

**CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS**

Operator: READY OYG Well: WILLS Fed Nos. 34 & 43

Contact: Buddy DeLong Title: owner Phone: \_\_\_\_\_

DATE IN \_\_\_\_\_ RELEASE DATE \_\_\_\_\_ DATE OUT 505-484-3135

Proposed Injection Application is for:  **WATERFLOOD**  **Expansion**  **Initial** REINSTATE

Original Order: R- 263 \_\_\_\_\_ Secondary Recovery \_\_\_\_\_ Pressure Maintenance

**SENSITIVE AREAS** \_\_\_\_\_ **SALT WATER DISPOSAL** \_\_\_\_\_ Commercial Well

**WIPP** \_\_\_\_\_ Capitan Reef

Data is complete for proposed well(s) YES Additional Data Req'd \_\_\_\_\_

**AREA of REVIEW WELLS**

56 Total # of AOR \_\_\_\_\_ # of Plugged Wells

YES Tabulation Complete \_\_\_\_\_ Schematics of P & A's

YES Cement Tops Adequate \_\_\_\_\_ AOR Repair Required

**INJECTION FORMATION**

Injection Formation(s) YALCS \_\_\_\_\_ Compatible Analysis \_\_\_\_\_

Source of Water or Injectate AREA PRODUCTION \_\_\_\_\_

**PROOF of NOTICE**

Copy of Legal Notice \_\_\_\_\_ Information Printed Correctly

Correct Operators \_\_\_\_\_ Copies of Certified Mail Receipts

NO Objection Received \_\_\_\_\_ Set to Hearing \_\_\_\_\_ Date

**NOTES:**

**APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL? YES**

**COMMUNICATION WITH CONTACT PERSON:**

1st Contact:  Telephoned \_\_\_\_\_ Letter 11-18 Date \_\_\_\_\_ Nature of Discussion \_\_\_\_\_

2nd Contact:  Telephoned \_\_\_\_\_ Letter 11-24 Date \_\_\_\_\_ Nature of Discussion PSI INFO

3rd Contact: \_\_\_\_\_ Telephoned \_\_\_\_\_ Letter \_\_\_\_\_ Date \_\_\_\_\_ Nature of Discussion \_\_\_\_\_

NOV 3 1998

**APPLICATION FOR AUTHORIZATION TO INJECT**

I. PURPOSE:  Secondary Recovery  Pressure Maintenance  Disposal  Storage  
Application qualifies for administrative approval?  Yes  No

II. OPERATOR: Ready Oil & Gas Mgt.

ADDRESS: P.O. Box 381

CONTACT PARTY: Buddy DeLong PHONE: 505 484-3135

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project?  Yes  No  
If yes, give the Division order number authorizing the project: R-263

**REINSTATE**

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: Buddy DeLong TITLE: OPERATOR

SIGNATURE: Buddy DeLong DATE: 10-27-98

\* 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: \_\_\_\_\_

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.**

October 27, 1998

## Summary of Exhibits

**III.** Well data: See attachments

**IV.** Existing Project: **R-263**

**V.** Area of Review : See attached maps

**VI.** Tabulation of Data : See attachments

**VII.** Proposed Operations:

1. Maximum daily rate is estimated at 1,440 bpd.  
Average daily rate is expected to be 500 bpd.
2. System will be closed
3. Maximum injection pressure is expected to be 700 psi  
Average injection pressure is expected to be 500 psi.
4. Injected fluid shall be from the Yates Formation
5. Injection will be into the Yates Formation for the purpose of Secondary Recovery.

**VIII.** Injection zone detail:

The estimated top of Rustler formation ( containing shallow ground water) is 70'  
it's base is estimated at 85'.

The Yates formation top is between 650' to 700' its base is between 800' to 900'  
with an average thickness of 25'

The next underlying formation is the Seven Rivers formation ( containing oil and  
gas) estimated at 1,042' in Sec. 13, Twp. 20 s, rge, 28e.

**IX.** Stimulation: None

**X.** Logging and test info : These have been previously submitted( see R-263)

**XI.** Chemical analysis: No operable fresh water well within one mile radius of proposed area of review.

**XII. Affirmative statement:**

**Ready Oil and Gas Affirms that according to available public records and available engineering data no evidence to describe any open faults or hydrological connections between the subject injection zone and any underground source of drinking water, to the best of my knowledge.**

A handwritten signature in black ink, appearing to read "Buddy DeLong", written in a cursive style.

**Buddy DeLong 10/27/98**

**XIII.** Proof of Notice: See attached USPS Certified Mail Receipts to OXY USA and THUNDERBOLT PETROLEUM both of Midland, TX.

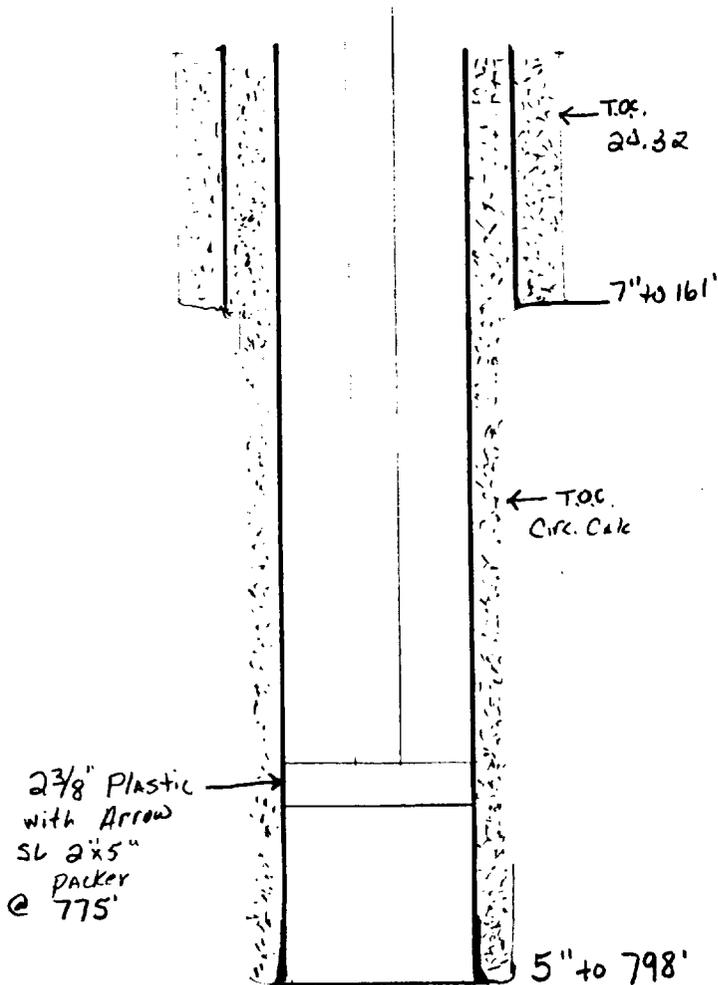
**Exhibit to NMOCD C-108**

III. Well Data

**Ready Oil and Gas Management**

API # 300151-04200 Lease: Wills Well: # 34 NMLC059797  
 2630 fml 1980 fwl Sec.13 Twn:20s Rng: 28e Eddy Co. NM

Wellbore Schematic



TD-827'

Well Construction Data  
Surface Casing

Hole size: 8 5/8" Casing Size: 7" to 161'

Cemented with: 15 sx. or \_\_\_\_\_ ft3

Top of Cement: 20.32 Meth. det: CALC.

Intermediate casing

Hole size: N/A Casing Size: N/A

Cemented with: NA sx. or NA ft3

Top of Cement: NA Meth. Det. NA

Production Casing

Hole size: 6 1/4" Casing Size: 5" to 798'

Cemented with: 60 sx. or \_\_\_\_\_ ft3

Top of Cement: Circ. Meth. Det. CALC.

Total Depth: 827

Injection Interval

798' feet to 827'

Perforated \_\_\_\_\_ Open Hole

Tubing

Size: 2 3/8 Lining: PLASTIC

Packer: Arrow SL Depth: 775'

Additional Data

Well drilled for? Production

Injection Formation Yates

Field or Pool Russell

Perforated in other zones NO

Next upper zone NONE

Next Lower Zone Seven Rivers

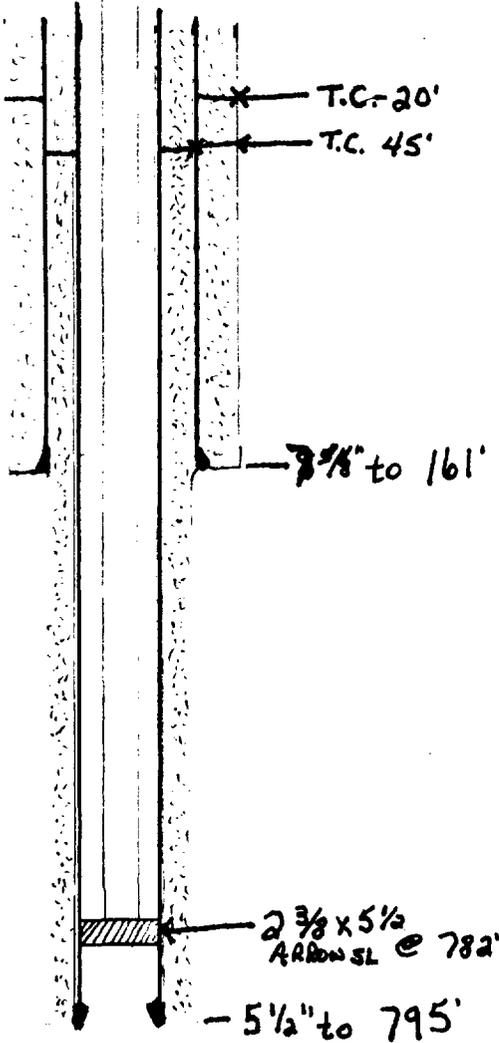
**Exhibit to NMOCD C-108**

**III. Well Data**

**Ready Oil and Gas Management**

API # 300152-02290 Lease: Wills Well: #43 NMLC059797  
 1990 fsl 1337 fwl Sec.13 Twn:20s Rng: 28e Eddy Co. NM

**Wellbore Schematic**



TD @ 828

**Well Construction Data**  
**Surface Casing**

Hole size: 8 5/8" Casing Size: 7"  
 Cemented with: 15 sx. or \_\_\_\_\_ ft3  
 Top of Cement: 20' Meth. det: CALC.

**Intermediate casing**

Hole size: NA Casing Size: NA  
 Cemented with: NA sx. or NA ft3  
 Top of Cement: NA Meth. Det. NA

**Production Casing**

Hole size: 6 1/4" Casing Size: 5 1/2"  
 Cemented with: 50 sx. or \_\_\_\_\_ ft3  
 Top of Cement: 45' Meth. Det. CALC.  
 Total Depth: 828

**Injection Interval**

795 feet to 828  
 Perforated \_\_\_\_\_ Open Hole

**Tubing**

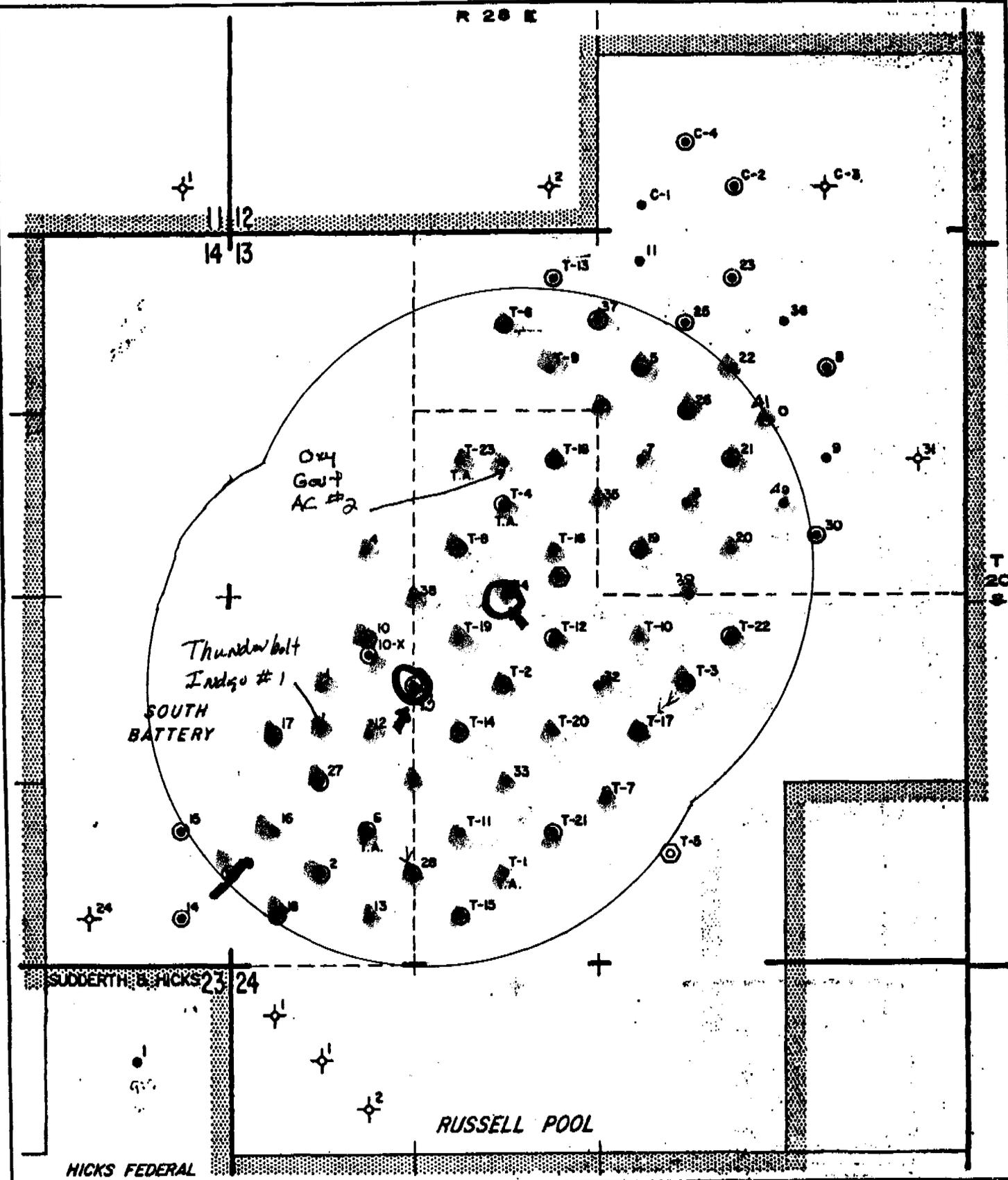
Size: 2 3/8 Lining: Plastic  
 Packer: Arrow SL Depth: \_\_\_\_\_

**Additional Data**

Well drilled for? Production  
 Injection Formation Yates  
 Field or Pool Russell  
 Perforated in other zones NO  
 Next upper zone NONE  
 Next Lower Zone 7-Rivers

V.

R 28 E



SUDDERTH & HICKS 23 24

HICKS FEDERAL

RUSSELL POOL

LEGEND

- PRODUCING OIL WELL
- ⊙ WATER INJECTION WELL
- ⊕ WATER SUPPLY WELL
- ✦ DRY HOLE

SCALE



EXHIBIT TO NMOCD C-108

**VI. Tabulation of Data**

NAME: Oxy USA LEASE: Gov't 2 API# 30-015-21514

Type: Oil Location: 1800FWL 1980FWL Sec: 13 Township: 20s Range: 28e

Construction: 13 3/8" 48# @ 900' w 775' SAK Circulated to Surface

9 5/8" 36# @ 3000' w 1,100 SAKS Circulated.

5 1/2" 17+20# @ 11,610 P.B.T.D. 5,240 Top of Cement 2,740' (Bond log)

Date Drilled: 6-75 Depth: 5,240 Open Hole \_\_\_\_\_ Perforated

Completion: PB Marrow, Bone Springs, Open Brushy Canyon 5216-5230  
Acidized w 1000 gals 15% NEFE

NAME: Thunderbolt Pet. LEASE: Indigo API# 30-015-26472

Type: Oil Location: 1650 FSL 660 FWL Sec: 13 Township: 20s Range: 28e

Construction: 13 3/8" to 300' w 330' SK Circulated

8 5/8" to 2,875' w 1320 SK 1" with 200 SK.

5 1/2" to 7,800" w 1050 SK

P.B.T.D. - 5,320 Delaware @ 5009'

Date Drilled: 2-7-91 Depth: 7,800 Open Hole \_\_\_\_\_ Perforated

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

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: RUSSELL #1 API # 300152-64910

Type: Oil Location: 1170 FNL 1965 FWL Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 8 5/8 to 302' w 300 sx Circulated  
4 1/2 to 1100' w 250 sx Circulated

Date Drilled: 12-02-90 Depth: 972 (PB) Open Hole \_\_\_\_\_ Perforated X

Completion: 800-805 10 HLS 1500 gals. 15% NEEF, 859-865 12 HLS  
NO treatment, 911-923 20 HLS 3000 gals 15% NEEF,

NAME: Ready Oil & Gas Management LEASE: \_\_\_\_\_ API # 30015 -

Type: Oil Location: \_\_\_\_\_ Sec: \_\_\_\_\_ Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

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

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

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

NAME: Ready Oil & Gas Management LEASE: \_\_\_\_\_ API # 30015 -

Type: Oil Location: \_\_\_\_\_ Sec: \_\_\_\_\_ Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

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

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

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

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: CROSBY # 1 API # 300150 - 23450

Type: Oil Location: 330 FSL 2310 FEL Sec: 12 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 8 5/8 to 471 W 50 SK MUD  
7" to 751 W 75 SK

Date Drilled: 12-3-44 Depth: 881 Open Hole X Perforated \_\_\_\_\_

Completion: 75 gts 844-881

NAME: Ready Oil & Gas Management LEASE: CROSBY # 2 API # 300150 - 23460

Type: Oil Location: 330 FSL 1650 FEL Sec: 12 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 7" to 765 W 100 SK  
5 1/2 to 775 W 100 SK

Date Drilled: 3-23-45 Depth: 908 Open Hole X Perforated \_\_\_\_\_

Completion: 70 gts 863 - 900

NAME: Ready Oil & Gas Management LEASE: CROSBY # 4 API # 300150 - 23480

Type: Oil Location: 663 FSL 2000 FEL Sec: 12 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 7" to 746 W 125 SK Circulated

Date Drilled: 10-18-48 Depth: 890 Open Hole X Perforated \_\_\_\_\_

Completion: 30 gts 869 - 884

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: Turner 1 API # 300150-23500

Type: Oil Location: 6605 1980W Sec: 13 Township: 20-S Range: 28-E

Field and Formation: Russell Yates

Construction: 7" @ 712' w 75 sx

Date Drilled: 9-14-42 Depth: 908 Open Hole  Perforated

Completion: 40 pts 790-810

NAME: Ready Oil & Gas Management LEASE: Turner 2 API # 300150-23510

Type: Oil Location: 19805 1980W Sec: 13 Township: 20-S Range: 28-E

Field and Formation: Russell Yates

Construction: 8 5/8" to 470'  
7" to 724' w 50 sx

Date Drilled: 10-26-1942 Depth: 858 Open Hole  Perforated

Completion: 30 pts 812-827

NAME: Ready Oil & Gas Management LEASE: Turner 3 API # 30015 -

Type: Oil Location: \_\_\_\_\_ Sec: \_\_\_\_\_ Township: 20-S Range: 28-E

Field and Formation: Russell Yates

Construction: 9 1/2" to 473' w 50 sx  
7 to 725' w 50 sx

Date Drilled: 2-25-43 Depth: 869 Open Hole  Perforated

Completion: 30 pts 845-860

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: TURNER # 4 API # 300150-23780

Type: Oil Location: 1980 N 1980 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 9" to 453' W 50 SX  
7" to 725" W 50 SX

Date Drilled: 4-7-43 Depth: 815 Open Hole  Perforated

Completion: 30 qts 794-805

NAME: Ready Oil & Gas Management LEASE: TURNER # 5 API # 300158-80210

Type: Oil Location: 705 S 2025 E Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 10" @ 222' mudded  
8 5/8" @ 566' W 50 SX  
7" @ 710' W 50 SX

Date Drilled: 6-3-43 Depth: 1028 Open Hole  Perforated

Completion: 40 qts 842-862

NAME: Ready Oil & Gas Management LEASE: TURNER # 6 API # 300150-23790

Type: Oil Location: 660 N 8300 E Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 10" @ 190'  
8 5/8" @ 365  
7" @ 732 W 100 SX

Date Drilled: 9-4-43 Depth: 850 Open Hole  Perforated

Completion: 40 qts 825-845 845-850

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: TURNER # 7 API # 300150-23610

Type: Oil Location: 990 S 2310 E Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 8 1/4" @ 354' Circ.

7" @ 714' W 75 5x

Date Drilled: 9-18-44 Depth: 835 Open Hole  Perforated

Completion: 45 qts 806 830

NAME: Ready Oil & Gas Management LEASE: TURNER # 8 API # 300150-23800

Type: Oil Location: 2310 N 1650 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 10" @ 212' 50 5x Mud

7" @ 702' 75 5x

Date Drilled: 10-24-44 Depth: 816 Open Hole  Perforated

Completion: 50 qts 787 - 813

NAME: Ready Oil & Gas Management LEASE: TURNER # 9 API # 300150-23810

Type: Oil Location: 1017 N 2339 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 10" @ 214'

8" @ 450' W 50 5x

7" @ 728 W 75 5x

Date Drilled: 6-6-48 Depth: 870 Open Hole  Perforated

Completion: 5 qts 845 - 860

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: TURNER #10 API # 300150-23820

Type: Oil Location: 2322 S 2337 Sec: E Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 8 5/8" @ 294' w 25 sk mud  
7" @ 706' w 100 sk EL TORO

Date Drilled: 5-1-45 Depth: 870 Open Hole  Perforated

Completion: SO g/b 845-870

NAME: Ready Oil & Gas Management LEASE: TURNER #11 API # 300150-23830

Type: Oil Location: 959 S 1669 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 8 5/8" to 283' w  
7" to 703' w 100 sk EL TORO

Date Drilled: 5-25-45 Depth: 814 Open Hole  Perforated

Completion: SO g/b 788-813

NAME: Ready Oil & Gas Management LEASE: TURNER #12 API # 300150-23880

Type: Oil Location: 2322 S 2339 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 8 5/8" @ 287' w ?  
7" @ 765' w 100 EL TORO

Date Drilled: 7-24-45 Depth: 852 Open Hole  Perforated

Completion: SO g/b 826-850

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: TURNER # 13 API # 300150-23840

Type: Oil Location: 331 N 2339 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 8 5/8" @ 354' w Mudded hole  
7" @ 745' w 100 sx Circulated to Surface

Date Drilled: 6-19-46 Depth: 847 Open Hole  Perforated

Completion: 50 gts 845-847

NAME: Ready Oil & Gas Management LEASE: TURNER # 14 API # 300150-23850

Type: Oil Location: 1658 S 1669 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 8 5/8" @ 362' mudded hole  
7" @ 712' w 75 sx

Date Drilled: 7-14-46 Depth: 835 Open Hole  Perforated

Completion: 50 gts 831-835

NAME: Ready Oil & Gas Management LEASE: TURNER # 15 API # 300150-23860

Type: Oil Location: 331 S 1669 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 8 5/8" @ 318' mudded hole  
7" @ 695' w 75 sx, Circulated

Date Drilled: 9-16-46 Depth: 810 Open Hole  Perforated

Completion: 40 gts 790"-810'

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: TURNER # 16 API # 300150-23870

Type: Oil Location: 2321 N 2339 W Sec: 13 Township: 20-S Range: 28-E

Field and Formation: Russell Yates

Construction: 8 5/8" @ 301' mudded  
7" @ 731' w 75 sk. Circulated between strings

Date Drilled: 11-27-46 Depth: ~~800~~-826 Open Hole  Perforated

Completion: 60 gto. 796-826

NAME: Ready Oil & Gas Management LEASE: TURNER # 17 API # 300150-23890

Type: Oil Location: 1656 S 2338 E Sec: 13 Township: 20-S Range: 28-E

Field and Formation: Russell Yates

Construction: 8 5/8" to 316' mudded  
7" to 728' w 75 sk Circulated between strings

Date Drilled: 2-20-47 Depth: 844 Open Hole  Perforated

Completion: 40 gto. 824-844

NAME: Ready Oil & Gas Management LEASE: TURNER # 18 API # 300150-23900

Type: Oil Location: 1658 N 2339 W Sec: 13 Township: 20-S Range: 28-E

Field and Formation: Russell Yates

Construction: 8 5/8" to 293' mudded  
7" to 734' w 75 sk. Circulated between strings

Date Drilled: 4-2-47 Depth: 829 Open Hole  Perforated

Completion: 60 gto. 799-829

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: TURNER # 19 API # 300150-23910

Type: Oil Location: 2322 S 1669 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 8 7/8" @ 282' mudded  
7" @ 716' w 75 sk Circulated strings

Date Drilled: 5-12-47 Depth: 834 Open Hole  Perforated

Completion: 60 gals 803-833

NAME: Ready Oil & Gas Management LEASE: TURNER # 20 API # 300150-23920

Type: Oil Location: 1658 S 2339 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 8 5/8" @ 969' w 200 sk

Date Drilled: 7-9-48 Depth: 824 Open Hole  Perforated

Completion: 50 gals 797-822

NAME: Ready Oil & Gas Management LEASE: TURNER # 21 API # 300150-23930

Type: Oil Location: 959 S 2335 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 7" @ 686' w 125 sk Circulated

Date Drilled: 7-17-48 Depth: 820 Open Hole  Perforated

Completion: 50 gals 795-820

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: Turner 22 API # 300150 - 23760

Type: Oil Location: 2322 S 1669 E Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 7" @ 742' w 125' sq. Circulated

Date Drilled: 8-2-48 Depth: 869 Open Hole  Perforated

Completion: 40 gals 849-869

NAME: Ready Oil & Gas Management LEASE: Turner 23 API # 300150 - 23770

Type: Oil Location: 1658 N 1669 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 7" @ 682' w 125' sq. Circulated

Date Drilled: 7-24-48 Depth: 804 Open Hole  Perforated

Completion: 30 gals 789 to 804

NAME: Ready Oil & Gas Management LEASE: \_\_\_\_\_ API # 30015 -

Type: Oil Location: \_\_\_\_\_ Sec: \_\_\_\_\_ Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

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

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

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

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: Wills #1 API # 300150-23520

Type: Oil Location: 1980 FSL 660 FUL Sec: 13 Township: 20-S Range: 28-E

Field and Formation: RUSSELL - YATES

Construction: 8 5/8 to 446' w 50 SX  
7" to 740' w 50 SX CIRC.

Date Drilled: 3-25-42 Depth: 817 Open Hole  Perforated

Completion: 30 gts 785-805

NAME: Ready Oil & Gas Management LEASE: Wills #2 API # 300150-23550

Type: Oil Location: 660 FSL 660 FUL Sec: 13 Township: 20-S Range: 28-E

Field and Formation: RUSSELL - YATES

Construction: 8 5/8 to 430' w 50 SX  
7" to 756 w 50 SX

Date Drilled: 4/25/42 Depth: 810 Open Hole  Perforated

Completion: 30 gts 780-810

NAME: Ready Oil & Gas Management LEASE: \_\_\_\_\_ API # 300150-23560

Type: Oil Location: 1980 NL 1990 EL Sec: 13 Township: 20-S Range: 28-E

Field and Formation: RUSSELL - YATES

Construction: 13" to 120' Pulled, 10' to 220' w ? SX  
8 5/8" to 281' w 50 SX.  
7" to 780 w 135 SX

Date Drilled: 8-22-43 Depth: 845 Open Hole  Perforated

Completion: 20 gts 817-837

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: Wills #4 API # 300150-23570

Type: Oil Location: 2310 NL 990 WL Sec: 13 Township: 20-S Range: 28-E

Field and Formation: Russell - Yates

Construction: 13" to 82' w NONE Mudded - Pulled

10 3/4" to 242' w NONE Pulled

7" to 736' w 125 5x

Date Drilled: 9-12-44 Depth: 873 Open Hole  Perforated

Completion: 5 1/2" 80 gals. 770-853

NAME: Ready Oil & Gas Management LEASE: Wills #5 API # 300150-236800

Type: Oil Location: 990 NL 330 EL Sec: 13 Township: 20-S Range: 28-E

Field and Formation: Russell - Yates

Construction: 10 3/4 to 255" w Full hole

7" to 770" w 125 5x

Date Drilled: 2-2-45 Depth: 856 Open Hole  Perforated

Completion: 50 gals 856-831

NAME: Ready Oil & Gas Management LEASE: Wills #6 API # 300150-23600

Type: Oil Location: 996 SL 1005 WL Sec: 13 Township: 20-S Range: 28-E

Field and Formation: Russell - Yates

Construction: 8 5/8" to 202' w ?

7" to 736' w 75 5x

Date Drilled: 4-25-45 Depth: 829 Open Hole  Perforated

Completion: 50 gals @ 803-822

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: Wills #7 API # 300150-23620

Type: Oil Location: 1650 NL - 2310 EL Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell - Yates

Construction: 8 5/8' to 293' w ?

7" to 756' w 75 sx

Date Drilled: 3-17-45 Depth: 859 Open Hole  Perforated

Completion: 40 gts 833-813

NAME: Ready Oil & Gas Management LEASE: Wills #8 API # 300150-23630

Type: Oil Location: 996 NL - 1005 EL Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell - Yates

Construction: 8 5/8' to 303' w ? sx

7" to 740' w 100 sx

Date Drilled: 5-21-45 Depth: 878 Open Hole  Perforated

Completion: 40 gts 855-871

NAME: Ready Oil & Gas Management LEASE: Wills #9 API # 300150-23640

Type: Oil Location: 1656 NL - 1005 EL Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell - Yates

Construction: 8 5/8" to 315' w ?

7" to 800' w 100 sx

Date Drilled: 6-15-45 Depth: ~~870~~ 880 Open Hole  Perforated

Completion: 40 gts 864-880

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: Wills 10Y API # 300150-23660

Type: Oil Location: 22225L-1005WL Sec: 13 Township: 20-S Range: 28-E

Field and Formation: Russell - Yates

Construction: 8<sup>5</sup>/<sub>8</sub>" to 45' w 35 sx.

4<sup>1</sup>/<sub>2</sub>" to 787' w 140 sx.

Date Drilled: 5-10-62 Depth: 810 Open Hole  Perforated

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

NAME: Ready Oil & Gas Management LEASE: Wills 11 API # 300150-23670

Type: Oil Location: 200NL-234DEL Sec: 13 Township: 20-S Range: 28-E

Field and Formation: Russell - Yates

Construction: 7" to 733 w 100 sx

5<sup>1</sup>/<sub>2</sub>" to 217" w 10 sx

Date Drilled: 9-5-45 Depth: 867 Open Hole  Perforated

Completion: 50 g<sub>1</sub> 867-842

NAME: Ready Oil & Gas Management LEASE: Wills 12 API # 300150-23680

Type: Oil Location: 1654SL-1005WL Sec: 13 Township: 20-S Range: 28-E

Field and Formation: Russell - Yates

Construction: 7" to 689' w 80 sx.

Date Drilled: 1-30-46 Depth: 825 Open Hole  Perforated

Completion: 50 g<sub>1</sub> 820-825

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: Wills #13 API # 300150-23690

Type: Oil Location: 3305L - 1005EL Sec: 13 Township: 20-S Range: 28-E

Field and Formation: Russell - Yates

Construction: 7" to 557' w 85 sx. Circ.

Date Drilled: 2-20-46 Depth: 797 Open Hole  Perforated

Completion: 50 ~~ft~~ 797-792

NAME: Ready Oil & Gas Management LEASE: Wills #14 API # 300150-23980

Type: Oil Location: 3305L - 330EL Sec: 14 Township: 20-S Range: 28-E

Field and Formation: Russell - Yates

Construction: 7" to 655" w 125' sx Circ.

Date Drilled: 7-17-46 Depth: 993 Open Hole  Perforated

Completion: 40 ~~ft~~ 770 to 756

NAME: Ready Oil & Gas Management LEASE: Wills #15 API # 300150-23990

Type: Oil Location: 9965L / 330EL Sec: 14 Township: 20-S Range: 28-E

Field and Formation: Russell - Yates

Construction: 7" to 662' w 125' sx. Circ.

Date Drilled: 7-30-46 Depth: 784 Open Hole  Perforated

Completion: 40 ~~ft~~ 784 - 764

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: Wills #16 API # 300150 - 23700

Type: Oil Location: 996 S 330 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell - Yates

Construction: 7" to 681" w 125 sq. Circ.

Date Drilled: 8-19-46 Depth: 811 Open Hole  Perforated

Completion: 30 gals 811' - 796'

NAME: Ready Oil & Gas Management LEASE: Wills #17 API # 300150 - 23710

Type: Oil Location: 1656 S - 330 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 7" to 679' w 125 sq. Circulated

Date Drilled: 9-16-46 Depth: 808 Open Hole  Perforated

Completion: 100 gals 775 to 800

NAME: Ready Oil & Gas Management LEASE: Wills # 18 API # 300150 - 23720

Type: Oil Location: 330 S - 352 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: RUSSELL YATES

Construction: 7" to 670' w 150 sq. Circulated

Date Drilled: 9/28/46 Depth: 782 Open Hole  Perforated

Completion: 30 gals 782 - 767

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: Wills # 19 API # 300150 - 23730

Type: Oil Location: 2322 FNL 2333 FEL Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: RUSSELL YATES

Construction: 7" to 775" W 150 SX Circulated

Date Drilled: 6/29/47 Depth: 849 Open Hole  Perforated

Completion: 40 gts 849 - 829

NAME: Ready Oil & Gas Management LEASE: Wills # 20 API # 300150 - 23740

Type: Oil Location: 2322 FNL 1665 FEL Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: RUSSELL YATES

Construction: 7" to 717' W 150 SX Circulated

Date Drilled: 7/8/47 Depth: 847 Open Hole  Perforated

Completion: 30 gts 832 - 847

NAME: Ready Oil & Gas Management LEASE: Wills # 21 API # 300150 - 23750

Type: Oil Location: 1656 FNL 1665 FEL Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: RUSSELL YATES

Construction: 7" to 732' W 150 SX Circulated

Date Drilled: 7/20/47 Depth: 854 Open Hole  Perforated

Completion: 40 gts 854 - 834

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: Wills # 22 API # 300150 - 23940

Type: Oil Location: 996 FNL 665 FEL Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: RUSSELL YATES

Construction: 7" to 752 W 150 SX Circulated

Date Drilled: 7/29/47 Depth: 870 Open Hole  Perforated

Completion: 40 g to 870-850

NAME: Ready Oil & Gas Management LEASE: Wills # 23 API # 300150 - 23770

Type: Oil Location: 330 FNL 1665 FEL Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: RUSSELL YATES

Construction: 7" to 752 W 150 SX Circulated

Date Drilled: 8/9/47 Depth: 875 Open Hole  Perforated

Completion: 40 g to 845 to 865

NAME: Ready Oil & Gas Management LEASE: Wills # 25 API # 300158 - 80470

Type: Oil Location: 660 FNL 2000 FEL Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: RUSSELL YATES

Construction: 6 5/8 to 816 W 100 SX

Date Drilled: 11/24/48 Depth: 875 Open Hole  Perforated

Completion:

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: Wills 26 API # 300158 - 80480

Type: Oil Location: 1305 N - 1980 E Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell - Yates

Construction: 7" to 823" w 100 sx.

Date Drilled: 3-14-51 Depth: 846' Open Hole  Perforated

Completion: 40 gals 830-844

NAME: Ready Oil & Gas Management LEASE: Wills 27 API # 300158 - 80490

Type: Oil Location: 1325 S - Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell - Yates

Construction: 4 1/2" to 827' w 125 sx

Date Drilled: 12-1-56 Depth: 827 Open Hole  Perforated

Completion: Perf. 4 shots per foot 791' to 802' + 808' to 816'

FRAC 500# 20/40 sand

NAME: Ready Oil & Gas Management LEASE: Wills 28 API # 300158 - 80600

Type: Oil Location: 6605 1315W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell - Yates

Construction: 4 1/2" to 815' w 509 sx.

Date Drilled: 1-18-57 Depth: 815 Open Hole  Perforated

Completion: Shot 60 gals 803 to 780

EXHIBIT TO NMOCD C-108

VI. Tabulation of Data

NAME: Ready Oil & Gas Management LEASE: Wills 30 API # 300158 - 80620

Type: Oil Location: 2310 N 990 E Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: RUSSELL YATES

Construction: 7" to 257' w 10 sk

4 1/2" @ 884' w 162 sk

Date Drilled: 2-5-57 Depth: 884' Open Hole \_\_\_\_\_ Perforated

Completion: 60 gts 843 to 884

NAME: Ready Oil & Gas Management LEASE: Wills 32 API # 300151 - 02500

Type: Oil Location: 1980 S 2630 E Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: RUSSELL YATES

Construction: 7" @ 97' w 25 sk

4 1/2" @ 818' w 60 sk

Date Drilled: 6-22-63 Depth: 848 Open Hole \_\_\_\_\_ Perforated \_\_\_\_\_

Completion: 30 gts 823-848

NAME: Ready Oil & Gas Management LEASE: Wills 33 API # 300151 - 04200

Type: Oil Location: 1380 S 1980 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: RUSSELL YATES

Construction: 7" @ 95' w 15 sk

4 1/2" @ 800' w 100

Date Drilled: 7-29-63 Depth: 820 Open Hole  Perforated \_\_\_\_\_

Completion: 18 gts 806' - 818'

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: Wills 35 API # 30015 -

Type: Oil Location: 1980N 2630E Sec: 13 Township: 20-S Range: 28-E

Field and Formation: RUSSELL YATES

Construction: 7" @ 160' w 25 sx Pumped  
4 1/2" @ 806' w 60 sx Pumped

Date Drilled: 9-6-63 Depth: 825 Open Hole  Perforated

Completion: 22 gts 810-825

NAME: Ready Oil & Gas Management LEASE: Wills 36 API # 300151-02400

Type: Oil Location: 660N 130E Sec: 13 Township: 20-S Range: 28-E

Field and Formation: RUSSELL YATES

Construction: 7" @ 160' w 25 sx  
4 1/2" @ 858' w 50 sx

Date Drilled: 10-22-63 Depth: 881 Open Hole  Perforated

Completion: 45 gts. 880-857

NAME: Ready Oil & Gas Management LEASE: Wills 37 API # 300151-00990

Type: Oil Location: 660N 2630E Sec: 13 Township: 20-S Range: 28-E

Field and Formation: RUSSELL YATES

Construction: 7" @ 157' w 26 sx  
4 1/2" @ 826' w 100 sx

Date Drilled: 11-18-63 Depth: 857 Open Hole  Perforated

Completion: 46 gts. 825 to 856

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: Wills 38 API # 300151 - 02040

Type: Oil Location: 2630 N 1330 W Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 8 5/8" @ 150' w 25 sk.

6 5/8" @ 126' w 5 1/2" @ 655' w 60 sk. (Tapered)

Date Drilled: 12/9/63 Depth: 810 Open Hole  Perforated

Completion: 75 gals 780-809

NAME: Ready Oil & Gas Management LEASE: Wills # 39 API # 300151 - 04210

Type: Oil Location: 2630 FNL 1980 FEL Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 7" to 160' w 15 sk

4 1/2 to 850 w 60 sk

Date Drilled: 10/29/64 Depth: 863 Open Hole  Perforated

Completion: 22 gals 863-848

NAME: Ready Oil & Gas Management LEASE: Wills #40 API # 300151 - 04220

Type: Oil Location: 1980 FNL 1310 FEL Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 7" to 145 w 22 sk

4 1/2 to 839 w 60 sk

Date Drilled: 7/20/64 Depth: 861 Open Hole  Perforated

Completion: 46 gals 837-860

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: Wills #41 API # 300151-04230

Type: Oil Location: 1310 ENL 1310 FEL Sec: 13 Township: 20-S Range: 28-E

Field and Formation: RUSSELL YATES

Construction: 7" to 161 W 15 SX

5 1/2" to 847 W 60 SX

Date Drilled: 9-25-64 Depth: 866 Open Hole X Perforated \_\_\_\_\_

Completion: 40 gals

NAME: Ready Oil & Gas Management LEASE: Wills #42 API # 300151-04240

Type: Oil Location: 1330 F6L 1330 F6L Sec: 13 Township: 20-S Range: 28-E

Field and Formation: RUSSELL YATES

Construction: 7" to 165 W 15 SX

5 1/2 to 803 W 75 SX

Date Drilled: 11-9-64 Depth: 826 Open Hole X Perforated \_\_\_\_\_

Completion: 50 gals

NAME: Ready Oil & Gas Management LEASE: Wills #43 API # 300152-02290

Type: Oil Location: 1990 FSL 1337 F6L Sec: 13 Township: 20-S Range: 28-E

Field and Formation: RUSSELL YATES

Construction: 7" to 165 W 15 SX

4 1/2 to 830 W 25 SX

Date Drilled: 5/7/69 Depth: 830 Open Hole 1 Perforated \_\_\_\_\_

Completion: 50 gals

**EXHIBIT TO NMOCD C-108**

**VI. Tabulation of Data**

NAME: Ready Oil & Gas Management LEASE: Wills #44 API # 300152-~~02300~~<sup>02300</sup>

Type: Oil Location: 2635 FEL 2635 FSL Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 7" to 172 W 15 SX

5 1/2" to 818 W 50 SX

Date Drilled: 6-27-69 Depth: 859 Open Hole  Perforated

Completion: 40 g to 835 to 859

NAME: Ready Oil & Gas Management LEASE: Wills #45 API # 300152-02310

Type: Oil Location: 1328 FNL 2635 FEL Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 7' to 168 W 15 SX

5 1/2" to 802 W 50 SX

Date Drilled: 8-15-69 Depth: 834 Open Hole  Perforated

Completion: 50 g to 810-834

NAME: Ready Oil & Gas Management LEASE: Wills #46 API # 300152-04630

Type: Oil Location: 10 FSL 1980 FEL Sec: 13 Township: 20 - S Range: 28 - E

Field and Formation: Russell Yates

Construction: 7" to 178 W 15 SX

5 1/2" to 842 W 50 SX

Date Drilled: 1-3-72 Depth: 864 Open Hole  Perforated

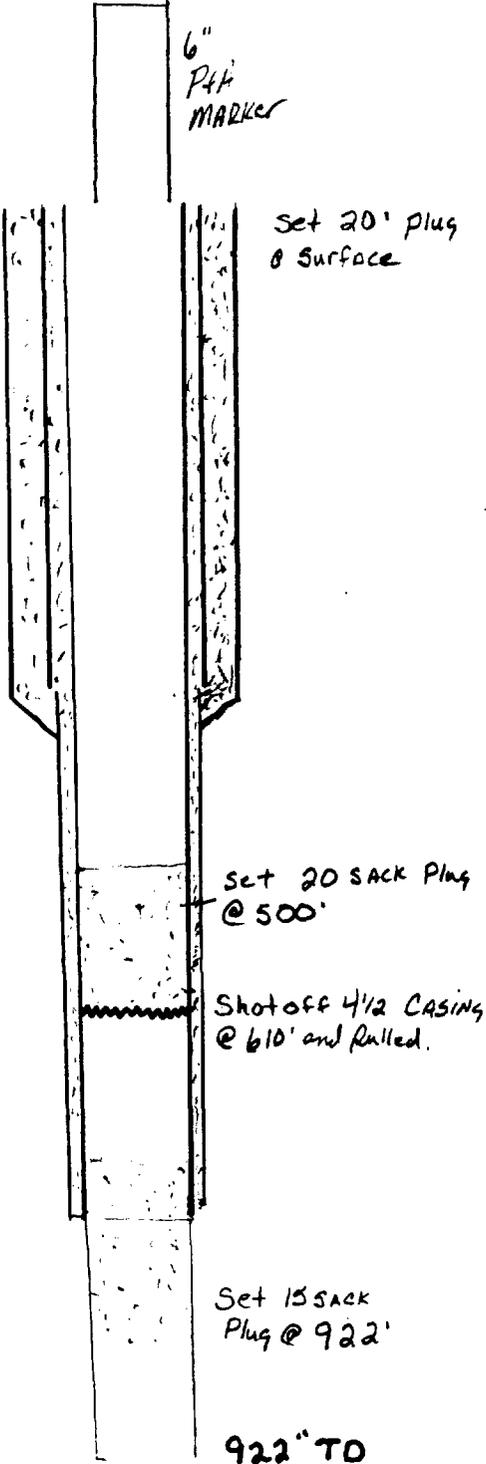
Completion: 43 g to 842-846

**Exhibit to NMOCD C-108**

VI. Well Data  
P & A  
5-28-63

**Ready Oil and Gas Management**  
API # PLUGGED Lease: Wills Well: # 31 NMLC059797  
1650 fnl 330 fel Sec.13 Twn:20s Rng: 28e Eddy Co. NM

**Wellbore Schematic**



**Well Construction Data**  
**Surface Casing**

Hole size: 8 5/8" Casing Size: 7" @ 90'  
Cemented with: 25 sx. or \_\_\_\_\_ ft3  
Top of Cement: Circ. Meth. det: Calc.

**Intermediate casing**

Hole size: N/A Casing Size: N/A  
Cemented with: N/A sx. or N/A ft3  
Top of Cement: N/A Meth. Det. N/A

**Production Casing**

Hole size: 6 1/4" Casing Size: 4 1/2 @ 894'  
Cemented with: 50 sx. or \_\_\_\_\_ ft3  
Top of Cement: Cir Meth. Det. Calc.  
Total Depth: 922

**Injection Interval**

N/A feet to N/A  
Perforated N/A Open Hole

**Tubing**

Size: N/A Lining: N/A  
Packer: N/A Depth: N/A

**Additional Data**

Well drilled for? Oil  
Injection Formation Yates  
Field or Pool RUSSELL  
Perforated in other zones None  
Next upper zone None  
Next Lower Zone Seven Rivers

**Exhibit to NMOCD C-108**

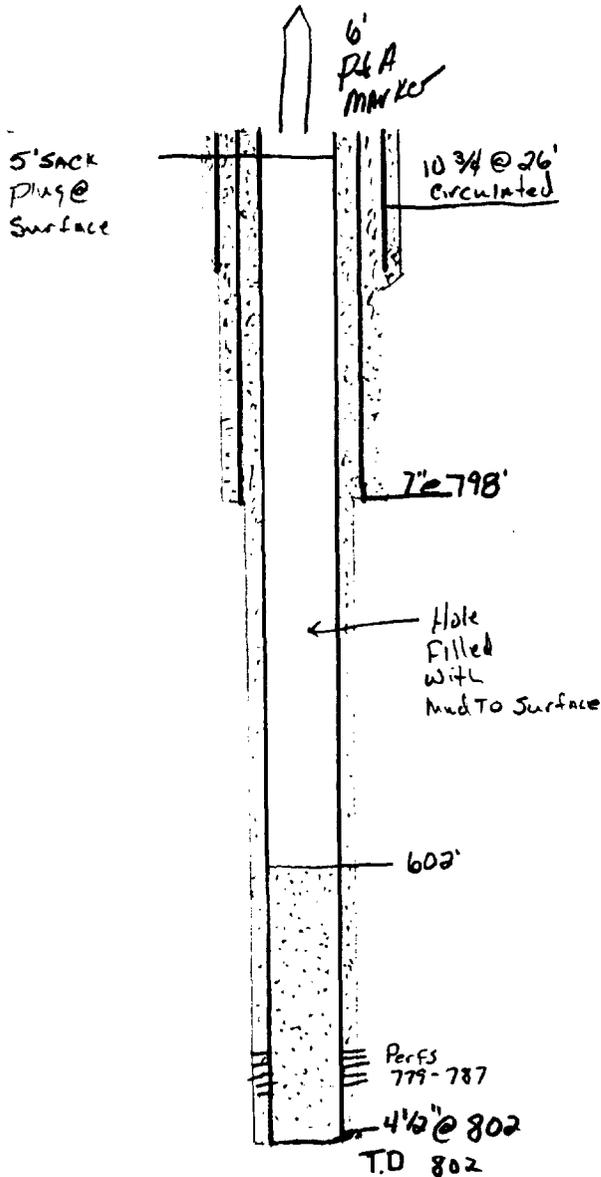
VI. Well Data  
P & A

**Ready Oil and Gas Management**

API # PLUGGED Lease; Wills Well: #29 NMLC059797  
660 fsl 5 fwl Sec.13 Twn:20s Rng: 28e Eddy Co. NM

8-3-62 \*

Wellbore Schematic



Well Construction Data

Surface Casing

Hole size: ~~10 3/4~~ <sup>?</sup> Casing Size: 10 3/4 @ 26'

Cemented with: ? sx. or        ft3

Top of Cement: Circ. Meth. det: Records

Intermediate casing

Hole size: 8 1/2" Casing Size: 7" @ 598'

Cemented with: 0 sx. or        ft3

Top of Cement:        Meth. Det.       

Production Casing

Hole size: 6 1/4" Casing Size: 4 1/2" @ 802'

Cemented with: 180\* sx. or        ft3 \* 80 SACKS TO PITS

Top of Cement: Circ. Meth. Det. Records

Total Depth: 802

Injection Interval

777 feet to 789

Perforated  Open Hole

Tubing

Size: NA Lining: N/A

Packer: N/A Depth: N/A

Additional Data

Well drilled for? Exploration Production

Injection Formation Yates

Field or Pool Russell

Perforated in other zones None

Next upper zone None

Next Lower Zone Seven Rivers

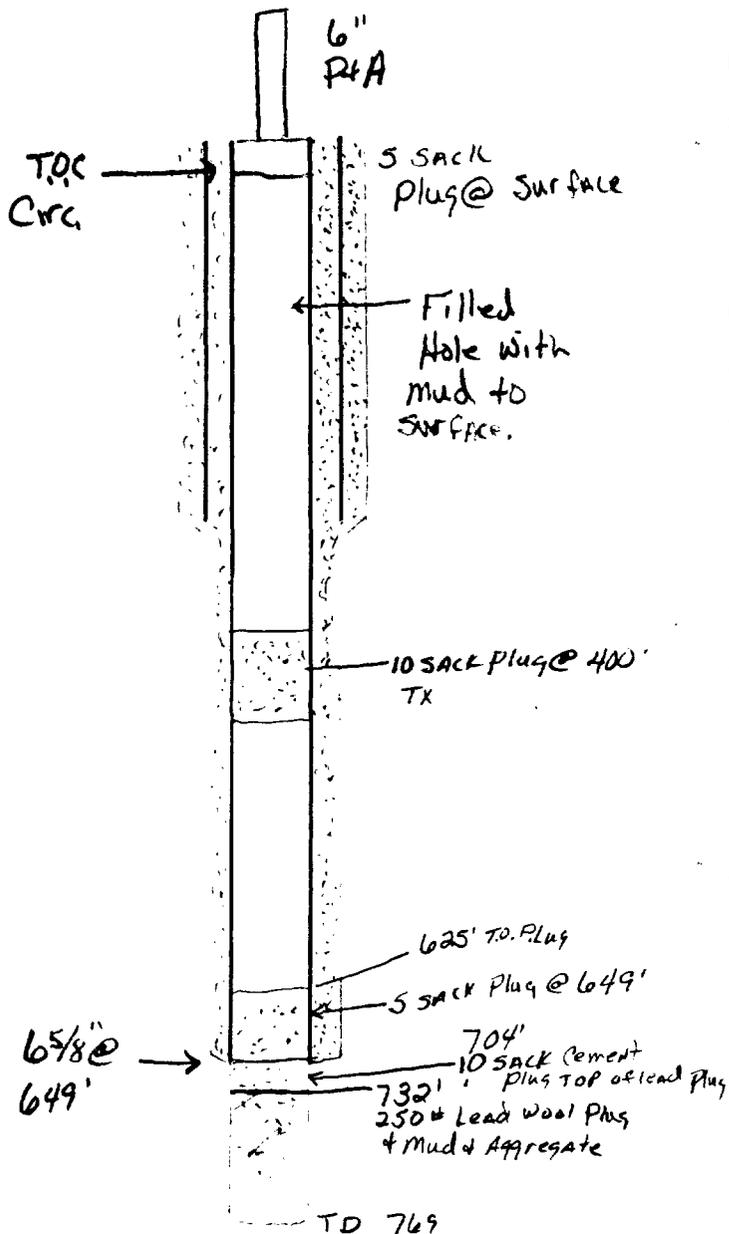
\* Planned Reentry

# Exhibit to NMOCD C-108

VI. Well Data  
P & A  
11-10-48

**Ready Oil and Gas Management**  
API # PLUGGED Lease: Wills Well: # 24 NMLC059797  
330 fsl 990 fel Sec.14 Twn:20s Rng: 28e Eddy Co. NM

**Wellbore Schematic**



**Well Construction Data**  
**Surface Casing**

Hole size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
Top of Cement: \_\_\_\_\_ Meth. det: \_\_\_\_\_

**Intermediate casing**

Hole size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>  
Top of Cement: \_\_\_\_\_ Meth. Det. \_\_\_\_\_

**Production Casing**

Hole size: 8 3/4" Casing Size: 6 5/8" @ 649'  
Cemented with: 100 sx. or \_\_\_\_\_ ft<sup>3</sup>  
Top of Cement: Circ. Meth. Det. Calc.  
Total Depth: 769'

**Injection Interval**

\_\_\_\_\_ N/A feet to N/A  
Perforated N/A Open Hole

**Tubing**

Size: N/A Lining: N/A  
Packer: N/A Depth: N/A

**Additional Data**

Well drilled for? Oil  
Injection Formation Yates  
Field or Pool Russell  
Perforated in other zones NONE  
Next upper zone NONE  
Next Lower Zone Saver Rivers

BY: Stephen Massey  
 Stephen Massey, Eddy County  
 Manager  
 Published in the Artesia Daily  
 Press, Artesia, N.M. October 30,  
 1998.

Legal 16414

**LEGAL NOTICE**

Ready Oil & Gas Management,  
 seeking approval for underground  
 injection in the Wills, Turner,  
 Crosby & Russell leases in the  
 Russell/Yates Pool located S½  
 /SE¼, Sec. 12, TP 20S, R28E, All  
 of Sec. 13, except S.E.¼ of S.E.¼,  
 E½/NE¼, E½/S.E.¼, Sec. 14 TP  
 20S, R28E, N½/NW¼,  
 NW¼/NE¼ Sec. 24 TP 20S R28E  
 has filed with the New Mexico Oil  
 Conservation Division for autho-  
 rization to inject produced water  
 from the Yates formation into the  
 Yates formation for the purpose of  
 secondary recovery.  
 The maximum rate 1,440 bbls per  
 day at maximum pressure of 700  
 psi shall be injected into the Wills  
 34, 2630 FNL 1980 FWL S-13,  
 T20S, R-28E and the Wills 43,  
 1990 FSL 1337 FWL S-13, T20,  
 R28E.

All interested parties must file  
 objections or request for hearing  
 with the 'Oil' Conservation  
 Division, 2040 South Pacheco,  
 Santa Fe, New Mexico 87505  
 within 15 days.

For further information contact  
 Buddy DeLong, P.O. Box 381,  
 Artesia, New Mexico 88210 tele-  
 phone (505) 484-3135  
 Published in the Artesia Daily  
 Press, Artesia, N.M. October 30,  
 1998.

Z 376 046 153

US Postal Service  
**Receipt for Certified Mail**

No Insurance Coverage Provided.  
 Do not use for International Mail (See reverse)

Sent to OXY USA	
Street & Number Box 50250	
Post Office, State & ZIP Code Mesa Lake TX 79701	
Postage	\$ .32
Certified Fee	1.35
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 1.67
Postmark or Date	

PS Form 3800, April 1995

Z 376 046 152

US Postal Service  
**Receipt for Certified Mail**

No Insurance Coverage Provided.  
 Do not use for International Mail (See reverse)

Sent to MURPHY OIL FIELD	
Street & Number P.O. Box 10523	
Post Office, State & ZIP Code Midway, N.M. 879702	
Postage	\$ .32
Certified Fee	1.35
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 1.67
Postmark or Date	

PS Form 3800, April 1995

XIII.

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR THE  
PURPOSE OF CONSIDERING:

CASE NO. 469  
ORDER No. R-263

THE MATTER OF THE APPLICATION OF  
NEIL H. WILLS, ET AL, FOR APPROVAL  
OF A SECONDARY RECOVERY PROGRAM  
(BY WATER FLOODING) IN THE RUSSELL  
POOL, EDDY COUNTY, NEW MEXICO, IN  
SECTIONS 12, 13 AND 14, TOWNSHIP 20 SOUTH,  
RANGE 28 EAST, NMPM.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a. m. January 15, 1953, at Santa Fe, New Mexico, before the Oil Conservation Commission, hereinafter referred to as the "Commission."

NOW, on this 10th day of February, 1953, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at said hearing, and being otherwise fully advised in the premises;

FINDS:

(1) That due notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the petitioner's request to revert to secondary recovery methods by a water injection program will tend to prevent waste and should be granted upon the condition that said program be pursued in the manner outlined at said hearing.

(3) That a secondary recovery program by water injection is of an experimental nature in this particular pool, and periodic reports should be submitted to the Commission by the petitioner disclosing its acts and doings in the matter.

IT IS THEREFORE ORDERED:

That the applicant, Neil H. Wills et al, be and hereby is given the right to institute a secondary recovery program on leases in the Russell Pool by injecting water into the Yates sand reservoir.

-2-

Case No. 469

Order No. R-263

IT IS FURTHER ORDERED, That petitioner submit quarterly reports to the Commission disclosing all of its acts and doings and setting forth therein the progress it has made by the adoption of its secondary recovery program.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

R. R. SPURRIER, Secretary

S E A L

=== COVER PAGE ===

TO: \_\_\_\_\_

FAX: 15058278177

FROM: DELONG PUMPING

FAX: 6773221

TEL: 6772334

COMMENT: PLEASE CALL

*BUDDY'S MOBIL  
746 815-8*

Ben.

I got these from  
OCD. Artesian.

ILLEGIBLE

Hope its what  
You need.

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TO: BEN STONE

FROM: Barry Lewis

11-24-98

3 Files



SECONDARY RECOVERY FOR 1966

COUNTY	POOL OPERATOR PROJECT	PROD-UCING FORM	AVG. DEPTH	OF PROJ ACRES	AVG. PAY TRICK	INJ. PRESS PSI	INJ. WELLS ACT-SI	PROD. WELLS ACT-SI	WATER INJECTION	CUMULATIVE TOTALS		OIL PROD. PER ACRE	DATE PROJECT STARTED
										WATER PROD.	OIL PROD.		
<u>MALJAMAR POOL</u>													
Eddy	William A. & Edward R. Hudson	GB-SA	4000	960	45	1717	14-0	24-0	4,578,400	175,648	475,256	495.06	9/62
	Puckett Flood	GB-SA	4000	960	45	1717	14-0	24-0	4,578,400	175,648	475,256	495.06	9/62
<u>EAST MILLMAN QUEEN-GRAYBURG POOL</u>													
Eddy	Depco Inc., (Formerly International Yates)	Q-GB	1700	1360	40-50	790	11-2	17-4	5,823,594	534,254	306,959	225.70	9/63
<u>RED LAKE POOL</u>													
Eddy	Cima Capitan, Inc. & Castle & Wigzell	GB	1900	320	14	1410	4-1	5-2	759,357	89,665	71,221	222.57	6/63
Eddy	Kersey & Company	GB	1900	1320	14	1000	20-1	24-0	3,994,673	710,045	421,490	319.31	6/55
Eddy	Archie M. Speir	GB	1635	800	12	801	6-0	*23-6	678,552	10,451	33,855	42.32	10/65
	S. Red Lake Unit	GB	1635	800	12	801	6-0	*23-6	678,552	10,451	33,855	42.32	10/65
	*1965 total should be corrected to 23-6.												
<u>RUSSELL POOL</u>													
Eddy	Barber Oil Co.,	YA	775	600	12	682	29-11	22-11	7,874,648	4,841,830	1,120,089	1,866.81	4/53
<u>SHUGART POOL</u>													
Eddy	Atlantic Richfield Co.,	2810-				0 to							
	Shugart A	Y-SR-Q	3400	400	37	1388	6-0	8-0	152,709	5,526	10,379	25.95	5/66
	Shugart C	Y-SR-Q	3328	80	17	1300	1-0	1-0	43,504	40	2,582	32.28	5/66
	Swearingen Shugart	Q	3460	480	30	1123	6-0	7-0	613,846	2,118	69,588	144.98	11/65
Eddy	Hondo Oil & Gas Co.,												
	Culwin Unit Flood	Q	3120	720	12	1423	5-0	13-0	210,803	3,430	6,271	8.71	8/66
Eddy	Wm. A & Edw. R. Hudson	Q	3312	200	4	1000	3-0	2-0	22,062	104	795	3.98	9/66
	Shugart A	Q	3312	200	4	1000	3-0	2-0	22,062	104	795	3.98	9/66