the application (Form C-108) that Cano Petro of New Mexico ("Cano Petro") has submitted to the New Mexico Oil Conservation Division ("OCD"). Cano Petro, the operator of the Cato Unit, seeks OCD approval to expand the waterflood project in the northern portion of the Cato Unit as part of Cano Petro's secondary recovery effort. The application regards the following lands in Chaves County, New Mexico:

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W/2 of W/2, Section 13, T8S - R30E,
All of Section 14, T8S - R30E,
All of Section 15, Section 15, T8S - R30E.

Subsurface

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S/2 of NE/4, S/2, SE/4 of NE/4, Section 3, T8S - R30E,
SE/4, Section 4, T8S - R30E,
E/2, Section 9, T8S - R30E,
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W/2, Section 12, T8S - R30E,
W/2, Section 13, T8S - R30E,
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NE/4 of NE/4, Section 21, T8S - R30E,
N/2, Section 22, T8S - R30E,

N/2, Section 23, T8S – R30E,
NW/4, Section 24, T8S – R30E.

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A complete copy of Cano Petro's application will be provided to you upon request. Contact Alex Azizi at (817) 698-0900 if you want to request a complete copy of the application and/or have any questions about the application.

Sincerely,



Phillip Feiner
Vice President and General Counsel

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Total Postage & Fees	\$ 5.71

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Preston Berry
10212 Daria Drive
Dallas, TX
City, State, ZIP+4

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☐ C.O.D.
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Suite 3200, Unit 25
Fort Worth, TX 76102

Phone (US) - 817.698.0900

Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Jay Appleton
2809 West 11th Street
Sedalia, MO 65301-2211

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Mr. Appleton:

Enclosed is a copy of the application (Form C-108) that Cano Petro of New Mexico ("Cano Petro") has submitted to the New Mexico Oil Conservation Division ("OCD"). Cano Petro, the operator of the Cato Unit, seeks OCD approval to expand the waterflood project in the northern portion of the Cato Unit as part of Cano Petro's secondary recovery effort. The application regards the following lands in Chaves County, New Mexico:

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W/2 of W/2, Section 12, T8S - R30E,
W/2 of W/2, Section 13, T8S - R30E,
All of Section 14, T8S - R30E,
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Subsurface

SW/4, Section 1, T8S - R30E,
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S/2 of NE/4, S/2, SE/4 of NE/4, Section 3, T8S - R30E,
SE/4, Section 4, T8S - R30E,
E/2, Section 9, T8S - R30E,
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W/2, Section 12, T8S - R30E,
W/2, Section 13, T8S - R30E,
All of Section 14, T8S - R30E,
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E/2, Section 16, T8S - R30E,
NE/4 of NE/4, Section 21, T8S - R30E,
N/2, Section 22, T8S - R30E,

N/2, Section 23, T8S – R30E,
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Sincerely,



Phillip Feiner
Vice President and General Counsel

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Total Charges & Fees	\$ 11.71
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2809 West 11th Street	
Sedalia, MO 65301-2211	
PS Form 3811, February 2004	

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A. Signature X <i>Jay Appleton</i>	
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C. Date of Delivery <i>4/28/10</i>	
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CANO PETRO OF NEW MEXICO, INC.

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Suite 3200, Unit 25
Fort Worth, TX 76102

Phone (US) - 817.698.0900

Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Roswell Gun Club
P.O. Box 1482
Roswell, NM 88202

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Sir or Madam:

Enclosed is a copy of the application (Form C-108) that Cano Petro of New Mexico ("Cano Petro") has submitted to the New Mexico Oil Conservation Division ("OCD"). Cano Petro, the operator of the Cato Unit, seeks OCD approval to expand the waterflood project in the northern portion of the Cato Unit as part of Cano Petro's secondary recovery effort. The application regards the following lands in Chaves County, New Mexico:

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Subsurface

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Sincerely,



Phillip Feiner
Vice President and General Counsel

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Postage	\$ 6.01
Certified Fee	2.80
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Total Postage & Fees	\$ 5.71
Sent to Roswell Gun Club P.O. Box 1482 Street, Apt. No., or P.O. Roswell, NM 88202 City, State, ZIP+4	
<small>PS Form 3800, August 2008 See Reverse for Instructions</small>	

4510 E98T 2000 0282 6002

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3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Registered <input type="checkbox"/> Insured Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> C.O.D. <input type="checkbox"/> Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
4. Received by (Printed Name) 4.30.12 C. Date of Delivery <input type="checkbox"/> Yes <input type="checkbox"/> No D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below:	

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Suite 3200, Unit 25
Fort Worth, TX 76102

Phone (US) - 817.698.0900

Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Ganada, Inc.
P.O. Box 9
Sudan, TX 79371

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Sir or Madam:

Enclosed is a copy of the application (Form C-108) that Cano Petro of New Mexico ("Cano Petro") has submitted to the New Mexico Oil Conservation Division ("OCD"). Cano Petro, the operator of the Cato Unit, seeks OCD approval to expand the waterflood project in the northern portion of the Cato Unit as part of Cano Petro's secondary recovery effort. The application regards the following lands in Chaves County, New Mexico:

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Sincerely,



Phillip Feiner
Vice President and General Counsel

U.S. Postal Service
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Certified Fee	2.80
Return Receipt Fee (Endorsement Required)	2.30
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 5.71

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Sent To
Ganada, Inc.
P.O. Box 9
Sudan, TX 79371
City, State, Zip+4

PS Form 3811, February 2004

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:
Ganada, Inc.
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Sudan, TX 79371

2. Article Number
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7009 2820 0002 1883 0161

PS Form 3811, February 2004

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4. Restricted Delivery? (Extra Fee) ☐ Yes

5. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

6. Signature
A. Signature
B. Received by (Printed Name)
C. Date of Delivery

7. Agent
Addressed
Date of Delivery

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102595-02-M-1510

CANO PETRO OF NEW MEXICO, INC.

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Suite 3200, Unit 25
Fort Worth, TX 76102

Phone (US) - 817.698.0900

Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Robert W. Hodge
Northstar Operating Company
400 W. Illinois Avenue, Ste. 1110
Midland, TX 79701-4310

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Mr. Hodge:

Enclosed is a copy of the application (Form C-108) that Cano Petro of New Mexico ("Cano Petro") has submitted to the New Mexico Oil Conservation Division ("OCD"). Cano Petro, the operator of the Cato Unit, seeks OCD approval to expand the waterflood project in the northern portion of the Cato Unit as part of Cano Petro's secondary recovery effort. The application regards the following lands in Chaves County, New Mexico:

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All of Section 15, Section 15, T8S - R30E.

Subsurface

SW/4, Section 1, T8S - R30E,
S/2, Section 2, T8S - R30E,
S/2 of NE/4, S/2, SE/4 of NE/4, Section 3, T8S - R30E,
SE/4, Section 4, T8S - R30E,
E/2, Section 9, T8S - R30E,
All of Section 10, T8S - R30E,
All of Section 11, T8S - R30E,
W/2, Section 12, T8S - R30E,
W/2, Section 13, T8S - R30E,
All of Section 14, T8S - R30E,
All of Section 15, T8S - R30E,
E/2, Section 16, T8S - R30E,
NE/4 of NE/4, Section 21, T8S - R30E,
N/2, Section 22, T8S - R30E,

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Robert W. Hodge
Northstar Operating Company
400 W. Illinois Avenue, Ste. 1110
Midland, TX 79701-4310

2. Article Number
(Transfer from service label)

7009 2820 0002 1883 0185

PS Form 3811, February 2004 Domestic Return Receipt

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Signature ☒ Agent

James H. Hodge

☐ Addressed

3. Service Type

☒ Certified Mail ☐ Express Mail

☐ Registered ☐ Return Receipt for Merchandise

☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

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5. Received by (Printed Name) *James H. Hodge*

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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 26, 2010

Certified Mail/Return Receipt Requested

Mr. Edward Judson, ux Marilyn M.
c/o Judson Investment Corp.
P.O. Box 10010
Midland, TX 79702

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Mr. or Mrs. Judson:

Enclosed is a copy of the application (Form C-108) that Cano Petro of New Mexico ("Cano Petro") has submitted to the New Mexico Oil Conservation Division ("OCD"). Cano Petro, the operator of the Cato Unit, seeks OCD approval to expand the waterflood project in the northern portion of the Cato Unit as part of Cano Petro's secondary recovery effort. The application regards the following lands in Chaves County, New Mexico:

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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,
All of Section 15, Section 15, T8S - R30E.

Subsurface

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S/2 of NE/4, S/2, SE/4 of NE/4, Section 3, T8S - R30E,
SE/4, Section 4, T8S - R30E,
E/2, Section 9, T8S - R30E,
All of Section 10, T8S - R30E,
All of Section 11, T8S - R30E,
W/2, Section 12, T8S - R30E,
W/2, Section 13, T8S - R30E,
All of Section 14, T8S - R30E,
All of Section 15, T8S - R30E,
E/2, Section 16, T8S - R30E,
NE/4 of NE/4, Section 21, T8S - R30E,
N/2, Section 22, T8S - R30E,

N/2, Section 23, T8S – R30E,
NW/4, Section 24, T8S – R30E.

The application is scheduled for a hearing before an OCD Hearing Examiner on May 27, 2010 at 8:15 a.m. in Porter Hall at the OCD's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505.

You are not required to attend this hearing, but as an interest owner of and/or near the affected lands, you may appear and present testimony. Failure to appear at the hearing and become a party of record will preclude you from contesting the matter at a later date.

A party planning to appear in this OCD case is required by OCD Rules to file a Pre-Hearing Statement no later than Thursday, May 20, 2010. This Statement must be filed with the OCD's Santa Fe Office at the above address, and should include: the name of the party and its attorney; the names of the witness(es) the party will call to testify at the hearing; the approximate time the party will need to present its case; and an identification of any procedural matters that need to be resolved prior to the hearing.

A complete copy of Cano Petro's application will be provided to you upon request. Contact Alex Azizi at (817) 698-0900 if you want to request a complete copy of the application and/or have any questions about the application.

Sincerely,



Phillip Feiner
Vice President and General Counsel

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Total Postage & Fees	\$ 5.71
Postmark Here	
APR 26 2010	
Sent to: Mr. Edward Judson, ux Marilyn M.	
c/o Judson Investment Corp.	
P.O. Box 10010	
Midland, TX 79702	
PS Form 3811, August 2004 See Reverse for Instructions	

2610 8991 2000 0282 6002

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1. Article Addressed to: Mr. Edward Judson, ux Marilyn M. c/o Judson Investment Corp. P.O. Box 10010 Midland, TX 79702	
2. Article Number (Transfer from service label) 7009 2820 0002 1883 0192 PS Form 3811, February 2004 Domestic Return Receipt	
3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes <input type="checkbox"/> No	
COMPLETE THIS SECTION ON DELIVERY	
A. Signature Marilyn M. Judson	
B. Received by (Printed Name) Marilyn M. Judson	
C. Date of Delivery 5-17-10	
D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:	

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Suite 3200, Unit 25
Fort Worth, TX 76102

Phone (US) - 817.698.0900

Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Sole Trustee of the Selma Andrews
Trust for the Benefit of Peggy Barrett
Bank of America, N.A.
P.O. Box 75283
Dallas, TX 75283

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Sir or Madam:

Enclosed is a copy of the application (Form C-108) that Cano Petro of New Mexico ("Cano Petro") has submitted to the New Mexico Oil Conservation Division ("OCD"). Cano Petro, the operator of the Cato Unit, seeks OCD approval to expand the waterflood project in the northern portion of the Cato Unit as part of Cano Petro's secondary recovery effort. The application regards the following lands in Chaves County, New Mexico:

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All of Section 10, 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,
All of Section 15, Section 15, T8S - R30E.

Subsurface

SW/4, Section 1, T8S - R30E,
S/2, Section 2, T8S - R30E,
S/2 of NE/4, S/2, SE/4 of NE/4, Section 3, T8S - R30E,
SE/4, Section 4, T8S - R30E,
E/2, Section 9, T8S - R30E,
All of Section 10, T8S - R30E,
All of Section 11, T8S - R30E,
W/2, Section 12, T8S - R30E,
W/2, Section 13, T8S - R30E,
All of Section 14, T8S - R30E,
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N/2, Section 22, T8S - R30E,

N/2, Section 23, T8S – R30E,
NW/4, Section 24, T8S – R30E.

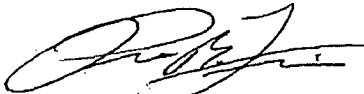
The application is scheduled for a hearing before an OCD Hearing Examiner on May 27, 2010 at 8:15 a.m. in Porter Hall at the OCD's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505.

You are not required to attend this hearing, but as an interest owner of and/or near the affected lands, you may appear and present testimony. Failure to appear at the hearing and become a party of record will preclude you from contesting the matter at a later date.

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A complete copy of Cano Petro's application will be provided to you upon request. Contact Alex Azizi at (817) 698-0900 if you want to request a complete copy of the application and/or have any questions about the application.

Sincerely,



Phillip Feiner
Vice President and General Counsel

9020 8981 2000 0292 6000

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Suite 3200, Unit 25
Fort Worth, TX 76102

Phone (US) - 817.698.0900

Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Selma Andrews Perpetual
Charitable Trust
Bank of America, N.A.
P.O. Box 830308
Dallas, TX 75238

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Mr. Glass:

Enclosed is a copy of the application (Form C-108) that Cano Petro of New Mexico ("Cano Petro") has submitted to the New Mexico Oil Conservation Division ("OCD"). Cano Petro, the operator of the Cato Unit, seeks OCD approval to expand the waterflood project in the northern portion of the Cato Unit as part of Cano Petro's secondary recovery effort. The application regards the following lands in Chaves County, New Mexico:

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W/2 of W/2, Section 12, T8S - R30E,
W/2 of W/2, Section 13, T8S - R30E,
All of Section 14, T8S - R30E,
All of Section 15, Section 15, T8S - R30E.

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NW/4, Section 24, T8S – R30E.

The application is scheduled for a hearing before an OCD Hearing Examiner on May 27, 2010 at 8:15 a.m. in Porter Hall at the OCD's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505.

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Sincerely,



Phillip Feiner
Vice President and General Counsel

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Sent To Selma Andrews Perpetual Charitable Trust Bank of America, N.A. P.O. Box 830308 Dallas, TX 75238	
<small>PS Form 3811, February 2004</small>	

2220 E88T 2000 0282 4002

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3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	

CANO PETRO OF NEW MEXICO, INC.

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Suite 3200, Unit 25
Fort Worth, TX 76102

Phone (US) - 817.698.0900

Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Mobile Producing Texas & New Mexico, Inc.
P.O. Box 4697
Houston, TX 77210

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Sir or Madam:

Enclosed is a copy of the application (Form C-108) that Cano Petro of New Mexico ("Cano Petro") has submitted to the New Mexico Oil Conservation Division ("OCD"). Cano Petro, the operator of the Cato Unit, seeks OCD approval to expand the waterflood project in the northern portion of the Cato Unit as part of Cano Petro's secondary recovery effort. The application regards the following lands in Chaves County, New Mexico:

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Sincerely,



Phillip Feiner
Vice President and General Counsel

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Total Postage & Fees	\$ 5.71
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Sent to Mobile Producing Texas & New Mexico, Inc. Street, Apt. No., or P.O. Box 4697 City, State, ZIP+4 Houston, TX 77210	
<small>PS Form 3811, February 2004</small>	

6520 6981 2000 0292 6002

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2. Article Number <small>(Transfer from service label)</small> 7009 2820 0002 1883 0239	
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3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
COMPLETE THIS SECTION ON DELIVERY	
A. Signature X Received By: <i>Printed Name</i> PR 20 2010	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
D. Is delivery different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	

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 26, 2010

Certified Mail/Return Receipt Requested

Mr. R. Ken Williams, ux Jane
P.O. Box 10626
Midland, TX 79702

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Mr. or Mrs. Williams:

Enclosed is a copy of the application (Form C-108) that Cano Petro of New Mexico ("Cano Petro") has submitted to the New Mexico Oil Conservation Division ("OCD"). Cano Petro, the operator of the Cato Unit, seeks OCD approval to expand the waterflood project in the northern portion of the Cato Unit as part of Cano Petro's secondary recovery effort. The application regards the following lands in Chaves County, New Mexico:

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Sincerely,



Phillip Feiner
Vice President and General Counsel

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Total Postage & Fees	\$ 5.71
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P.O. Box 10626	
Street, Apt. No., or Midland, TX 79702	
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SENDER: COMPLETE THIS SECTION	
1. Article Addressed to: Mr. R. Ken Williams, ux Jane P.O. Box 10626 Midland, TX 79702	
2. Article Number (Transfer from service label) 2009 2820 0002 1883 0246	
3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Registered <input type="checkbox"/> Insured Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> C.O.D. <input type="checkbox"/> Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
5. Signature James H. Williams Agent	
6. Received by (Printed Name) James H. Williams Addressed Date of Delivery April 26, 2010	
7. Is delivery address different from item 1? If YES, enter delivery address below: <input type="checkbox"/> Yes <input type="checkbox"/> No	
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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 26, 2010

Certified Mail/Return Receipt Requested

Good Earth Minerals, LLC
849 Broken Arrow
Roswell, NM 88201

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Sir or Madam:

Enclosed is a copy of the application (Form C-108) that Cano Petro of New Mexico ("Cano Petro") has submitted to the New Mexico Oil Conservation Division ("OCD"). Cano Petro, the operator of the Cato Unit, seeks OCD approval to expand the waterflood project in the northern portion of the Cato Unit as part of Cano Petro's secondary recovery effort. The application regards the following lands in Chaves County, New Mexico:

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W/2 of W/2, Section 12, T8S - R30E,
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All of Section 15, Section 15, T8S - R30E.

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A complete copy of Cano Petro's application will be provided to you upon request. Contact Alex Azizi at (817) 698-0900 if you want to request a complete copy of the application and/or have any questions about the application.

Sincerely,



Phillip Feiner
Vice President and General Counsel

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849 Broken Arrow	
Roswell, NM 88201	
PS Form 3811, February 2004	

2. Article Number
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102595-02-M-1540

Good Earth Minerals, LLC
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Roswell, NM 88201

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Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Judson Properties, Ltd.
P.O. Box 3340
Midland, TX 79702-3340

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Sir or Madam:

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Sincerely,



Phillip Feimer
Vice President and General Counsel

0920 698T 2000 0282 6002

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P.O. Box 3340	
Midland, TX 79702-3340	
PS Form 3811, February 2004	

2. Article Number (Transfer from service label) PS Form 3811, February 2004		Domestic Return Receipt		7009 2820 0002 1883 0260		102595-02-M-1540	
1. Article Addressed to: Judson Properties, Ltd. P.O. Box 3340 Midland, TX 79702-3340		3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Registered <input type="checkbox"/> Insured Mail <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Express Mail <input type="checkbox"/> C.O.D.		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes <input type="checkbox"/> No		5. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee Received by (Printed Name) C. Date of Delivery 5-17-10 If YES, enter delivery address below: <input type="checkbox"/> Yes <input type="checkbox"/> No	

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Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Matlock Minerals Ltd. Co.
11101 Bermuda Dunes Drive, NE
Albuquerque, NM 87111-7504

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

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N/2, Section 22, T8S - R30E,

N/2, Section 23, T8S – R30E,
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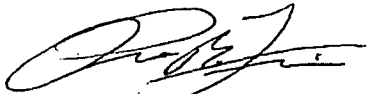
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Phillip Ferner
Vice President and General Counsel

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2220 6987 2000 0292 6002

2. Article Number: 7009 2620 0002 1883 0277 (Transfer from service label)	
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PS Form 3811, February 2004	
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1. Article Addressed to: Matlock Minerals Ltd. Co. 11101 Bermuda Dunes Drive, NE Albuquerque, NM 87111-7504	
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Suite 3200, Unit 25
Fort Worth, TX 76102

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Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Mr. William H. Martin, ux Karen V.
c/o Sigmar Inc.
400 N. Marienfeld, Ste. 100
Midland, TX 79701

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PS Form 3811, February 2004	
See Reverse for Instructions	

4920 E98T 2000 0292 6002

2. Article Number (Transfer from service lab)		2009 2620 0002 1883 0284
PS Form 3811, February 2004		Domestic Return Receipt
1. Article Addressed to:		Mr. William H. Martin, ux Karen V. c/o Sigmar Inc. 400 N. Marienfeld, Ste. 100 Midland, TX 79701
3. Service Type		<input type="checkbox"/> Certified Mail <input type="checkbox"/> Registered <input type="checkbox"/> Insured Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> C.O.D.
4. Restricted Delivery? (Extra Fee)		<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Signature		<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
6. Received by (Printed Name)		W. H. Martin
7. Date of Delivery		4/28/10
8. Is delivery address different from item 1? If YES, enter delivery address below:		<input type="checkbox"/> Yes <input type="checkbox"/> No

CANO PETRO OF NEW MEXICO, INC.

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Suite 3200, Unit 25
Fort Worth, TX 76102

Phone (US) - 817.698.0900

Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Sigmar Inc.
400 N. Marienfeld, Ste. 100
Midland, TX 79701

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City, State, ZIP+4	
<small>PS Form 3800, August 2005</small>	
<small>See Reverse for Instructions</small>	

7620 6981 2000 0282 6002

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PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540	
3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
5. Complete this section on delivery: A. Signature <input checked="" type="checkbox"/> Al Baker <input type="checkbox"/> Agent B. Received by (Printed Name) Michael <input type="checkbox"/> Addresssee C. Date of Delivery 4-28-10 D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	

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 26, 2010

Certified Mail/Return Receipt Requested

Mr. John Schlagal, ux Helen B.
5700 S. County Road, Ste. 1200
Midland, TX 79706

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
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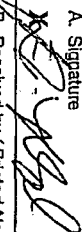
Sincerely,



Phillip Feiner
Vice President and General Counsel

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Mr. John Schlagal, ux Helen B.	
5700 S. County Road, Ste. 1200	
Midland, TX 79706	
City, State, Zip+4	
PS Form 3800, August 2005	
See Reverse for Instructions	

2020 E99T 2000 0282 6002

2. Article Number <small>(Transfer from service label)</small>	
PS Form 3811, February 2004	
Domestic Return Receipt	
7009 2820 0002 1883 0307	
102595-02-M-15-0	
1. Article Addressed to:	
Mr. John Schlagal, ux Helen B. 5700 S. County Road, Ste. 1200 Midland, TX 79706	
3. Service Type	
<input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail	
<input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise	
<input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
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A. Signature	
	
B. Received by (Printed Name)	
John Schlagal	
C. Date of Delivery	
4-27-10	
D. Is delivery address different from item 1?	
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If YES, enter delivery address below:	

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 26, 2010

Certified Mail/Return Receipt Requested

McQuiddy Communications & Energy, Inc.
P.O. Box 2072
Roswell, NM 88202

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Sir or Madam:

Enclosed is a copy of the application (Form C-108) that Cano Petro of New Mexico ("Cano Petro") has submitted to the New Mexico Oil Conservation Division ("OCD"). Cano Petro, the operator of the Cato Unit, seeks OCD approval to expand the waterflood project in the northern portion of the Cato Unit as part of Cano Petro's secondary recovery effort. The application regards the following lands in Chaves County, New Mexico:

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W/2 of W/2, Section 12, T8S - R30E,
W/2 of W/2, Section 13, T8S - R30E,
All of Section 14, T8S - R30E,
All of Section 15, Section 15, T8S - R30E.

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S/2 of NE/4, S/2, SE/4 of NE/4, Section 3, T8S - R30E,
SE/4, Section 4, T8S - R30E,
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Sincerely,



Phillip Feiner
Vice President and General Counsel

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Certified Fee	2.80
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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 5.71
Postmark Here	
APR 26 2010	
Sent To McQuiddy Communications & Energy Inc.	
Street, Apt. No. or P.O. Box Box 2072	
City, State, ZIP+4 [®] ROSWELL, NM 88202	
<small>PS Form 3811, August 2006 See Reverse for Instructions</small>	

47ED E9RT 2000 02R2 6002

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<input type="checkbox"/> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. <input type="checkbox"/> Print your name and address on the reverse so that we can return the card to you. <input type="checkbox"/> Attach this card to the back of the mailpiece, or on the front if space permits.	
1. Article Addressed to: McQuiddy Communications & Energy Inc., P.O. Box 2072 Roswell, NM 88202	
2. Article Number (Transfer from service label) 7009 2820 0002 1A83 0314	
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540	
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A. Signature 	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
B. Received by (Printed Name) 4.29.10	C. Date of Delivery 4.29.10
D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	

CANO PETRO OF NEW MEXICO, INC.

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Suite 3200, Unit 25
Fort Worth, TX 76102

Phone (US) - 817.698.0900

Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Occidental Oil and Gas Corporation
c/o OXY USA, Inc., GP
10889 Wilshire Boulevard
Los Angeles, California 90024-4201

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Sir or Madam:

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W/2 of W/2, Section 13, T8S - R30E,
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Vice President and General Counsel

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Return Receipt Fee (Endorsement Required)	2.30
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 5.71
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Occidental Oil and Gas Corporation	
c/o OXY USA, Inc., GP	
10889 Wilshire Boulevard	
Los Angeles, California 90024-4201	
PS Form 3811, February 2004	
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1220 0901 2000 0202 6007

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1. Article Addressed to: Occidental Oil and Gas Corporation c/o OXY USA, Inc., GP 10889 Wilshire Boulevard Los Angeles, California 90024-4201	
2. Article Number: (Transfer from service label) 7009 2820 0002 1003 0321	
PS Form 3811, February 2004	
Domestic Return Receipt	
3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Registered <input type="checkbox"/> Insured Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> C.O.D.	
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes <input type="checkbox"/> No	
5. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No	
6. Signature <input checked="" type="checkbox"/> Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
7. Received by (Printed Name) A. SCHNEIDERMAN	
8. Date of Delivery 4/29/10	
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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 26, 2010

Certified Mail/Return Receipt Requested

LAJ Corporation
P.O. Box 10626
Midland, TX 79701-0626

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

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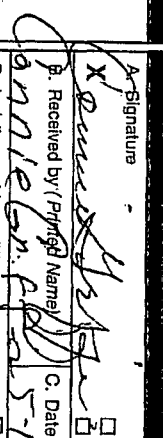
Sincerely,



Phillip Feiner
Vice President and General Counsel

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Postage	\$ 0.61
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Total Postage & Fees	\$ 5.71
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Sent to LAI Corporation P.O. Box 10626 <small>Street, Apt. No.,</small> Midland, TX 79701-0626 <small>City, State, ZIP+4</small>	
<small>PS Form 3811, February 2004</small>	
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SENDER: COMPLETE THIS SECTION	
1. Article Addressed to: LAI Corporation P.O. Box 10626 Midland, TX 79701-0626	
2. Article Number <small>(Transfer from service label)</small> 7009 2820 0002 1083 0338	
3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Registered <input type="checkbox"/> Insured Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Restricted Delivery ¹ (Extra Fee) <input type="checkbox"/> Yes <input type="checkbox"/> No	
4. Signature  <input type="checkbox"/> Agent <input type="checkbox"/> Addressee <input checked="" type="checkbox"/> Received by (Printed Name) Alex Azizi <input type="checkbox"/> Date of Delivery 5-10-10	
5. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
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Fort Worth, TX 76102

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Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Laura Boeckman
9115 Clearlake Dr.
Dallas, TX 75225

Re: Application for Expansion of Waterflood Project in the Cato San Andres Unit, Chaves County,
New Mexico

Dear Ms. Boeckman:

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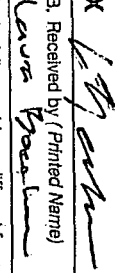
Sincerely,



Phillip Feiner
Vice President and General Counsel

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Postmark Here	
APR 26 2010	
Sent to Laura Boeckman	
9115 Clearlake Dr.	
Dallas, TX 75225	
City, State, ZIP+4	
PS Form 3800, August 2006	
See Reverse for Instructions	

54ED E9RT 2000 0282 6007

2. Article Number (Transfer from service label)	
PS Form 3811, February 2004	7009 2820 0002 1A83 0345
Domestic Return Receipt	
102595-02-M-1540	
1. Article Addressed to:	
Laura Boeckman 9115 Clearlake Dr. Dallas, TX 75225	
3. Service Type	
<input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail	
<input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise	
<input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
4. Restricted Delivery? (Extra Fee)	
<input type="checkbox"/> Yes	
SENDER: COMPLETE THIS SECTION	
COMPLETE THIS SECTION ON DELIVERY	
A. Signature	
X 	
B. Received by (Printed Name)	
Laura Boeckman	
C. Date of Delivery	
4/27/10	
D. Is delivery address different from item 1?	
If YES, enter delivery address below:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	

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

Phone (US) - 817.698.0900

Fax - 817.698.0796

April 26, 2010

Certified Mail/Return Receipt Requested

Coffman Family Trust
11280 Heritage Oaks
Shreveport, LA 71106

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Phillip Feiner
Vice President and General Counsel

U.S. Postal Service	
CERTIFIED MAIL RECEIPT	
<small>(Domestic Mail Only; No Insurance Coverage Provided)</small>	
<small>For delivery information visit our website at www.usps.com</small>	
OFFICIAL USE	
Postage	\$ 0.61
Certified Fee	2.80
Return Receipt Fee (Endorsement Required)	2.30
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 5.71
Postmark Here APR 26 2010	
Sent to: Coffman Family Trust	
11280 Heritage Oaks	
Shreveport, LA 71106	
<small>PS Form 3811, August 2005</small>	
<small>See Reverse for Instructions</small>	

2550 E99T 2000 0282 6002

SENDER: COMPLETE THIS SECTION	
1. Article Addressed to: Coffman Family Trust 11280 Heritage Oaks Shreveport, LA 71106	
2. Article Number (Transfer from service label) 7009 2820 0002 1883 0352	
PS Form 3811, February 2004	
Domestic Return Receipt	
3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Registered <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D. <input type="checkbox"/> Return Receipt for Merchandise	
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes <input type="checkbox"/> No	
5. Signature Phillip C. Feiner <input type="checkbox"/> Agent <input type="checkbox"/> Received by (Printed Name) Phyllis C. Larsen <input type="checkbox"/> Date of Delivery 4-28-10	
6. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
COMPLETE THIS SECTION ON DELIVERY	