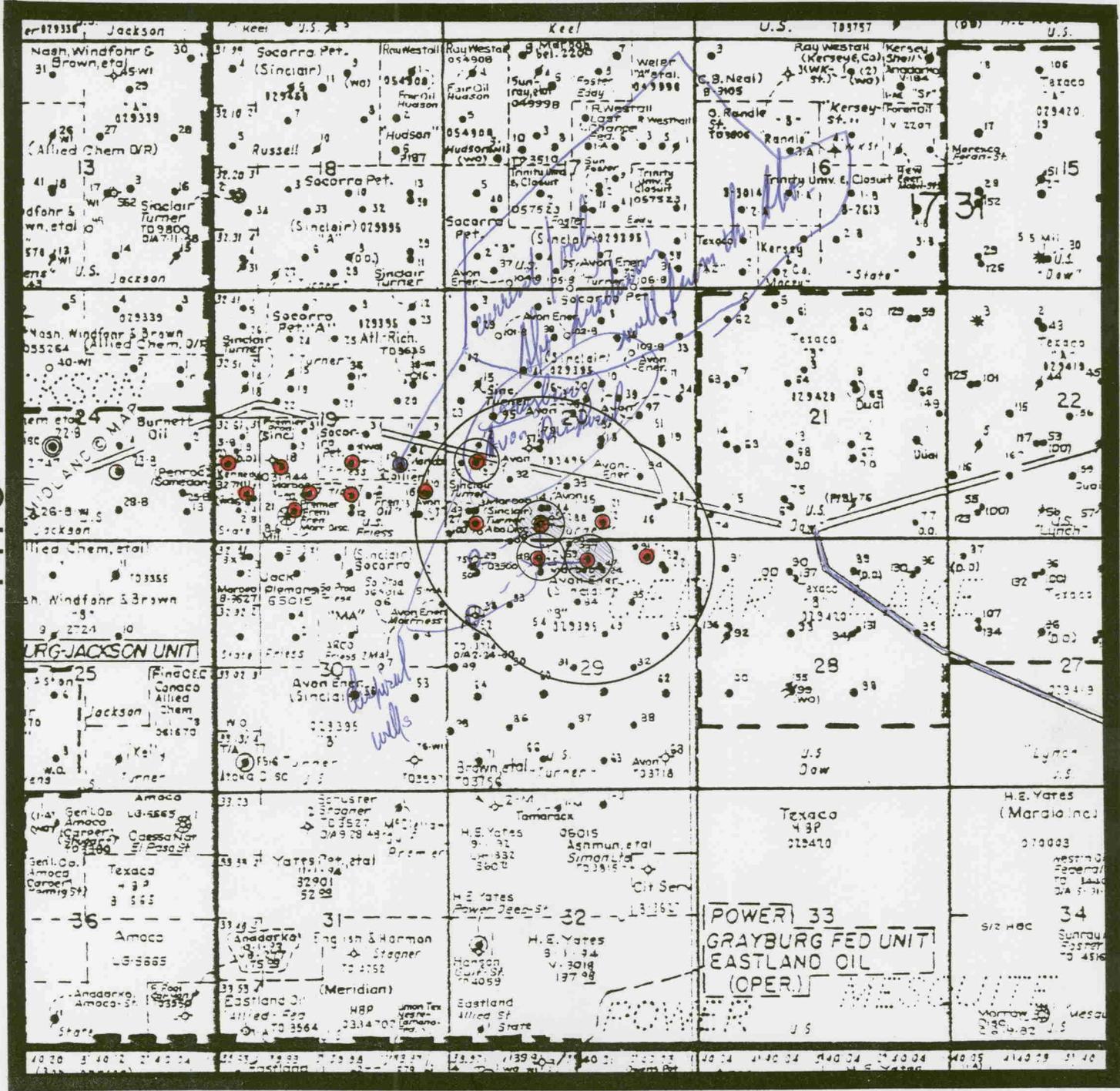


T17S



Cedar Lake Abo Pool Land Map

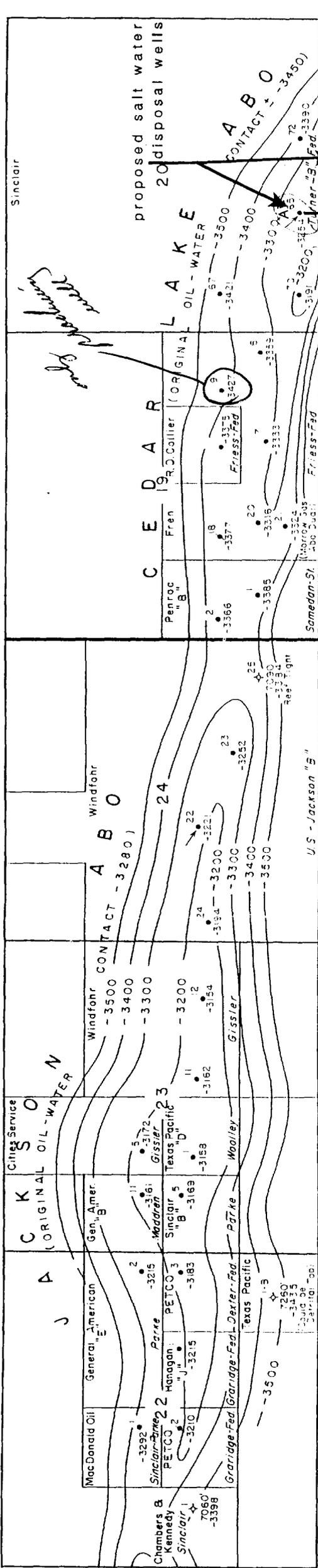
Area of Review
within 1/2 mile radius circle

- Disposal wells
- Abo abandoned producers

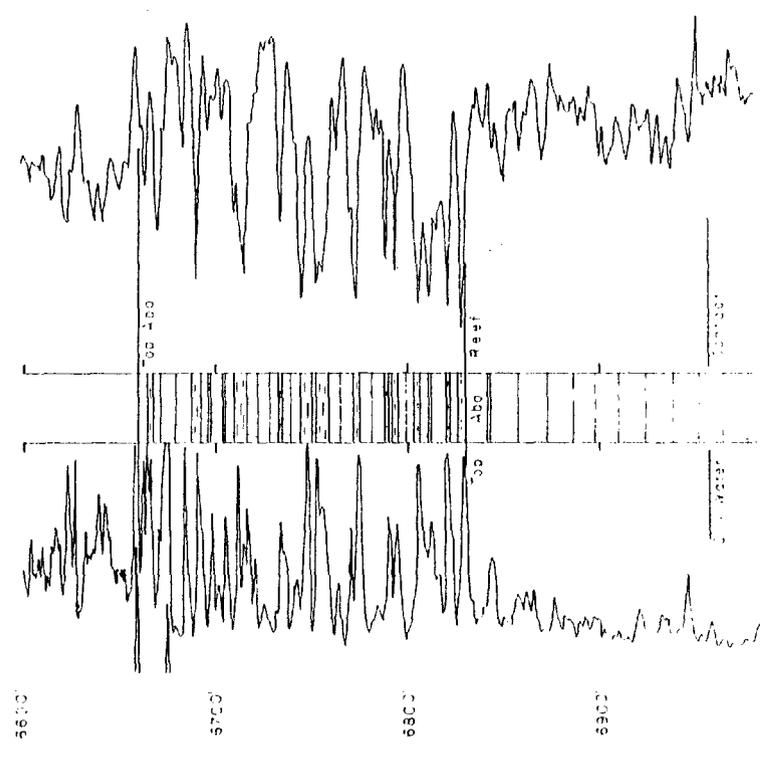
BEFORE EXAMINER STOGNER
 OIL CONSERVATION DIVISION
 MARB0B EXHIBIT NO. 2
 CASE NO. 10465 + 10466

R 30 E

R 31 E



TYPE LOG
AVERAGE ELEVATION 3675 DF



MASSADA 10465 + 10466
3

JACKSON & CEDAR LAKE FIELDS
Eddy County, New Mexico
STRUCTURAL CONTOURS ON
TOP OF A90 REEF
SCALE IN MILES

Tabulation of Wells Within Area of Review
Which Penetrated Disposal Zone

| Location, | Name | Construction | Spud/Comp Date | Well Type | Depth | Record of Completion |
|---------------|-------------|---|---------------------|-----------------------------|---------|----------------------|
| P-19-17S-31E, | 16 Friess | 8 ⁵ / ₈ @ 1515 w/250 5 ¹ / ₂ @ 7067 w/900 | 8/25/61 9/16/61 | Oil, T.A. | 7067 | IPF 175 BOPD |
| L-20-17S-31E, | 67 Turner B | 13 ³ / ₈ @ 470/100 8 ⁵ / ₈ @ 3800/900 4 ¹ / ₂ L @ 7221/910 | 5/26/60 7/25/60 | OWWO, PB, Gybg Oil, W.I. | 7223 | IPF 192 BOPD |
| M-20-17S-31E, | 70 Turner B | 8 ⁵ / ₈ @ 1600/400 4 ¹ / ₂ @ 7200/1300 | 8/12/60 9/9/60 | Oil, P&A | 7200 | IPF 356 BOPD |
| N-20-17S-31E, | 65 Turner B | 13 ³ / ₈ @ 477/525 8 ⁵ / ₈ @ 3726/3300 4 ¹ / ₂ cg @ 7497 w/1000 | 3/25/60 5/19/60 | Temp abd, Oil | 7497 | IPF 288 BOPD |
| O-20-17S-31E, | 72 Turner B | 8 ⁵ / ₈ @ 1600 w/700 4 ¹ / ₂ @ 7233/1300 | 9/21/60 11/17/60 | PB, Gybg Oil | 7233 | IPF 48 BO + 144 BWPD |
| A-29-17S-31E, | 74 Turner B | 8 ⁵ / ₈ @ 1600/700 4 ¹ / ₂ @ 7250/1300 | 10/27/60 12/4/60 | Oil, P&A | 7250 | IPF 93 BO + 221 BWPD |
| B-29-17S-31E, | 69 Turner B | 13 ³ / ₈ @ 312/400 8 ⁵ / ₈ @ 1600/800 4 ¹ / ₂ cg @ 7230 w/1100 | 7/29/60 9/12/60 | Temp abd, oil | 7230 | IPF 364 BOPD |
| C-29-17S-31E, | 73 Turner B | 8 ⁵ / ₈ @ 1600 w/800 4 ¹ / ₂ cg @ 7145/1100 | 9/22/60 10/26/60 | Disposal well | 7185 | IPF 312 BOPD |
| D-29-17S-31E, | 75 Turner B | 8 ⁵ / ₈ @ 1600 | 11/6/60 1/23/61 | Dry hole | 9900 | P&A |
| E-29-17S-31E, | 58 Turner B | 13 ³ / ₈ @ 230/300 9 ⁵ / ₈ @ 3825/2805 5 ¹ / ₂ @ 9900/150 | 7/27/59 2/24/60 | Dry hole | 13, 714 | Temp abd |

MAR 60

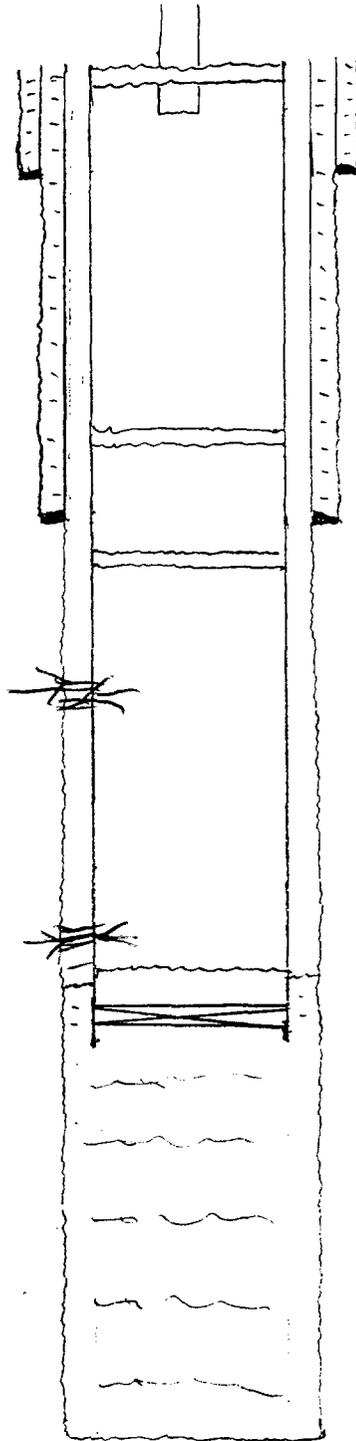
4

16465 + 16466

13³/₈" x 35.6# @ 230'

9⁵/₈" x 36,40# @ 3825'

5¹/₂" x 17# N-80 @ 9900'



DRY HOLE MARKER

CEMENT PLUG SET 3787-3863'

CEMENT PLUG SET 4895'-5000'
5¹/₂" CASING SHOT-OFF 5003'

TOC - 9/27/11 AR10
freepipe 9430' TOC.

CAPPED W/ CEMENT 9674'

5¹/₂" TITAN C1BP 9694'

TD-13,714'

MARBOS

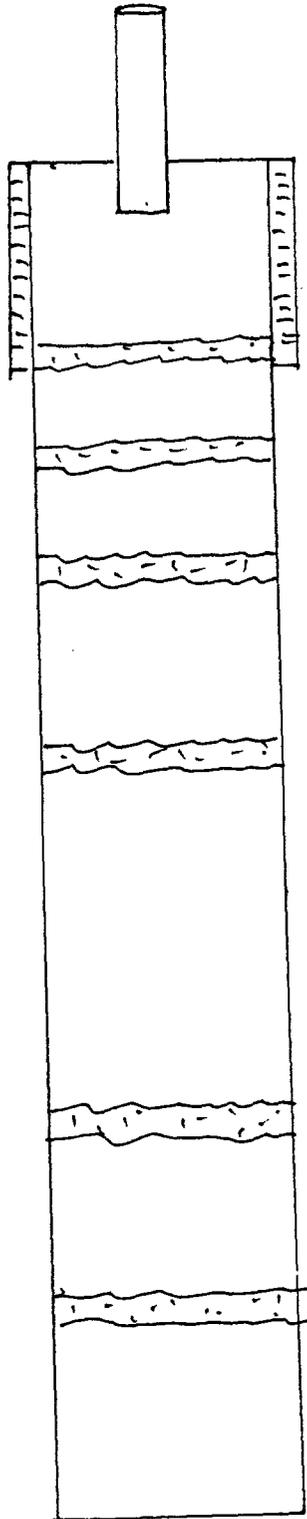
5

10465 + 10466

Turner "B" No 75

D-29-175-31E

(1960)



8 5/8" x 24 # J55 @ 1608
Circ Cement

Dryhole Marker

TOC @ Surf. (Circ)

Cement plug 1675-1575, 405X

Cement plug 2240-2140, 405X

Cement plug 3140-2940, 805X

Cement plug 4625-4525, 405X (1)

Top of New Florida

not much gravel

Top of Alca

(Cement plug 7160-7160, 405X) (2)

below Alca / above Wisc.

Cement plug 8466-8366, 405X (3)

TD 9900'

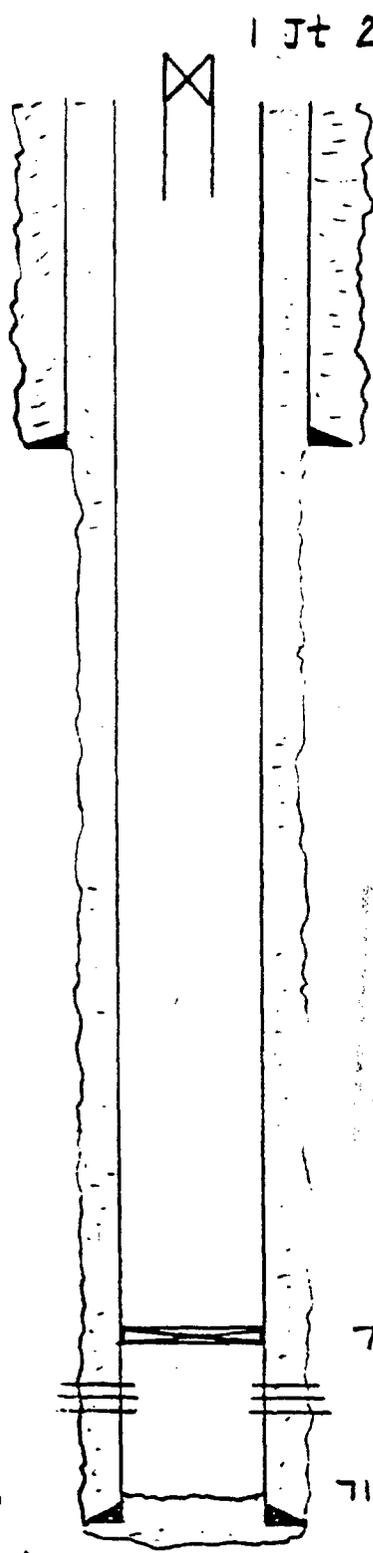
MARB03

5

10465 + 10466

General Purpose Worksheet

| | | | |
|---------|-------------------|---------|----------|
| Subject | TURNER "B" NO. 70 | Page No | 01 |
| File | M-20-175-31E | By | RWC |
| | | Date | 10-28-85 |



1 JT 2 3/8" EUE BRD TBG W/2" valv
 TOC @ SURF. (CIRC.)

8 5/8" X 24* J-55 @ 1600'
 W/900 SX

SALT @ UNK.

OTHER PRODUCING FM.
 FREN 7 RIVERS 2200'
 GRAYBERG-SAN ANDRES 2900'-3:

MARB 2 B 5
 10465 + 10466

7000' C.I. BRIDGE PLUG TO
 ISOLATE PERFS @ 7042'-7058'

4 1/2" X 11.6, 9.5* J-55 @ 7200'
 W/1300 SX

7165' PBD

7200' T.D.

1.0 4000'

DEPARTMENT OF THE INTERIOR (Reverse Side)
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

LC 029395 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

1. OIL WELL GAS WELL OTHER

8. FARM OR LEASE NAME
Turner "B"

2. NAME OF OPERATOR

ARCO Oil and Gas Company

9. WELL NO.
70

3. ADDRESS OF OPERATOR

P. O. Box 1610, Midland, Texas 79702

10. FIELD AND POOL OR WILDCAT
Cedar Lake - Abo

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface 330' FSL & 660' FWL (Unit M)

11. SEC., T., R., M., OR BLE. AND SUBST OR AREA

20-17S-31E

14. PERMIT NO.

30-015-05301

15. ELEVATIONS (Show whether DT, RT, GR, etc.)

3627 GR

12. COUNTY OR PARISH

Eddy

13. STATE

NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

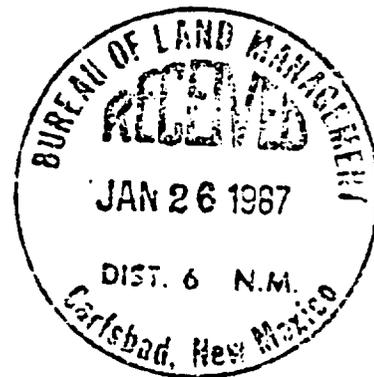
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

12-5-86. RU PU. P&A'd as follows:

| Plug | Interval | Cmt | Remarks |
|------|-----------|-------|----------------------------------|
| 1 | 6624-6980 | 25sx | Tag top CIBP @ 6980'. Spot 25 sx |
| 2 | 3194-3550 | 25sx | Spot |
| 3 | 2594-2950 | 25sx | Spot |
| 4 | 1294-1650 | 25sx | Spot |
| 5 | 0-425 | 30sx | Spot |
| 6 | 2250-1894 | 25 sx | Spot |

Installed dry hole marker. Well P&A'd 12-6-87



MARBOB

5

10465 + 10466

18. I hereby certify that the foregoing is true and correct

SIGNED Ken W Gosnell

915-688-5672

TITLE Engr. Tech. Spec.

DATE 1-22-87

(This space for Federal of State official use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

Area Manager

TITLE _____

DATE 1/30/87

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Post ID-2
2-13-87
PVA

8 5/8" x 24# J-55 @ 1600'
w/ 776 SX

1.0 8.077

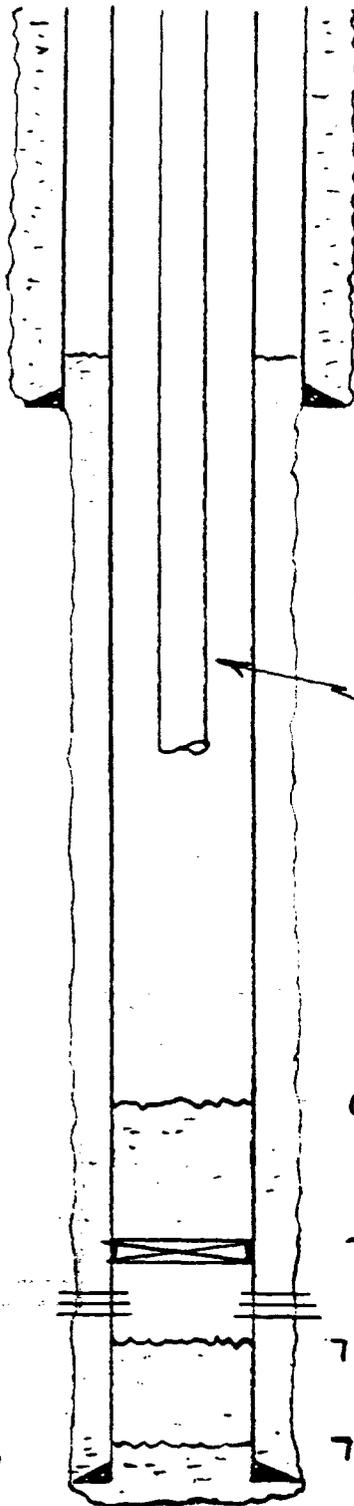
MARBOS

5

10465 + 10466

4 1/2" x 11.6, 9.5# J-55 @ 7250'
w/ 1300 SX

1.0 4.090



TOC @ SURF. (CIRC.)

SALT @ 736'-1600'

TOC @ 1520' (TEMP SURVEY)

OTHER PRODUCING FM.
FREN 7 RIVERS @ 2200'
GRAYBERG-SANANDRES 2900'-3000'

96 JTS 2 3/8" 4-1/2"
-1335, ENE - BAD 736

6799' PBD. SPOTTED 25 SX ACRO
PERFS 7076'-7117'

7126' C.I. BRIDGE PLUG TO
ISOLATE PERFS. AT 7134'-714

7142' PBR SQZ PERFS. 7182'-71
w/ 133 SX

7207' PBD

7250' TD

(November 1983)
(Formerly 9-331)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
LC 029395 (b)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

1. OIL WELL GAS WELL OTHER

RECEIVED BY
FEB 24 1987
D. C. D.

8. FARM OR LEASE NAME
Turner "B"

2. NAME OF OPERATOR
ARCO Oil and Gas Company

9. WELL NO.
74

3. ADDRESS OF OPERATOR
P. O. Box 1610, Midland, Texas 79702

10. FIELD AND POOL, OR WILDCAT
Cedar Lake Abo

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface 330 FNL & 990 FEL

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
29-17S-31E

14. PERMIT NO.
30-015-05456

15. ELEVATIONS (Show whether DT, RT, OR, etc.)
3735 GR

12. COUNTY OR PARISH 13. STATE
Eddy NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| | | | |
|--|---|--|--|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| RHINOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input checked="" type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) <input type="checkbox"/> | |

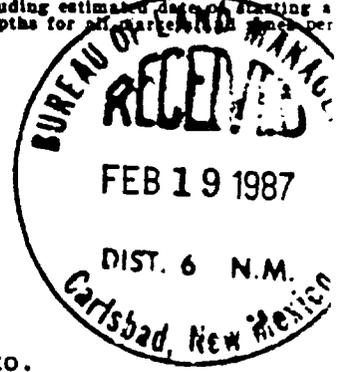
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROMISED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting a proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all marketed and pertinent to this work.)

12-1-86 RU PU. P&A'd as follows:

| Plug | Interval | Cmt | Remarks |
|------|-----------|--------|---|
| 1 | 3194-3550 | 25 sx | Spot. (B-Grybg/SA) |
| 2 | 2594-2950 | 25 sx | Spot. (T-Grybg/SA) |
| 3 | 1984-2250 | 25 sx | Spot. (Fren Seven Rivers) |
| 4 | 675-1395 | 200 sx | Perf @ 1515'. Could not pump into. Perf @ 1395'. CR @ 685' w/10' cmt. |
| 5 | 0-360 | 350 sx | Perf @ 360'. Pmpd 200 sx w/no circ. WOC. TS indicate TOC @ 200' Perf @ 175'. Pmpd 100 sx cmt w/no circ. WOC. Perf @ 70'. Pmpd 50 sx. Circ cmt to surf. |

Install dry hole marker
Well P&A'd 12-14-86



MARB=B

5

10465 + 10466

Post ID.
2-27-87
P+A

18. I hereby certify that the foregoing is true and correct

915-688-5672

SIGNED Ken W Gosnell

TITLE Engr. Tech. Spec.

DATE 1-27-87

(This space for Federal or State Commission)

APPROVED BY Area Manager

TITLE _____

DATE 2-20-87

CONDITIONS OF APPROVAL, IF ANY:

Licensee shall remain responsible until surface restoration is completed.

*See Instructions on Reverse Side

Spud: 3/25/60

by Sinclair Oil & Gas Co.

ARCO in 1971 then

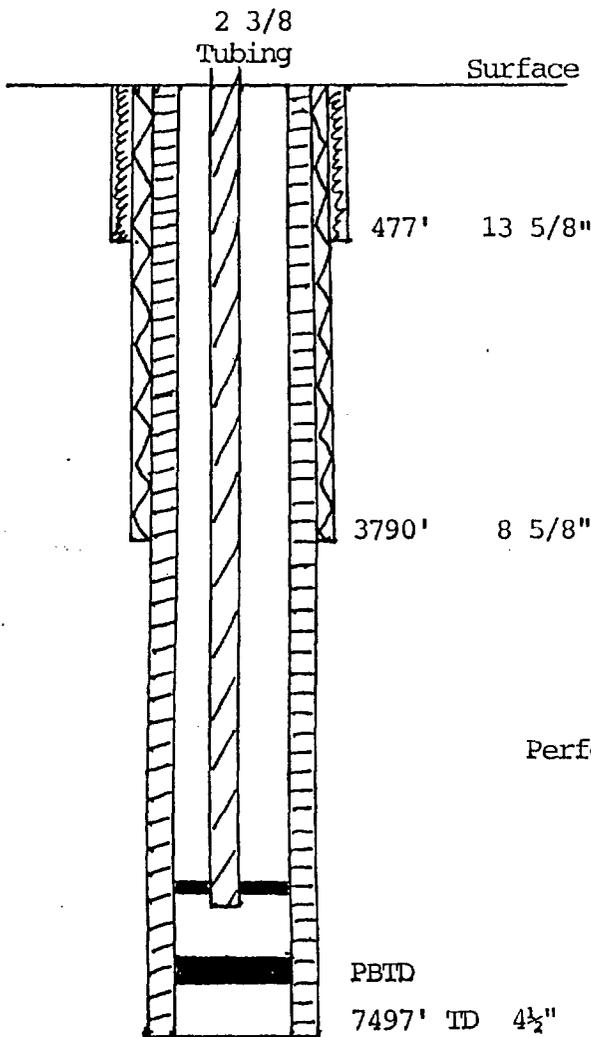
INJECTION WELL DATA SHEET

well due to economic (5 BOPD / 173 BWD) Add for possible use in 8/15/80

| | | | | |
|---------------------------|-------------------|-------------------|----------|-------|
| Marbob Energy Corporation | | Sinclair Turner B | | |
| OPERATOR | LEASE | | | |
| 65 | 330' FSL 1980 FWL | 20 | 17S | 31E |
| WELL NO. | FOOTAGE LOCATION | SECTION | TOWNSHIP | RANGE |

Schematic

Tabular Data



Surface Casing
 Size 13 5/8 O.D. " Cemented with 525 sx.
 TOC Surface feet determined by Cement Circulate
 Hole size 17 1/2"

Intermediate Casing
 Size 8 5/8 O.D. " Cemented with 2100 sx.
 TOC Surface feet determined by Cement Circulate
 Hole size 11"

Long string
 Size 4 1/2 O.D. " Cemented with 500 + 450 sx.
 TOC 1184' feet determined by Temperature Survey
 Hole size 7 7/8"
 Total depth 7497'

Injection interval
 Perforated 6890 feet to 7480 feet
 (perforated or open-hole, indicate which)

MARBOS

6

10465 + 10466

Tubing size 2 3/8" lined with Plastic Coating set in a

Halliburton Trump Pkr. packer at 6800' feet
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Abo

2. Name of Field or Pool (if applicable) Cedar Lake Abo

3. Is this a new well drilled for injection? Yes No

If no, for what purpose was the well originally drilled? Oil Well Producing from the Abo Formation.

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)

No

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

Grayburg Jackson Queen, Seven Rivers, Grayburg, San Andres,

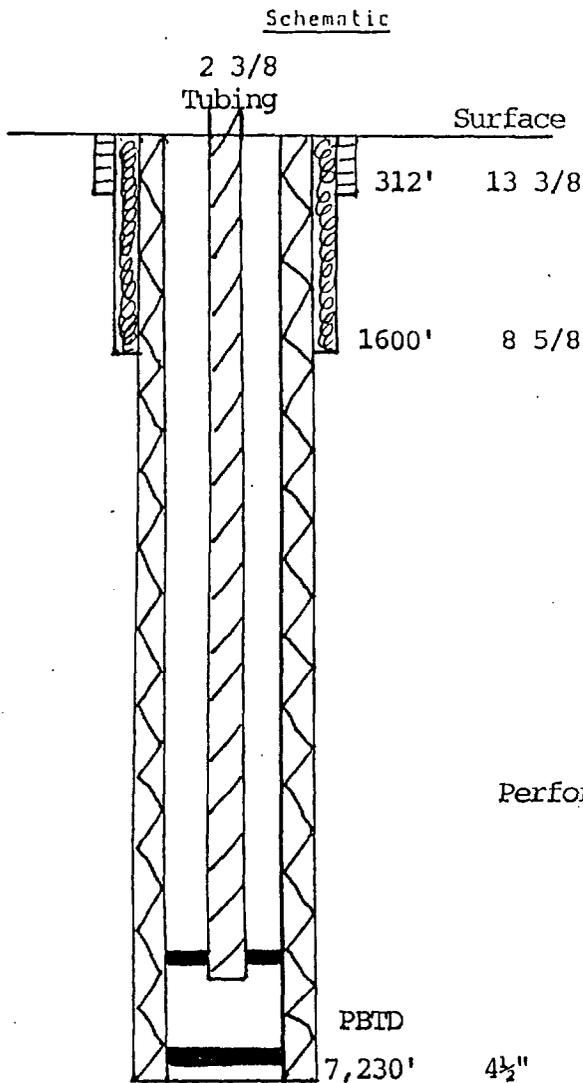
1901-4880

Spud July 29, 1960
by Sinclair Oil & Gas Co.

ARCO in 1971 Told due economics
(1 NOV 1965 AMPA) hold will set up in
6/5/50

INJECTION WELL DATA SHEET

| | | | | |
|---------------------------|---------------------|-------------------|----------|-------|
| Marbob Energy Corporation | | Sinclair Turner B | | |
| OPERATOR | | LEASE | | |
| 69 | 330' FNL, 2310' FEL | 29 | 17S | 31E |
| WELL NO. | FOOTAGE LOCATION | SECTION | TOWNSHIP | RANGE |



| Schematic | | Tabular Data | |
|---|---------------|--------------------|-------------------|
| <u>Surface Casing</u> | | | |
| Size | 13 3/8 O.D. " | Cemented with | 100 sq. |
| TOC | 143' | feet determined by | Calc. |
| Hole size | 17 1/2" | | |
| <u>Intermediate Casing</u> | | | |
| Size | 8 5/8 O.D. " | Cemented with | 1100 sq. |
| TOC | Surface | feet determined by | Calc. Circulate |
| Hole size | 11" | | |
| <u>Long string</u> | | | |
| Size | 4 1/2 O.D. " | Cemented with | 1100 sq. |
| TOC | 1400' | feet determined by | Temperature Surve |
| Hole size | 7 7/8" | | |
| Total depth | 7230' | | |
| <u>Injection interval</u> | | | |
| Perforated | 6930 - | feet to | 7230 feet |
| (perforated or open-hole, indicate which) | | | |

MARBOD 7
10465 + 10466

Tubing size 2 3/8" lined with Plastic Coating set in a
(material)
Halliburton Trump Pkr. packer at 6800 feet
(brand and model)

(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Abo
- Name of Field or Pool (if applicable) Cedar Lake Abo
- Is this a new well drilled for injection? Yes No
If no, for what purpose was the well originally drilled? Oil Well Producing
from the Abo Formation.
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Grayburg Jackson Queen, Seven Rivers, Grayburg, San Andres
1901-4880

393 7751

JNICHEM INTERNATIONAL
P.O. BOX 1499 707 NORTH LEECH STREET
HOBBS, NEW MEXICO 88240

Section 17

Marbob Energy Corp.
Drawer 217
Artesia, NM 88210

Report Date: March 31, 1992
Lab In Date: February 5, 1992
Sample Date: February 5, 1992

Dear Robert Chase

Listed below please find our water analysis report from Foster Eddy

*gybg, S.A.
Battery*

Specific Gravity:
Total Dissolved Solids:
PH:
Ionic Strength:

1.132
185436
7.80
3.298

Crushing water

=====
CATIONS:

| | | mg/liter |
|--------------|--------|----------|
| Calcium: | (Ca++) | 3200 |
| Magnesium: | (Mg++) | 340 |
| Sodium: | (Na+) | 68544 |
| Iron (Total) | (Fe++) | 2.00 |
| Barium | (Ba++) | 2.30 |
| Manganese: | (Mn++) | .02 |
| Restivity: | | |

ANIONS:

| | | |
|--------------|---------|--------|
| Bicarbonate: | (HCO3-) | 683 |
| Carbonate: | (CO3--) | 0 |
| Hydroxide: | (OH-) | 0 |
| Sulfate: | (SO4--) | 2669 |
| Chloride: | (Cl-) | 110000 |

=====
GASES:

| | | |
|-------------------|-------|-------|
| Carbon Dioxide: | (CO2) | ***** |
| Oxygen: | (O2) | ***** |
| Hydrogen Sulfide: | (H2S) | ***** |

=====
SCALE INDEX (Positive Value Indicates Scale Tendency) * indicates tests were not run.

| Temperature | | CaCO3 SI | CaSO4 SI |
|-------------|-------|----------|----------|
| 86F | 30.0C | 1.62 | -14.54 |
| 104F | 40.0C | 1.85 | -14.21 |
| 122F | 50.0C | 2.16 | -13.88 |
| 140F | 60.0C | 2.47 | -13.72 |
| 168F | 70.0C | 2.82 | -13.88 |
| 176F | 80.0C | 3.22 | -14.21 |

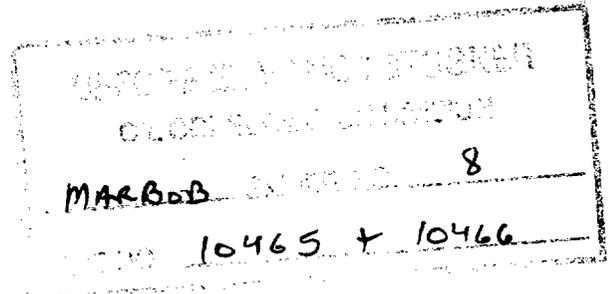
If you have any questions or require further information, please contact us.

Sincerely,

Sharon Wright
Laboratory Technician

cc: John Bedinfield
Marc Mitchell
Johnny Gray Jr.

bc: Joe Hay
Bill Polk



UNICHEM INTERNATIONAL
P.O. BOX 1499 707 NORTH LEECH STREET
HOBBS, NEW MEXICO 88240

Marbob Energy Corp.
Drawer 217
Artesia, NM 88210

Report Date: March 31, 1992
Lab In Date: February 5, 1992
Sample Date: February 5, 1992

Dear Robert Chase

Listed below please find our water analysis report from Fren ABO, Battery :

Specific Gravity: 1.035
Total Dissolved Solids: 48952
PH: 7.30
Ionic Strength: 1.021

=====
CATIONS:

| | | mg/liter |
|--------------|--------|----------|
| Calcium: | (Ca++) | 2000 |
| Magnesium: | (Mg++) | 2187 |
| Sodium: | (Na+) | 13117 |
| Iron (Total) | (Fe++) | 278.00 |
| Barium | (Ba++) | 2.50 |
| Manganese: | (Mn++) | .38 |
| Restivity: | | |

ANIONS:

| | | |
|--------------|---------|-------|
| Bicarbonate: | (HCO3-) | 1757 |
| Carbonate: | (CO3--) | 0 |
| Hydroxide: | (OH-) | 0 |
| Sulfate: | (SO4--) | 2891 |
| Chloride: | (Cl-) | 27000 |

=====
GASES:

| | | |
|-------------------|-------|-------|
| Carbon Dioxide: | (CO2) | ***** |
| Oxygen: | (O2) | ***** |
| Hydrogen Sulfide: | (H2S) | ***** |

=====
SCALE INDEX (Positive Value Indicates Scale Tendency) * indicates tests were not run.

| | Temperature | CaCO3 SI | CaSO4 SI |
|--|-------------------|----------|----------|
| | 86F 30.0C | 1.14 | -8.04 |
| | 104F 40.0C | 1.36 | -8.00 |
| | <u>122F</u> 50.0C | 1.62 | -7.54 |
| | 140F 60.0C | 1.96 | -7.04 |
| | 168F 70.0C | 2.30 | -6.11 |
| | 176F 80.0C | 2.66 | -3.81 |

If you have any questions or require further information, please contact us.

Sincerely,

Sharon Wright
Laboratory Technician

cc: John Bedinfield
Marc Mitchell
Johnny Gray Jr.

bc: Joe Hay
Bill Polk

MARBOb

8

10465 + 10466

FRESH WATER ANALYSIS

There are no fresh water wells within one mile of the proposed water disposal wells. The New Mexico State Engineer's office in Roswell indicated that their only record of fresh water wells in the area were located over a mile away. One well was located in the SW/4SW/4SW/4 Section 22, T-17S, R-31E; and one well was located in the NE/4SE/4NE/4 Section 34, T-17S, R-31E.

MARBOB 9
10465 + 10466

BEFORE THE
OIL CONSERVATION DIVISION
NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES

IN THE MATTER OF THE APPLICATION
OF MARBOB ENERGY CORPORATION
FOR SALT WATER DISPOSAL,
EDDY COUNTY, NEW MEXICO.

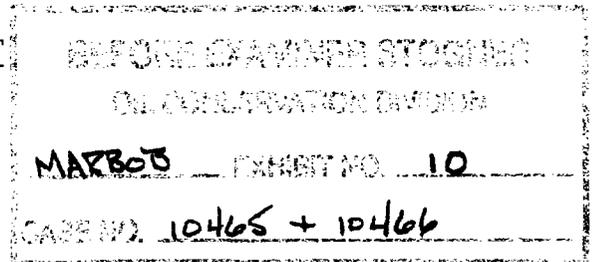
CASE NO. 10465

IN THE MATTER OF THE APPLICATION
OF MARBOB ENERGY CORPORATION
FOR SALT WATER DISPOSAL,
EDDY COUNTY, NEW MEXICO.

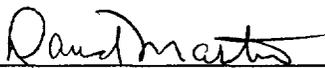
CASE NO. 10466

AFFIDAVIT

STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)

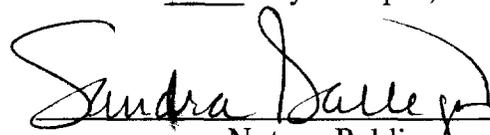


David Martin, authorized representative of Marbob Energy Corporation, the Applicant herein, being first duly sworn, upon oath, states that the notice provisions of Rule 1207 of the New Mexico Oil Conservation Division have been complied with, that Applicant has caused to be conducted a good faith diligent effort to find the correct addresses of all operators of proration or spacing units offsetting the unit for which this unorthodox location is sought, as shown by Exhibit "A" attached hereto, and that pursuant to Rule 1207, notice has been given by certified mail as provided by such rule.



David Martin

SUBSCRIBED AND SWORN to before me this 15th day of April, 1992.



Notary Public

My Commission Expires:

Nov. 5, 1994

EXHIBIT A

Bureau of Land Management
Post Office Box 1778
Carlsbad, New Mexico 88210
Attn: Shannon Shaw

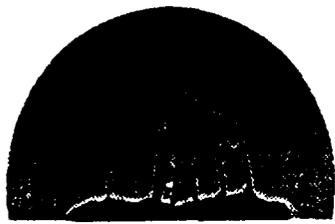
Premier Production Company
Post Office Box 1246
Artesia, New Mexico 88210

Texaco Exploration and Production
Post Office Box 2100
Denver, Colorado 80201-2100

ARCO
Post Office Box 1610
Midland, Texas 79702

Avon Energy, Inc.
410 17th Street, Suite 430
Denver, Colorado 80202

Socorro Petroleum Corporation
Post Office Box 38
Loco Hills, New Mexico 88255



marbob
energy corporation

March 27, 1992

Bureau of Land Management
P. O. Box 1778
Carlsbad, New Mexico 88210

Attn: Shannon Shaw

Re: Produced Water Injection App.
Cedar Lake Abo Pool
Federal Lease LC-029395 B
Sinclair Turner B 65 & 69
Eddy County, New Mexico

Dear Mr. Shaw:

Enclosed herewith in duplicate is Marbob Energy Corporation's Application to the New Mexico Oil Conservation Division for the authority to inject produced water into the Sinclair Turner B 65 located 330' FSL and 1980 FWL Section 20, and the Sinclair Turner B 69 located 330' FNL and 2310' FEL Section 29; Township 29 South, Range 31 East, Eddy County, New Mexico. Also enclosed with the Application are BLM Sundry Notice Forms requesting BLM approval.

Please review this Application. If you have any questions concerning this matter, please call me at 505/748-3303. If you have no objections, please sign below and return one copy of this letter to Marbob Energy Corporation and one copy to the attention of Michael Stogner, Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501.

Thank you for your help in this matter.

Sincerely,

David Martin
Land Department

DM/mm
Enclosures

The Bureau of Land Management, Carlsbad has no objection to the two disposal wells as proposed by Marbob Energy Corporation in Sections 19 and 29 of T-17S, R-31E, Eddy County, New Mexico.

By: _____

Title: _____

Date: _____

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
 Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fee and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery. (Extra charge)

3. Article Addressed to:
 Bureau of Land Management
 P. O. Box 1778
 Carlsbad, NM 88220

4. Article Number
P 885 891 123

Type of Service:
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

Always obtain signature of addressee or agent and **DATE DELIVERED**

5. Signature - Addressee
 X

6. Signature - Agent
 X *Betty Hill*

7. Date of Delivery
 3/30/92

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Apr. 1989 * U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

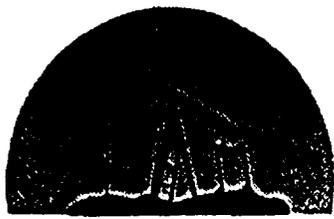
P 885 891 123

Certified Mail Receipt
 No Insurance Coverage Provided
 Do not use for International Mail
 SPECIAL MAIL POSTAL SERVICE (See Reverse)

MAP 90 1992

| | |
|---|------------------------------|
| Sent to | Bureau of Land Management |
| Street & No. | P. O. Box 1778 |
| P. O. State & ZIP Code | Carlsbad, NM 88210 |
| Postage | \$ 2.90 |
| Certified fee | 1.00 |
| Special Delivery Fee | |
| Restricted Delivery Fee | |
| Return Receipt Showing to Whom & Date Delivered | 1.00 |
| Return Receipt Showing to Whom, Date, & Address of Delivery | |
| TOTAL Postage & Fees | \$ 4.90 |
| Postmark or Delivery Point | ARTESIA, N.M. MAR 27 1992 |

Form 3800, June 1990



marbob
energy corporation

March 24, 1992

Premier Production Company
P. O. Box 1246
Artesia, New Mexico 88210

RE: Proposed Water Disposal Wells
Cedar Lake Abo Pool
Sinclair Turner B 65
Sinclair Turner B 69
Eddy County, New Mexico

Gentlemen:

Enclosed is an application for two water disposal wells located in Sections 20 and 29 of Township 17 South, Range 31 East, Eddy County, New Mexico. As an offset operator to these wells, we ask that you review the proposed application. All attachments required by this Division Form are attached for your information **except** for the schematic drawings of each plugged well as required by paragraph VI of this application. These schematic drawings are on file and may be reviewed in the Oil Conservation Division's Artesia and Santa Fe offices, or by contacting David Martin, Marbob Energy Corporation, P. O. Drawer 217, Artesia, New Mexico 88210.

This application has been set for hearing before an Examiner of the Oil Conservation Division on April 16, 1992. As the owner of an interest who may be affected by this application, you may appear at that hearing and present testimony. Failure to appear at that time or otherwise become a party of record will preclude you from challenging this application.

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Sincerely,

David Martin
Land Department

DM/mm
Enclosures

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 Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery (Extra charge)

3. Article Addressed to:
 Premier Production Company
 P. O. Box 1246
 Artesia, NM 88210

4. Article Number
 P 885 891 122

Type of Service:
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
 X *Kosali Jones*

6. Signature - Agent
 X

7. Date of Delivery
 4-1-92

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Apr. 1989 * U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

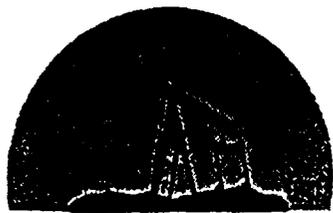
PS Form 3800, June 1990

| | |
|--|---------|
| Sent to Premier Production Company | |
| Street & No. P.O. Box 1246 | |
| P.O. State & ZIP Code Artesia, NM 88210 | |
| Postage | \$ 1.00 |
| Certified Fee | 1.00 |
| Special Delivery Fee | |
| Restricted Delivery Fee | |
| Return Receipt, Showing to Whom & Date Delivered | 1.00 |
| Return Receipt, Showing to Whom, Date, & Address of Delivery | |
| TOTAL Postage & Fees | \$ 3.00 |
| Postmark (to Date) | |



Certified Mail Receipt
 For Insurance Coverage Provided
 Do not use for International Mail
 (See Reverse)

P 885 891 122



marbob
energy corporation

March 24, 1992

Texaco Exploration and Production
P. O. Box 2100
Denver, Colorado 80201-2100

RE: Proposed Water Disposal Wells
Cedar Lake Abo Pool
Sinclair Turner B 65
Sinclair Turner B 69
Eddy County, New Mexico

Gentlemen:

Enclosed is an application for two water disposal wells located in Sections 20 and 29 of Township 17 South, Range 31 East, Eddy County, New Mexico. As an offset operator to these wells, we ask that you review the proposed application. All attachments required by this Division Form are attached for your information **except** for the schematic drawings of each plugged well as required by paragraph VI of this application. These schematic drawings are on file and may be reviewed in the Oil Conservation Division's Artesia and Santa Fe offices, or by contacting David Martin, Marbob Energy Corporation, P. O. Drawer 217, Artesia, New Mexico 88210.

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Sincerely,

David Martin
Land Department

DM/mm
Enclosures

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this from being returned to you. The return receipt fee will provide you the name of the person delivered to on the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery (Extra charge)

| | |
|--|------------------------------------|
| 3. Article Addressed to: Texaco Exploration & Production P. O. Box 2100 Denver, CO 80201-2100 | 4. Article Number P 885 891 120 |
| Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input checked="" type="checkbox"/> Return Receipt for Merchandise | |

Turner B 65 & 69 (Water Disposal)

| | |
|---|---|
| 5. Signature - Addressee X | 8. Addressee's Address (ONLY if requested and fee paid) |
| 6. Signature - Agent X <i>X. MacLean</i> | |
| 7. Date of Delivery 3/27/92 | |

PS Form 3811, Apr. 1989

★ U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

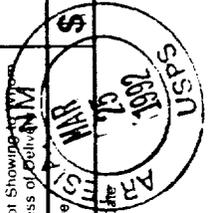
P 885 891 120



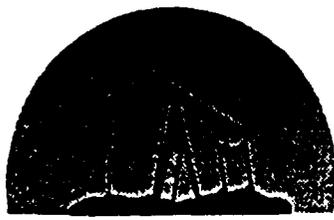
Certified Mail Receipt

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

| | |
|---|--|
| Sent to Texaco Exploration & Prod. | |
| Street & No. P. O. Box 2100 | |
| P.O. State & ZIP Code Denver, CO 80201-2100 | |
| Postage \$.52 | |
| Certified Fee 1.00 | |
| Special Delivery Fee | |
| Restricted Delivery Fee | |
| Return Receipt Showing to Whom & Date Delivered 1.00 | |
| Return Receipt Showing Date, & Address of Delivery | |
| TOTAL Postage/Fees & Postmark or Date | |



PS Form 3800, June 1990



marbob
energy corporation

March 24, 1992

Arco
P. O. Box 1610
Midland, Texas 79702

RE: Proposed Water Disposal Wells
Cedar Lake Abo Pool
Sinclair Turner B 65
Sinclair Turner B 69
Eddy County, New Mexico

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David Martin
Land Department

DM/mm
Enclosures

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1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery (Extra charge)

| | |
|--|---|
| 3. Article Addressed to: Arco P. O. Box 1610 Midland, TX 79702 Turner B 65 & 69 (Water Disposal) | 4. Article Number P 885 891 121 Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input checked="" type="checkbox"/> Return Receipt for Merchandise Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> . |
| 5. Signature - Addressee X <i>[Signature]</i> | 8. Addressee's Address (ONLY if requested and fee paid) |
| 6. Signature - Agent X | |
| 7. Date of Delivery MAR 26 1992 | |

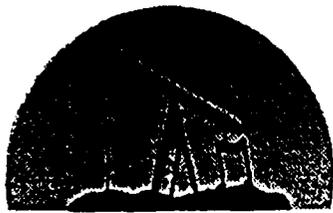
PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

P 885 891 121

Certified Mail Receipt
No Insurance Coverage Provided
Do not use for International Mail
INTERNATIONAL SERVICE (See Reverse)

| | | |
|---|--------------------------------|--------------------------------|
| Sent to Arco | Street & No. P. O. Box 1610 | Postage \$.52 |
| PO, State & ZIP Code Midland, TX 79702 | Certified Fee 1.00 | Special Delivery Fee |
| Return Receipt Showing to Whom & Date Delivered 1.00 | Restricted Delivery Fee | TOTAL Postage & Fees \$2.52 |
| Return Receipt Showing to Whom, Date, & Address of Addressee MAR 26 1992 | Postmaster or Agent | |

Form 3800, June 1990



marbob
energy corporation

March 24, 1992

Avon Energy, Inc.
410 17th St., Suite 430
Denver, Colorado 80202

RE: Proposed Water Disposal Wells
Cedar Lake Abo Pool
Sinclair Turner B 65
Sinclair Turner B 69
Eddy County, New Mexico

Gentlemen:

Enclosed is an application for two water disposal wells located in Sections 20 and 29 of Township 17 South, Range 31 East, Eddy County, New Mexico. As an offset operator to these wells, we ask that you review the proposed application. All attachments required by this Division Form are attached for your information **except** for the schematic drawings of each plugged well as required by paragraph VI of this application. These schematic drawings are on file and may be reviewed in the Oil Conservation Division's Artesia and Santa Fe offices, or by contacting David Martin, Marbob Energy Corporation, P. O. Drawer 217, Artesia, New Mexico 88210.

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Sincerely,

David Martin
Land Department

DM/mm
Enclosures

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1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery (Extra charge)

| | |
|--|---|
| 3. Article Addressed to: Avon Energy, Inc. 410 17th St., Suite 430 Denver, CO 80202 | 4. Article Number P 885 891 118 Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input checked="" type="checkbox"/> Return Receipt for Merchandise |
| Turner B 65 & 69 (Water Disposal) | |
| 5. Signature - Addressee X | 8. Addressee's Address (ONLY if requested and fee paid)  |
| 6. Signature - Agent X <i>[Handwritten Signature]</i> | |
| 7. Date of Delivery 3-27-92 | |

PS Form 3811, Apr. 1989

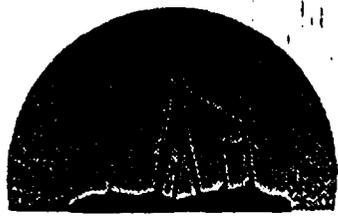
U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

MAR 26 1992
Certified Mail Receipt
 No Insurance Coverage Provided
 Do not use for International Mail
 (See Reverse)
 UNITED STATES POSTAL SERVICE

| | |
|--|---------|
| Sent to | |
| Avon Energy, Inc. | |
| Street & No. 410 17th St., Suite 430 | |
| P.O., State & ZIP Code Denver, CO 80202 | |
| Postage | \$ 1.52 |
| Certified Fee | 1.00 |
| Special Delivery Fee | |
| Restricted Delivery Fee | |
| Return Receipt Showing to Whom & Date Delivered | 1.00 |
| Return Receipt Showing Whom, Date, & Address of Delivery | |
| TOTAL Postage, Fees & Postmark or Date | \$ 2.52 |

PS Form 3800, June 1990



marbob
energy corporation

March 24, 1992

Socorro Petroleum Corporation
P. O. Box 38
Loco Hills, New Mexico 88255

RE: Proposed Water Disposal Wells
Cedar Lake Abo Pool
Sinclair Turner B 65
Sinclair Turner B 69
Eddy County, New Mexico

Gentlemen:

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Sincerely,

David Martin
Land Department

DM/mm
Enclosures

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1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery (Extra charge)

| | |
|--|--|
| 3. Article Addressed to: Socorro Petroleum Corporation P. O. Box 38 Loco Hills, NM 88255 | 4. Article Number P 885 891 119 |
| Turner B 65 & 69 (Water Disposal) | Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input checked="" type="checkbox"/> Return Receipt for Merchandise |
| | Always obtain signature of addressee or agent and DATE DELIVERED. |
| 5. Signature - Addressee X | 8. Addressee's Address (ONLY if requested and fee paid) |
| 6. Signature - Agent X <i>[Signature]</i> | |
| 7. Date of Delivery 3-26-92 | |

PS Form 3811, Apr. 1989

* U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

P 885 891 119

Certified Mail Receipt
 No Insurance Coverage Provided
 Do not use for International Mail
 (See Reverse)

Socorro Petroleum Corporation

| | |
|---|--------------------|
| Street & No. P. O. Box 38 | |
| P.O., State & ZIP Code LOCO HILLS, NM 88255 | |
| Postage | \$.52 |
| Certified Fee | 1.00 |
| Special Delivery Fee | |
| Restricted Delivery Fee | |
| Return Receipt Showing to Whom & Date Delivered | 1.00 |
| Return Receipt Showing to Whom, Date, & Address of Delivery | |
| TOTAL Postage & Fees | \$ 1.52 |
| Postmark or Date | MAR 26 1992 |

Form 3800, June 1990