

NEW MEXICO OIL CONSERVATION DIVISION  
- Engineering Bureau -

SWD-779 &  
SWD-780

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]  
[DD-Directional Drilling] [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]

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

[A] Location - Spacing Unit - Directional Drilling

☐ NSL ☐ NSP ☐ DD ☐ SD

MAY 24 2000

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

[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] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Russell Whited

  
Signature

  
Title

5-12-00  
Date

# JIM PIERCE

OIL AND GAS PROPERTIES  
SUITE 859  
PETROLEUM BUILDING  
200 WEST FIRST  
ROSWELL, NEW MEXICO 88201

PHONE 505-622-7246  
FAX 505-622-1711

May 12, 2000

New Mexico Oil Conservation Division  
Energy, Minerals & Natural Resources Department  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

Attention: Mr. Mark Ashley  
Hearing Examiner

Re: Application For Authorization To Inject

Elizabeth #1/API #30-005-60610  
Section 7: Unit Letter D  
(Bulls Eye San Andres) T-8-S, R-29-E

O'Brien Fee "18" #3/API #30-005-60725  
Section 18: Unit Letter N  
(Twin Lakes San Andres) T-8-S, R-29-E  
Chaves County, New Mexico

Dear Mr. Ashley:

On behalf of MEW Enterprises, enclosed for approval are Application For Authorization To Inject (Form C-108) and Administrative Application Coversheet concerning same, regarding our request to convert the captioned wells to water disposal.

All pertinent well data required is provided, including maps reflecting all wells and leases within a two mile radius of the proposed disposal wells and the tabulation of data on all wells of public record within a one-half mile radius, being the Area of Review, for each proposed water disposal well.

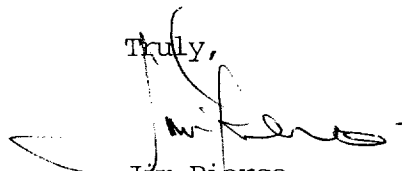
The information includes a description of each well type, construction, date drilled, location, depth, record of completion, and a schematic of all plugged wells illustrating all plugging detail.

Certified letters, including a copy of subject application as Proof of Notice, have been sent to all area operators within the Area of Review.

We appreciate your help and consideration in this matter.

Please contact us if you have questions or should need additional information.

Truly,



Jim Pierce  
Landman

JP/lm

Encl.

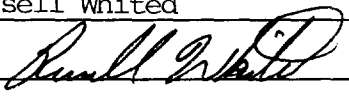
xc: MEW Enterprises

**APPLICATION FOR AUTHORIZATION TO INJECT**

- ✓ I. PURPOSE: Secondary Recovery Pressure Maintenance XX Disposal Storage  
Application qualifies for administrative approval? XX Yes No
- ✓ II. OPERATOR: MEW ENTERPRISES  
ADDRESS: 300 S. Kentucky Avenue Roswell, NM 88201  
CONTACT PARTY: Russell Whited PHONE: (505) 627-2065
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.  
Additional sheets may be attached if necessary.
- ✓ IV. Is this an expansion of an existing project? Yes X No  
If yes, give the Division order number authorizing the project: \_\_\_\_\_
- ✓ V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- ✓ VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
  2. Whether the system is open or closed;
  3. Proposed average and maximum injection pressure;
  4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
  5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- \*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- ✓ IX. Describe the proposed stimulation program, if any.
- ✓ \*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- \*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- ✓ XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Russell Whited

TITLE: Owner

SIGNATURE: 

DATE: May 12, 2000

\* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: \_\_\_\_\_

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

### 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, 2040 South Pacheco, Santa Fe, New Mexico 87505, within 15 days.

**NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.**

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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.

May 12, 2000

Page 2

Re: Application For Authorization To Inject

SUMMARY OF EXHIBITS

III. Well Date: See Attachments

IV. Existing Project: NO

V. Area of Review: See Attached Maps

VI. Tabulation of Data: See Attachments

VII. Proposed Operations:

1. Maximum daily rate is estimated at 250 bwpd  
Average daily rate is expected to be 110 bwpd
2. System will be closed.
3. Maximum injection pressure is estimated to be 800 psi  
Average injection pressure is estimated to be 400 psi
4. Injected fluid will be from the San Andres formation
5. Injection/disposal will be into the San Andres formation

VIII. Injection zone detail:

The estimated top of the San Andres formation is approximately 2,700'. It's base is estimated at 3,300', with an average thickness of approximately 120'.

The next underlying formation is the Glorieta formation estimated at 3,800'

IX. Stimulation: NONE

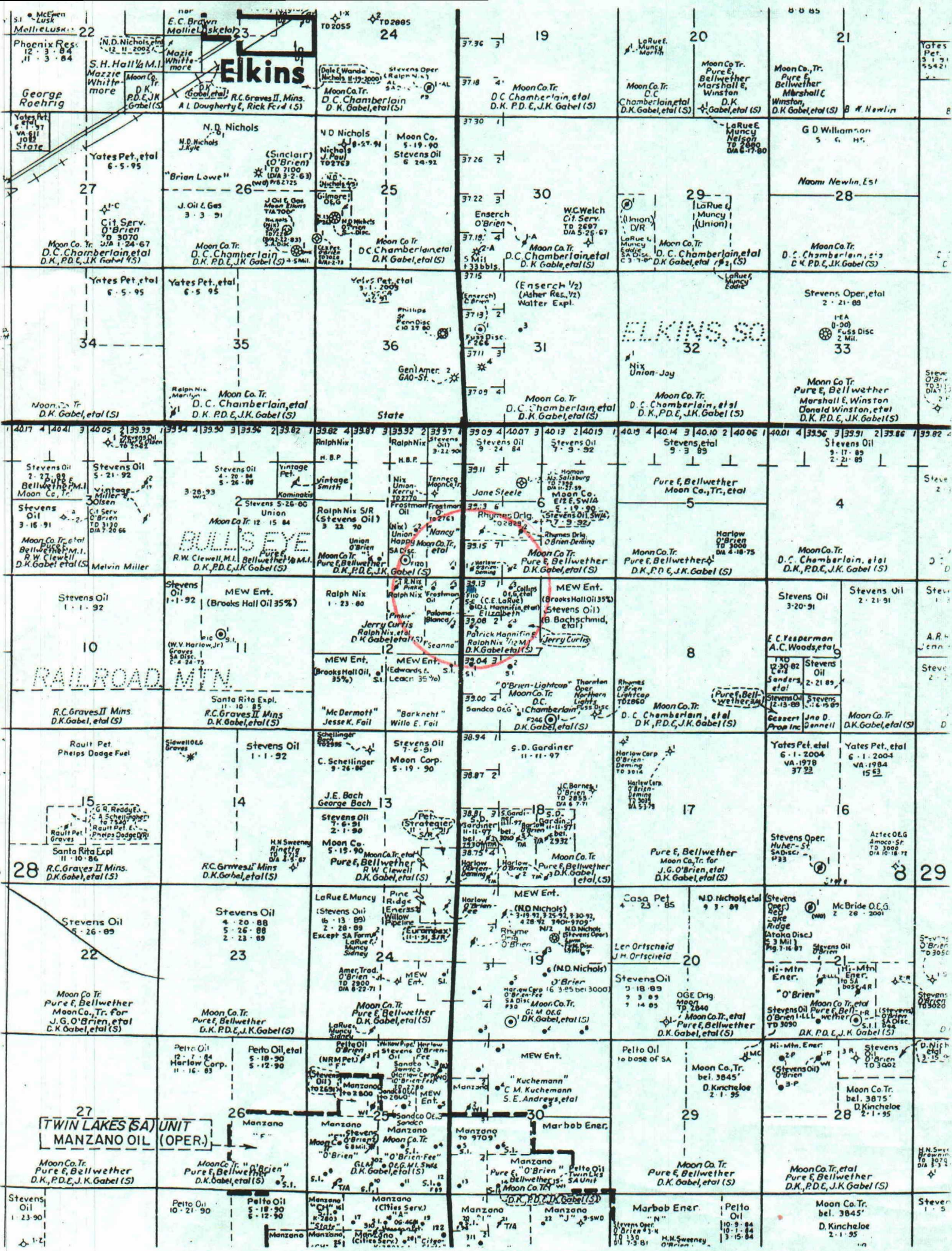
X. Logging and Test Data: Previously filed with Division

XI. Chemical Analysis:

XII. Affirmative Statement:

MEW Enterprises affirms that according to available public records and engineering data, no evidence to describe any open faults or hydrological connections between the subject disposal zone and any underground source of drinking water, to the best of my knowledge.

XIII. Proof of Notice: See attached USPS Certified Mail Receipts



[illegible]

EXHIBIT TO NMOCD C-108

**VI. Tabulation of Data**

Name: Ralph Nix Lease: Elizabeth Bat. #2 No.4 API # 30-005-60747

Type: Oil Location: 1650'FWL, 1650'FNL Sec. 7 Township 8S Range 29E

Field and Formation: Bulls Eye San Andres

Construction: 8 5/8" @ 230' cir. 12 sxs, 4 1/2" @ 2754' w/250 sxs, 2 3/8" @ 2733.7'

Date Drilled: 9/10/80 Depth: 2754' Open Hole: \_\_\_\_\_ Perforated: Yes

Completion: PBTD: 2754' Perfs 2674' - 2716'. San Andres

Name: Ralph Nix Lease: Elizabeth Bat. #2 No.3 API # 30-005-60744

Type: Oil Location: 330'FNL, 1650'FWL Sec. 7 Township 8S Range 29E

Field and Formation: Bulls Eye San Andres

Construction: 8 5/8" @ 237' w/100 sxs, cir. 10 sxs, 4 1/2" @ 2726' w/250 sxs.

Date Drilled: 9/12/80 Depth: 2726' Open Hole: \_\_\_\_\_ Perforated: Yes

Completion: PBTD: 2726'. Perfs: 2632' - 2674'. San Andres

EXHIBIT TO NMOCD C-108

**VI. Tabulation of Data**

**Name:** The Harlow Corp. **Lease:** 1 O'Brien-Lightcap "7" **API #** 30-005-60815

**Type:** Oil **Location:** 2310'FSL, 330'FWL **Sec.** 7 **Township** 8S **Range** 29E

**Field and Formation:** Bulls Eye - San Andres

**Construction:** 8 5/8" @ 129' w/20 sxs, 5 1/2" @ 2860' w/125 sxs.

**Date Drilled:** 2-26-81 **Depth:** 2860' **Open Hole:**            **Perforated:** Yes

**Completion:** PBTD: 2824'. Perfs: 2701' - 2745'. San Andres

**Name:** The Harlow Corp. **Lease:** 1 Barkneht **API #** 30-005-60817

**Type:** Oil **Location:** 2310'FSL, 330'FEL **Sec.** 12 **Township** 8S **Range** 28E

**Field and Formation:** Bulls Eye - San Andres

**Construction:** 8 5/8" @ 105' w/20 sxs, 5 1/2" @ 2861' w/125 sxs.

**Date Drilled:** 2-25-81 **Depth:** 2861' **Open Hole:**            **Perforated:** Yes

**Completion:** PBTD: 2812'. Perfs: 2718' - 2740'. San Andres

EXHIBIT TO NMOCD C-108

**VI. Tabulation of Data**

Name: Ralph Nix Lease: Elizabeth #2 API # 30-005-60705

Type: Oil Location: 1650'FNL, 330'FWL Sec. 7 Township 8S Range 29E

Field and Formation: Bulls Eye San Andres

Construction: 8 5/8" @ 258' w/150 sxs cir. 10 sxs. 4 1/2" @ 2928' w/150 sxs

Date Drilled: 6/24/80 Depth: 2928' Open Hole: \_\_\_\_\_ Perforated: Yes

Completion: PBTD: 2928'. Perfs: 2666' - 2686'. San Andres

Name: Ralph Nix Lease: Seanna #1 API # 30-005-60604

Type: Oil Location: 330'FNL, 990'FEL Sec. 12 Township 8S Range 28E

Field and Formation: Bulls Eye San Andres

Construction: 8 5/8" @ 236' w/125 sxs cir. 12 sxs; 4 1/2" @ 2796' w/250 sxs.

Date Drilled: 11/22/79 Depth: 2796' Open Hole: \_\_\_\_\_ Perforated: Yes

Completion: 8 5/8" @ 236' w/ 125 sxs, cir. w/12 sxs; 4 1/2" @ 2796' w/ 250 sxs.

PBTD: 2796'. Perfs: 2610' - 2651'. San Andres

EXHIBIT TO NMOCD C-108

**VI. Tabulation of Data**

Name: Ralph Nix Lease: Seanna #2 API # 30-005-60623

Type: Oil Location: 1650'FNL, 330'FEL Sec. 12 Township 8S Range 28E

Field and Formation: Bulls Eye San Andres

Construction: 8 5/8" @ 251' w/150 sxs, circ. 20 sxs; 4 1/2" @ 2875' w/250 sxs.

Date Drilled: 1/5/80 Depth: 2875' Open Hole: \_\_\_\_\_ Perforated: Yes

Completion: PBTD: 2875'. Perfs: 2656' - 2707'. San Andres

Name: Ralph Nix Lease: Seanna #3 API # 30-005-60735

Type: Oil Location: 330'FNL, 330'FEL Sec. 12 Township 8S Range 28E

Field and Formation: Bulls Eye San Andres

Construction: 8 5/8" @ 234' w/140 sxs; 4 1/2" @ 2687' w/250 sxs.

Date Drilled: 7/18/80 Depth: 2687' Open Hole: \_\_\_\_\_ Perforated: Yes

Completion: PBTD: 2687'. Perfs: 2625' - 2642'. San Andres

EXHIBIT TO NMOCD C-108

**VI. Tabulation of Data**

Name: Ralph Nix Lease: Nancy #1 API # 30-005-61267

Type: Oil Location: 330'FSL, 330'FEL Sec. 1 Township 8S Range 28E

Field and Formation: Bulls Eye San Andres

Construction: 8 5/8" @ 403' w/ 250 sxs circ.; 4 1/2" @ 2663' W/275 sxs.

Date Drilled: 3/29/82 Depth: 2663' Open Hole: \_\_\_\_\_ Perforated: Yes

Completion: PBTD: 2663'. Perfs: 2587' - 2633'. San Andres

Name: Ralph Nix Lease: Union- Happy #1 API # 30-005-60581

Type: Oil Location: 660'FSL, 1980'FEL Sec. 1 Township 8S Range 28E

Field and Formation: Bulls Eye San Andres

Construction: 8 5/8" @ 256' w/103 sxs circ.; 4 1/2" @ 2807' w/250 sxs.

Date Drilled: 9/25/79 Depth: 2807' Open Hole: \_\_\_\_\_ Perforated: Yes.

Completion: PBTD: 2807' Perfs: 2589' - 2616'. San Andres

Name: Ralph Nix Lease: Union - Happy #2 API # 30-005-60622

Type: Oil Location: 1650'FSL, 1650'FEL Sec. 1 Township 8S Range 28E

Field and Formation: Bulls Eye-San Andres

Construction: 8 5/8" @ 244' circ. w/150 sxs.; 4 1/2" @ 2800' w/250 sxs.

Date Drilled: 1/16/80 Depth: 2800' Open Hole: \_\_\_\_\_ Perforated: Yes

Completion: PBTD: 2800'. Perfs: 2568' - 2606'. San Andres.

EXHIBIT TO NMOCD C-108

**VI. Tabulation of Data**

**Name:** The Harlow Corporation **Lease:** O'Brien Fee "18" #1 **API #** 30-005-60619

**Type:** Oil **Location:** 330'FSL, 953'FWL **Sec.** 18 **Township** 8S **Range** 29E

**Field and Formation:** Twin Lakes San Andres

**Construction:** 8 5/8" @ 122' w/75 sxs; 5½" @ 2830' w/125 sxs.

**Date Drilled:** 1/5/80 **Depth:** 2830' **Open Hole:**  **Perforated:** Yes

**Completion:** PBTD: 2804'. Perfs: 2662' - 2674', 2678' - 2680'. San Andres

**Name:** The Harlow Corporation **Lease:** O'Brien Fee "18" #2 **API #** 30-005-60640

**Type:** Oil **Location:** 2310'FEL, 330'FSL **Sec.** 18 **Township** 8S **Range** 29E

**Field and Formation:** Twin Lakes - San Andres

**Construction:** 8 5/8" @ 135' w/75 sxs circ.; 5½ @ 2832' w/125 sxs.

**Date Drilled:** 4/16/80 **Depth:** 2832' **Open Hole:**  **Perforated:** Yes.

**Completion:** PBTD: 2804'. Perfs: 2679' - 2681', 2662' - 2672'. San Andres.

EXHIBIT TO NMOCD C-108

**VI. Tabulation of Data**

**Name:** The Harlow Corporation **Lease:** O'Brien Fee "18" #4 **API #** 30-005-60902

**Type:** Oil **Location:** 1650'FSL, 956'FWL **Sec.** 18 **Township** 8S **Range** 29E

**Field and Formation:** Twin Lakes - San Andres

**Construction:** 8 5/8" @ 125' w/4 yds., 5½" @ 2862' w/150 sx.

**Date Drilled:** 4/28/81 **Depth:** 2862' **Open Hole:**  **Perforated:** Yes

**Completion:** PBTD: 2820'. Perfs: 2665' - 2667', 2674' - 2676', 2698' - 2700',  
2705' - 2707'. San Andres

**Name:** The Harlow Corporation **Lease:** O'Brien Fee "18" #5 **API #** 30-005-61020

**Type:** Oil **Location:** 1650'FSL, 1963'FWL **Sec.** 18 **Township** 8S **Range** 29E

**Field and Formation:** Twin Lakes - San Andres

**Construction:** 8 5/8" @ 123' w/5 yds., 5½" @ 2820' w/125 sx.

**Date Drilled:** 9/16/81 **Depth:** 2820' **Open Hole:**  **Perforated:** Yes

**Completion:** PBTD: 2768', Perfs: 2684' 2688', 2677' - 2679', 2672' - 2674'.  
San Andres

EXHIBIT TO NMOCD C-108

**VI. Tabulation of Data**

Name: The Harlow Corporation Lease: O'Brien Fee "18" #6 API # 30-005-61246

Type: Oil Location: 1650' FSL, 2310' FEL Sec. 18 Township 8S Range 29E

Field and Formation: Twin Lakes - San Andres

Construction: 8 5/8" @ 110' w/4 yds., 5 1/2" @ 2814' w/125 sxs.

Date Drilled: 1/7/82 Depth: 2840' Open Hole: \_\_\_\_\_ Perforated: Yes

Completion: PBTD: 2806'. Perfs: 2686' - 2696', 2703' 2707'. San Andres

Name: \_\_\_\_\_ Lease: \_\_\_\_\_ API # \_\_\_\_\_

Type: \_\_\_\_\_ Location: \_\_\_\_\_ Sec. \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_

Field and Formation: \_\_\_\_\_

Construction: \_\_\_\_\_

Date Drilled: \_\_\_\_\_ Depth: \_\_\_\_\_ Open Hole: \_\_\_\_\_ Perforated: \_\_\_\_\_

Completion: \_\_\_\_\_

EXHIBIT TO NMOCD C-108

**VI. Tabulation of Data**

**Name:** N. Dale Nichols **Lease:** Lynx #1 **API #** 30-005-62160

**Type:** Gas **Location:** 1815'FNL, 1980'FEL **Sec.** 19 **Township** 8S **Range** 29E

**Field and Formation:** North Twin Lakes Fusselman

**Construction:** 13 3/8" @ 412' w/470 sxs; 8 5/8" @ 2125' w/300 sxs; 5 1/2" @ 7448'  
w/1680 sxs.

**Date Drilled:** 7/16/84 **Depth:** 7491' **Open Hole:**  **Perforated:** Yes

**Completion:** PBTD: 7451'. Perfs: 6852' - 6864'. Fusselman

**Name:** Collins Oil & Gas Corp. **Lease:** Elizabeth "C" #5 **API #** 30-005-62861

**Type:** Oil **Location:** 990'FNL, 330'FWL **Sec.** 7 **Township** 8S **Range** 29E

**Field and Formation:** Bulls Eye San Andres

**Construction:** 8 5/8" @ 765' w/400 sxs; 4 1/2" @ 2780' w/200 sxs.

**Date Drilled:** 7/21/91 **Depth:** 2780' **Open Hole:**  **Perforated:** Yes.

**Completion:** PBTD: 2780' Perfs: 2632' - 2677'. San Andres

EXISTING CONFIGURATION  
PLUGGED AND ABANDONED

EXHIBIT TO NMOC D C-108

12 1/4" HOLE

PERFORATE @ 300' CIRCULATED 65 SX TO SURFACE  
IN ANNULUS AND CASING

8 5/8" CASING SET @ 251'  
CEMENTED W/ 125 SX.  
.4127 CU. FT./FT.  
CIRCULATED

FILLED HOLE WITH MUD

TAGGED @ 1500'

T.O.C. EST. @ 1700'

RALPH NIX  
PINKIE #1  
330' FNL & 2310' FEL  
SECTION 12-T8S-R28E  
CHAVES COUNTY, NEW MEXICO  
LEASE No.: FEE  
API No.: 30-005-60609  
SPUD DATE 10/31/79

7 7/8" HOLE

SPOT 120 SX "C" @2750', TAGGED @ 1500'

PERFORATIONS 2606-2645'

4 1/2" CASING @ 2820'  
CEMENT W/ 250 SX.  
.2278 CU. FT./FT.

EXISTING CONFIGURATION  
PLUGGED AND ABANDONED

1" HOLE

8 5/8" CASING SET @ 126'  
CEMENTED W/ 75 SX  
.2542 CU. FT./FT.  
CIRCULATED

PERFORATE @ 175' AND CIRCULATE 85 SX CEMENT TO SURFACE

RHYMES DRILLING CO.  
O'BRIEN-DEMING "6" #1  
1650' FSL & 660' FWL  
SECTION 6-T8S-R29E  
CHAVES COUNTY, NEW MEXICO  
LEASE No.: FEE  
API No.: 30-005-60634  
SPUD DATE 4/24/83

TAGGED @ 1364'

PERFORATE @ 1550'  
SQUEEZE W/ 45 SX "C" W/ 2% CACL

HOLE FILLED WITH MUD

7 7/8" HOLE

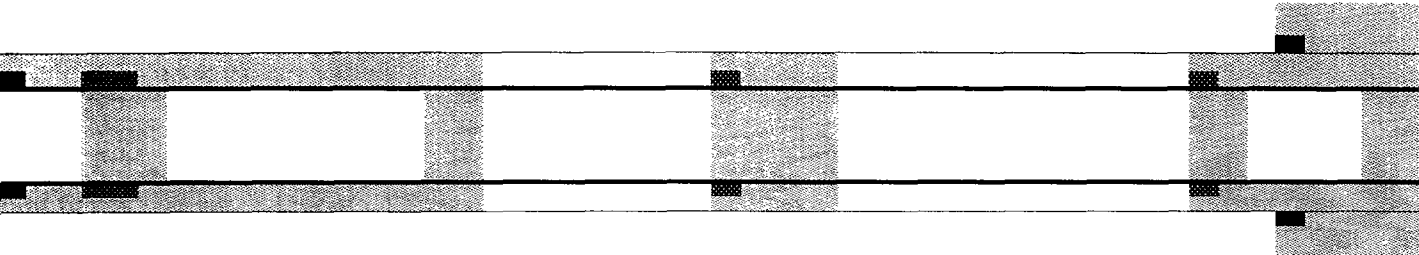
T.O.C. EST. @ 2000'

25 SX "C" SPOTTED @ 2200'

DISPLACE 50 SX CEMENT, TAGGED @ 2543'  
PERFORATIONS 2599-2624'

4 1/2" CASING @ 2722'  
CEMENT W/ 150 SX  
.2278 CU. FT./FT.

EXISTING CONFIGURATION  
PLUGGED AND ABANDONED



PUMP 10 SX SURFACE PLUG  
11" HOLE

8 5/8" CASING SET @ 129'  
CEMENTED W/75 SX  
.2542 CU. FT./FT.  
CIRCULATED

PERFORATE @ 175' AND CIRCULATE CEMENT TO SURFACE

RHYMES DRILLING CO.  
OBRIEN-DEMING "6" #2  
1650' FSL & 1650' FWL  
SECTION 6-T8S-R29E  
CHAVES COUNTY, NEW MEXICO  
LEASE No.: FEE  
API No.: 30-005-60730  
SPUD DATE 4/28/83

TAGGED @ 1300'

PERFORATE @ 1550'  
SQUEEZE W/ 45 SX "C" W/ 2% CACL

HOLE FILLED WITH MUD

7 7/8" HOLE

T.O.C. EST. @ 2000'

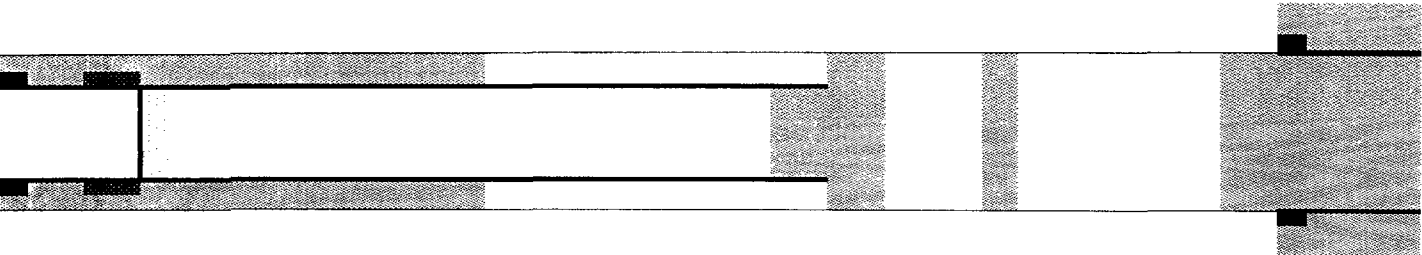
25 SX "C" SPOTTED @ 2100'

DISPLACE 35 SX CEMENT, TAGGED @ 2530'

PERFORATIONS 2584-2641'

4 1/2" CASING @ 2750'  
CEMENT W/ 175 SX  
.2278 CU. FT./FT.

EXISTING CONFIGURATION  
PLUGGED AND ABANDONED



11" HOLE

55 SX PLUG SURFACE - 175'

8 5/8" CASING SET @ 125'  
CEMENTED W/ 6 YDS. RED-MIX  
.2542 CU. FT./FT.

CIRCULATED

BABER WELL SERVICING  
O'BRIEN "19" #2  
990' FNL & 1650' FWL  
SECTION 19-T8S-R29E  
CHAVES COUNTY, NEW MEXICO  
LEASE No.: FEE  
API No.: 30-005-62045  
SPUD DATE 9/9/83

25 SX @ 975'

25 SX PLUG 1650-1538'

CUT CASING @ 1607'

7 7/8" HOLE

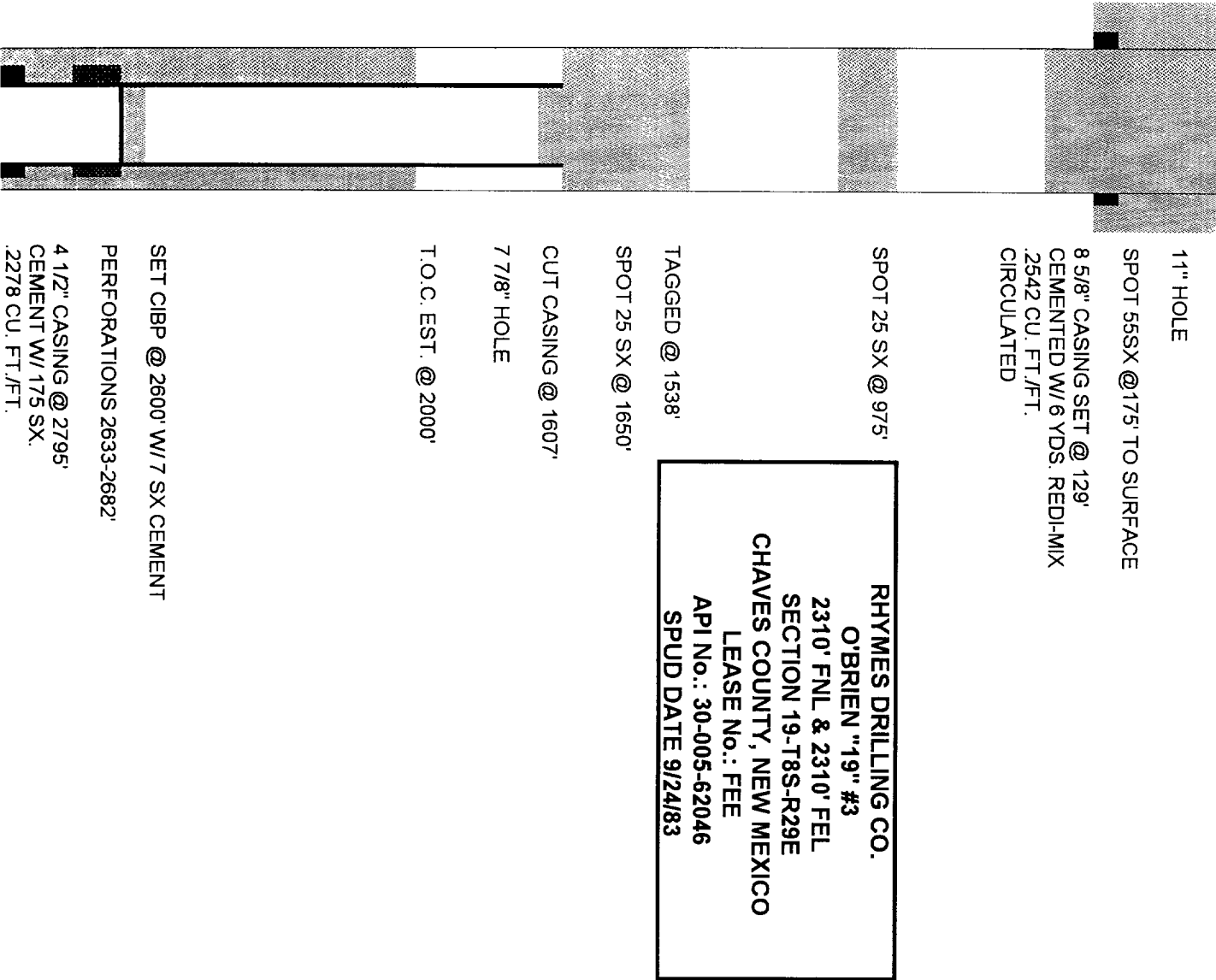
T.O.C. EST. @ 2000'

CIBP @ 2600' W/ 7 SX OF CEMENT

PERFORATIONS 2659-2702'

4 1/2" CASING @ 2782'  
CEMENT W/ 175 SX  
.2278 CU. FT./FT.

EXISTING CONFIGURATION  
PLUGGED AND ABANDONED



EXISTING CONFIGURATION  
SHUT-IN

12 1/4" HOLE

8 5/8" CASING SET @ 266'  
CEMENTED W/ 125 SX.  
.4127 CU. FT./FT.  
CIRCULATED

RALPH NIX  
ELIZABETH #1  
330' FNL & 330' FWL  
SECTION 7-T8S-R29E  
CHAVES COUNTY, NEW MEXICO  
LEASE No.: FEE  
API No.: 30-005-60610  
SPUD DATE 11/14/79

T.O.C. EST. @ 1700'

7 7/8" HOLE

2 3/8" TUBING

PERFORATIONS 2618-2660'  
4 1/2" CASING @ 2840'  
CEMENT W/ 250 SX.  
.2278 CU. FT./FT.

PROPOSED CONFIGURATION  
WATER DISPOSAL

12 1/4" HOLE

8 5/8" CASING SET @ 266'  
CEMENTED W/ 125 SX.  
.4127 CU. FT./FT.  
CIRCULATED

T.O.C. EST. @ 1700'

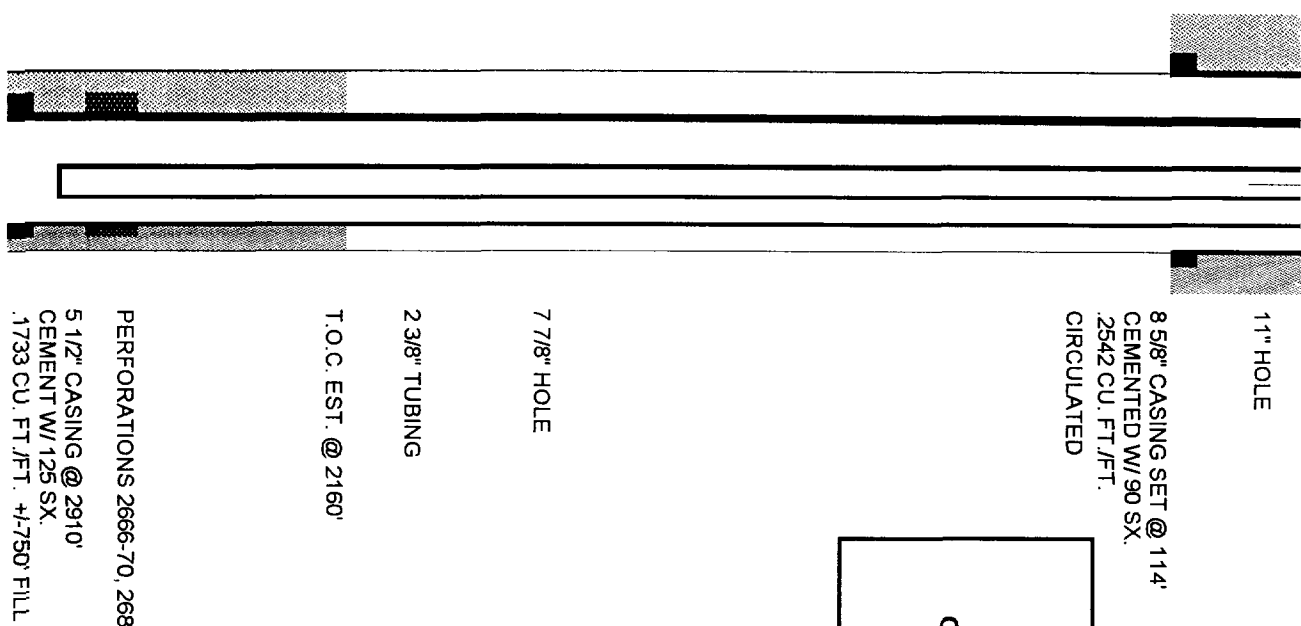
7 7/8" HOLE

2 3/8" P.C. TUBING

PACKER @ +/-2570'  
PERFORATIONS 2618-2660'  
4 1/2" CASING @ 2840'  
CEMENT W/ 250 SX.  
.2278 CU. FT./FT.

**EXISTING CONFIGURATION  
PRODUCING**

EXHIBIT TO NMOC D C-108



11" HOLE

8 5/8" CASING SET @ 114'  
CEMENTED W/ 90 SX.  
.2542 CU. FT./FT.  
CIRCULATED

THE HARLOW CORPORATION  
O'BRIAN FEE "18" #3  
330' FSL & 1963 ' FWL  
SECTION 18-T8S-R29E  
CHAVES COUNTY, NEW MEXICO  
LEASE No.: FEE  
API No.: 30-00560725  
SPUD DATE 6/12/80

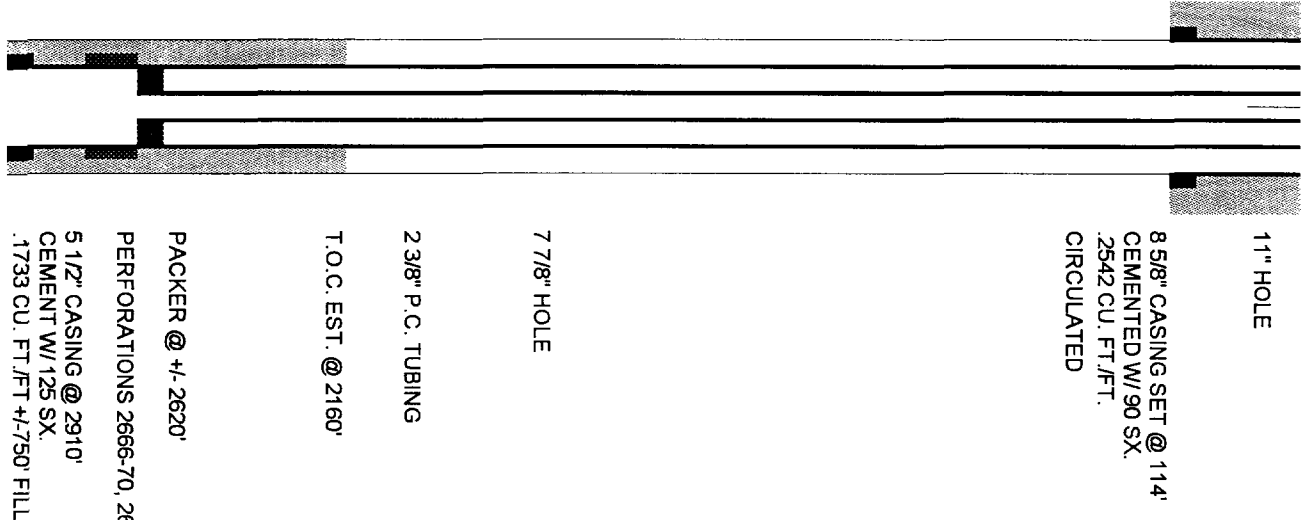
7 7/8" HOLE

2 3/8" TUBING

T.O.C. EST. @ 2160'

PERFORATIONS 2666-70, 2689-91, 2706-08'  
5 1/2" CASING @ 2910'  
CEMENT W/ 125 SX.  
1733 CU. FT./FT. +/-750' FILL

**PROPOSED CONFIGURATION  
WATER DISPOSAL**



11" HOLE

8 5/8" CASING SET @ 114'  
CEMENTED W/ 90 SX.  
.2542 CU. FT./FT.  
CIRCULATED

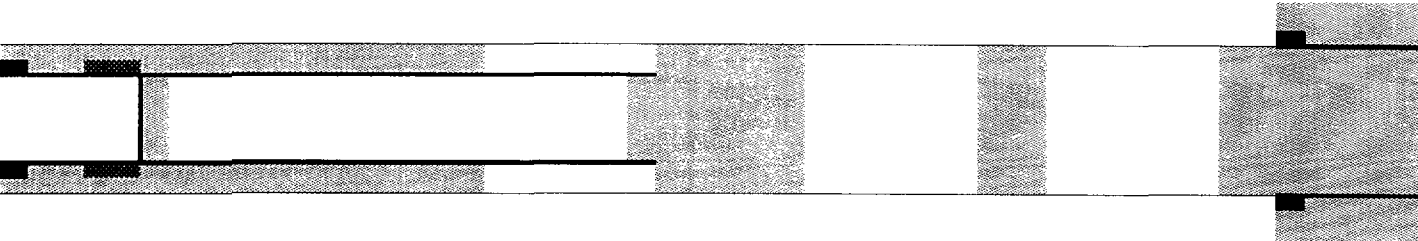
7 7/8" HOLE

2 3/8" P.C. TUBING

T.O.C. EST. @ 2160'

PACKER @ +/- 2620'  
PERFORATIONS 2666-70, 2689-91, 2706-08'  
5 1/2" CASING @ 2910'  
CEMENT W/ 125 SX.  
1733 CU. FT./FT. +/-750' FILL

EXISTING CONFIGURATION  
PLUGGED AND ABANDONED



11" HOLE

SPOT 55SX @175' TO SURFACE

8 5/8" CASING SET @ 125'  
CEMENTED W/ 30 SX.  
.2542 CU. FT./FT.  
CIRCULATED

SPOT 25 SX @ 975'

RHYMES DRILLING CO.  
O'BRIEN "19" #1  
2310' FNL & 660' FWL  
SECTION 19-T8S-R29E  
CHAVES COUNTY, NEW MEXICO  
LEASE No.: FEE  
API No.: 30-005-62044  
SPUD DATE 9/16/83

TAGGED @ 1518'

SPOT 25 SX @ 1630'

CUT CASING @ 1595'

7 7/8" HOLE

T.O.C. EST. @ 2000'

SET CIBP @ 2600' W/ 7 SX CEMENT

PERFORATIONS 2648.5-2695'

4 1/2" CASING @ 2825'  
CEMENT W/ 175 SX.  
.2278 CU. FT./FT.

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

**3. Article Addressed to:**

N. Dale Nichols  
P. O. Box 1972  
Midland, Texas 79702-1972

**4a. Article Number**

Z 150 280 659

**4b. Service Type**

- |                                                         |                                               |
|---------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Registered                     | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail                   | <input type="checkbox"/> Insured              |
| <input type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD                  |

**7. Date of Delivery**

MAY 1 8 2000

**5. Received By: (Print Name)**

**8. Addressee's Address (Only if requested and fee is paid)**

**6. Signature: (Addressee or Agent)**

X 

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.