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2007 NOV 14 PM 1 28

November 13, 2007

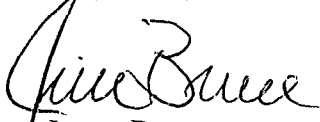
*Case 14047*

Florene Davidson  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Dear Florene:

Enclosed for filing, on behalf of Celero Energy II, L.P., are an application for approval of a waterflood project, together with a proposed advertisement. The advertisement has also been e-mailed to the Division. Please set this matter for the December 13, 2007 Examiner hearing. Thank you.

Very truly yours,

  
James Bruce  
Attorney for Celero Energy II, L.P.

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF CELERO ENERGY II L.P.  
FOR EXPANSION OF A WATERFLOOD PROJECT,  
CHAVES COUNTY, NEW MEXICO.

Case No. 14047

APPLICATION

Celero Energy II, L.P. applies for an order approving an expansion of a lease waterflood project, and in support thereof, states:

1. The lands involved in this application are:

Township 14 South, Range 31 East, N.M.P.M.

Section 4: Lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$ , and S $\frac{1}{2}$  (All)

Section 5: Lot 1, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , and E $\frac{1}{2}$ SE $\frac{1}{4}$

Section 9: All

Chaves County, New Mexico, containing 801.12 acres of federal lands.

The above-described lands are covered by the "Trigg Federal Lease."

2. Applicant is the operator of the Queen formation (Caprock-Queen Pool), in the Trigg Federal Lease.

3. Under Division regulations and orders, the Caprock-Queen Pool (the "Pool") is developed on statewide rules, with 40 acre well spacing, and wells to be located no closer than 330 feet to a quarter-quarter section line.

4. Oil Conservation Commission Order No. R-1456, dated August 1, 1959, approved a waterflood project in the Pool with the project area (the Caprock-Queen Waterflood Project) consisting of the following lands:

Township 14 South, Range 31 East, N.M.P.M.

Section 4: Lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$ , and S $\frac{1}{2}$  (All)

Section 5: Lot 1, SE $\frac{1}{4}$ NE $\frac{1}{4}$ , and NE $\frac{1}{4}$ SE $\frac{1}{4}$

Section 9: All

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Four injection wells were authorized by this order. Oil Conservation Commission Order No. R-2470, dated April 22, 1963, approved the expansion of the Caprock-Queen Waterflood Project by authorizing three additional injection wells.

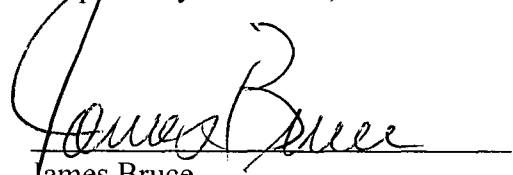
5. Applicant proposes to develop and expand the Caprock-Queen Waterflood Project as described in Exhibit A. Initially there will be twenty (20) injection wells located on the above-described lands. The Form C-108 for the project expansion is attached hereto as Exhibit B. Applicant requests that the order entered pursuant to this application allow administrative approval for any future expansion of the project.

6. Applicant further requests that Caprock-Queen Waterflood Project be expanded to include the SE<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub> of Section 5, Township 14 South, Range 31 East, N.M.P.M.

7. Approval of this application will prevent waste and protect correlative rights.

**WHEREFORE**, applicant requests that, after notice and hearing, the Division enter its order approving the expansion of the Caprock-Queen Waterflood Project.

Respectfully submitted,



James Bruce  
Post Office Box 1056  
Santa Fe, New Mexico 87504  
(505) 982-2043

Attorney for Celero Energy II, L.P.

Plan of Development:

- 2007 to 2009: Reactivate existing TA'd and shut-in wells in Section 4 and the N/2 N/2 of Section 9 as an 80-acre waterflood spending approximately \$1.4MM on well reactivations plus additional monies for new facilities including tank batteries, flowlines, injection facilities and lines.
  - 2009 & 2010: Re-enter or re-drill plugged and abandoned wells primarily in Section 9 as an 80-acre waterflood as well as any additional facilities and lines needed to support the new wells.
  - As Celero Energy implements this plan of development, there will likely be significant changes to the basic 80-acre waterflood redevelopment plan based on additional reservoir and geologic studies and actual operational performance as we progress this plan of development. Celero plans to keep the NM OCD apprised of the changes as we plan to implement them.
  - Potential development changes may include such things as increased density drilling, changing waterflood patterns and orientations, not reactivating portions of the lease or shutting in portions of the lease due to poor performance, poor economics, and/or significant oil price softening.
- 

EXHIBIT

A

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE:     X     Secondary Recovery                  Pressure Maintenance                  Disposal                  Storage  
Application qualifies for administrative approval?     X     Yes                  No
- II. OPERATOR: Celero Energy II, LP  
ADDRESS: 400 West Illinois Ave., Suite 1601  
CONTACT PARTY: John E. Anderson                                                                  PHONE: 432-686-1883 ext 157
- 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?     X     Yes                  No  
If yes, give the Division order number authorizing the project: R-1456
- 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: John E. Anderson                                                                  TITLE: Petroleum Engineer  
SIGNATURE: John E. Anderson DATE: 9-17-07  
E-MAIL ADDRESS: janderson@celeroenergy.com
- \* If the information required under Sections VI, VIII, X, and XI above has been pre-  
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, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

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

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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.

OPERATOR: Celero Energy II, L P

WELL NAME & NUMBER: Trigg Federal No. 16

WELL LOCATION: 665' FNL & 1980' FEL  
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE R31E

WELLBORE SCHEMATIC (See Attached)

WELL CONSTRUCTION DATA  
Surface Casing

Hole Size: 11" Casing Size: 8 5/8"/ 24# J-55  
 Cemented with: 50 sx. or ft<sup>3</sup>  
 Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:  
 Cemented with: sx. or ft<sup>3</sup>  
 Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2"/ 14# J-55  
 Cemented with: 100 sx. or ft<sup>3</sup>  
 Top of Cement: 2120' +/- Method Determined: Calculated

Total Depth: 2820'

Injection Interval

2804 feet to 2820' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55      Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth: 2727'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?      Yes ☐ No ☒  
If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_  
\_\_\_\_\_
2. Name of the Injection Formation: Queen
3. Name of Field or Pool (if applicable): Caprock
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

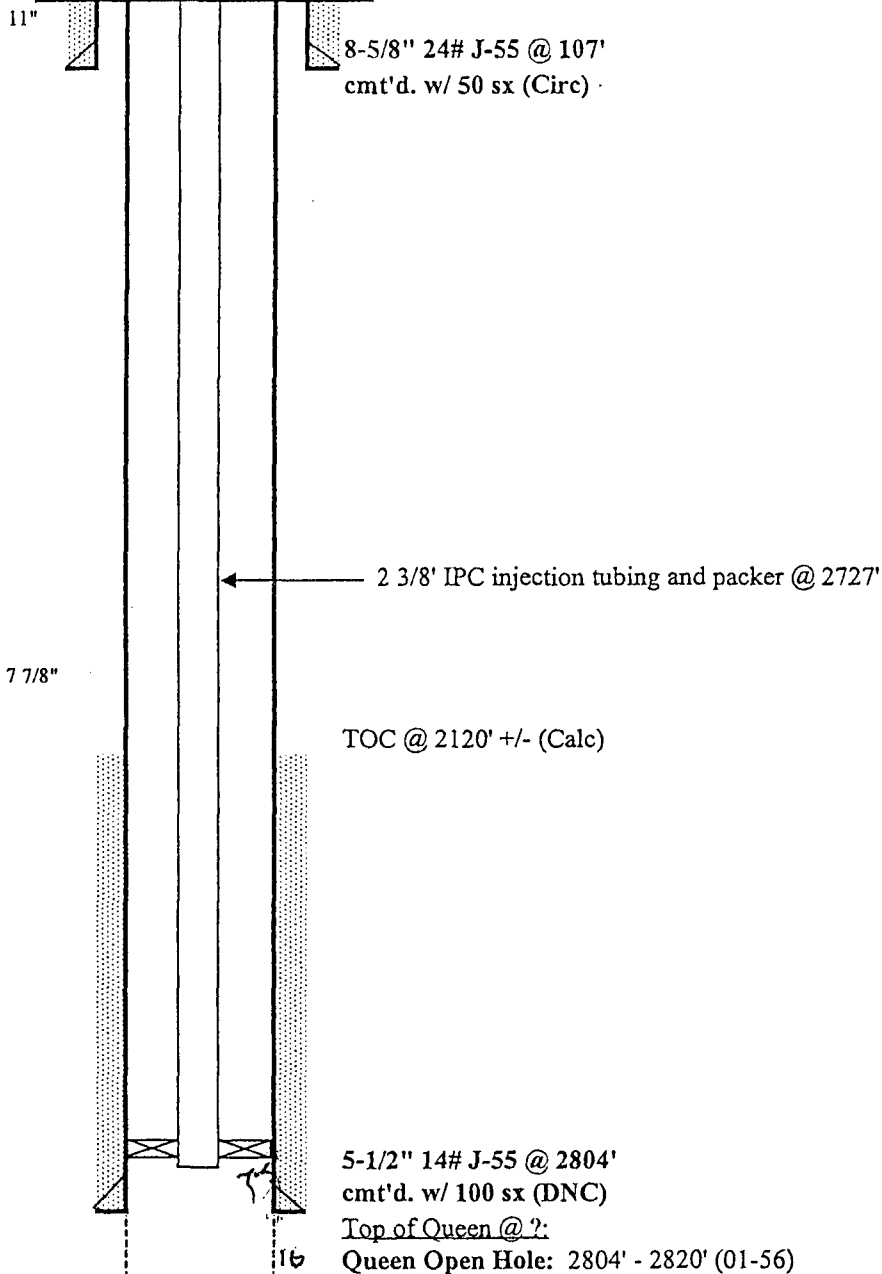
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jun. 26, 2007  
BY: JEA  
WELL: 16  
STATE: New Mexico

Location: 665' FNL & 1980' FEL, Sec 4B, T14S, R31ECM  
SPUD: 12/17/55 COMP: 01/56  
CURRENT STATUS: Injector  
Original Well Name: Federal Trigg #16-4

KB = 4198'  
GL = 4192'  
API = 30-005-00985



PBTD - 2820'  
TD - 2820'

7/30/2007

Trigg Federal #16

Well History: Trigg Federal No. 16

(01-56) - Initial Completion: Fracture Stimulated w/ 10,000 gal oil and 15,000# sand. Put well on production (IP 247 BOPD/ 0 BWPD).

(11-60) - Converted to Injection:

(03-80) - Workover: Acidized w/ 1000 gal HAl 50 acid.

(06-81) - Workover: Ran 2 3/8" IPC injection tubing and packer and set @ 2727'.

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME &amp; NUMBER: Trigg Federal No. 32

WELL LOCATION: 665' FNL &amp; 990' FWL

D

FOOTAGE LOCATION

UNIT LETTER

4

SECTION

T14S

TOWNSHIP

R31E

RANGE

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATA  
Surface Casing

Hole Size: 11"

Casing Size: 8 5/8" / 24# J-55

Cemented with: 50 sx.

or

ft<sup>3</sup>

Top of Cement: Surface

Method Determined: Circulated

Intermediate Casing

Hole Size: \_\_\_\_\_

Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_

sx.

or

ft<sup>3</sup>

Top of Cement: \_\_\_\_\_

Method Determined: \_\_\_\_\_

Production Casing

Hole Size: 7 7/8"

Casing Size: 5 1/2" / 14# J-55

Cemented with: 100 sx.

or

ft<sup>3</sup>

Top of Cement: 2080' +/-

Method Determined: Calculated

Total Depth: 2762'

Injection Interval

2738 feet to 2750' (Perforated)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55      Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth: 2153'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?      Yes ☐ X ☒ No

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

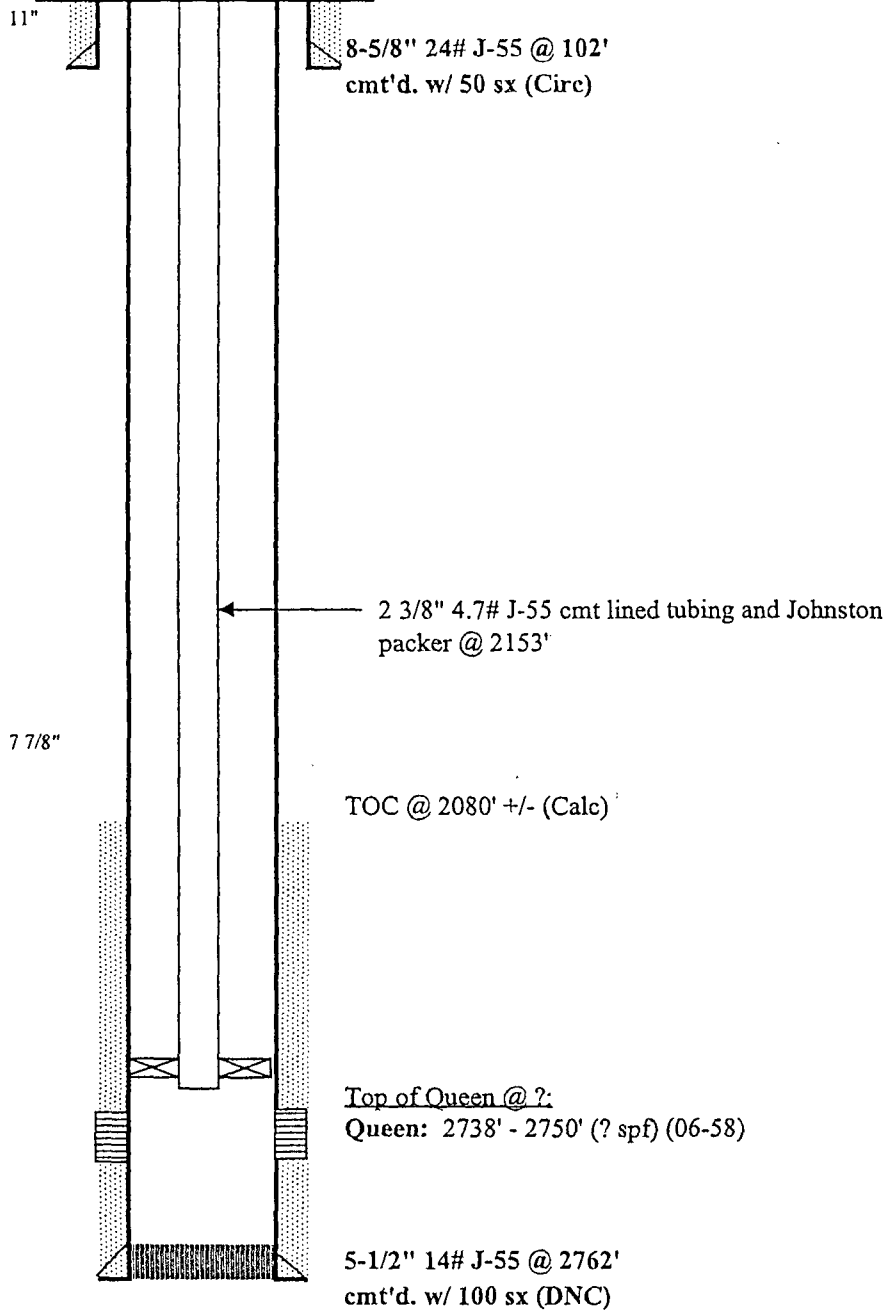
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jun. 26, 2007  
BY: JEA  
WELL: 32  
STATE: New Mexico

Location: 665' FNL & 990' FWL, Sec 4D, T14S, R31ECM  
SPUD: 05/17/58 COMP: 06/58  
CURRENT STATUS: Injector  
Original Well Name: Federal-Trigg #32-4

KB = 4140'  
GL = 4136'  
API = 30-005-00993



PBTD - '  
TD - 2762'

7/30/2007

Trigg Federal #32

Well History: Trigg Federal No. 32

(06-58) - Initial Completion: Logged well and perforated 2738' - 2750' w/ ? SPF. Put well on production, IP 37 BOPD/ 0 BWPD.

(05-62) - Convert to Injector: Ran 2 3/8" cement lined tubing w/ Howco R-3 packer @ 2285'.

(10-84) - Workover: Ran 2 3/8" cement lined tubing w/ Johnston packer @ 2153'. Hole in casing @ 2200'.

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME &amp; NUMBER: Trigg Federal No. 23

WELL LOCATION: 1990' FNL &amp; 2310' FWL

F

FOOTAGE LOCATION

UNIT LETTER

4

SECTION

T14S

TOWNSHIP

R31E

RANGE

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATA  
Surface Casing

Hole Size: 11"

Casing Size: 8 5/8" / 24# J-55

Cemented with: 50 sx.

or

ft<sup>3</sup>

Top of Cement: Surface

Method Determined: Circulated

Intermediate Casing

Hole Size: \_\_\_\_\_

Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_

sx.

or

ft<sup>3</sup>

Top of Cement: \_\_\_\_\_

Method Determined: \_\_\_\_\_

Production Casing

Hole Size: 7 7/8"

Casing Size: 5 1/2" / 14# J-55

Cemented with: 100 sx.

or

ft<sup>3</sup>

Top of Cement: 2100' +/-

Method Determined: Calculated

Total Depth: 2815'

Injection Interval

2788 feet to 2794' (Perforated)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55      Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth:

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?      Yes ☐ X ☐ No

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

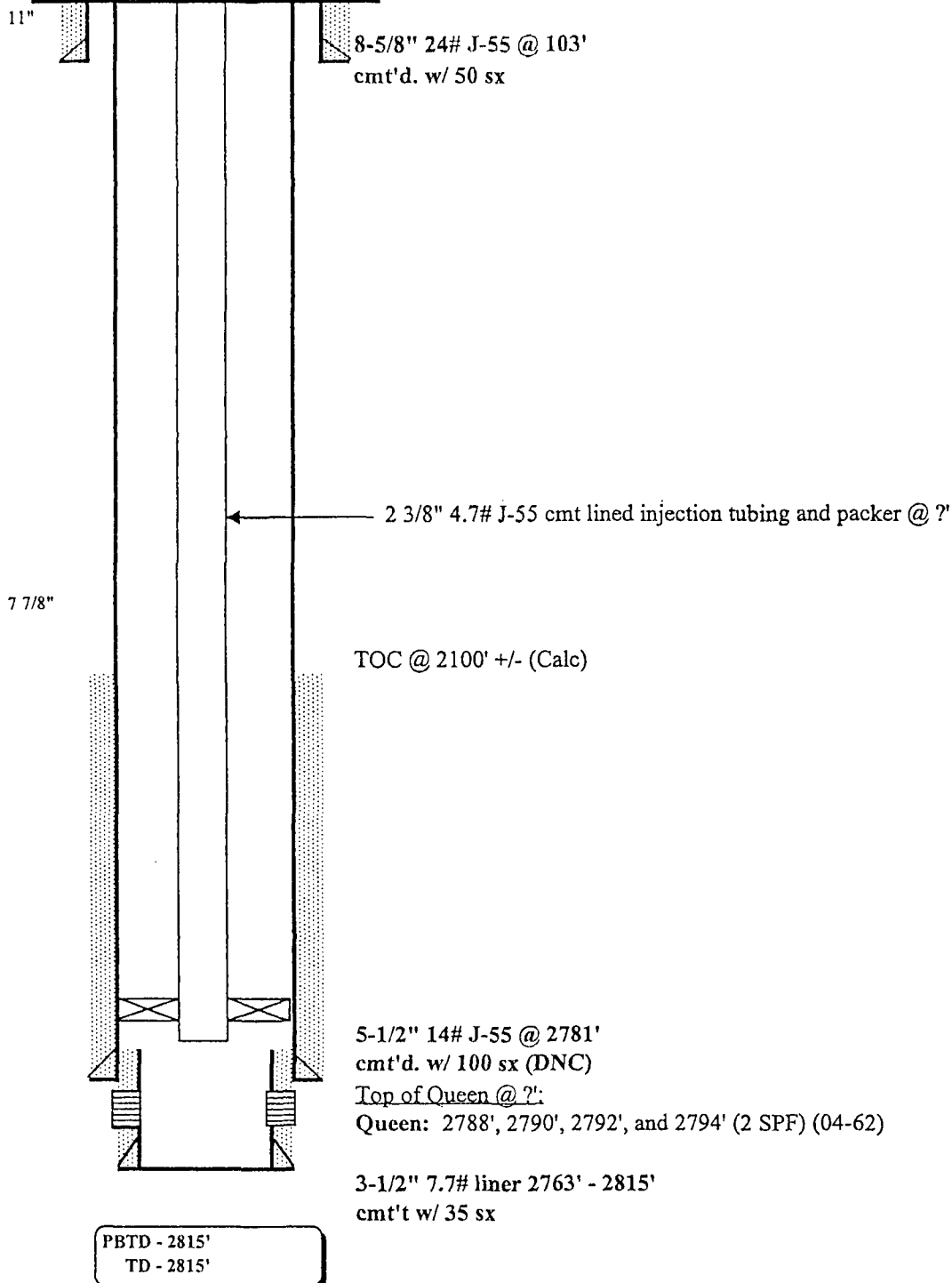
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jun. 27, 2007  
BY: JEA  
WELL: 23  
STATE: New Mexico

Location: 1990' FNL & 2310' FWL, Sec 4F, T14S, R31ECM  
SPUD: 06/28/56 COMP: 07/56  
CURRENT STATUS: Injector  
Original Well Name: Federal Trigg #23-4

KB =  
GL =  
API = 30-005-00988



Well History: Trigg Federal No. 23

(07-56) - Initial Completion: Fracture Stimulated w/ 15,000 gal oil and 20,000# sand. Put well on production, IP 108 BOPD/ 0 BWPD.

(01-61) - Convert to Injector: Ran 2 3/8" 4.7# J-55 cmt lined injection tubing w/ Howco R-3 packer and set @ 2,513'. Inj rate of 350 BWPD.

(04-62) - Workover: CO and DO to 2815'. Ran 3.5" 7.7# liner from 2763' - 2815' and cemented w/ 35 sx neat cement. Perforate @ 2795' and squeeze cement w/ 150 sx cement w/ additives in two attempts. Squeeze cement again w/ 150 sx cement. DO to 2815'. Perforated 2 SPF @ 2788', 2790', 2792', and 2794'. RWTI.

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME &amp; NUMBER: Trigg Federal No. 7

|                                     |             |         |          |       |
|-------------------------------------|-------------|---------|----------|-------|
| WELL LOCATION: 1990' FNL & 660' FEL | H           | 4       | T14S     | R31E  |
| FOOTAGE LOCATION                    | UNIT LETTER | SECTION | TOWNSHIP | RANGE |

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATA  
Surface Casing

|                        |                               |                 |
|------------------------|-------------------------------|-----------------|
| Hole Size: 17"         | Casing Size: 13-3/8" / 44#    |                 |
| Cemented with: 50 sx.  | or                            | ft <sup>3</sup> |
| Top of Cement: Surface | Method Determined: Circulated |                 |

Intermediate Casing

|                          |                          |                 |
|--------------------------|--------------------------|-----------------|
| Hole Size: _____         | Casing Size: _____       |                 |
| Cemented with: _____ sx. | or                       | ft <sup>3</sup> |
| Top of Cement: _____     | Method Determined: _____ |                 |

Production Casing

|                          |                                  |                 |
|--------------------------|----------------------------------|-----------------|
| Hole Size: 7 7/8"        | Casing Size: 5 1/2" / 14# / J-55 |                 |
| Cemented with: 100 sx.   | or                               | ft <sup>3</sup> |
| Top of Cement: 2140' +/- | Method Determined: Calculated    |                 |

Total Depth: 2847'Injection Interval

2824 feet to 2847' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8"/ 4.7# J-55

Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth:

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_

Yes ☒ No ☐

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jun. 27, 2007  
BY: JEA  
WELL: 7  
STATE: New Mexico

Location: 1990' FNL & 660' FEL, Sec 4H, T14S, R31ECM  
SPUD: 02/25/55 COMP: 03/55  
CURRENT STATUS: P&A (10-85)  
Original Well Name: Federal Trigg #7-4

KB = 4222'  
GL = 4220'  
API = 30-005-00980

Set 10 sx cmt plug at surface and pumped 145 sx cmt down 5 1/2" x 8 5/8" 13-3/8" 44# @ 130' casing annulus cmt't w/ 50 sx

11"

Note: 8 5/8" casing was set @ 1160' during drilling operation but was subsequently pulled after the well was drilled to TD.  
Set 30 sx cmt plug @ 1300'

7 7/8"

TOC @ 2140' +/- (Calc)

Set 30 sx cmt plug 2535' - 2600'

5-1/2" 14# J-55 @ 2824'  
cmt'd. w/ 100 sx (DNC)

Top of Queen @ 2822':  
Queen Open Hole: 2824' - 2847' (03-55)

PBTD - 2847'  
TD - 2847'

**Well History: Trigg Federal No. 7**

(03-55) - Initial Completion: Put well on production, IP 120 BOPD/ 0 BWPD.

(06-57) - Workover: Fracture stimulated w/ 23,000 gal oil, 15,000# 20-40 sand and 15,000# 10-20 sand @ 23.6 BPM and 2050 - 2400 psi STP.

(02-60) - Convert to Injector: Ran 2 3/8" 4.7# IPC injection tubing and Howco R-3 tension packer and set @ 2684'.

(06-80) - Workover: Treat well with 250 gal Hy Sol 704 and 1500 gal 15% NEFE acid.

(10-85) - P&A Well:

INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME & NUMBER: Trigg Federal No. 14

|                                      |             |         |          |       |
|--------------------------------------|-------------|---------|----------|-------|
| WELL LOCATION: 2310' FSL & 1650' FEL | J           | 4       | T14S     | R31E  |
| FOOTAGE LOCATION                     | UNIT LETTER | SECTION | TOWNSHIP | RANGE |

WELLBORE SCHEMATIC (See Attached)

WELL CONSTRUCTION DATA  
Surface Casing

|                        |                                  |
|------------------------|----------------------------------|
| Hole Size: 11"         | Casing Size: 8 5/8" / 24# / J-55 |
| Cemented with: 50 sx.  | or ft <sup>3</sup>               |
| Top of Cement: Surface | Method Determined: Circulated    |

Intermediate Casing

|                |                        |
|----------------|------------------------|
| Hole Size:     | Casing Size:           |
| Cemented with: | sx. or ft <sup>3</sup> |
| Top of Cement: | Method Determined:     |

Production Casing

|                          |                                  |
|--------------------------|----------------------------------|
| Hole Size: 7 7/8"        | Casing Size: 5 1/2" / 14# / J-55 |
| Cemented with: 100 sx.   | or ft <sup>3</sup>               |
| Top of Cement: 2115' +/- | Method Determined: Calculated    |
| Total Depth: 2813'       |                                  |

Injection Interval

2803 feet to 2813' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55      Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth:

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?      Yes \_\_\_ X \_\_\_ No \_\_\_
- If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

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INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55      Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth:

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?      Yes    X    No
- If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_
3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

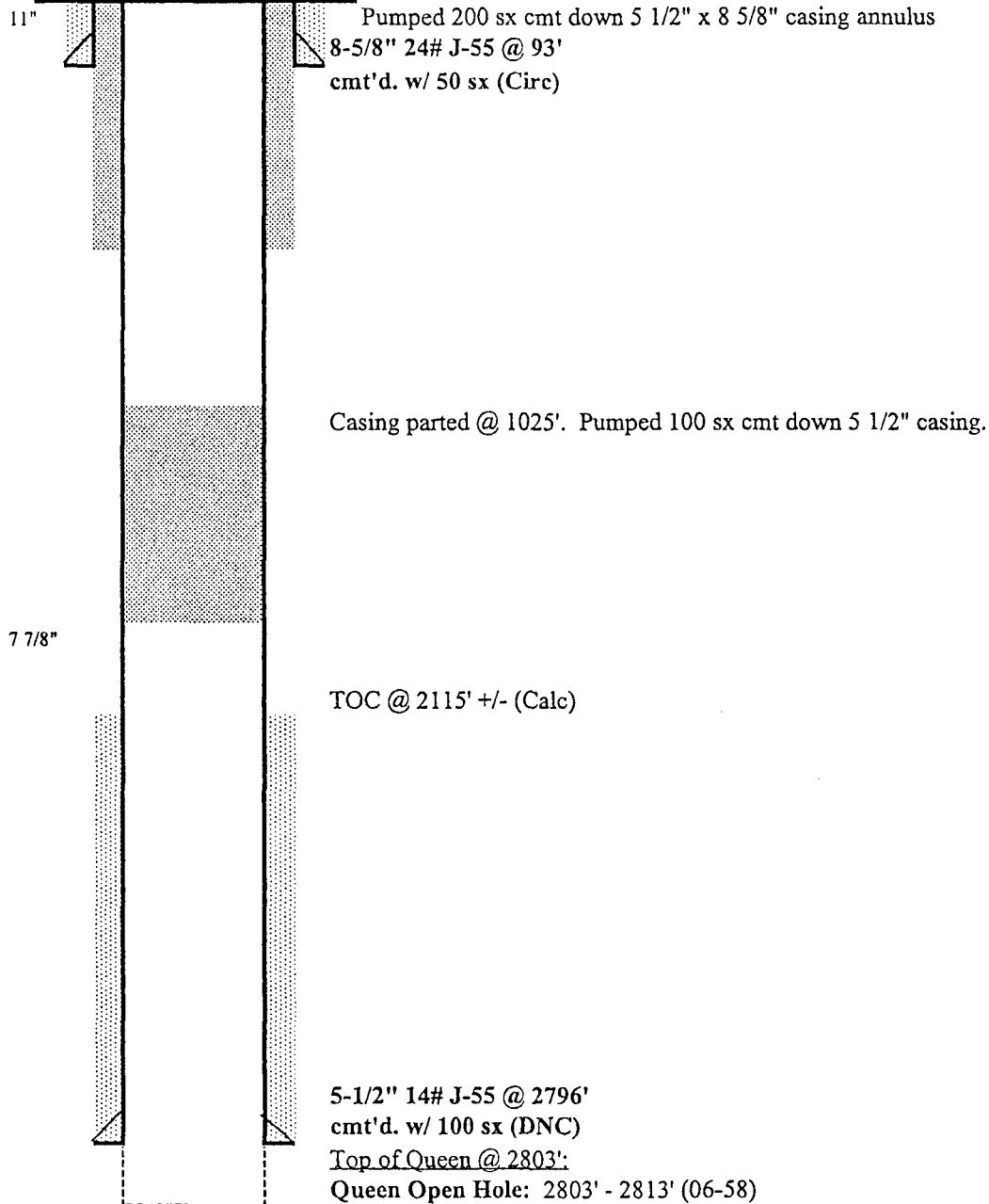
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jun. 27, 2007  
BY: JEA  
WELL: 14  
STATE: New Mexico

Location: 2310' FSL & 1650' FEL, Sec 4J, T14S, R31ECM  
SPUD: 06/01/58 COMP: 06/58  
CURRENT STATUS: P&A (1-86)  
Original Well Name: Federal Trigg #7-4

KB = 4195'  
GL = 4191'  
API = 30-005-00983



Well History: Trigg Federal No. 14

(06-58) - Initial Completion: Put well on production, IP 48 BOPD/ 0 BWPD.

(03-60) - Convert to Injector: Ran 2 3/8" 4.7# IPC injection tubing and Guiberson tension packer and set @ 2717'.

(09-62) - Workover: Fracture stimulated w/ 16,800 gal riverfrac, 15,000# 20-40 sand and 5,000# 10-20 sand @ 30.3 BPM and 1850 psi STP.

(01-86) - P&A Well: Casing parted @ 1025'.

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME &amp; NUMBER: Trigg Federal No. 30

WELL LOCATION: 2310' FSL &amp; 990' FWL

UNIT LETTER L SECTION 4 TOWNSHIP T14S RANGE R31E

FOOTAGE LOCATION

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATA  
Surface Casing

Hole Size: 11" Casing Size: 8 5/8" / 24# J-55

Cemented with: 50 sx. or ft<sup>3</sup>

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: sx. or ft<sup>3</sup>

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 4 1/2" / 9.5# J-55

Cemented with: 100 sx. or ft<sup>3</sup>

Top of Cement: 2245' +/- Method Determined: Calculated

Total Depth: 2763'

Injection Interval

2724 feet to 2735' (Perforated)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55      Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth: 2421'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?      Yes ☐ No ☒

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

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\_\_\_\_\_

# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jun. 28, 2007  
BY: JEA  
WELL: 30  
STATE: New Mexico

Location: 2310' FSL & 990' FWL, Sec 4L, T14S, R31ECM  
SPUD: 05/08/59 COMP: 05/59  
CURRENT STATUS: Injector  
Original Well Name: Federal Trigg #30-4

KB = 4131'  
GL = 4124.9'  
API = 30-005-00991

11"

8-5/8" 24# J-55 @ 101'  
cmt'd. w/ 50 sx

2 3/8" 4.7# J-55 cmt lined injection tubing and Howco R-3 packer  
and set @ 2421'

7 7/8"

TOC @ 2245' +/- (Calc)

Top of Queen @ 2':

Queen: 2730' - 2735' (? spf) (05-59)  
2724', 2726', 2728', 2732', and 2734' w/ Abrasijet (12-60)

4-1/2" 9.5# J-55 @ 2763'  
cmt'd. w/ 100 sx (DNC)

PBTD - 2763'  
TD - 2763'

**Well History:** Trigg Federal No. 30

(05-59) - Initial Completion: Perforated 2730' - 2735'. Fracture stimulated w/ 15,000 gal oil and 15,000# sand @ 34 BPM and 2600 - 2700 psi STP. Put well on production, IP 16 BOPD/ 0 BWPD.

(12-60) - Workover: Perforated 2724', 2726', 2728', 2732', and 2734' w/ Abrasijet. Fracture stimulated w/ 5,000 gal water frac and 4,000# sand @ 12.7 BPM.

(04-61) - Convert to Injector: Ran 2 3/8" 4.7# J-55 cmt lined injection tubing and Howco R-3 packer set @ 2421'. 400 BWPD injection rate.

(01-71) - TA Well: Pump 50 sx cement down cmt lined tubing. Displaced w/ 6 bbls of fresh water. Shut-in well.

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME &amp; NUMBER: Trigg Federal No. 29

| WELL LOCATION: 660' FNL & 990' FEL | M           | SECTION | TOWNSHIP | RANGE |
|------------------------------------|-------------|---------|----------|-------|
| FOOTAGE LOCATION                   | UNIT LETTER | 4       | T14S     | R31E  |

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATASurface Casing

Hole Size: 11" Casing Size: 8 5/8" / 24# J-55

Cemented with: 50 sx. or ft<sup>3</sup>

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: sx. or ft<sup>3</sup>

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 4 1/2" / 9.5# J-55

Cemented with: 100 sx. or ft<sup>3</sup>

Top of Cement: 2230' +/- Method Determined: Calculated

Total Depth: 2750'

Injection Interval

2712 feet to 2732' (Perforated)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55      Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth: 2616'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?      Yes ☒ No ☐

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen

3. Name of Field or Pool (if applicable): Caprock

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

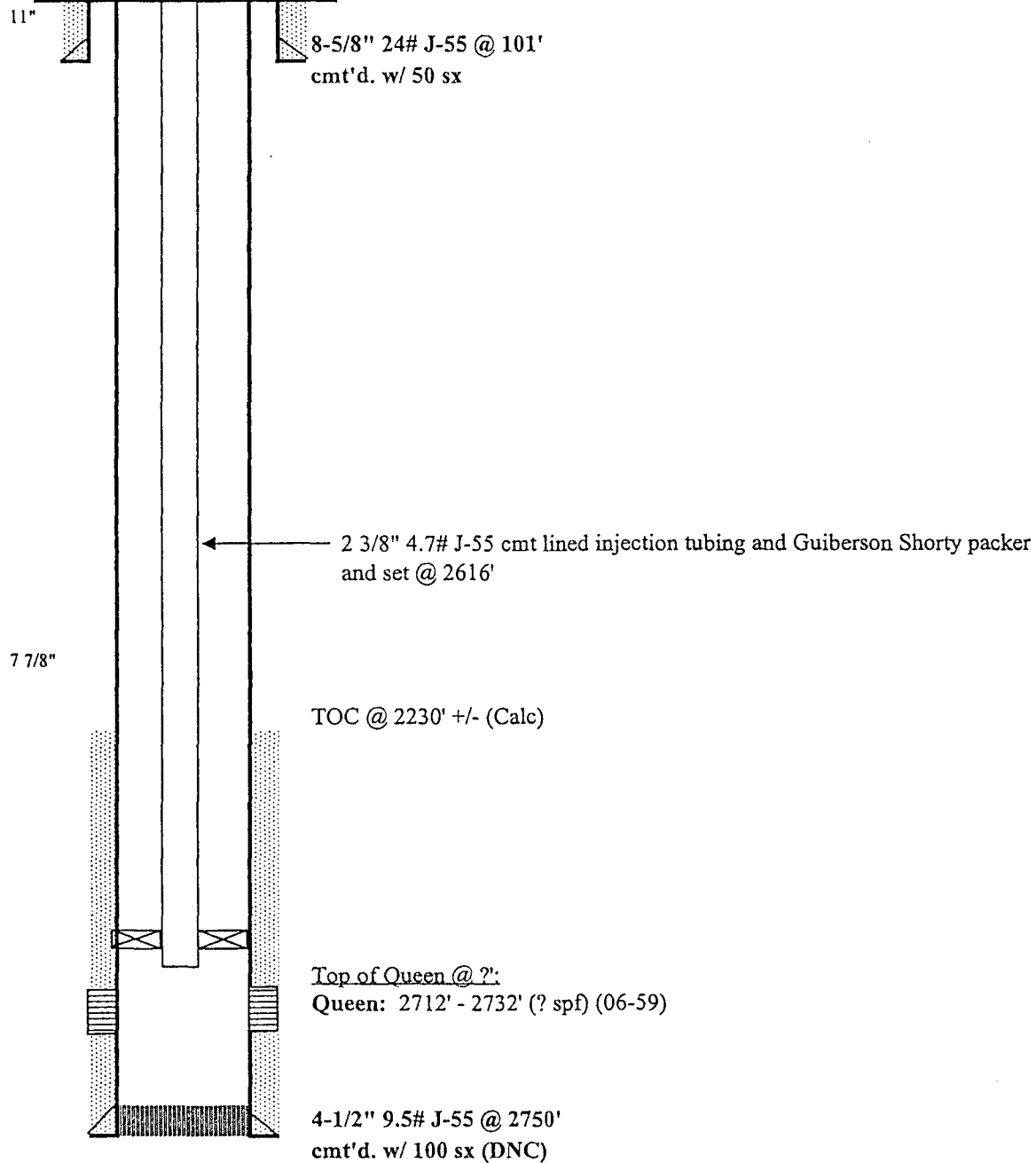
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jun. 29, 2007  
BY: JEA  
WELL: 29  
STATE: New Mexico

Location: 660' FSL & 990' FWL, Sec 4M, T14S, R31ECM  
SPUD: 07/22/59 COMP: 06/59  
CURRENT STATUS: Injector  
Original Well Name: Federal Trigg #29-4

KB = 4,142'  
GL = 4,135'  
API = 30-005-00990



Well History: Trigg Federal No. 29

(06-59) - Initial Completion: Perforated 2712' - 2732'. Acidized w/ 250 gal MCA acid. Completed well as an injector. Ran 2 3/8" 4.7# J-55 cmt lined injection tubing and Guiberson Shorty packer and set @ 2616'.

(10-75) - Shut-in Well:

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, LP

WELL NAME &amp; NUMBER: Trigg Federal No. 21

WELL LOCATION: 990' FSL &amp; 2310' FWL

N

FOOTAGE LOCATION

UNIT LETTER

4

SECTION

T14S

TOWNSHIP

R31E

RANGE

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATA  
Surface Casing

Hole Size: 11"

Casing Size: 8 5/8" / 24# / J-55

Cemented with: 50 sx.

or

ft<sup>3</sup>

Top of Cement: Surface

Method Determined: Circulated

Intermediate Casing

Hole Size: \_\_\_\_\_

Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_

sx.

or

ft<sup>3</sup>

Top of Cement: \_\_\_\_\_

Method Determined: \_\_\_\_\_

Production Casing

Hole Size: 7 7/8"

Casing Size: 4 1/2" / 9.5# / J-55

Cemented with: 100 sx.

or

ft<sup>3</sup>

Top of Cement: 2270' +/-

Method Determined: Calculated

Total Depth: 2788'

Injection Interval

2762 feet to 2775' (Perforated)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8"/ 4.7# J-55      Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth: 2311'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

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

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

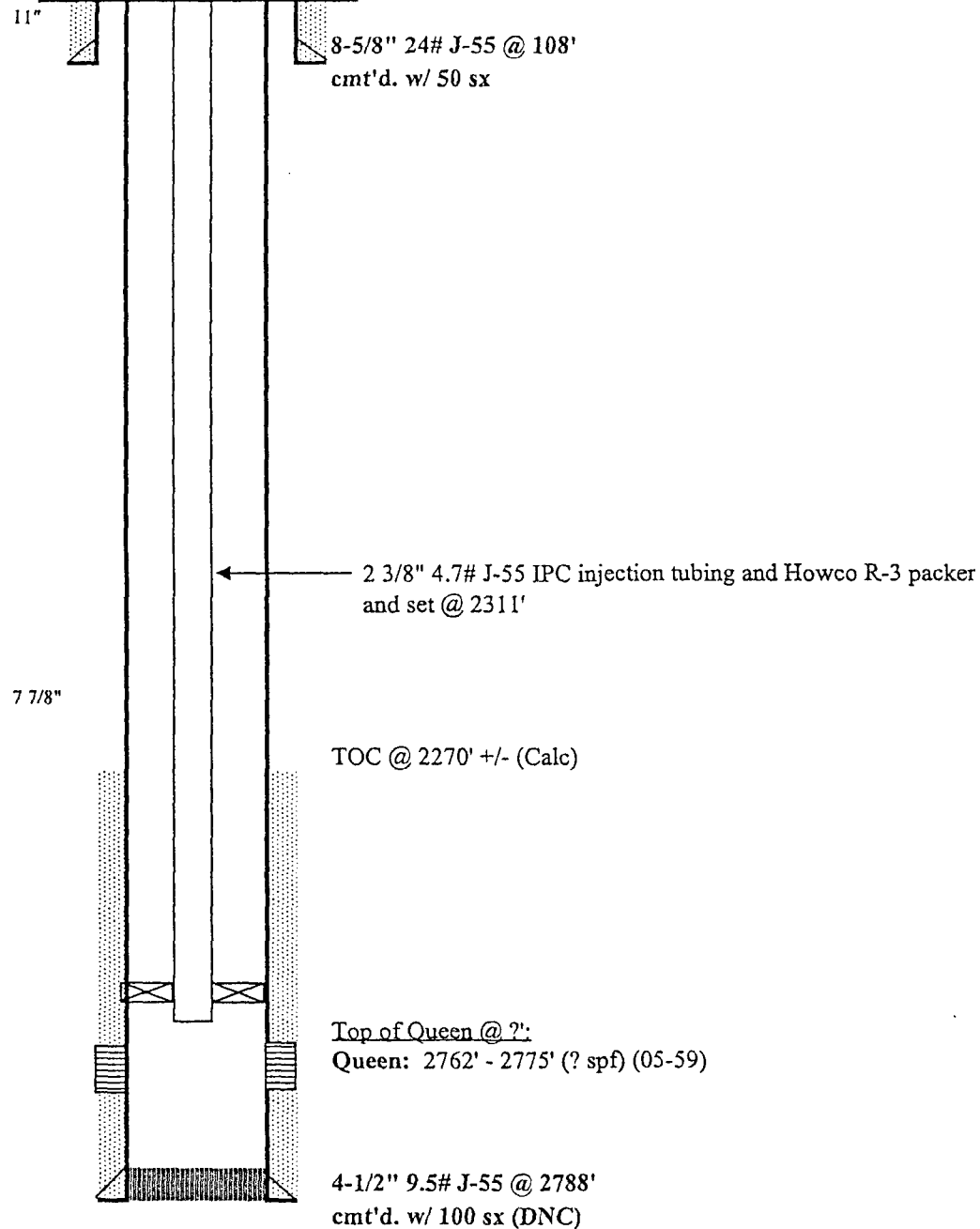
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jun. 29, 2007  
BY: JEA  
WELL: 21  
STATE: New Mexico

Location: 990' FSL & 2310' FWL, Sec 4N, T14S, R31ECM  
SPUD: 05/16/59 COMP: 05/59  
CURRENT STATUS: Injector  
Original Well Name: Federal Trigg #21-4

KB = 4,167'  
GL = 4,161'  
API = 30-005-00986



PBTD - 2788'  
TD - 2788'

**Well History:**                      Trigg Federal No. 21

(05-59) - Initial Completion:                      Perforated 2762' - 2775'. Fracture stimulated w/ 13,750 gal water frac and 27,500# sand. Put well on production, IP 9 BOPD/ 0 BWPD.

(10-60) - Convert to Injector:                      Ran 2 3/8" 4.7# J-55 IPC injection tubing and Howco R-3 packer set @ 2311'.

(06-87) - TA Well:

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME &amp; NUMBER: Trigg Federal No. 5

|                                    |   |             |   |          |       |
|------------------------------------|---|-------------|---|----------|-------|
| WELL LOCATION: 660' FSL & 660' FEL | P | UNIT LETTER | 4 | T14S     | R31E  |
| FOOTAGE LOCATION                   |   | SECTION     |   | TOWNSHIP | RANGE |

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATA  
Surface Casing

Hole Size: 17" Casing Size: 13 3/8" / 44#

Cemented with: 50 sx. or ft<sup>3</sup>

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: sx. or ft<sup>3</sup>

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" / 14# / J-55

Cemented with: 100 sx. or ft<sup>3</sup>

Top of Cement: 2150' +/- Method Determined: Calculated

Total Depth: 2857'

Injection Interval

2834 feet to 2857' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55      Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth: 2779'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?      Yes ☐ No ☒

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

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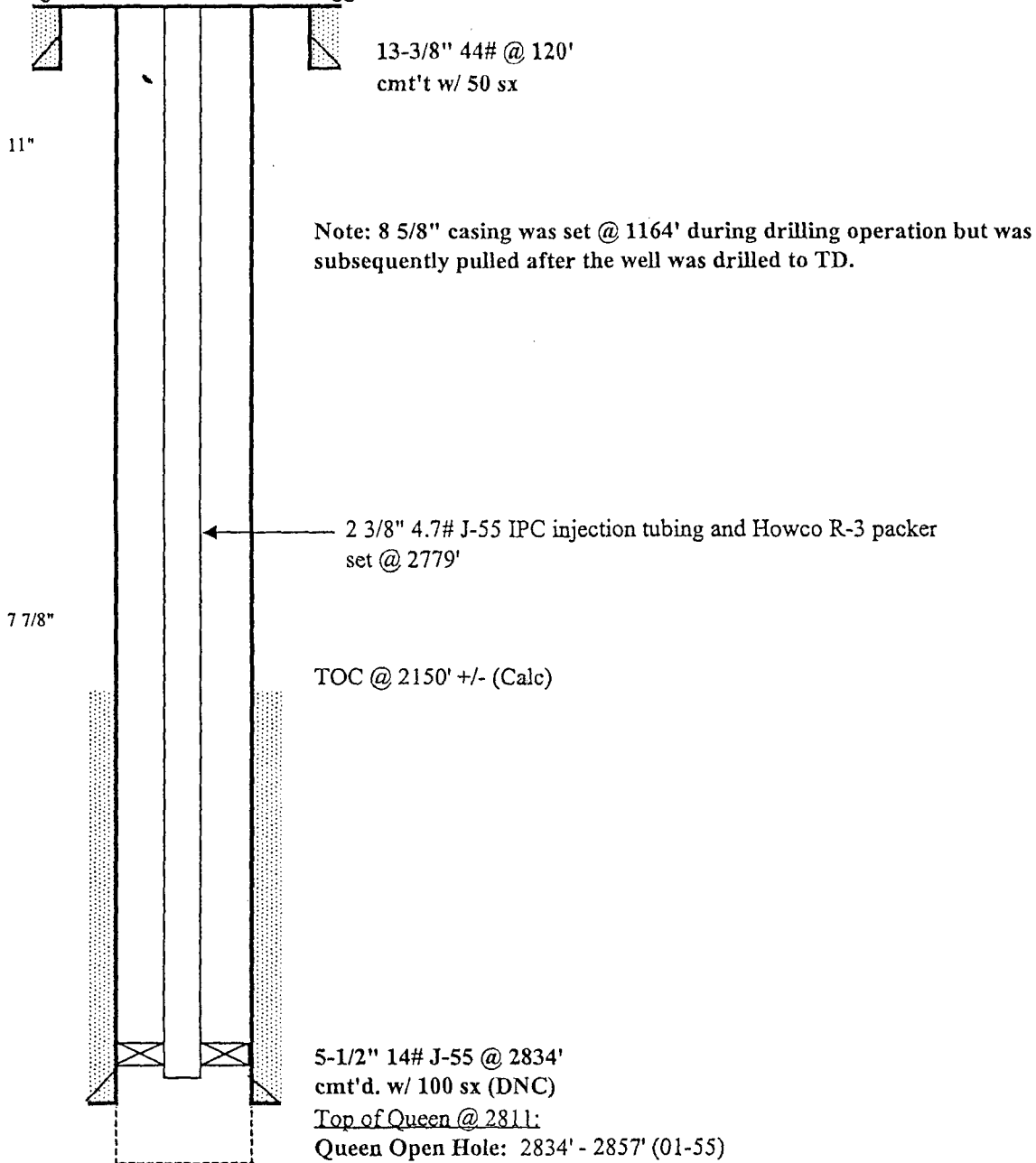
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jun. 29, 2007  
BY: JEA  
WELL: 5  
STATE: New Mexico

Location: 660' FSL & 660' FEL, Sec 4P, T14S, R31ECM  
SPUD: 12/28/54 COMP: 01/55  
CURRENT STATUS: Injector  
Original Well Name: Federal Trigg #5-4

KB = 4,237'  
GL = 4,235'  
API = 30-005-00978



Well History: Trigg Federal No. 5

(01-55) - Initial Completion: Put well on production, IP 225 BOPD/ 0 BWPD.

(11-59) - Convert to Injector: Ran 2 3/8 " 4.7# J-55 IPC injection tubing and Howco R-3 packer  
set @ 2779'.

INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME & NUMBER: Trigg Federal No. 36

WELL LOCATION: 335' FNL & 330' FEL      A      UNIT LETTER      SECTION      TOWNSHIP      RANGE      R31E

WELLBORE SCHEMATIC (See Attached)

WELL CONSTRUCTION DATA  
Surface Casing

Hole Size: 11"      Casing Size: 8 5/8"/ 24#/ J-55

Cemented with: 50 sx.      or      ft<sup>3</sup>

Top of Cement: Surface      Method Determined: Circulated

Intermediate Casing

Hole Size:      Casing Size:     

Cemented with:      sx.      or      ft<sup>3</sup>

Top of Cement:      Method Determined:     

Production Casing

Hole Size: 7 7/8"      Casing Size: 4 1/2"/ 9.5#/ J-55

Cemented with: 100 sx.      or      ft<sup>3</sup>

Top of Cement: 2210' +/-      Method Determined: Calculated

Total Depth: 2726'     

Injection Interval

2691 feet    to 2704' (Perforated)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55      Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset IX

Packer Setting Depth:

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?      Yes \_\_\_ X \_\_\_ No \_\_\_

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

# CELERO ENERGY

FIELD: Caprock  
 LEASE/UNIT: Trigg Federal  
 COUNTY: Chaves

DATE: Jul. 05, 2007  
 BY: JEA  
 WELL: 36  
 STATE: New Mexico

Location: 335' FNL & 330' FEL, Sec 5A, T14S, R31ECM  
 SPUD: 06/07/59 COMP: 07/59  
 CURRENT STATUS: P&A (6/62)  
 Original Well Name: Federal Trigg #36-5

KB = 4,115'  
 GL = 4,109'  
 API = 30-005-00997

11"  Spotted 4 sx cement plug from 12' - surface.  
 8-5/8" 24# J-55 @ 101'  
 cmt'd. w/ 50 sx

 Spotted 16 sx cement plug from 1175' - 1125'.

7 7/8"  Spotted 16 sx cement plug from 1815' - 1765'.

 Cut off and pulled 4 1/2" casing @ 1850'.

 TOC @ 2210' +/- (Calc)

 Spotted 20 sx cement plug from 2721' - 2646'.  
Top of Queen @ ?'  
 Queen: 2691' - 2704' (? spf) (07-59)

 4-1/2" 9.5# J-55 @ 2726'  
 cmt'd. w/ 100 sx (DNC)

PBTD - '  
 TD - 2726'

Well History: Trigg Federal No. 36

(07-59) - Initial Completion: Perforated 2691' - 2704' (? SPF). Fracture stimulated w/ 18,400 gal water frac and 19,000# 20-40 sand @ 8.7 BPM and 2200 - 2750 psi STP. Put well on injection.

(06-62) - P&A Well:

Well History: Trigg Federal No. 36

(07-59) - Initial Completion: Perforated 2691' - 2704' (? SPF). Fracture stimulated w/ 18,400 gal water frac and 19,000# 20-40 sand @ 8.7 BPM and 2200 - 2750 psi STP. Put well on injection.

(06-62) - P&A Well:

# INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME & NUMBER: Trigg Federal No. 35

|                                     |             |         |          |       |
|-------------------------------------|-------------|---------|----------|-------|
| WELL LOCATION: 1989' FNL & 330' FEL | H           | 5       | T14S     | R31E  |
| FOOTAGE LOCATION                    | UNIT LETTER | SECTION | TOWNSHIP | RANGE |

WELLBORE SCHEMATIC (See Attached)

WELL CONSTRUCTION DATA  
Surface Casing

|                       |                                |
|-----------------------|--------------------------------|
| Hole Size: 11"        | Casing Size: 8 5/8" / 24# J-55 |
| Cemented with: 50 sx. | or ft <sup>3</sup>             |

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

|                          |                          |
|--------------------------|--------------------------|
| Hole Size: _____         | Casing Size: _____       |
| Cemented with: _____ sx. | or ft <sup>3</sup>       |
| Top of Cement: _____     | Method Determined: _____ |

Production Casing

|                          |                                 |
|--------------------------|---------------------------------|
| Hole Size: 7 7/8"        | Casing Size: 4 1/2" / 9.5# J-55 |
| Cemented with: 100 sx.   | or ft <sup>3</sup>              |
| Top of Cement: 2210' +/- | Method Determined: Calculated   |
| Total Depth: 2730'       |                                 |

Injection Interval

2684 feet to 2698' (Perforated)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55      Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset IX

Packer Setting Depth: 2666'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?      Yes ☐ X ☐ No

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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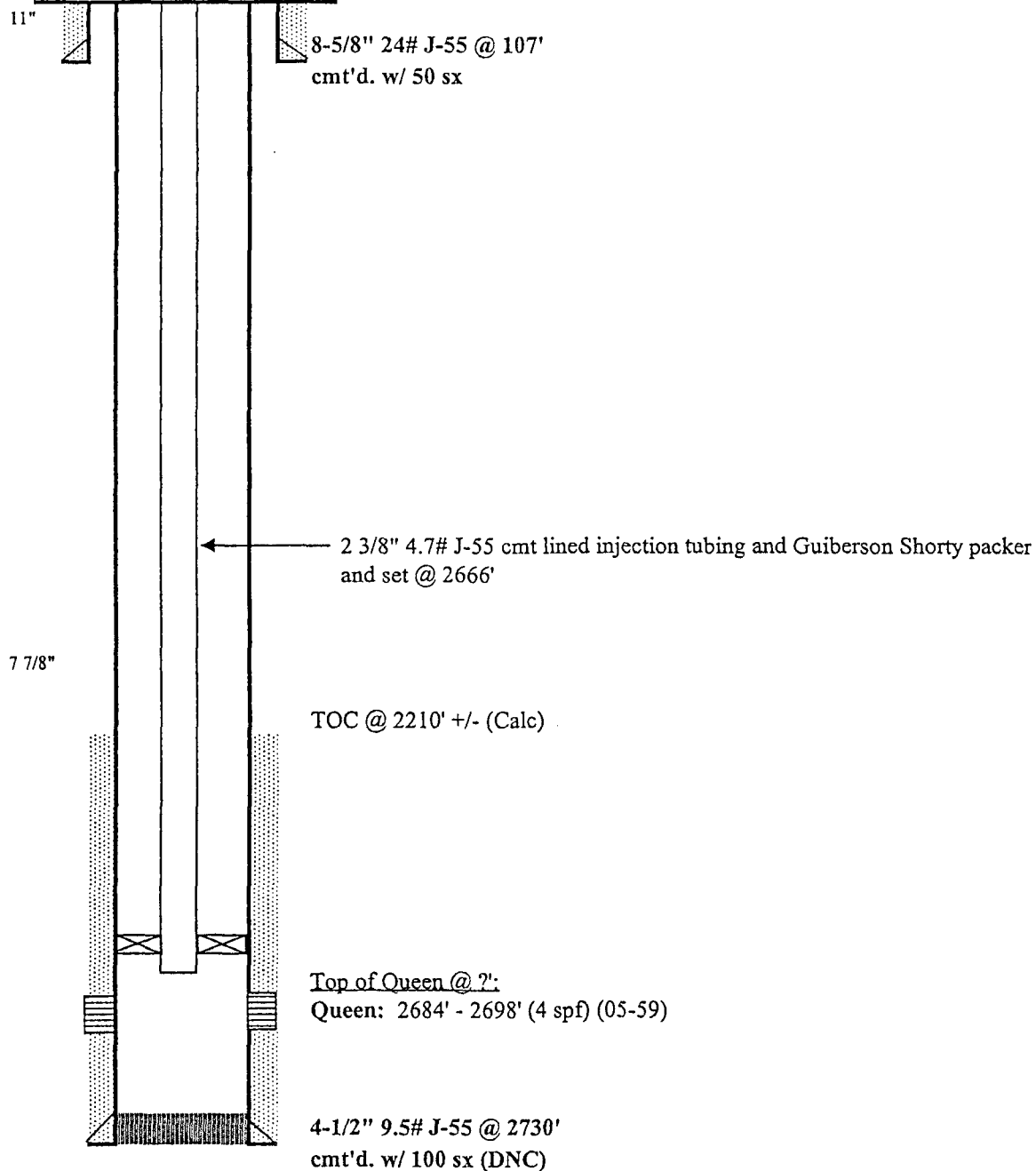
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 05, 2007  
BY: JEA  
WELL: 35  
STATE: New Mexico

Location: 1989' FNL & 330' FEL, Sec 5H, T14S, R31ECM  
SPUD: 04/30/59 COMP: 05/59  
CURRENT STATUS: Injector  
Original Well Name: Federal Trigg #35-5

KB =  
GL =  
API = 30-005-00996



Well History: Trigg Federal No. 35

(05-59) - Initial Completion: Perforated 2684' - 2698' (4 SPF). Washed Queen formation w/ 250 gal MCA. Well tested 1.6 MMCFPD. Ran 2 3/8" 4.7# J-55 cmt lined injection tubing and Guiberson Shorty packer and set @ 2666'. Put well on injection, 400 BWPD initial injection rate.

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME &amp; NUMBER: Trigg Federal No. 34

WELL LOCATION: 1650' FSL &amp; 330' FEL

I

FOOTAGE LOCATION

UNIT LETTER

5

SECTION

T14S

TOWNSHIP

R31E

RANGE

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATASurface Casing

Hole Size: 11"

Casing Size: 8 5/8" / 24# / J-55

Cemented with: 50 sx.

or

ft<sup>3</sup>

Top of Cement: Surface

Method Determined: Circulated

Intermediate Casing

Hole Size: \_\_\_\_\_

Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_

sx.

or

ft<sup>3</sup>

Top of Cement: \_\_\_\_\_

Method Determined: \_\_\_\_\_

Production Casing

Hole Size: 7 7/8"

Casing Size: 4 1/2" / 9.5# / J-55

Cemented with: 100 sx.

or

ft<sup>3</sup>

Top of Cement: 2210' +/-

Method Determined: Calculated

Total Depth: 2729'

Injection Interval

2696 feet to 2710' (Perforated)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55

Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth:

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_ Yes \_\_\_\_\_ X \_\_\_\_\_ No

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 05, 2007  
BY: JEA  
WELL: 34  
STATE: New Mexico

Location: 1650' FSL & 330' FEL, Sec 5I, T14S, R31ECM  
SPUD: 06/16/59 COMP: 07/59  
CURRENT STATUS: P&A (6/62)  
Original Well Name: Federal Trigg #34-5

KB = 4,116'  
GL = 4,112'  
API = 30-005-00995

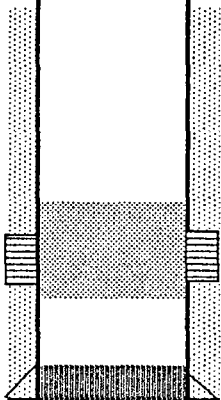
11"  Spotted 4 sx cement plug from 20' - surface.  
8-5/8" 24# J-55 @ 101'  
cmt'd. w/ 50 sx

 Spotted 16 sx cement plug from 1175' - 1125'.

7 7/8"  Spotted 16 sx cement plug from 1815' - 1765'.

 Cut off and pulled 4 1/2" casing @ 2000'.

TOC @ 2210' +/- (Calc)



Spotted 20 sx cement plug from 2724' - 2649'.  
Top of Queen @ 7'.  
Queen: 2696' - 2710' (? spf) (07-59)

4-1/2" 9.5# J-55 @ 2729'  
cmt'd. w/ 100 sx (DNC)

PBTD - '  
TD - 2729'

Well History: Trigg Federal No. 34

(07-59) - Initial Completion: Perforated 2696' - 2710' (? SPF). Fracture stimulated w/ 18,270 gal water frac and 27,500# 20-40 sand @ 11.5 BPM and 1400 - 2800 psi STP. Put well on injection.

(06-62) - P&A Well:

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME &amp; NUMBER: Trigg Federal No. 12

WELL LOCATION: 660' FNL &amp; 1980' FEL

B

FOOTAGE LOCATION

UNIT LETTER

9

SECTION

T14S

TOWNSHIP

R31E

RANGE

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATASurface Casing

Hole Size: 11"

Casing Size: 8 5/8" / 24# / J-55

Cemented with: 50 sx.

or

ft<sup>3</sup>

Top of Cement: Surface

Method Determined: Circulated

Intermediate Casing

Hole Size: \_\_\_\_\_

Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_

sx.

or

ft<sup>3</sup>

Top of Cement: \_\_\_\_\_

Method Determined: \_\_\_\_\_

Production Casing

Hole Size: 7 7/8"

Casing Size: 5 1/2" / 14# / J-55

Cemented with: 100 sx.

or

ft<sup>3</sup>

Top of Cement: 2100' +/-

Method Determined: Calculated

Total Depth: 2784'

Injection Interval

2765 feet to 2775' (Perforated)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# J-55

Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth:

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_ Yes ☒ No ☐

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

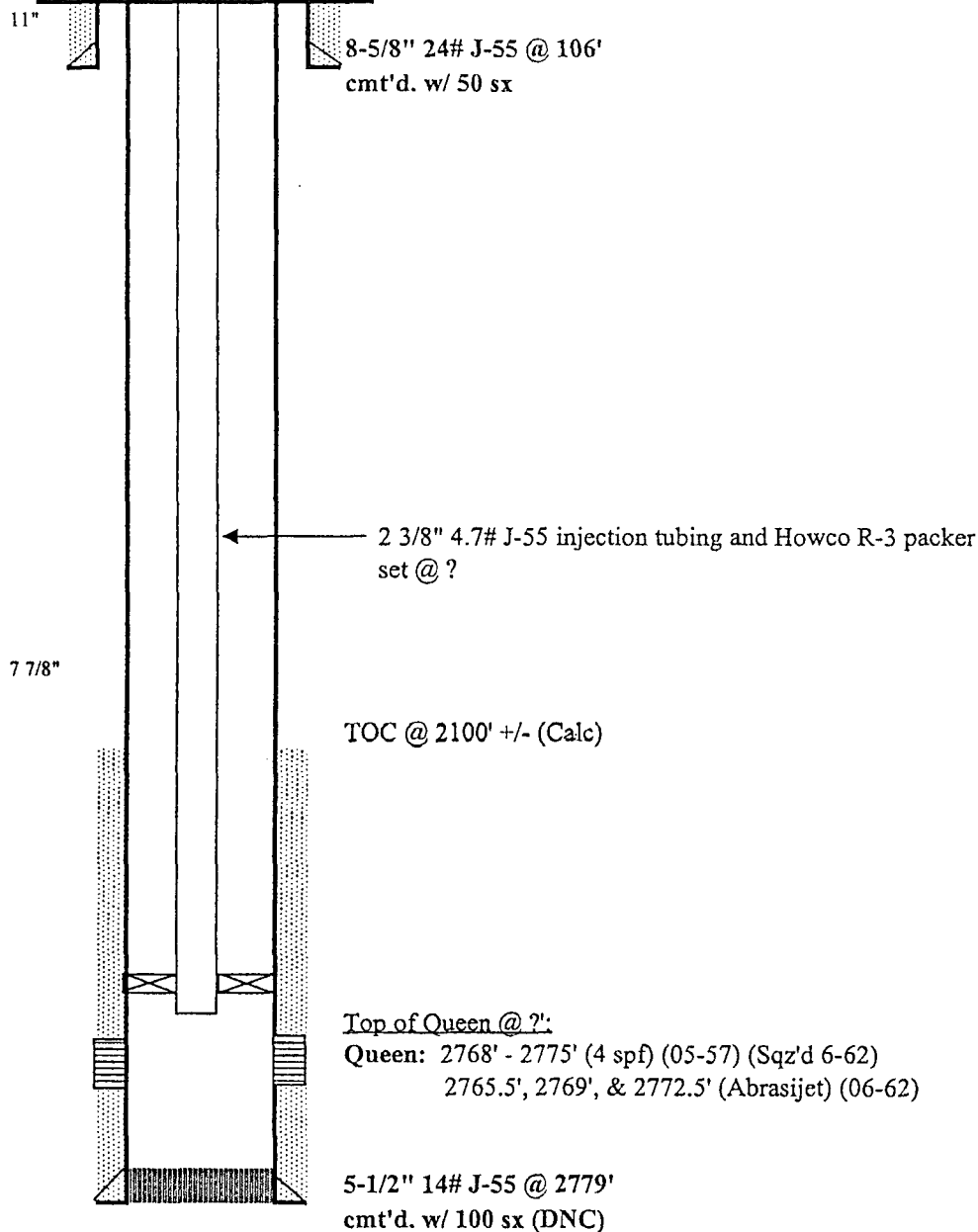
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# CELERO ENERGY

|             |               |        |               |
|-------------|---------------|--------|---------------|
| FIELD:      | Caprock       | DATE:  | Jul. 02, 2007 |
| LEASE/UNIT: | Trigg Federal | BY:    | JEA           |
| COUNTY:     | Chaves        | WELL:  | 12            |
|             |               | STATE: | New Mexico    |

Location: 660' FNL & 1980' FEL, Sec 9B, T14S, R31ECM  
 SPUD: 04/30/57 COMP: 05/57  
 CURRENT STATUS: Injector  
 Original Well Name: Federal Trigg #12-9

KB = 4,173'  
 GL = 4,166'  
 API = 30-005-01013



PBTD - 2779'  
 TD - 2784'

**Well History: Trigg Federal No. 12**

**(05-57) - Initial Completion:** Perforated 2768' - 2775' (4 SPF). Fracture stimulated w/ 21,000 gal water frac and 20,000# sand @ 20 BPM. Fracture stimulated w/ 21,000 gal water frac and 15,000# sand @ 18.2 BPM. Put well on production, IP 43 BOPD/ 0 BWPD.

**(03-60) - Convert to Injector:** Ran 2 3/8" 4.7# J-55 injection tubing and Howco R-3 packer and set packer @ 2687'. 400 BWPD injection rate.

**(06-62) - Workover:** Deepened well to new TD @ 2784'. Squeeze cemented perms @ 2768' - 2775'. DO to PBTD @ 2779'. Abrasijet (sand jet) 2765.5', 2769', and 2772.5'. RWTI.

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME &amp; NUMBER: Trigg Federal No. 28

WELL LOCATION: 660' FNL &amp; 660' FWL

D

FOOTAGE LOCATION

UNIT LETTER

9

SECTION

T14S

TOWNSHIP

R31E

RANGE

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATASurface Casing

Hole Size: 11"

Casing Size: 8 5/8" / 24# / J-55

Cemented with: 50 sx.

or

ft<sup>3</sup>

Top of Cement: Surface

Method Determined: Circulated

Intermediate Casing

Hole Size: \_\_\_\_\_

Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_

sx.

or

ft<sup>3</sup>

Top of Cement: \_\_\_\_\_

Method Determined: \_\_\_\_\_

Production Casing

Hole Size: 7 7/8"

Casing Size: 4 1/2" / 9.5# / J-55

Cemented with: 100 sx.

or

ft<sup>3</sup>

Top of Cement: 2240' +/-

Method Determined: Calculated

Total Depth: 2760'

Injection Interval

2724 feet to 2736' (Perforated)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55      Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset IX

Packer Setting Depth: 2602'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?      Yes \_\_\_\_ X \_\_\_\_ No \_\_\_\_

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen

3. Name of Field or Pool (if applicable): Caprock

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

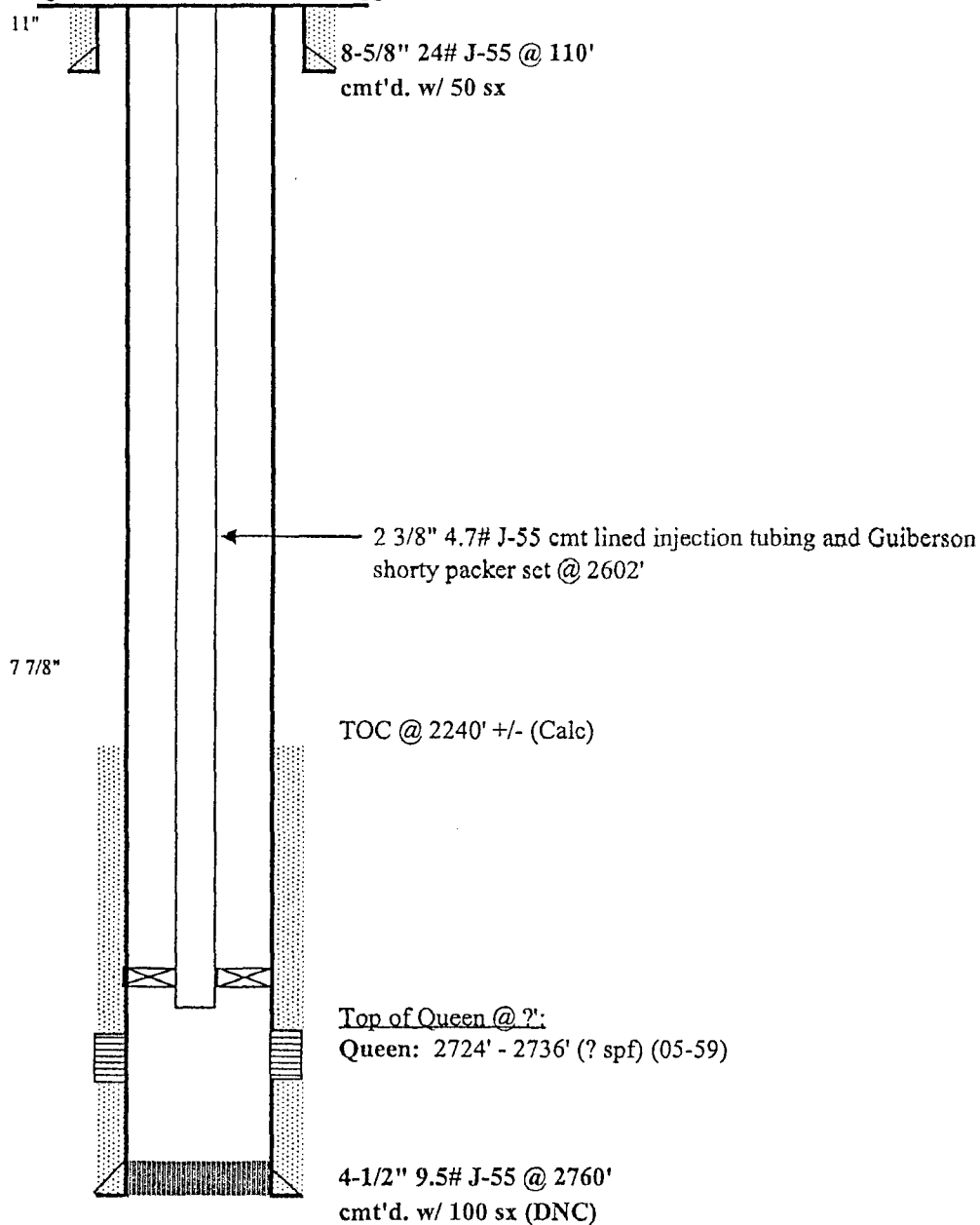
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 02, 2007  
BY: JEA  
WELL: 28  
STATE: New Mexico

Location: 660' FNL & 660' FWL, Sec 9D, T14S, R31ECM  
SPUD: 04/22/59 COMP: 05/59  
CURRENT STATUS: TA'd Injector (4/71)  
Original Well Name: Federal Trigg #28-9

KB = 4,138'  
GL = 4,132'  
API = 30-005-01021



**Well History:**                      **Trigg Federal No. 28**

(05-59) - Initial Completion:                      Perforated 2724' - 2736' (? SPF). Fracture stimulated w/ 17,000 gal oil frac and 30,000# sand @ 25.7 BPM. Put well on production, 18 BOPD/ 0 BWPD.

(05-62) - Workover:                      Fracture stimulated w/ 13,860 gal oil frac and 17,000# 20-40 sand @ 20.7 BPM.

(05-63) - Convert to Injector:                      Ran 2 3/8" 4.7# J-55 cmt lined injection tubing and Guiberson shorty packer and set packer @ 2602'. 400 BWPD injection rate.

(04-71) - TA Well:                      TA'd well by pumping 50 sx cement down the cmt lined tubing followed by 6 bbls of fresh water.

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME &amp; NUMBER: Trigg Federal No. 19

WELL LOCATION: 1980' FNL &amp; 1980' FWL

F

FOOTAGE LOCATION

UNIT LETTER

9

TOWNSHIP

R31E

RANGE

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATASurface Casing

Hole Size: 11" Casing Size: 8 5/8" / 24# J-55

Cemented with: 50 sx. or ft<sup>3</sup>

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: sx. or ft<sup>3</sup>

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2" / 14# J-55

Cemented with: 100 sx. or ft<sup>3</sup>

Top of Cement: 2090' +/- Method Determined: Calculated

Total Depth: 2799'

Injection Interval

2773 feet to 2778' (Perforated)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55

Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth:

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_ Yes \_\_\_\_\_ X \_\_\_\_\_ No

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# CELERO ENERGY

|             |               |                     |
|-------------|---------------|---------------------|
| FIELD:      | Caprock       | DATE: Jul. 02, 2007 |
| LEASE/UNIT: | Trigg Federal | BY: JEA             |
| COUNTY:     | Chaves        | WELL: 19            |
|             |               | STATE: New Mexico   |

|                                                       |                    |
|-------------------------------------------------------|--------------------|
| Location: 1980' FNL & 1980' FWL, Sec 9F, T14S, R31ECM | KB = 4,164'        |
| SPUD: 05/23/57 COMP: 06/57                            | GL = 4,158'        |
| CURRENT STATUS: P&A (06-01)                           | API = 30-005-01016 |
| Original Well Name: Federal Trigg #19-9               |                    |

11" 8-5/8" 24# J-55 @ 107' cmt't w/ 50 sx  
 Perf'd 4 holes @ 110'. Circulated 65 sx Class C cmt up 5 1/2" x 8 5/8" annulus.  
 Perf'd 4 holes @ 180'. Squeeze cmt'd w/ 250sx Class C. Tag TOC @ 110'.

7 7/8" Perf'd 4 holes @ 1400'. Squeeze cmt'd w/ 75 sx Class C. Tag TOC @ 1272'.

TOC @ 2090' +/- (Calc)

Squeezed 160 sx Class C cement into Queen formation. Tag TOC @ 2250'.

5-1/2" 14# J-55 @ 2767'  
 cmt'd. w/ 100 sx (DNC)  
 Top of Queen @ ?  
 Queen: 2773' - 2778' (AbrasiJet) (04-62)

4-1/2" 11.6# H-Flush 2733' - 2799'  
 cmt't w/ ? sx

PBTD - '  
 TD - 2799'

Well History: Trigg Federal No. 19

(06-57) - Initial Completion: Fracture stimulated w/ 10,000 gal oil frac and 5,000# sand @ 20 BPM. Put well on production, IP 65 BOPD/ 0 BWPD.

(04-61) - Convert to Injector: Ran 2 3/8" 4.7# J-55 injection tubing and Howco R-3 packer and set @ 2096'.

(10-61) - Workover: Fracture stimulated w/ 11,000 gal water frac and 15,000# sand @ 24.1 BPM and 2150 psi max STP. RWTI.

(12-61) - Workover: Fracture stimulated w/ 20,000 gal water frac and 40,000# sand @ 22.8 BPM and 2100 psi max STP. RWTI.

(04-62) - Workover: CO and DO to new TD @ 2799'. Ran 4 1/2" 11.6# H-Flush liner from 2733' - 2799' and cemented w/ ? sx cement. Abrasijet (sand jet) 2773' - 2778'. Fracture stimulated w/ 21,000 gal water frac and 22,000# sand @ 24.1 BPM and 2150 psi max STP. RWTI.

(06-01) - P&A Well:

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME &amp; NUMBER: Trigg Federal No. 3

WELL LOCATION: 1980' FNL &amp; 660' FWL

H

FOOTAGE LOCATION

UNIT LETTER

9

SECTION

T14S

TOWNSHIP

R31E

RANGE

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATASurface Casing

Hole Size: 17"

Casing Size: 13 3/8" / 44#

Cemented with: 50 sx.

or

ft<sup>3</sup>

Top of Cement: Surface

Method Determined: Circulated

Intermediate Casing

Hole Size: \_\_\_\_\_

Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_

sx.

or

ft<sup>3</sup>

Top of Cement: \_\_\_\_\_

Method Determined: \_\_\_\_\_

Production Casing

Hole Size: 7 7/8"

Casing Size: 5 1/2" / 14# / J-55

Cemented with: 100 sx.

or

ft<sup>3</sup>

Top of Cement: 2130' +/-

Method Determined: Calculated

Total Depth: 2833'

Injection Interval

2812 feet to 2833' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55

Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth:

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_

Yes \_\_\_\_\_ X \_\_\_\_\_ No \_\_\_\_\_

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

°

# CELERO ENERGY

|             |               |        |               |
|-------------|---------------|--------|---------------|
| FIELD:      | Caprock       | DATE:  | Jul. 02, 2007 |
| LEASE/UNIT: | Trigg Federal | BY:    | JEA           |
| COUNTY:     | Chaves        | WELL:  | 3             |
|             |               | STATE: | New Mexico    |

Location: 1980' FNL & 660' FEL, Sec 9H, T14S, R31ECM  
 SPUD: 10/22/54 COMP: 11/54  
 CURRENT STATUS: P&A (09-99)  
 Original Well Name: Federal Trigg #3-9

KB = 4,205'  
 GL = 4,203'  
 API = 30-005-01008

11" 13 3/8" 44# @ 120'  
 cmt'd w/ 50 sx  
 Perf'd 3 holes @ 180'. Circulated 100 sx Class C up 5 1/2" x 13 3/8" annulus.  
 Well standing full.  
 CIBP @ 200'

Note: 8 5/8" casing was set @ 1160' during drilling operation but was subsequently pulled after the well was drilled to TD.

Perf'd 3 holes @ 1200'. Squeeze cmt'd w/ 80 sx Class C. Tag TOC @ 1063'.  
 CIBP @ 1250'

7 7/8" TOC @ 2130' +/- (Calc)

CIBP @ 2750' w/ 10 sx cmt plug.  
 5-1/2" 14# J-55 @ 2808'  
 cmt'd. w/ 100 sx (DNC)  
Top of Queen @ ?:  
 Queen Open Hole: 2812' - 2833' (11-54)

PBTD - 2833'  
 TD - 2833'

Well History: Trigg Federal No. 3

(11-54) - Initial Completion: Put well on production, IP 120 BOPD/ 0 BWPD.

(10-56) - Workover: Fracture stimulated w/ 5,500 gal oil frac and 26,000# sand @ 26.7 BPM and 2200 psi max STP. RWTP.

(11-60) - Convert to Injection: Ran 2 3/8" 4.7# J-55 IPC injection tubing and Howco R-3 packer set @ 2494'.

(09-99) - P&A Well:

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME &amp; NUMBER: Trigg Federal No. 10

WELL LOCATION: 1980' FSL & 1980' FEL  
FOOTAGE LOCATIONUNIT LETTER  
J

9

T14S

R31E

RANGE

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATASurface Casing

Hole Size: 17"

Casing Size: 13 3/8" / 44#

Cemented with: 50 sx.

or

ft<sup>3</sup>

Top of Cement: Surface

Method Determined: Circulated

Intermediate Casing

Hole Size: \_\_\_\_\_

Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_

sx.

or

ft<sup>3</sup>

Top of Cement: \_\_\_\_\_

Method Determined: \_\_\_\_\_

Production Casing

Hole Size: 7 7/8"

Casing Size: 5 1/2" / 14# J-55

Cemented with: 100 sx.

or

ft<sup>3</sup>

Top of Cement: 2095' +/-

Method Determined: Calculated

Total Depth: 2796'

Injection Interval

2775 feet to 2796' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# J-55      Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth:

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?      Yes \_\_\_X\_\_\_ No \_\_\_

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 03, 2007  
BY: JEA  
WELL: 10  
STATE: New Mexico

Location: 1980' FSL & 1980' FEL, Sec 9J, T14S, R31ECM  
SPUD: 11/08/55 COMP: 11/55  
CURRENT STATUS: P&A (05-01)  
Original Well Name: Federal Trigg #10-9

KB = 4,160'  
GL = 4,158'  
API = 30-005-01011

11" 13 3/8" 44# @ 90' Capped well w/ 10 sx cement at the surface.  
cmt'd w/ 50 sx  
Perfd @ 180'. Circulated 100 sx Class C up 5 1/2" x 13 3/8" annulus.  
Tag TOC @ ?

Note: 8 5/8" casing was set @ 1075' during drilling operation but was subsequently pulled after the well was drilled to TD.

7 7/8" Perfd @ 1400'. Squeeze cmt'd w/ 75 sx Class C. Tag TOC @ ?

TOC @ 2095' +/- (Calc)

CIBP @ 2700' w/ 25 sx cmt plug from 2700' - 2500'.  
5-1/2" 14# J-55 @ 2775'  
cmt'd. w/ 100 sx (DNC)  
Top of Queen @ ?  
Queen Open Hole: 2775' - 2796' (11-55)

PBTD - 2796'  
TD - 2796'

**Well History: Trigg Federal No. 10**

**(11-55) - Initial Completion:** Fracture stimulated w/ 13,000 gal oil frac and 18,000# sand @ 13 BPM and 2400 psi max STP. Put well on production.

**(04-61) - Convert to injector:** CO to TD @ 2796'. Ran 2 3/8" 4.7# J-55 cmt lined injection tubing and Howco R-3 packer and set @ 2498'. 200 BWPD injection rate.

**(10-61) - Workover:** Fracture stimulated w/ 10,000 gal water frac and 10,000# sand @ 28.9 BPM and 2100 psi max STP. Ran 2 3/8" 4.7 # J-55 cmt lined injection tubing and Howco R-3 packer and set @ 2252'. RWTI.

**(10-62) - Workover:** Pumped 18 tons of CO2 down tubing @ 1600 psi.

**(04-71) - Shut-in Well:** Pumped 50 sx cement plug down cmt lined tubing and displaced w/ 5 bbls of fresh water.

**(11-82) - Workover:** Pulled tubing and packer. Ran 2 3/8" 4.7# J-55 IPC injection tubing and Baker packer and set @ 2160'. RWTI.

**(05-01) - P&A Well:**

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME &amp; NUMBER: Trigg Federal No. 26

WELL LOCATION: 1980' FSL &amp; 660' FWL

L

FOOTAGE LOCATION

UNIT LETTER

9

SECTION

T14S

TOWNSHIP

R31E

RANGE

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATASurface Casing

Hole Size: 11"

Casing Size: 8 5/8" / 24# / J-55

Cemented with: 50 sx.

or

ft<sup>3</sup>

Top of Cement: Surface

Method Determined: Circulated

Intermediate Casing

Hole Size: \_\_\_\_\_

Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_

sx.

or

ft<sup>3</sup>

Top of Cement: \_\_\_\_\_

Method Determined: \_\_\_\_\_

Production Casing

Hole Size: 7 7/8"

Casing Size: 5 1/2" / 14# J-55

Cemented with: 100 sx.

or

ft<sup>3</sup>

Top of Cement: 2070' +/-

Method Determined: Calculated

Total Depth: 2754'

Injection Interval

2743 feet to 2754' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55      Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth: \_\_\_\_\_

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

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

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

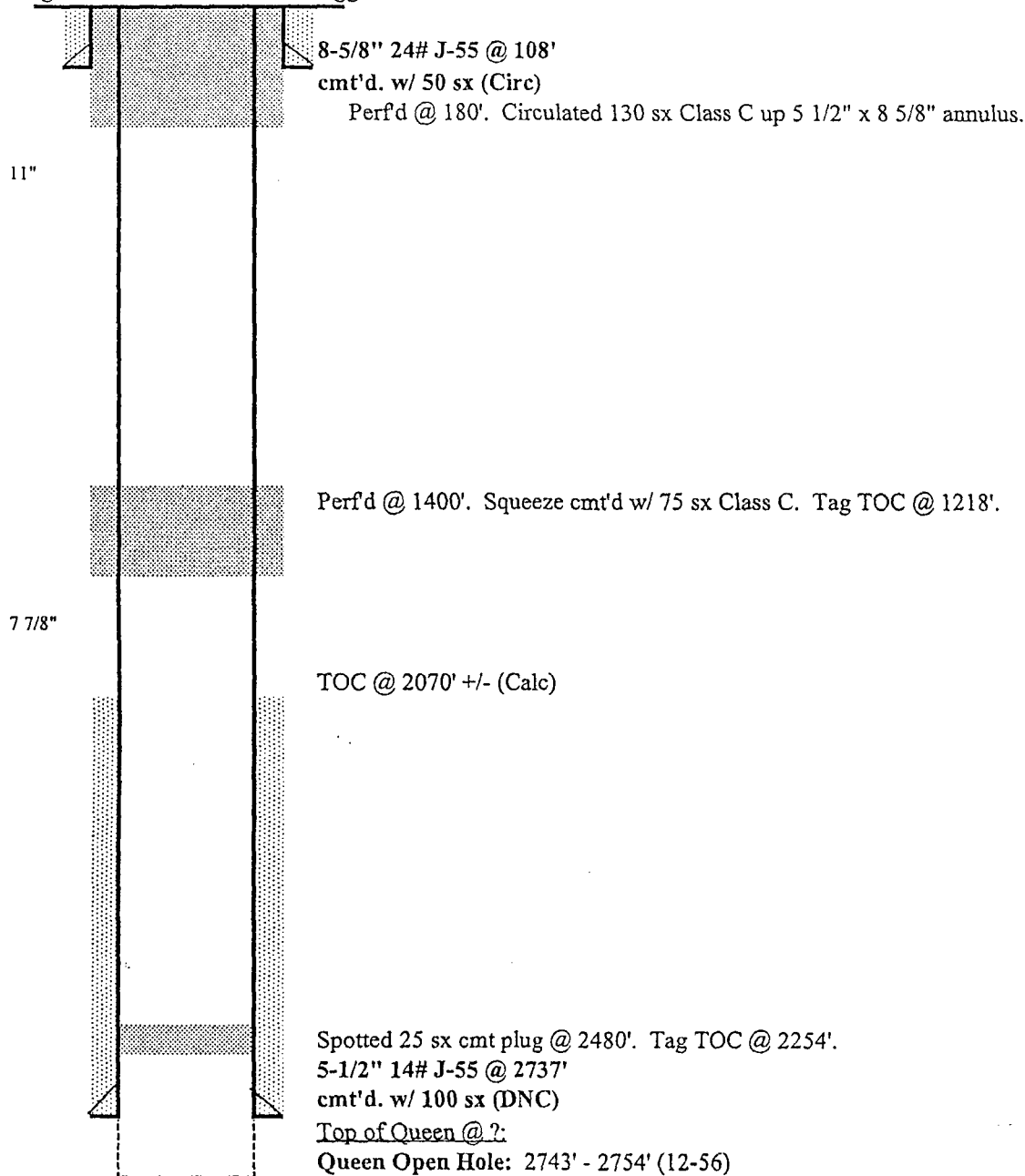
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 03, 2007  
BY: JEA  
WELL: 26  
STATE: New Mexico

Location: 1980' FSL & 660' FWL, Sec 9L, T14S, R31ECM  
SPUD: 12/17/56 COMP: 12/56  
CURRENT STATUS: P&A (06-01)  
Original Well Name: Federal Trigg #26-9

KB = 4,126'  
GL = 4,120'  
API = 30-005-01019



PBTD - 2754'  
TD - 2754'

**Well History:**                      **Trigg Federal No. 26**

**(12-56) - Initial Completion:**                      Fracture stimulated w/ 73,000 gal oil frac and 90,000# sand @ 30 BPM and 2350 psi max STP. Put well on production, IP 110 BOPD/ 0 BWPD.

**(04-63) - Convert to injector:**                      Ran 2 3/8" 4.7# J-55 cmt lined injection tubing and Howco R-3 packer and set @ 2485'. 400 BWPD injection rate.

**(04-71) - Shut-in Well:**                      Pumped 50 sx cement plug down cmt lined tubing and displaced w/ 5 bbls of fresh water.

**(06-01) - P&A Well:**

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME &amp; NUMBER: Trigg Federal No. 17

|                                     |             |         |          |       |
|-------------------------------------|-------------|---------|----------|-------|
| WELL LOCATION: 660' FSL & 1980' FWL | N           | 9       | T14S     | R31E  |
| FOOTAGE LOCATION                    | UNIT LETTER | SECTION | TOWNSHIP | RANGE |

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATA  
Surface Casing

|                        |                               |                 |
|------------------------|-------------------------------|-----------------|
| Hole Size: 17"         | Casing Size: 13 3/8" / 44#    |                 |
| Cemented with: 50 sx.  | or                            | ft <sup>3</sup> |
| Top of Cement: Surface | Method Determined: Circulated |                 |

Intermediate Casing

|                |                    |                 |
|----------------|--------------------|-----------------|
| Hole Size:     | Casing Size:       |                 |
| Cemented with: | sx. or             | ft <sup>3</sup> |
| Top of Cement: | Method Determined: |                 |

Production Casing

|                          |                                  |                 |
|--------------------------|----------------------------------|-----------------|
| Hole Size: 7 7/8"        | Casing Size: 5 1/2" / 14# / J-55 |                 |
| Cemented with: 100 sx.   | or                               | ft <sup>3</sup> |
| Top of Cement: 2100' +/- | Method Determined: Calculated    |                 |
| Total Depth: 2803'       |                                  |                 |

Injection Interval

2789 feet to 2803' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55

Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth:

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_

Yes \_\_\_\_\_ X \_\_\_\_\_ No

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 03, 2007  
BY: JEA  
WELL: 17  
STATE: New Mexico

Location: 660' FSL & 1980' FWL, Sec 9N, T14S, R31ECM  
SPUD: 06/17/55 COMP: 07/55  
CURRENT STATUS: P&A (05-01)  
Original Well Name: Federal Trigg #17-9

KB = 4,154'  
GL = 4,152'  
API = 30-005-01014

13 3/8" 44# @ 90'  
cmt'd w/ 50 sx  
Perf'd @ 180'. Circulated 130 sx Class C up 5 1/2" x 13 3/8" annulus.

Note: 8 5/8" casing was set @ 1148' during drilling operation but was subsequently pulled after the well was drilled to TD.

Perf'd @ 1400'. Squeeze cmt'd w/ 75 sx Class C. Tag TOC @ 1262'.

7 7/8"

TOC @ 2100' +/- (Calc)

Spotted 25 sx cmt plug @ 2400'. Tag TOC @ 2131'.  
5-1/2" 14# J-55 @ 2781'  
cmt'd. w/ 100 sx (DNC)  
Top of Queen @ ?:  
Queen Open Hole: 2789' - 2803' (06-55)

PBTD - 2803'  
TD - 2803'

**Well History: Trigg Federal No. 17**

(06-55) - Initial Completion: Fracture stimulated w/ 10,000 gal oil frac and 15,000# sand @ 12 BPM and 2100 psi max STP. Put well on production, IP 120 BOPD/ 0 BWPD.

(04-63) - Convert to injector: Ran 2 3/8" 4.7# J-55 cmt lined injection tubing and Howco R-3 packer and set @ 2390'. 400 BWPD injection rate.

(05-01) - P&A Well:

## INJECTION WELL DATA SHEET

OPERATOR: Celero Energy II, L P

WELL NAME &amp; NUMBER: Trigg Federal No. 2

WELL LOCATION: 660' FSL &amp; 660' FEL

FOOTAGE LOCATION

P

UNIT LETTER

9

SECTION

T14S

TOWNSHIP

R31E

RANGE

WELLBORE SCHEMATIC (See Attached)WELL CONSTRUCTION DATASurface Casing

Hole Size: 17"

Casing Size: 13 3/8" / 44#

Cemented with: 50 sx.

or ft<sup>3</sup>

Top of Cement: Surface

Method Determined: Circulated

Intermediate Casing

Hole Size: \_\_\_\_\_

Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_

sx.

or

ft<sup>3</sup>

Top of Cement: \_\_\_\_\_

Method Determined: \_\_\_\_\_

Production Casing

Hole Size: 7 7/8"

Casing Size: 5 1/2" / 14# / J-55

Cemented with: 100 sx.

or

ft<sup>3</sup>

Top of Cement: 2110' +/-

Method Determined: Calculated

Total Depth: 2810'

Injection Interval

2790 feet to 2810' (Open Hole)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" / 4.7# / J-55      Lining Material: Cement Lined or Internally Plastic Coated

Type of Packer: Arrowset 1X

Packer Setting Depth:

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?      Yes ☐ No ☒

If no, for what purpose was the well originally drilled? Primary depletion oil producer \_\_\_\_\_

2. Name of the Injection Formation: Queen \_\_\_\_\_

3. Name of Field or Pool (if applicable): Caprock \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No \_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

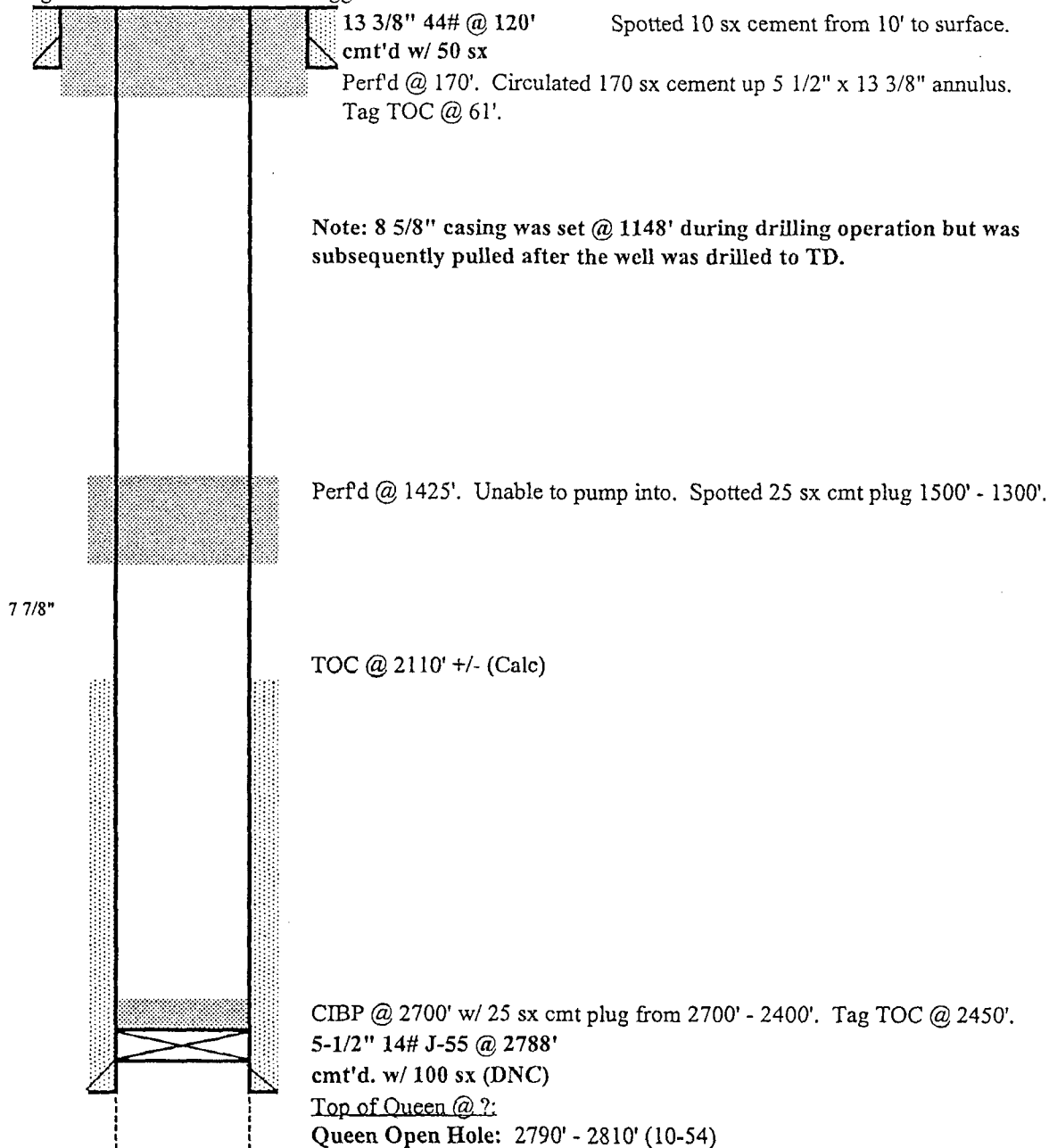
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 05, 2007  
BY: JEA  
WELL: 2  
STATE: New Mexico

Location: 660' FSL & 660' FEL, Sec 9P, T14S, R31ECM  
SPUD: 10/02/54 COMP: 10/54  
CURRENT STATUS: P&A (12-00)  
Original Well Name: Federal Trigg #2-9

KB = 4,175'  
GL = 4,173'  
API = 30-005-01007



PBTD - 2810'  
TD - 2810'

**Well History: Trigg Federal No. 2**

(10-54) - Initial Completion: Fracture stimulated w/ 13,000 gal oil frac and 8,000# sand @ 16.4 BPM and 2000 psi max STP. Put well on production, IP 96 BOPD/ 0 BWPD.

(11-61) - Convert to injector: Ran 2 3/8" 4.7# J-55 cmt lined injection tubing and Howco R-3 packer and set @ 2490'. 400 BWPD injection rate.

(09-62) - Workover: Fracture stimulated w/ 30,000 gal water frac and 30,000# sand @ 30 BPM and 2200 psi STP. RWTI.

(07-81) - Workover: CO well to TD @ 2810'. RWTI.

(12-00) - P&A Well:

TRIGG-FED 6

38

TRIGG FEDERAL

W132

TRIGG FEDERAL

24

TRIGG FEDERAL

W116

TRIGG FEDERAL

33

TRIGG FEDERAL

8

DRICKEY QN SDT TR6

18

FED-TRIGG 4



TRIGG FEDERAL

W135

TRIGG FEDERAL

31

TRIGG FEDERAL

W123

TRIGG FEDERAL

15

TRIGG FEDERAL

W117

DRICKEY QN SDT TR6

19

TRIGG FEDERAL

30

4

TRIGG FEDERAL

W114

TRIGG-FED 4

22

TRIGG FEDERAL

6

DRICKEY QN SDT TR6

TRIGG-FED 5

34

TRIGG FEDERAL

W125

TRIGG FEDERAL

W121

TRIGG FEDERAL

35 15

TRIGG-FED 4

5

DRICKEY QN SDT TR6

23

TRIGG FEDERAL

28

TRIGG FEDERAL

20

TRIGG FEDERAL

12

TRIGG FEDERAL

4

DRICKEY QN SDT TR6

29

W CPRCK QN SD TR-1

TRIGG FEDERAL

27

TRIGG FEDERAL

W119

TRIGG FEDERAL

11

TRIGG FEDERAL

W13

GOVERNMENT B

7

W CPRCK QN SD TR-1

TRIGG FEDERAL

26

TRIGG FEDERAL

18

TRIGG FEDERAL

10

TRIGG FEDERAL

1

DRICKEY QN SDT TR10

36

W CPRCK QN SD TR-2

TRIGG FEDERAL

25

TRIGG FEDERAL

W117

TRIGG FEDERAL

9

TRIGG FEDERAL

W12

DRICKEY QN SDT TR10

37

W CPRCK QN SD TR-2

SD TR-2

9

**CAPROCK - TRIGG FEDERAL**  
**Authorization to Inject Tabulation of Well Data (VI)**

ACR

| Unit/ Lease   | Current Well No. | Original Well Name & No. | Location              |                  |      |          |       | Current Well Type | D&C (mo/yr) |
|---------------|------------------|--------------------------|-----------------------|------------------|------|----------|-------|-------------------|-------------|
|               |                  |                          | Footage               | 40-acre Location | Sec. | Township | Range |                   |             |
| Trigg Federal | 8                | Federal Trigg #8-4       | 665' FNL & 660' FEL   | 4A               | 4    | 14S      | 31E   | Prod              | 04/55       |
| Trigg Federal | 33               | Federal Trigg #33-4      | 330' FNL & 990' FEL   | 4A               | 4    | 14S      | 31E   | Prod              | 11/61       |
| Trigg Federal | 16               | Federal Trigg #16-4      | 665' FNL & 1980' FEL  | 4B               | 4    | 14S      | 31E   | Inj.              | 12/55       |
| Trigg Federal | 37               | Federal Trigg #37-4      | 1320' FNL & 2475' FEL | 4B               | 4    | 14S      | 31E   | Inj.              | 09/63       |
| Trigg Federal | 24               | Federal Trigg #24-4      | 665' FNL & 2310' FWL  | 4C               | 4    | 14S      | 31E   | Prod              | 07/56       |
| Trigg Federal | 32               | Federal Trigg #32-4      | 665' FNL & 990' FWL   | 4D               | 4    | 14S      | 31E   | Inj               | 06/58       |
| Trigg Federal | 31               | Federal Trigg #31-4      | 1980' FNL & 990' FWL  | 4E               | 4    | 14S      | 31E   | Inj               | 03/59       |
| Trigg Federal | 23               | Federal Trigg #23-4      | 1990' FNL & 2310' FWL | 4F               | 4    | 14S      | 31E   | Inj               | 07/56       |
| Trigg Federal | 15               | Federal Trigg #15-4      | 1990' FNL & 1980' FEL | 4G               | 4    | 14S      | 31E   | Prod              | 01/56       |
| Trigg Federal | 7                | Federal Trigg #7-4       | 1990' FNL & 660' FEL  | 4H               | 4    | 14S      | 31E   | Inj               | 03/55       |
| Trigg Federal | 6                | Federal Trigg #6-4       | 1980' FSL & 660' FEL  | 4I               | 4    | 14S      | 31E   | Prod              | 02/07       |
| Trigg Federal | 14               | Federal Trigg #14-4      | 2310' FSL & 1650' FEL | 4J               | 4    | 14S      | 31E   | Inj               | 06/58       |
| Trigg Federal | 22               | Federal Trigg #22-4      | 1980' FSL & 1980' FWL | 4K               | 4    | 14S      | 31E   | Prod              | 05/59       |
| Trigg Federal | 30               | Federal Trigg #30-4      | 2310' FSL & 990' FWL  | 4L               | 4    | 14S      | 31E   | Inj               | 05/59       |
| Trigg Federal | 29               | Federal Trigg #29-4      | 660' FSL & 990' FWL   | 4M               | 4    | 14S      | 31E   | Inj               | 06/59       |
| Trigg Federal | 21               | Federal Trigg #21-4      | 990' FSL & 2310' FWL  | 4N               | 4    | 14S      | 31E   | Inj               | 05/59       |
| Trigg Federal | 13               | Federal Trigg #13-4      | 990' FSL & 1650' FEL  | 4O               | 4    | 14S      | 31E   | Prod              | 06/58       |
| Trigg Federal | 38               | Federal Trigg #38-4      | 990' FSL & 1917' FEL  | 4O               | 4    | 14S      | 31E   | D&A               | 10/64       |
| Trigg Federal | 5                | Federal Trigg #5-4       | 660' FSL & 660' FEL   | 4P               | 4    | 14S      | 31E   | Inj               | 01/55       |
| Trigg Federal | 4                | Federal Trigg #4-9       | 665' FNL & 660' FEL   | 9A               | 9    | 14S      | 31E   | Prod              | 12/55       |
| Trigg Federal | 12               | Federal Trigg #12-9      | 660' FNL & 1980' FEL  | 9B               | 9    | 14S      | 31E   | Inj               | 05/57       |
| Trigg Federal | 20               | Federal Trigg #20-9      | 660' FNL & 1980' FWL  | 9C               | 9    | 14S      | 31E   | Inj               | 03/59       |
| Trigg Federal | 28               | Federal Trigg #28-9      | 660' FNL & 660' FWL   | 9D               | 9    | 14S      | 31E   | Inj               | 05/59       |
| Trigg Federal | 27               | Federal Trigg #27-9      | 1980' FNL & 660' FWL  | 9E               | 9    | 14S      | 31E   | Prod              | 12/56       |
| Trigg Federal | 19               | Federal Trigg #19-9      | 1980' FNL & 1980' FWL | 9F               | 9    | 14S      | 31E   | Inj               | 06/57       |
| Trigg Federal | 11               | Federal Trigg #11-9      | 1980' FNL & 1980' FEL | 9G               | 9    | 14S      | 31E   | Prod              | 01/56       |
| Trigg Federal | 3                | Federal Trigg #3-9       | 1980' FNL & 660' FEL  | 9H               | 9    | 14S      | 31E   | Inj               | 11/54       |
| Trigg Federal | 1                | Federal Trigg #1-9       | 1980' FSL & 660' FEL  | 9I               | 9    | 14S      | 31E   | Prod              | 08/54       |
| Trigg Federal | 10               | Federal Trigg #10-9      | 1980' FSL & 1980' FEL | 9J               | 9    | 14S      | 31E   | Inj               | 11/55       |
| Trigg Federal | 18               | Federal Trigg #18-9      | 1980' FSL & 1980' FWL | 9K               | 9    | 14S      | 31E   | Prod              | 05/57       |
| Trigg Federal | 26               | Federal Trigg #26-9      | 1980' FSL & 660' FWL  | 9L               | 9    | 14S      | 31E   | Inj               | 12/56       |
| Trigg Federal | 25               | Federal Trigg #25-9      | 660' FSL & 660' FWL   | 9M               | 9    | 14S      | 31E   | Prod              | 11/55       |
| Trigg Federal | 17               | Federal Trigg #17-9      | 660' FSL & 1980' FWL  | 9N               | 9    | 14S      | 31E   | Inj               | 07/55       |
| Trigg Federal | 9                | Federal Trigg #9-9       | 660' FSL & 1980' FEL  | 9O               | 9    | 14S      | 31E   | Prod              | 05/55       |
| Trigg Federal | 2                | Federal Trigg #2-2       | 660' FSL & 660' FEL   | 9P               | 9    | 14S      | 31E   | Inj               | 10/54       |
| Trigg Federal | 36               | Federal Trigg #36-5      | 335' FNL & 330' FEL   | 5A               | 5    | 14S      | 31E   | Inj               | 07/59       |

| Prodn Casing<br>Size/<br>Weight<br>(in/#) | Liner -<br>Size/<br>Weight<br>(in/#) | Completion<br>Type | Well TD<br>(ft) | Perf/ O.H.<br>Interval<br>(ft-ft) | Well<br>Status | Record of Completion                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------|--------------------------------------|--------------------|-----------------|-----------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5.5/14                                    |                                      | O. H.              | 2876            | 2857 - 2876                       | SI             | Initial completion frac'd w/ 10,000 gal oil frac and 15,000# sand (04-55).                                                                                                                                                                                                                                                                                                                           |
| 4.5/9.5                                   |                                      | Cased              | 2904            | 2852 - 2862                       | TA             | Initial Completion frac'd w/ 29,820 gal oil frac and 63,000# 20-40 sand (11-61). Frac'd w/ 68,000 gal water frac and 46,000# 20-40 sand (03-63). Shut-in well 02-65. TA well 08-87.                                                                                                                                                                                                                  |
| 5.5/14                                    |                                      | O. H.              | 2820            | 2804 - 2820                       | SI             | Initial completion frac'd w/ 10,000 gal oil frac and 15,000# sand (01-56). Converted to injection (11-60).                                                                                                                                                                                                                                                                                           |
| 4.5/9.5                                   |                                      | Cased              | 2829            | 2795 - 2810                       | SI             | Initial completion natural (09-63). TA well 01-64. Converted to injection 09-77.                                                                                                                                                                                                                                                                                                                     |
| 5.5/14                                    |                                      | O. H.              | 2788            | 2770 - 2788                       | SI             | Initial completion frac'd w/ 15,000 gal oil frac and 20,000# sand (07-56).                                                                                                                                                                                                                                                                                                                           |
| 5.5/14                                    |                                      | Cased              | 2762            | 2738 - 2762                       | SI             | Initial completion natural (06-58). Converted to injection 05-62.                                                                                                                                                                                                                                                                                                                                    |
| 4.5/9.5                                   |                                      | Cased              | 2770            | 2735 - 2746                       | SI             | Initial completion frac'd w/ 13,500 gal oil frac and 24,000# 20-40 sand (03-59). Converted to injection 07-76.                                                                                                                                                                                                                                                                                       |
| 5.5/14                                    | 3.5/7.7                              | Cased              | 2815            | 2788 - 2794                       | SI             | Initial completion frac'd w/ 15,000 gal oil frac and 20,000# sand (07-56). Converted to injection 01-61. Ran and cemented 3 1/2" liner from 2763' - 2815'. Perforated 2788' - 2794' (04-62).                                                                                                                                                                                                         |
| 5.5/14                                    | 4.5/12.6                             | Cased              | 2843            | 2806 - 2818                       | SI             | Initial completion frac'd w/ 15,000 gal oil frac and 20,000# 20-40 sand and 10-20 sand (50/50) (01-56). Frac'd w/ 11,760 gal oil frac and 15,000# 20-40 sand (05-61). Ran and cemented 4 1/2" flush joint liner from 2775' - 2843' and reperforated Queen zone (04-62). Frac'd w/ 14,280 gal and 12,000# 10-20 sand (05-62). Frac'd w/ 15,960 gal, 15,000# 20-40 sand, and 5000# 10-20 sand (10-62). |
| 5.5/14                                    |                                      | O. H.              | 2847            | 2824 - 2847                       | SI             | Initial completion natural (03-55). Frac'd w/ 23,000 gal oil frac, 30,000# 20-40 & 10-20 sand (50/50) (06-57). Converted to injection 02-60. P&A 10-85.                                                                                                                                                                                                                                              |
| 5.5/14                                    |                                      | O. H.              | 2841            | 2818 - 2841                       | SI             | Initial completion natural (02-55). Frac'd w/ 15,000 gal oil frac and 20,000# 20-40 sand (11-60).                                                                                                                                                                                                                                                                                                    |
| 5.5/14                                    |                                      | O. H.              | 2813            | 2803 - 2813                       | SI             | Initial completion natural (06-58). Converted to injection 03-60. Frac'd w/ 16,800 gal water frac, 15,000# 20-40 sand, and 5,000# 10-20 sand (09-62). P&A 01-86.                                                                                                                                                                                                                                     |
| 4.5/9.5                                   |                                      | Cased              | 2780            | 2755 - 2768                       | SI             | Initial completion frac'd w/ 18,500 gal oil frac and 30,000# 20-40 sand (05-59).                                                                                                                                                                                                                                                                                                                     |
| 4.5/9.5                                   |                                      | Cased              | 2763            | 2724 - 2735                       | SI             | Initial completion frac'd w/ 15,000 gal oil frac and 15,000# sand (05-59). Frac'd w/ 5,000 gal water frac and 4000# sand (12-60). Converted to injection 04-61. TA well 01-71.                                                                                                                                                                                                                       |
| 4.5/9.5                                   |                                      | Cased              | 2750            | 2712 - 2732                       | SI             | Initial completion natural (06-59). Well was completed as an injector.                                                                                                                                                                                                                                                                                                                               |
| 4.5/9.5                                   |                                      | Cased              | 2788            | 2762 - 2775                       | SI             | Initial completion frac'd w/ 13,750 gal water frac and 27,500# sand (05-59). Converted to injection 10-60. TA well 06-87.                                                                                                                                                                                                                                                                            |
| 4.5/9.5                                   |                                      | Cased              | 2825            | 2798 - 2810                       | SI             | Initial completion frac'd w/ 60,000 gal water frac and 95,000# sand (06-58). Frac'd w/ 13,050 gal water frac and 15,000 20-40 sand (02-61).                                                                                                                                                                                                                                                          |
| ---                                       | ---                                  | ---                | 4806            | ---                               | D&A            | Evaluated Lower San Andres 3940' - 4772'. Tested 1013' - 1100'.                                                                                                                                                                                                                                                                                                                                      |
| 5.5/14                                    |                                      | O. H.              | 2857            | 2834 - 2857                       | SI             | Initial completion natural (01-55). Converted to injection 11-59.                                                                                                                                                                                                                                                                                                                                    |
| 5.5/14                                    |                                      | O. H.              | 2830            | 2813 - 2830                       | SI             | Initial completion natural (12-54).                                                                                                                                                                                                                                                                                                                                                                  |
| 5.5/14                                    |                                      | Cased              | 2784            | 2765 - 2773                       | SI             | Initial completion frac'd w/ 42,000 gal water frac and 35,000# sand (05-57). Converted to injection 03-60.                                                                                                                                                                                                                                                                                           |
| 4.5/9.5                                   |                                      | Cased              | 2764            | 2738 - 2751                       | SI             | Initial completion frac'd w/ 7,000 gal oil frac and 12,000# sand (03-59). Converted to injection 09-77. P&A 04-87.                                                                                                                                                                                                                                                                                   |
| 4.5/9.5                                   |                                      | Cased              | 2760            | 2724 - 2736                       | TA             | Initial completion frac'd w/ 17,000 gal oil frac and 30,000# sand (05-59). Frac'd w/ 13,860 gal oil frac and 17,000# 20-40 sand (05-62). Converted to injection 05-63. TA well 04-71.                                                                                                                                                                                                                |
| 5.5/14                                    |                                      | O. H.              | 2850            | 2739 - 2750                       | SI             | Initial completion frac'd w/ 20,000 gal oil frac and 30,000# 20-40 sand (12-56). P&A 06-01.                                                                                                                                                                                                                                                                                                          |
| 5.5/14                                    | 4.5/11.6                             | Cased              | 2799            | 2773 - 2778                       | SI             | Initial completion frac'd w/ 10,000 gal oil frac and 5000# sand (06-57). Converted to injection 04-61. Frac'd w/ 11,000 gal water frac and 15,000# sand (10-61). Frac'd w/ 20,000 gal water frac and 40,000# sand (12-61). Ran and cemented 4 1/2" flush joint liner from 2733' - 2799'. Abrasijet 2773' - 2778'. Frac'd w/ 21,000 gal water frac and 22,000# sand. P&A 06-01.                       |
| 5.5/14                                    |                                      | O. H.              | 2806            | 2785 - 2806                       | SI             | Initial completion frac'd w/ 15,000 gal oil frac and 20,000# sand (01-56). Frac'd w/ 30,000 gal oil frac and 40,000# sand. P&A 08-01.                                                                                                                                                                                                                                                                |
| 5.5/14                                    |                                      | O. H.              | 2833            | 2812 - 2833                       | SI             | Initial completion natural (11-54). Frac'd w/ 5,500 gal oil frac and 26,000# sand (10-56). Converted to injection 11-60. P&A 9-99.                                                                                                                                                                                                                                                                   |
| 5.5/14                                    |                                      | O. H.              | 2814            | 2800 - 2814                       | SI             | Initial completion natural (8-54). Frac'd w/ 15,000 gal oil frac and 15,000# sand (9-55). Frac'd w/ 15,540 gal water frac and 10,000# sand (3-63). P&A 05-01.                                                                                                                                                                                                                                        |
| 5.5/14                                    |                                      | O. H.              | 2796            | 2775 - 2796                       | SI             | Initial completion frac'd w/ 13,000 gal oil frac and 18,000# sand (11-55). Converted to injection 04-61. Frac'd w/ 10,000 gal water frac and 10,000# sand (10-61). P&A 05-01.                                                                                                                                                                                                                        |
| 5.5/15.5                                  | 4.5/12.6                             | Cased              | 2785            | 2759 - 2769                       | SI             | Initial completion frac'd w/ 20,000 gal oil frac and 23,000# sand (05-57). Frac'd w/ 20,000 gal oil frac and 40,000# sand (12-65). Frac'd w/ 21,540 gal water frac and 14,000# sand (03-66). Ran and cemented 4 1/2" flush joint liner from 2685' - 2785'. Abrasijet 2579' - 2769'. Frac'd w/ 19,740 gal water frac and 15,000# sand. P&A 06-01.                                                     |
| 5.5/14                                    |                                      | O. H.              | 2754            | 2743 - 2754                       | SI             | Initial completion frac'd w/ 73,000 gal oil frac and 90,000# sand (12-56). Converted to injection 04-63. Shut-in well 04-71. P&A 06-01.                                                                                                                                                                                                                                                              |
| 5.5/14                                    |                                      | O. H.              | 2771            | 2756 - 2771                       | SI             | Initial completion frac'd w/ 10,000 gal oil frac and 15,000# sand (11-55). P&A 05-01.                                                                                                                                                                                                                                                                                                                |
| 5.5/14                                    |                                      | O. H.              | 2803            | 2789 - 2803                       | SI             | Initial completion frac'd w/ 10,000 gal oil frac and 15,000# sand (06-55). Converted to injection 04-63. P&A 05-01.                                                                                                                                                                                                                                                                                  |
| 5.5/14                                    |                                      | O. H.              | 2805            | 2790 - 2805                       | SI             | Initial completion frac'd w/ 10,000 gal oil frac and 13,000# sand (05-55). Frac'd w/ 21,000 gal oil frac and 15,000# 20-40 sand (12-65). P&A 05-01.                                                                                                                                                                                                                                                  |
| 5.5/14                                    |                                      | O. H.              | 2810            | 2790 - 2710                       | SI             | Initial completion frac'd w/ 13,000 gal oil frac and 8,000# sand (10-54). Converted to injection 11-61. Frac'd w/ 30,000 gal water frac & 30,000# sand. P&A 12-00.                                                                                                                                                                                                                                   |
| 4.5/9.5                                   |                                      | Cased              | 2726            | 2691 - 2704                       | SI             | Initial completion frac'd w/ 18,400 gal water frac and 19,000# 20-40 sand (07-59). P&A 06-62. Well completed as an injector.                                                                                                                                                                                                                                                                         |

**CAPROCK - TRIGG FEDERAL**  
**Authorization to Inject Tabulation of Well Data (VI)**

| Unit/ Lease              | Current Well No. | Original Well Name & No. | Location              |                  |      |          |       | Current Well Type | D&C (mo/yr) |
|--------------------------|------------------|--------------------------|-----------------------|------------------|------|----------|-------|-------------------|-------------|
|                          |                  |                          | Footage               | 40-acre Location | Sec. | Township | Range |                   |             |
| Trigg Federal            | 35               | Federal Trigg #35-5      | 1989' FNL & 330' FEL  | 5H               | 5    | 14S      | 31E   | Inj               | 05/59       |
| Trigg Federal            | 34               | Federal Trigg #34-5      | 1650' FSL & 330' FEL  | 5I               | 5    | 14S      | 31E   | Inj               | 07/59       |
|                          |                  |                          |                       |                  |      |          |       |                   |             |
| Drickey Queen Sand Unit  | 7                |                          | 1980' FSL & 660' FWL  | 34L              | 34   | 13S      | 31E   | Inj               | 02/55       |
| Drickey Queen Sand Unit  | 8                | Government C #2          | 660' FSL & 660' FWL   | 34M              | 34   | 13S      | 31E   | Prod              | 02/55       |
| Drickey Queen Sand Unit  | 9                |                          | 660' FSL & 1980' FWL  | 34N              | 34   | 13S      | 31E   | Inj               | 01/55       |
| Drickey Queen Sand Unit  | 12               | Government C #5          | 1980' FSL & 660' FEL  | 33I              | 33   | 13S      | 31E   | Prod              | 03/55       |
| Drickey Queen Sand Unit  | 13               |                          | 1980' FSL & 1980' FEL | 33J              | 33   | 13S      | 31E   | Inj               | 03/55       |
| Drickey Queen Sand Unit  | 33N              | Government A #1          | 330' FSL & 2310' FWL  | 33N              | 33   | 13S      | 31E   | Inj               | 06/55       |
| Drickey Queen Sand Unit  | 14               |                          | 660' FSL & 1980' FEL  | 33O              | 33   | 13S      | 31E   | Prod              | 04/55       |
| Drickey Queen Sand Unit  | 15               | Government C #7          | 660' FSL & 660' FEL   | 33P              | 33   | 13S      | 31E   | Inj               | 03/55       |
| Drickey Queen Sand Unit  | 17               |                          | 665' FNL & 1980' FWL  | 3C               | 3    | 14S      | 31E   | Prod              | 11/54       |
| Drickey Queen Sand Unit  | 18               | Government B #24         | 660' FNL & 660' FWL   | 3D               | 3    | 14S      | 31E   | Inj               | 01/55       |
| Drickey Queen Sand Unit  | 19               |                          | 1990' FNL & 660' FWL  | 3E               | 3    | 14S      | 31E   | Prod              | 12/54       |
| Drickey Queen Sand Unit  | 20               |                          | 1990' FNL & 1980' FWL | 3F               | 3    | 14S      | 31E   | Inj               | 10/54       |
| Drickey Queen Sand Unit  | 22               |                          | 1980' FSL & 1980' FWL | 3K               | 3    | 14S      | 31E   | Prod              | 10/54       |
| Drickey Queen Sand Unit  | 3L               |                          | 1980' FSL & 660' FWL  | 3L               | 3    | 14S      | 31E   | Inj               | 12/54       |
| Drickey Queen Sand Unit  | 23               | Government B #20         | 660' FSL & 660' FWL   | 3M               | 3    | 14S      | 31E   | Prod              | 12/54       |
| Drickey Queen Sand Unit  | 24               |                          | 660' FSL & 1980' FWL  | 3N               | 3    | 14S      | 31E   | Inj               | 10/54       |
| Drickey Queen Sand Unit  | 28               |                          | 660' FNL & 1980' FWL  | 10C              | 10   | 14S      | 31E   | Prod              | 09/54       |
| Drickey Queen Sand Unit  | 29               | DQSU Tract 6 #17         | 660' FNL & 660' FWL   | 10D              | 10   | 14S      | 31E   | Inj               | 11/54       |
| Drickey Queen Sand Unit  | 30               |                          | 1980' FNL & 660' FWL  | 10E              | 10   | 14S      | 31E   | Prod              | 10/54       |
| Drickey Queen Sand Unit  | 31               |                          | 2080' FNL & 1920' FWL | 10F              | 10   | 14S      | 31E   | Inj               | 03/54       |
| Drickey Queen Sand Unit  | 35               | Phil - Mx #2             | 1980' FSL & 1980' FWL | 10K              | 10   | 14S      | 31E   | Prod              | 11/53       |
| Drickey Queen Sand Unit  | 36               | Phil - Mei #3            | 1980' FSL & 660' FWL  | 10L              | 10   | 14S      | 31E   | Inj               | 05/54       |
| Drickey Queen Sand Unit  | 37               | Phil - Mx #1             | 660' FSL & 660' FWL   | 10M              | 10   | 14S      | 31E   | Prod              | 11/53       |
| Drickey Queen Sand Unit  | 38               | Phil - Mex #4            | 660' FSL & 1980' FWL  | 10N              | 10   | 14S      | 31E   | Inj               | 01/54       |
| Drickey Queen Sand Unit  | 39               |                          | 660' FNL & 660' FEL   | 16A              | 16   | 14S      | 31E   | Inj               | 03/55       |
| Drickey Queen Sand Unit  | 40               | DQSU Tract 22 #1W        | 660' FNL & 1980' FEL  | 16B              | 16   | 14S      | 31E   | Inj               | 03/55       |
| Drickey Queen Sand Unit  | 16C              | Chaves State BK #1       | 660' FNL & 1980' FWL  | 16C              | 16   | 14S      | 31E   | Prod              | 05/55       |
| Drickey Queen Sand Unit  | 16D              |                          | 660' FNL & 660' FWL   | 16D              | 16   | 14S      | 31E   | Inj               | 06/55       |
| Drickey Queen Sand Unit  | 16E              | State K Acct 1 #1        | 1980' FNL & 660' FWL  | 16E              | 16   | 14S      | 31E   | Prod              | 05/55       |
| Drickey Queen Sand Unit  | 16F              |                          | 1980' FNL & 1980' FWL | 16F              | 16   | 14S      | 31E   | Inj               | 02/55       |
| Drickey Queen Sand Unit  | 41               |                          | 1980' FNL & 1980' FEL | 16G              | 16   | 14S      | 31E   | Prod              | 11/54       |
| Drickey Queen Sand Unit  | 42               | Spurk #2                 | 1980' FNL & 660' FEL  | 16H              | 16   | 14S      | 31E   | Inj               | 08/54       |
| Drickey Queen Sand Unit  | 15C              | Zimmerman #1-A           | 660' FNL & 1980' FWL  | 15C              | 15   | 14S      | 31E   | Prod              | 02/54       |
| Drickey Queen Sand Unit  | 56               |                          | 130' FNL & 380' FWL   | 15DN             | 15   | 14S      | 31E   | Inj               | 01/00       |
| Drickey Queen Sand Unit  | 44               | Zimmerman #1             | 660' FNL & 660' FWL   | 15DS             | 15   | 14S      | 31E   | Inj               | 06/53       |
| Drickey Queen Sand Unit  | 45               | Union Federal #1         | 1980' FNL & 660' FWL  | 15E              | 15   | 14S      | 31E   | Prod              | 04/54       |
|                          |                  |                          |                       |                  |      |          |       |                   |             |
| West Cap Queen Sand Unit | 8A               |                          | 990' FNL & 330' FEL   | 8A               | 8    | 14S      | 31E   | Prod              | 05/57       |
| West Cap Queen Sand Unit | 8H               |                          | 2510' FNL & 330' FEL  | 8H               | 8    | 14S      | 31E   | Prod              | 01/56       |
| West Cap Queen Sand Unit | 8I               | A R C Federal #2         | 1650' FSL & 330' FEL  | 8I               | 8    | 14S      | 31E   | Prod              | 01/57       |
| West Cap Queen Sand Unit | 8O               | ARC Federal #3           | 330' FSL & 1650' FEL  | 8O               | 8    | 14S      | 31E   | Prod              | 05/57       |
| West Cap Queen Sand Unit | 8PN              | ARC Federal #1           | 660' FNL & 660' FEL   | 8PN              | 8    | 14S      | 31E   | Inj               | 01/56       |
| West Cap Queen Sand Unit | 8PS              |                          |                       | 8PS              | 8    | 14S      | 31E   | Inj               | ?           |
| West Cap Queen Sand Unit | 1                | Cleat #2                 | 660' FNL & 660' FEL   | 17A              | 17   | 14S      | 31E   | Prod              | 09/55       |
| West Cap Queen Sand Unit | 2                | Cleat #5                 | 660' FNL & 1980' FEL  | 17B              | 17   | 14S      | 31E   | Inj               | 07/57       |
| West Cap Queen Sand Unit | 4                | Cleat #1                 | 1980' FNL & 660' FEL  | 17H              | 17   | 14S      | 31E   | Inj               | 08/55       |
|                          |                  |                          |                       |                  |      |          |       |                   |             |
|                          |                  |                          |                       |                  |      |          |       |                   |             |

- 2 -

| Prodn Casing<br>Size/ Weight<br>(In/#) | Liner -<br>Size/<br>Weight<br>(In/#) | Completion<br>Type | Well TD<br>(ft) | Perf/ O.H.<br>Interval<br>(ft-ft) | Well<br>Status | Record of Completion                                                                                                               |
|----------------------------------------|--------------------------------------|--------------------|-----------------|-----------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------|
| 4.5/9.5                                |                                      | Cased              | 2730            | 2684 - 2698                       | SI             | Initial completion natural (05-59). Well completed as an injector.                                                                 |
| 4.5/9.5                                |                                      | Cased              | 2729            | 2696 - 2710                       | P&A            | Initial completion frac'd w/ 18,270 gal water frac and 27,500# 20-40 sand (07-59). P&A 06-62. Well completed as an injector.       |
| 5.5/14                                 |                                      | O. H.              | 2907            | 2891-2907                         | TA             | Initial completion natural (02-55). Converted to injection 08-61. Last injection 11-83.                                            |
| 5.5/14                                 |                                      | O. H.              | 2946            | 2928-2946                         | SI             | Initial completion natural (02-55).                                                                                                |
| 5.5/14                                 |                                      | O. H.              | 3048            | 3043-3048                         | TA             | Initial completion natural (01-55). Converted to injection 09-61. Last injection 08-72.                                            |
| 5.5/14                                 |                                      | O. H.              | 2859            | 2841-2859                         | SI             | Initial completion natural (03-55).                                                                                                |
| 5.5/14                                 |                                      | O. H.              | 2809            | 2793-2809                         | SI             | Initial completion natural (03-55). Converted to injection 08-31. Last injection 11-83.                                            |
| 5.5/14                                 |                                      | Cased              | 2799            | 2774-2778                         | P&A            | Initial completion natural (06-55). Converted to injection 08-61. P&A 06-70.                                                       |
| 5.5/14                                 |                                      | O. H.              | 2813            | 2796-2813                         | SI             | Initial completion frac'd w/ 8,000 gal oil frac and 4,000# sand (04-55).                                                           |
| 5.5/14                                 |                                      | O. H.              | 2868            | 2849-2868                         | SI             | Initial completion frac'd w/ 8,000 gal oil frac and 4,000# sand (03-55). Converted to injection 12-60. Last injection 02-00.       |
| 5.5/14 & 15.5                          |                                      | O. H.              | 3066            | 3046-3066                         | SI             | Initial completion natural (11-54).                                                                                                |
| 5.5/14                                 |                                      | Cased/O.H.         | 2942            | 2917-2942                         | TA             | Initial completion natural (01-55). Converted to injection 08-60. Last injection 11-88.                                            |
| 5.5/14                                 |                                      | O. H.              | 2902            | 2884-2902                         | SI             | Initial completion natural (12-54).                                                                                                |
| 5.5/14                                 |                                      | O. H.              | 3062            | 3044-3062                         | TA             | Initial completion natural (10-54). Converted to injection 08-60. TA well 09-72.                                                   |
| 5.5/14                                 |                                      | O. H.              | 3063            | 3045-3063                         | 7              | Initial completion natural (10-54). TA well 2-90.                                                                                  |
| 5.5/14                                 |                                      | O. H.              | 2895            | 2881-2895                         | P&A            | Initial completion frac'd w/ 20,000 gal oil frac and 10,000# sand (12-54). Converted to injection 12-60. P&A 12-83.                |
| 5.5                                    |                                      | O. H.              | 2935            | 2914-2935                         | SI             | Initial completion natural (12-54).                                                                                                |
| 5.5/14                                 |                                      | O. H.              | 3064            | 3044-3064                         | TA             | Initial completion natural (10-54). Converted to injection 07-58. TA well 02-90.                                                   |
| 5.5/14                                 |                                      | O. H.              | 2975            | 2955-2975                         | SI             | Initial completion natural 09-54).                                                                                                 |
| 5.5/14 & 15.5                          |                                      | Cased/O.H.         | 2883            | 2856-2883                         | SI             | Initial completion natural (11-54). Converted to injection 11-59. Last injection 02-00.                                            |
| 5.5/14                                 |                                      | O. H.              | 2883            | 2870-2883                         | SI             | Initial completion frac'd w/ 20,000 gal oil frac and 20,000# sand (10-54). Frac'd w/ 7,000 gal water frac and 5,500# sand (12-66). |
| 5.5/14                                 |                                      | O. H.              | 2940            | 2936-2940                         | SI             | Initial completion natural (03-54). Converted to injection 7-60. Last injection 12-98.                                             |
| 7/20                                   |                                      | O. H.              | 2893            | 2884-2893                         | SI             | Initial completion natural (11-53).                                                                                                |
| 5.5                                    |                                      | O. H.              | 2858            | 2841-2858                         | SI             | Initial completion natural (05-54). Converted to injection 08-61. Last injection 01-99.                                            |
| 5.5/15.5                               |                                      | O. H.              | 2831            | 2824-2831                         | SI             | Initial completion natural (11-53).                                                                                                |
| 7/20                                   |                                      | O. H.              | 2867            | 2846-2867                         | SI             | Initial completion natural (01-54). Converted to injection 11-61. Last injection 12-96.                                            |
| 7/20                                   |                                      | O. H.              | 2881            | 2865-2881                         | SI             | Initial completion frac'd w/ 8,000 gal oil frac and 4,000# sand (03-55). Converted to injection 09-92. Last injection 3-95.        |
| 5.5/14                                 |                                      | O. H.              | 2857            | 2839-2857                         | TA             | Initial completion frac'd w/ 8,000 gal oil frac and 8,000# sand (03-55). Converted to injection 05-63. Last injection 08-74.       |
| 7/20                                   |                                      | O. H.              | 2834            | 2817-2834                         | P&A            | Initial completion frac'd w/ 6,000 gal oil frac and 6,000# sand (05-55).                                                           |
| 5.5/14                                 |                                      | O. H.              | 2800            | 2785-2800                         | P&A            | Initial completion frac'd w/ 10,000 gal oil frac and 10,000# sand (06-55). Converted to injection 07-63. P&A 11-70.                |
| 5.5/14                                 |                                      | O. H.              | 2808            | 2790-2808                         | P&A            | Initial completion frac'd w/ 8,000 gal oil frac and 8,000# sand (05-55). P&A 03-74.                                                |
| 5.5/14                                 |                                      | O. H.              | 2847            | 2815-2847                         | P&A            | Initial completion frac'd w/ 10,000 gal oil frac and 10,000# sand (02-55). Converted to injection 03-64. P&A 07-70.                |
| 7/20                                   |                                      | O. H.              | 2868            | 2857-2868                         | TA             | Initial completion frac'd w/ 8,000 gal oil frac and 8,000# sand (11-54).                                                           |
| 7/20                                   |                                      | O. H.              | 2895            | 2883-2895                         | SI             | Initial completion frac'd w/ 8,000 gal oil frac and 8,000# sand (08-54). Converted to injection 05-63. Last injection 05-98.       |
| 7/20                                   |                                      | O. H.              | 2870            | 2855-2870                         | P&A            | Initial completion natural (02-54). P&A 11-70.                                                                                     |
| 5.5/15.5                               |                                      | Horiz.             | 5500            | 3088-5500                         |                | Initial completion natural in 2400' horizontal injection well (02-00).                                                             |
| 5.5/15.5                               |                                      | O. H.              | 4139            | 2868-2899                         | SI             | Initial completion frac'd w/ 3,000 gal oil frac and 6,000# sand (06-53). Converted to injection 05-62. Last injection 5-98.        |
| 7/20                                   |                                      | O. H.              | 2956            | 2942-2956                         | P&A            | Initial completion frac'd w/ 4,000 gal oil frac and 4,000# sand (04-54).                                                           |
| 5.5/14                                 | 4.5                                  | Cased              | 2714            | 2707-2713                         | P&A            | Initial completion frac'd w/ 4,000 gal oil frac and 4,000# sand (05-57). P&A ?                                                     |
| 5.5                                    |                                      | O. H.              | 2721            | 2710-2721                         | P&A            | Initial completion frac'd w/ 8,000 gal oil frac and 4,000# sand (01-56). P&A ?                                                     |
| 7/20                                   |                                      | Cased              | 2745            | 2725-2735                         | P&A            | Initial completion frac'd w/ 10,000 gal oil frac and 5,000# sand (01-57). P&A 01-74.                                               |
| 5.5/14                                 |                                      | Cased              | 2740            | 2701-2735                         | P&A            | Initial completion frac'd w/ 10,000 gal oil frac and 10,000# sand (05-57). P&A 01-74.                                              |
| 5.5/14                                 |                                      | Cased              | 2746            | 2728-2739                         | P&A            | Initial completion frac'd w/ 2,730 gal oil frac and 2,000# sand (01-56). Converted to injection 04-63. P&A 01-74.                  |
| ?                                      |                                      | ?                  | ?               | ?                                 | ?              |                                                                                                                                    |
| 5.5/14 & 15.5                          |                                      | O. H.              | 2758            | 2742-2758                         | SI             | Initial completion frac'd w/ 5,000 gal oil frac and 2,500# sand (09-55).                                                           |
| 5.5/15.5                               |                                      | O. H.              | 2729            | 2708-2729                         | TA             | Initial completion frac'd w/ 10,000 gal oil frac and 5,000# sand (07-57). Converted to injection 04-63. Last injection 07-79.      |
| 5.5/14                                 |                                      | O. H.              | 2770            | 2758-2770                         | TA             | Initial completion frac'd w/ 5,000 gal oil frac and 2,500# sand (08-55). Converted to injection 04-63. Last injection 11-69.       |
|                                        |                                      |                    |                 |                                   |                |                                                                                                                                    |
|                                        |                                      |                    |                 |                                   |                |                                                                                                                                    |

-2A-

# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 03, 2007  
BY: JEA  
WELL: 1  
STATE: New Mexico

Location: 1980' FSL & 660' FEL, Sec 9I, T14S, R31ECM  
SPUD: 08/14/54 COMP: 08/54  
CURRENT STATUS: P&A (05-01)  
Original Well Name: Federal Trigg #1-9

KB = 4,193'  
GL = 4,191'  
API = 30-005-01006

11"  
13 3/8" 44# @ 130'  
cmt'd w/ 50 sx  
Perf'd @ 180'. Circulated 130 sx Class C up 5 1/2" x 13 3/8" annulus.

Note: 8 5/8" casing was set @ 1192' during drilling operation but was subsequently pulled after the well was drilled to TD.

7 7/8"  
Perf'd @ 1400'. Squeeze cmt'd w/ 75 sx Class C. Tag TOC @ 1234'.

TOC @ ?

CIBP @ 2700' w/ 25 sx cmt plug from 2700' - 2500'.  
5-1/2" 14# J-55 @ 2794'  
cmt'd. w/ 100 sx (DNC)  
Top of Queen @ ?  
Queen Open Hole: 2800' - 2814' (08-54)

PBTD - 2814'  
TD - 2814'

7/30/2007

Trigg Federal #1

**Well History: Trigg Federal No. 1**

**(08-54) - Initial Completion:** Put well on production, IP 111 BOPD/ 0 BWPD.

**(09-55) - Workover:** Fracture stimulated w/ 15,000 gal oil frac and 15,000# sand @ 13 BPM and 2100 psi max STP. RWTP.

**(03-63) - Workover:** Fracture stimulated w/ 15,540 gal water frac and 10,000# sand @ 20 BPM and 2300 psi max STP. RWTP.

**(01-67) - Workover:** Gyp Treatment w/ 1500 gal acid and magnesium bars?

**(05-01) - P&A Well:**

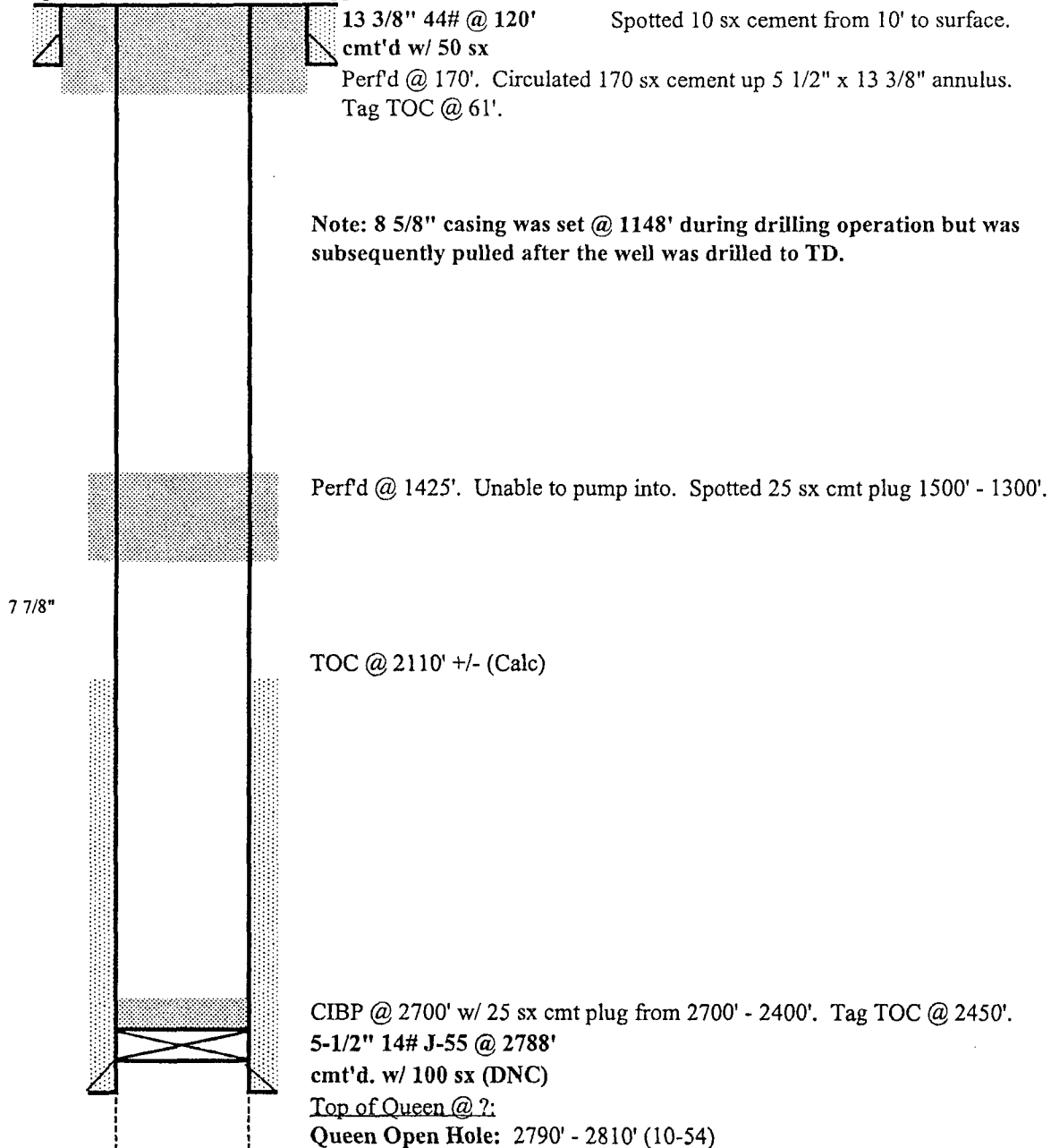
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 05, 2007  
BY: JEA  
WELL: 2  
STATE: New Mexico

Location: 660' FSL & 660' FEL, Sec 9P, T14S, R31ECM  
SPUD: 10/02/54 COMP: 10/54  
CURRENT STATUS: P&A (12-00)  
Original Well Name: Federal Trigg #2-9

KB = 4,175'  
GL = 4,173'  
API = 30-005-01007



**Well History: Trigg Federal No. 2**

**(10-54) - Initial Completion:** Fracture stimulated w/ 13,000 gal oil frac and 8,000# sand @ 16.4 BPM and 2000 psi max STP. Put well on production, IP 96 BOPD/ 0 BWPD.

**(11-61) - Convert to injector:** Ran 2 3/8" 4.7# J-55 cmt lined injection tubing and Howco R-3 packer and set @ 2490'. 400 BWPD injection rate.

**(09-62) - Workover:** Fracture stimulated w/ 30,000 gal water frac and 30,000# sand @ 30 BPM and 2200 psi STP. RWTI.

**(07-81) - Workover:** CO well to TD @ 2810'. RWTI.

**(12-00) - P&A Well:**

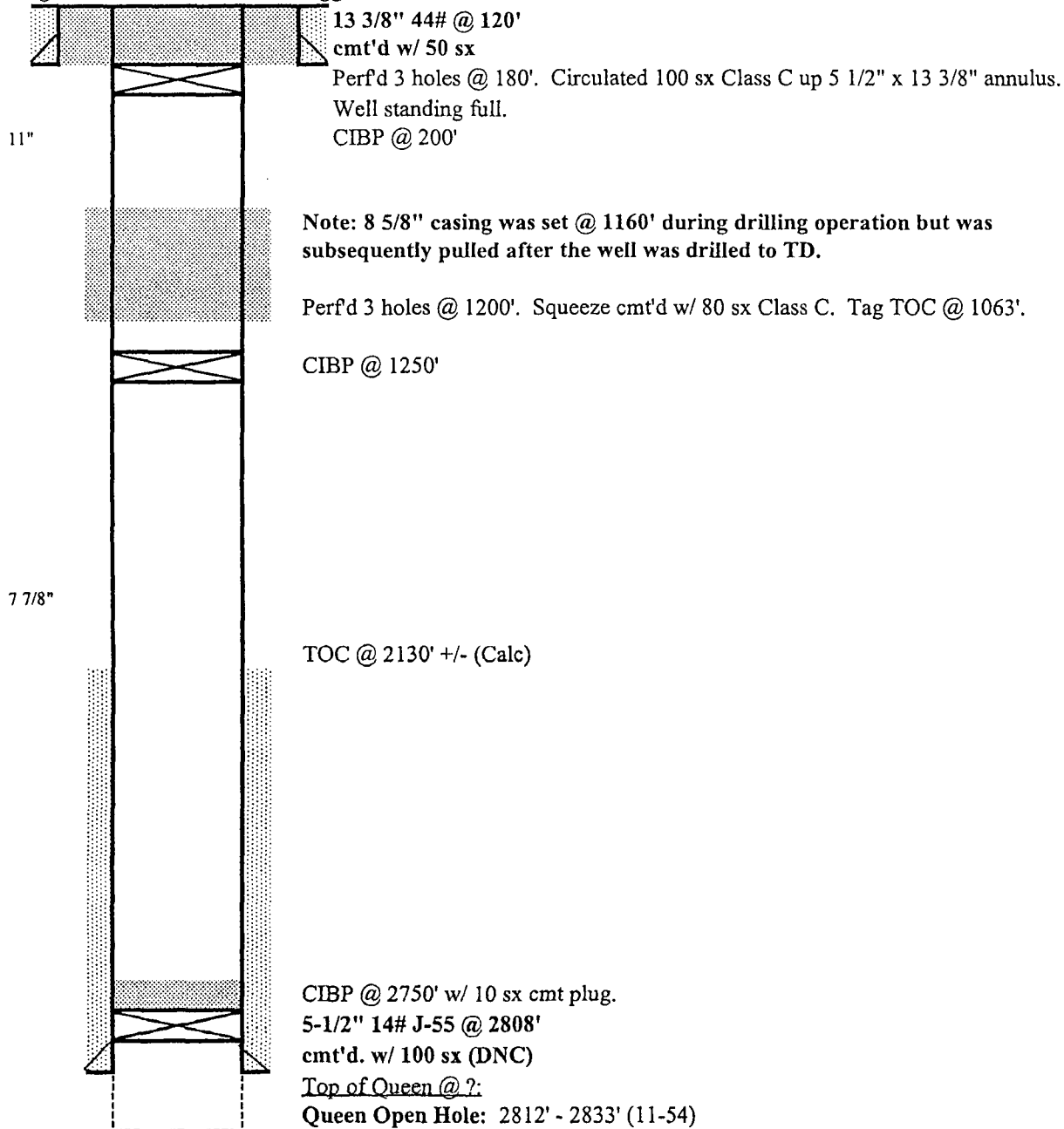
# CELERO ENERGY

**FIELD:** Caprock  
**LEASE/UNIT:** Trigg Federal  
**COUNTY:** Chaves

**DATE:** Jul. 02, 2007  
**BY:** JEA  
**WELL:** 3  
**STATE:** New Mexico

Location: 1980' FNL & 660' FEL, Sec 9H, T14S, R31ECM  
 SPUD: 10/22/54 COMP: 11/54  
 CURRENT STATUS: P&A (09-99)  
 Original Well Name: Federal Trigg #3-9

**KB = 4,205'**  
**GL = 4,203'**  
**API = 30-005-01008**



PBTd - 2833'  
 TD - 2833'

Well History:                      Trigg Federal No. 3

(11-54) - Initial Completion:                      Put well on production, IP 120 BOPD/ 0 BWPD.

(10-56) - Workover:                      Fracture stimulated w/ 5,500 gal oil frac and 26,000# sand @ 26.7 BPM and  
2200 psi max STP. RWTP.

(11-60) - Convert to Injection:                      Ran 2 3/8" 4.7# J-55 IPC injection tubing and Howco R-3  
packer set @ 2494'.

(09-99) - P&A Well:

# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jun. 27, 2007  
BY: JEA  
WELL: 7  
STATE: New Mexico

Location: 1990' FNL & 660' FEL, Sec 4H, T14S, R31ECM

SPUD: 02/25/55 COMP: 03/55

CURRENT STATUS: P&A (10-85)

Original Well Name: Federal Trigg #7-4

KB = 4222'

GL = 4220'

API = 30-005-00980

Set 10 sx cmt plug at surface and pumped 145 sx cmt down 5 1/2" x 8 5/8" casing annulus  
13-3/8" 44# @ 130'  
cmt't w/ 50 sx

11"

Note: 8 5/8" casing was set @ 1160' during drilling operation but was subsequently pulled after the well was drilled to TD.  
Set 30 sx cmt plug @ 1300'

7 7/8"

TOC @ 2140' +/- (Calc)

Set 30 sx cmt plug 2535' - 2600'

5-1/2" 14# J-55 @ 2824'  
cmt'd. w/ 100 sx (DNC)

Top of Queen @ 2822':

Queen Open Hole: 2824' - 2847' (03-55)

PBTD - 2847'  
TD - 2847'

7/30/2007

Trigg Federal #7

**Well History: Trigg Federal No. 7**

**(03-55) - Initial Completion:** Put well on production, IP 120 BOPD/ 0 BWPD.

**(06-57) - Workover:** Fracture stimulated w/ 23,000 gal oil, 15,000# 20-40 sand and 15,000# 10-20 sand @ 23.6 BPM and 2050 - 2400 psi STP.

**(02-60) - Convert to Injector:** Ran 2 3/8" 4.7# IPC injection tubing and Howco R-3 tension packer and set @ 2684'.

**(06-80) - Workover:** Treat well with 250 gal Hy Sol 704 and 1500 gal 15% NEFE acid.

**(10-85) - P&A Well:**

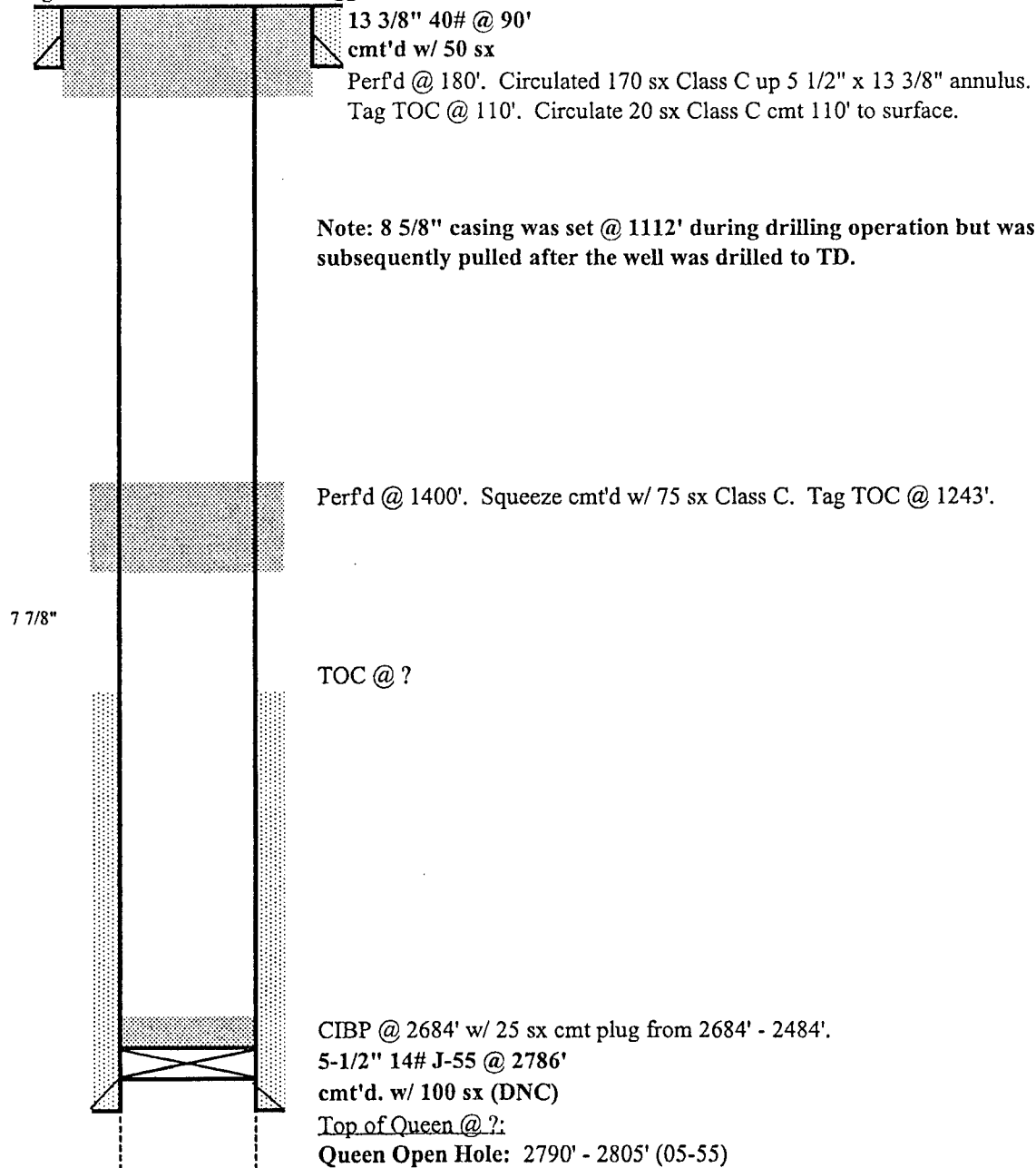
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 05, 2007  
BY: JEA  
WELL: 9  
STATE: New Mexico

Location: 660' FSL & 1980' FEL, Sec 9O, T14S, R31ECM  
SPUD: 05/05/55 COMP: 05/55  
CURRENT STATUS: P&A (05-01)  
Original Well Name: Federal Trigg #9-9

KB = 4,162'  
GL = 4,159'  
API = 30-005-01010



**Well History: Trigg Federal No. 9**

**(05-55) - Initial Completion:** Fracture stimulated w/ 10,000 gal oil frac and 13,000# sand. Put well on production, IP 128 BOPD/ 0 BWPD.

**(12-65) - Workover:** Fracture stimulated w/ 21,000 gal oil frac and 15,000# 20-40 sand @ 25.1 BPM and 2150 psi STP. RWTP.

**(01-67) - Workover:** Acidized w/ 1500 gal hot acid and 135# of Magnesium bars to heat acid for gyp removal.

**(05-01) - P&A Well:**

# CELERO ENERGY

**FIELD:** Caprock  
**LEASE/UNIT:** Trigg Federal  
**COUNTY:** Chaves

**DATE:** Jul. 03, 2007  
**BY:** JEA  
**WELL:** 10  
**STATE:** New Mexico

Location: 1980' FSL & 1980' FEL, Sec 9J, T14S, R31ECM  
 SPUD: 11/08/55 COMP: 11/55  
 CURRENT STATUS: P&A (05-01)  
 Original Well Name: Federal Trigg #10-9

**KB = 4,160'**  
**GL = 4,158'**  
**API = 30-005-01011**

11" 13 3/8" 44# @ 90' Capped well w/ 10 sx cement at the surface.  
 cmt'd w/ 50 sx  
 Perf'd @ 180'. Circulated 100 sx Class C up 5 1/2" x 13 3/8" annulus.  
 Tag TOC @ ?

Note: 8 5/8" casing was set @ 1075' during drilling operation but was subsequently pulled after the well was drilled to TD.

7 7/8" Perf'd @ 1400'. Squeeze cmt'd w/ 75 sx Class C. Tag TOC @ ?

TOC @ 2095' +/- (Calc)

CIBP @ 2700' w/ 25 sx cmt plug from 2700' - 2500'.  
 5-1/2" 14# J-55 @ 2775'  
 cmt'd. w/ 100 sx (DNC)  
Top of Queen @ ?:  
 Queen Open Hole: 2775' - 2796' (11-55)

PBTD - 2796'  
 TD - 2796'

**Well History: Trigg Federal No. 10**

**(11-55) - Initial Completion:** Fracture stimulated w/ 13,000 gal oil frac and 18,000# sand @ 13 BPM and 2400 psi max STP. Put well on production.

**(04-61) - Convert to injector:** CO to TD @ 2796'. Ran 2 3/8" 4.7# J-55 cmt lined injection tubing and Howco R-3 packer and set @ 2498'. 200 BWPD injection rate.

**(10-61) - Workover:** Fracture stimulated w/ 10,000 gal water frac and 10,000# sand @ 28.9 BPM and 2100 psi max STP. Ran 2 3/8" 4.7 # J-55 cmt lined injection tubing and Howco R-3 packer and set @ 2252'. RWTI.

**(10-62) - Workover:** Pumped 18 tons of CO2 down tubing @ 1600 psi.

**(04-71) - Shut-in Well:** Pumped 50 sx cement plug down cmt lined tubing and displaced w/ 5 bbls of fresh water.

**(11-82) - Workover:** Pulled tubing and packer. Ran 2 3/8" 4.7# J-55 IPC injection tubing and Baker packer and set @ 2160'. RWTI.

**(05-01) - P&A Well:**

# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 02, 2007  
BY: JEA  
WELL: 11  
STATE: New Mexico

Location: 1980' FNL & 1980' FEL, Sec 9G, T14S, R31ECM

SPUD: 01/11/56 COMP: 01/56

CURRENT STATUS: P&A (08-01)

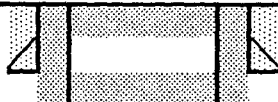
Original Well Name: Federal Trigg #11-9

KB = 4,190'

GL = 4,189'

API = 30-005-01012

11"



Cap well w/ 10 sx cement plug from 30' to surface.

8-5/8" 24# J-55 @ 101' cmt'd w/ 50 sx (Circ)

Perf'd 6 holes @ 180'. Circulated 100sx Class C up 5 1/2" x 8 5/8" annulus.

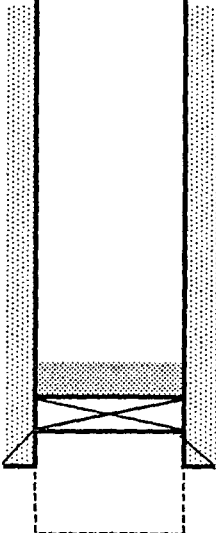
Tag TOC @ 71'.

7 7/8"



Perf'd 6 holes @ 1400'. Squeeze cmt'd w/ 75 sx Class C. Tag TOC @ 1225'.

TOC @ ?



CIBP @ 2700' w/ 25 sx cmt plug. Tag TOC @ 2430'.

5-1/2" 14# J-55 @ 2785'

cmt'd. w/ 100 sx (DNC)

Top of Queen @ ?

Queen Open Hole: 2785' - 2806' (01-56)

PBTD - 2806'  
TD - 2806'

**Well History: Trigg Federal No. 11**

**(01-56) - Initial Completion:** Fracture stimulated w/ 15,000 gal oil frac and 20,000# sand @ 16 BPM and 2500 psi max STP. Put well on production.

**(11-56) - Workover:** Fracture stimulated w/ 30,000 gal oil frac and 40,000# sand @ 36.1 BPM and 2550 psi max STP. RWTP.

**(03-67) - Workover:** Mud anchor broke off and unable to fish out of open hole.

**(08-01) - P&A Well:**

# CELERO ENERGY

|             |               |        |               |
|-------------|---------------|--------|---------------|
| FIELD:      | Caprock       | DATE:  | Jun. 27, 2007 |
| LEASE/UNIT: | Trigg Federal | BY:    | JEA           |
| COUNTY:     | Chaves        | WELL:  | 14            |
|             |               | STATE: | New Mexico    |

Location: 2310' FSL & 1650' FEL, Sec 4J, T14S, R31ECM

KB = 4195'

SPUD: 06/01/58 COMP: 06/58

GL = 4191'

CURRENT STATUS: P&A (1-86)

API = 30-005-00983

Original Well Name: Federal Trigg #7-4

11" Pumped 200 sx cmt down 5 1/2" x 8 5/8" casing annulus  
8-5/8" 24# J-55 @ 93'  
cmt'd. w/ 50 sx (Circ)

Casing parted @ 1025'. Pumped 100 sx cmt down 5 1/2" casing.

7 7/8"

TOC @ 2115' +/- (Calc)

5-1/2" 14# J-55 @ 2796'  
cmt'd. w/ 100 sx (DNC)  
Top of Queen @ 2803':  
Queen Open Hole: 2803' - 2813' (06-58)

PBTD - 2813'  
TD - 2813'

7/30/2007

Trigg Federal #14

**Well History: Trigg Federal No. 14**

**(06-58) - Initial Completion:** Put well on production, IP 48 BOPD/ 0 BWPD.

**(03-60) - Convert to Injector:** Ran 2 3/8" 4.7# IPC injection tubing and Guiberson tension packer and set @ 2717'.

**(09-62) - Workover:** Fracture stimulated w/ 16,800 gal riverfrac, 15,000# 20-40 sand and 5,000# 10-20 sand @ 30.3 BPM and 1850 psi STP.

**(01-86) - P&A Well:** Casing parted @ 1025'.

# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 03, 2007  
BY: JEA  
WELL: 17  
STATE: New Mexico

Location: 660' FSL & 1980' FWL, Sec 9N, T14S, R31ECM

SPUD: 06/17/55 COMP: 07/55

CURRENT STATUS: P&A (05-01)

Original Well Name: Federal Trigg #17-9

KB = 4,154'

GL = 4,152'

API = 30-005-01014

13 3/8" 44# @ 90'  
cmt'd w/ 50 sx

Perf'd @ 180'. Circulated 130 sx Class C up 5 1/2" x 13 3/8" annulus.

Note: 8 5/8" casing was set @ 1148' during drilling operation but was subsequently pulled after the well was drilled to TD.

Perf'd @ 1400'. Squeeze cmt'd w/ 75 sx Class C. Tag TOC @ 1262'.

7 7/8"

TOC @ 2100' +/- (Calc)

Spotted 25 sx cmt plug @ 2400'. Tag TOC @ 2131'.

5-1/2" 14# J-55 @ 2781'

cmt'd. w/ 100 sx (DNC)

Top of Queen @ ?

Queen Open Hole: 2789' - 2803' (06-55)

PBTD - 2803'  
TD - 2803'

7/30/2007

Trigg Federal #17

**Well History:**                      **Trigg Federal No. 17**

**(06-55) - Initial Completion:**                      Fracture stimulated w/ 10,000 gal oil frac and 15,000# sand @ 12 BPM and 2100 psi max STP. Put well on production, IP 120 BOPD/ 0 BWPD.

**(04-63) - Convert to injector:**                      Ran 2 3/8" 4.7# J-55 cmt lined injection tubing and Howco R-3 packer and set @ 2390'. 400 BWPD injection rate.

**(05-01) - P&A Well:**

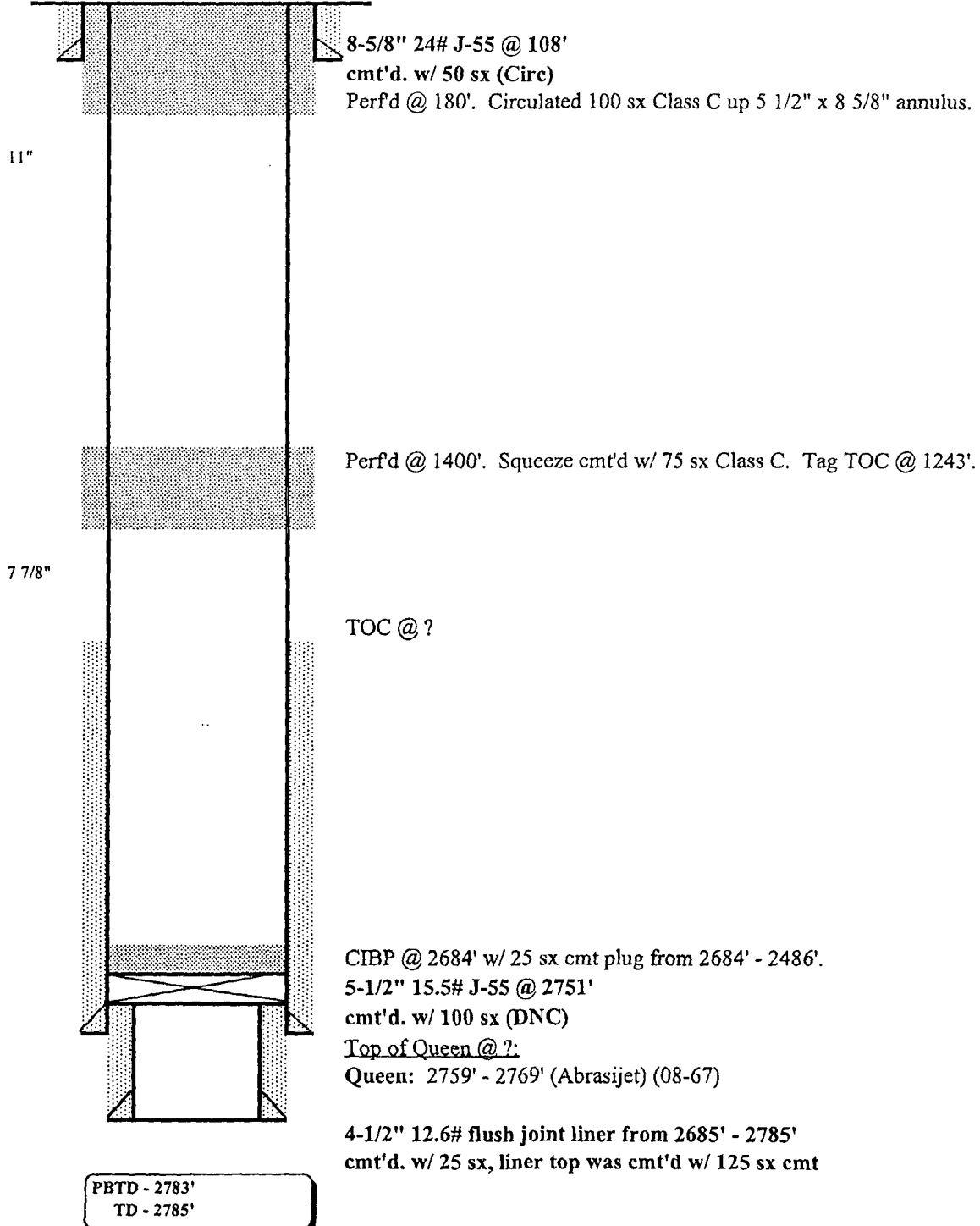
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 03, 2007  
BY: JEA  
WELL: 18  
STATE: New Mexico

Location: 1980' FSL & 1980' FWL, Sec 9K, T14S, R31ECM  
SPUD: 05/13/57 COMP: 05/57  
CURRENT STATUS: P&A (06-01)  
Original Well Name: Federal Trigg #18-9

KB = 4,137'  
GL = 4,131'  
API = 30-005-01015



7/30/2007

Trigg Federal #18

**Well History:**

**Trigg Federal No. 18**

**(05-57) - Initial Completion:** Fracture stimulated w/ 20,000 gal oil frac and 23,000# sand @ 20.5 BPM and 2600 psi max STP. Put well on production, IP 53 BOPD/ 0 BWPD.

**(12-65) - Workover:** Fracture stimulated w/ 20,000 gal oil frac and 40,000# sand @ 21.5 BPM and 2700 psi max STP. RWTP.

**(03-66) - Workover:** Abrasijet (sand jet) 2758' - 2771'. Fracture stimulated w/ 21,540 gal water frac and 14,000# sand @ 24.9 BPM and 2400 - 2800 psi STP. RWTP.

**(08-67) - Workover:** CO and DO well to new TD @ 2785'. Squeeze cemented off open hole w/ 850 sx cement in four attempts and one attempt w/ 3000 gal zone lock. Drilled out cement to 2785' Ran 4 1/2" 12.6# flush joint liner from 2685' - 2785' and cemented w/ 25 sx Class A cement. Squeeze cemented top of liner w/ 125 sx cmt. DO cement in liner to PBTD @ 2783'. Abrasijet 2759' - 2769'. Fracture stimulated w/ 19,740 gal water frac and 10,000# 20-40 sand and 5,000# 16-20 sand @ 8.9 BPM and 3000 psi STP. RWTP.

**(06-01) - P&A Well:**

# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 02, 2007  
BY: JEA  
WELL: 19  
STATE: New Mexico

Location: 1980' FNL & 1980' FWL, Sec 9F, T14S, R31ECM  
SPUD: 05/23/57 COMP: 06/57  
CURRENT STATUS: P&A (06-01)  
Original Well Name: Federal Trigg #19-9

KB = 4,164'  
GL = 4,158'  
API = 30-005-01016

11"



8-5/8" 24# J-55 @ 107' cmt't w/ 50 sx

Perf'd 4 holes @ 110'. Circulated 65 sx Class C cmt up 5 1/2" x 8 5/8" annulus.

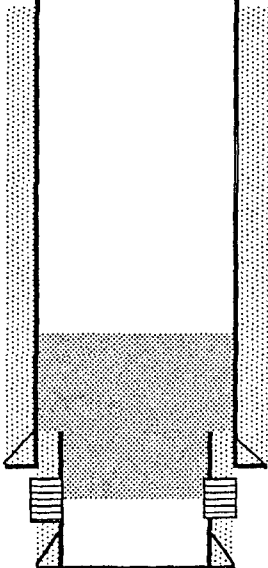
Perf'd 4 holes @ 180'. Squeeze cmt'd w/ 250sx Class C. Tag TOC @ 110'.

7 7/8"



Perf'd 4 holes @ 1400'. Squeeze cmt'd w/ 75 sx Class C. Tag TOC @ 1272'.

TOC @ 2090' +/- (Calc)



Squeezed 160 sx Class C cement into Queen formation. Tag TOC @ 2250'.

5-1/2" 14# J-55 @ 2767'

cmt'd. w/ 100 sx (DNC)

Top of Queen @ ?:

Queen: 2773' - 2778' (AbrasiJet) (04-62)

4-1/2" 11.6# H-Flush 2733' - 2799'

cmt't w/ ? sx

PBTD - '  
TD - 2799'

**Well History:**

**Trigg Federal No. 19**

**(06-57) - Initial Completion:** Fracture stimulated w/ 10,000 gal oil frac and 5,000# sand @ 20 BPM. Put well on production, IP 65 BOPD/ 0 BWPD.

**(04-61) - Convert to Injector:** Ran 2 3/8" 4.7# J-55 injection tubing and Howco R-3 packer and set @ 2096'.

**(10-61) - Workover:** Fracture stimulated w/ 11,000 gal water frac and 15,000# sand @ 24.1 BPM and 2150 psi max STP. RWTI.

**(12-61) - Workover:** Fracture stimulated w/ 20,000 gal water frac and 40,000# sand @ 22.8 BPM and 2100 psi max STP. RWTI.

**(04-62) - Workover:** CO and DO to new TD @ 2799'. Ran 4 1/2" 11.6# H-Flush liner from 2733' - 2799' and cemented w/ ? sx cement. Abrasijet (sand jet) 2773' - 2778'. Fracture stimulated w/ 21,000 gal water frac and 22,000# sand @ 24.1 BPM and 2150 psi max STP. RWTI.

**(06-01) - P&A Well:**

# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 02, 2007  
BY: JEA  
WELL: 20  
STATE: New Mexico

Location: 660' FNL & 1980' FWL, Sec 9C, T14S, R31ECM  
SPUD: 03/59 COMP: 03/59  
CURRENT STATUS: P&A (4/87)  
Original Well Name: Federal Trigg #20-9

KB = 4,146'  
GL = 4,142'  
API = 30-005-01017

11"

8-5/8" 24# J-55 @ 101'  
cmt'd. w/ 50 sx

150 sx cement was pumped down 4 1/2" casing to P&A the wellbore.  
There is a hole in the casing @ 1050' and there may be 2 3/8" injection  
tubing and packer left in the bottom of the wellbore.

7 7/8"

TOC @ 2159'

Top of Queen @ ?'  
Queen: 2738' - 2751' (? spf) (03-59)

4-1/2" 9.5# J-55 @ 2763'  
cmt'd. w/ 100 sx (DNC)

PBTD - 2760'  
TD - 2764'

**Well History: Trigg Federal No. 20**

(03-59) - Initial Completion: Perforated 2738' - 2751' (? SPF). Fracture stimulated w/ 7,000 gal oil and 12,000# sand @ 16.2 BPM. Acidized w/ 750 gal MCA acid @ 3.8 BPM. Put well on production.

(01-62) - Shut-in Well: 100% water cut.

(09-77) - Convert to Injector: Ran 2 3/8" 4.7# J-55 injection tubing w/ Baker tension packer set @ 2728'.

(04-87) - P&A Well:

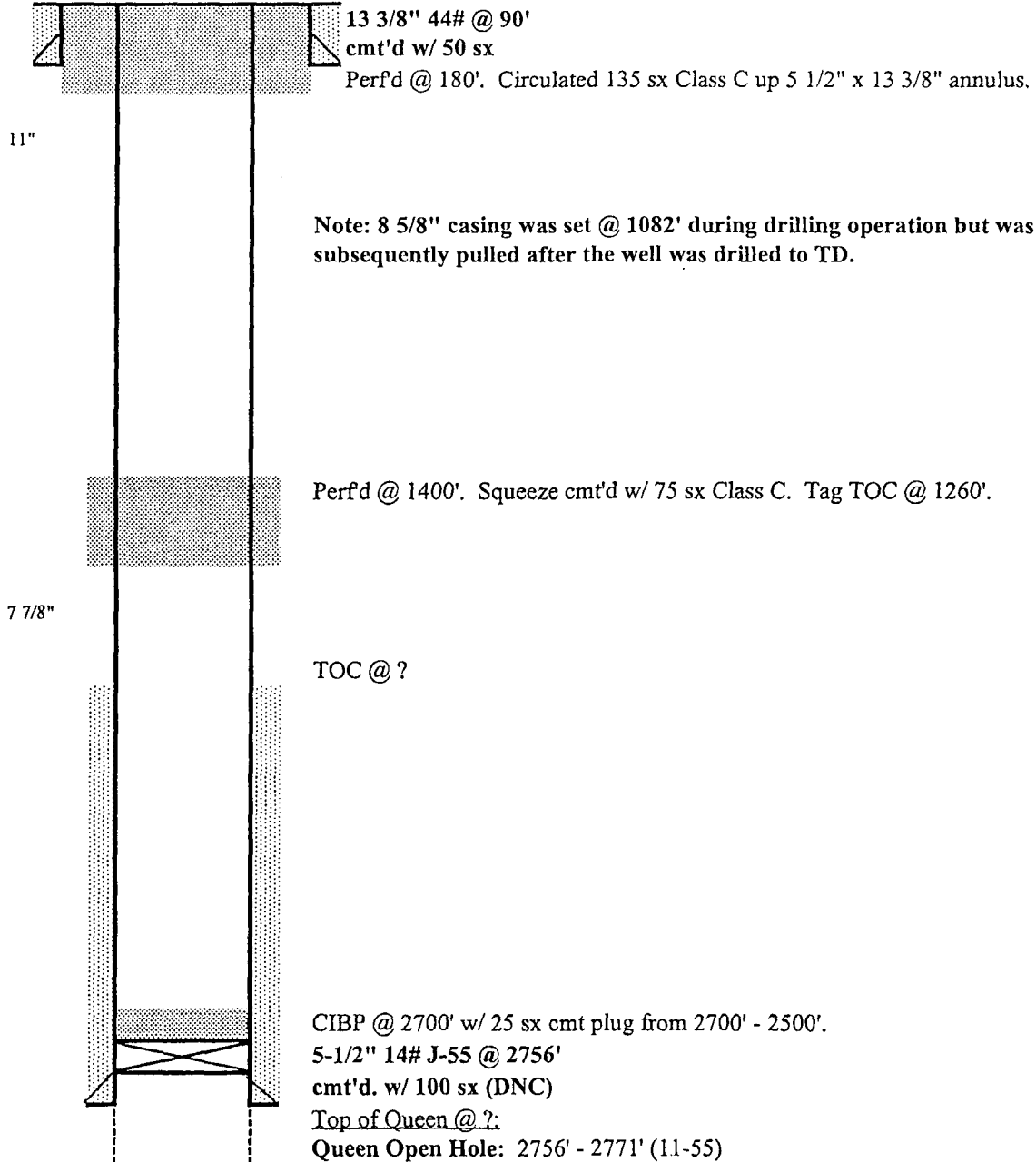
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 03, 2007  
BY: JEA  
WELL: 25  
STATE: New Mexico

Location: 660' FSL & 660' FWL, Sec 9M, T14S, R31ECM  
SPUD: 10/16/55 COMP: 11/55  
CURRENT STATUS: P&A (05-01)  
Original Well Name: Federal Trigg #25-9

KB = 4,137'  
GL = 4,135'  
API = 30-005-01018



**Well History: Trigg Federal No. 25**

**(11-55) - Initial Completion:** Fracture stimulated w/ 10,000 gal oil frac and 15,000# sand @ 13.6 BPM and 2200 psi max STP. Put well on production.

**(05-01) - P&A Well:**

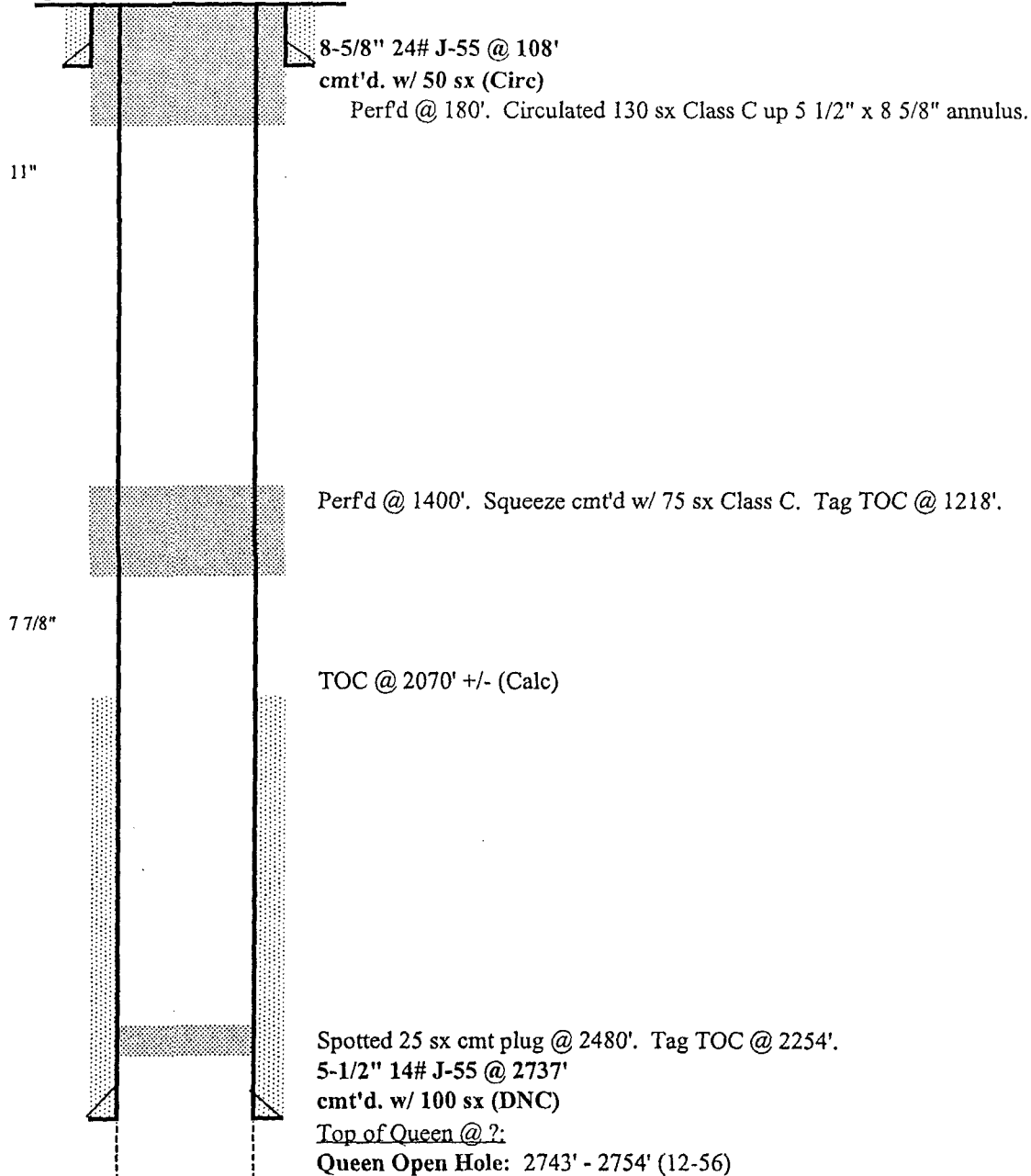
# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 03, 2007  
BY: JEA  
WELL: 26  
STATE: New Mexico

Location: 1980' FSL & 660' FWL, Sec 9L, T14S, R31ECM  
SPUD: 12/17/56 COMP: 12/56  
CURRENT STATUS: P&A (06-01)  
Original Well Name: Federal Trigg #26-9

KB = 4,126'  
GL = 4,120'  
API = 30-005-01019



**Well History: Trigg Federal No. 26**

**(12-56) - Initial Completion:** Fracture stimulated w/ 73,000 gal oil frac and 90,000# sand @ 30 BPM and 2350 psi max STP. Put well on production, IP 110 BOPD/ 0 BWPD.

**(04-63) - Convert to injector:** Ran 2 3/8" 4.7# J-55 cmt lined injection tubing and Howco R-3 packer and set @ 2485'. 400 BWPD injection rate.

**(04-71) - Shut-in Well:** Pumped 50 sx cement plug down cmt lined tubing and displaced w/ 5 bbls of fresh water.

**(06-01) - P&A Well:**

# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 02, 2007  
BY: JEA  
WELL: 27  
STATE: New Mexico

Location: 1980' FNL & 660' FWL, Sec 9E, T14S, R31ECM

SPUD: 12/05/56 COMP: 12/56

CURRENT STATUS: P&A (06-01)

Original Well Name: Federal Trigg #27-9

KB = 4,135'

GL = 4,129'

API = 30-005-01020

8-5/8" 24# J-55 @ 120' cmt'd w/ 50 sx  
Perfd @ 120'. Circulated 100sx Class C cement up 5 1/2" x 8 5/8" annulus.  
Perfd @ 180'. Squeeze cemented w/ 100sx Class C. Tag TOC @ 130'.

11"

Perfd @ 1400'. Squeeze cemented w/ 75 sx Class C. Tag TOC @ 1220'.

7 7/8"

TOC @ ?

CIBP @ 2700' w/ 25 sx cmt plug from 2700' - 2500'.

5-1/2" 14# J-55 @ 2735'

cmt'd. w/ 100 sx (DNC)

Top of Queen @ ?

Queen Open Hole: 2739' - 2750' (12-56)

PBTD - 2850'  
TD - 2850'

7/30/2007

Trigg Federal #27

Well History: Trigg Federal No. 27

(12-56) - Initial Completion: Fracture stimulated w/ 20,000 gal oil frac and 30,000# 20-40 sand @  
24.5 BPM and 2100 - 2200 psi STP. Put well on production, IP 72 BOPD/ 0 BWPD.

(06-01) - P&A Well:

# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 05, 2007  
BY: JEA  
WELL: 34  
STATE: New Mexico

Location: 1650' FSL & 330' FEL, Sec 5I, T14S, R31ECM

SPUD: 06/16/59 COMP: 07/59

CURRENT STATUS: P&A (6/62)

Original Well Name: Federal Trigg #34-5

KB = 4,116'

GL = 4,112'

API = 30-005-00995

11"  Spotted 4 sx cement plug from 20' - surface.  
8-5/8" 24# J-55 @ 101'  
cmt'd. w/ 50 sx

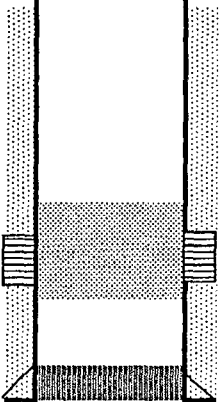
 Spotted 16 sx cement plug from 1175' - 1125'.

7 7/8"

 Spotted 16 sx cement plug from 1815' - 1765'.

 Cut off and pulled 4 1/2" casing @ 2000'.

TOC @ 2210' +/- (Calc)



Spotted 20 sx cement plug from 2724' - 2649'.

Top of Queen @ ?'

Queen: 2696' - 2710' (? spf) (07-59)

4-1/2" 9.5# J-55 @ 2729'  
cmt'd. w/ 100 sx (DNC)

PBTD - '  
TD - 2729'

Well History: Trigg Federal No. 34

(07-59) - Initial Completion: Perforated 2696' - 2710' (? SPF). Fracture stimulated w/ 18,270 gal water frac and 27,500# 20-40 sand @ 11.5 BPM and 1400 - 2800 psi STP. Put well on injection.

(06-62) - P&A Well:

# CELERO ENERGY

FIELD: Caprock  
LEASE/UNIT: Trigg Federal  
COUNTY: Chaves

DATE: Jul. 05, 2007  
BY: JEA  
WELL: 36  
STATE: New Mexico

Location: 335' FNL & 330' FEL, Sec 5A, T14S, R31ECM

SPUD: 06/07/59 COMP: 07/59

CURRENT STATUS: P&A (6/62)

Original Well Name: Federal Trigg #36-5

KB = 4,115'

GL = 4,109'

API = 30-005-00997

11" Spotted 4 sx cement plug from 12' - surface.  
8-5/8" 24# J-55 @ 101'  
cmt'd. w/ 50 sx

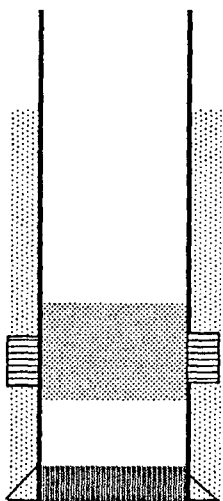


Spotted 16 sx cement plug from 1175' - 1125'.

7 7/8"



Spotted 16 sx cement plug from 1815' - 1765'.



Cut off and pulled 4 1/2" casing @ 1850'.

TOC @ 2210' +/- (Calc)

Spotted 20 sx cement plug from 2721' - 2646'.

Top of Queen @ ?'

Queen: 2691' - 2704' (? spf) (07-59)

4-1/2" 9.5# J-55 @ 2726'  
cmt'd. w/ 100 sx (DNC)

PBTD - '  
TD - 2726'

**Well History:**                      **Trigg Federal No. 36**

**(07-59) - Initial Completion:**                      Perforated 2691' - 2704' (? SPF). Fracture stimulated w/ 18,400 gal water frac and 19,000# 20-40 sand @ 8.7 BPM and 2200 - 2750 psi STP. Put well on injection.

**(06-62) - P&A Well:**

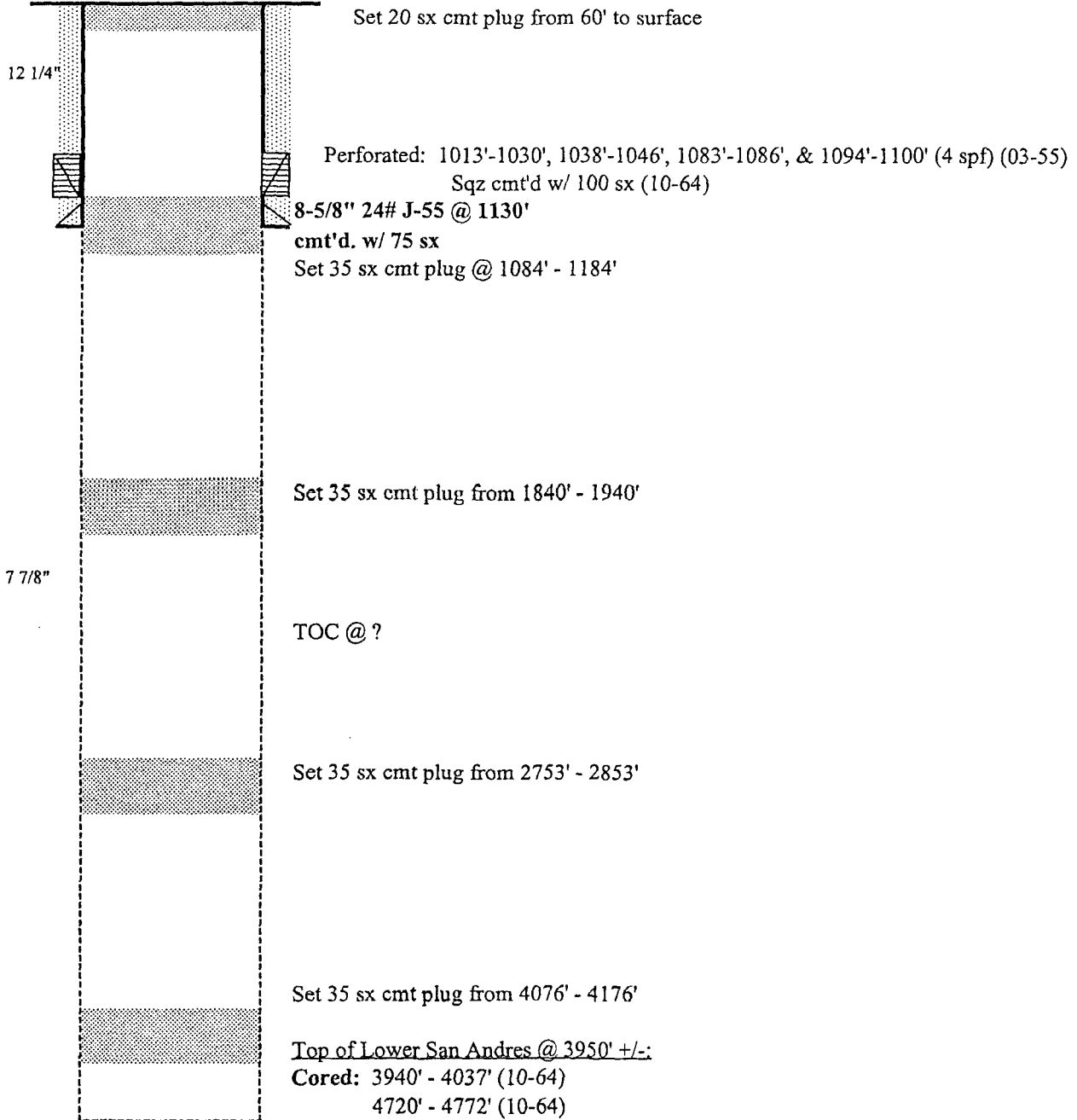
# CELERO ENERGY

**FIELD:** Caprock  
**LEASE/UNIT:** Trigg Federal  
**COUNTY:** Chaves

**DATE:** Jun. 29, 2007  
**BY:** JEA  
**WELL:** 38  
**STATE:** New Mexico

Location: 990' FSL & 1917' FEL, Sec 4O, T14S, R31ECM  
 SPUD: 02/25/55 COMP: 03/55  
 CURRENT STATUS: D&A (10-64)  
 Original Well Name: Federal Trigg #38-4

KB = 4191.5'  
 GL =  
 API = 30-005-10159



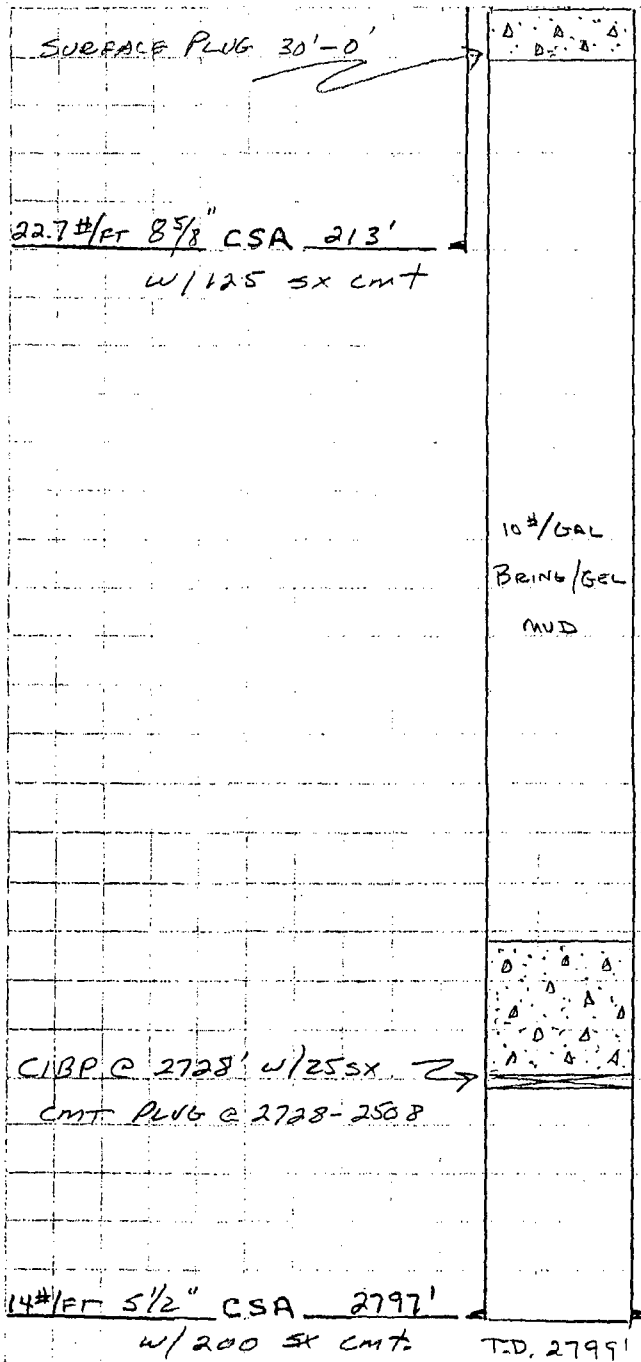
PBTD - 4150'  
 TD - 4806'

**Well History:**                      **Trigg Federal No. 38**

**(03-55) - D&A:**                      Perforated 1013' - 1030', 1038' - 1046', 1083' - 1086', 1094' - 1100' (4 SPF) and tested. Plugged and abandoned well.

**(10-64) - Re-enter Well:**                      Re-entered and drilled well to 3940'. Cored Lower San Andres from 3940' - 4037' and 4720' - 4772'. Drilled to TD @ 4806'. Plug and abandon well.

Subject UNIT DRICKEY QUEEN FIELD CAPROCK Date \_\_\_\_\_  
WELL 33N (T-14-1) LOCATION 13S 31E 33N Sheet \_\_\_\_\_ of \_\_\_\_\_  
CURRENT STATUS PXA INJECTOR Project No. \_\_\_\_\_  
 By \_\_\_\_\_



MEAS. DATUM: 4174 DF  
 KB ELEV: DF GR. ELEV: 4165

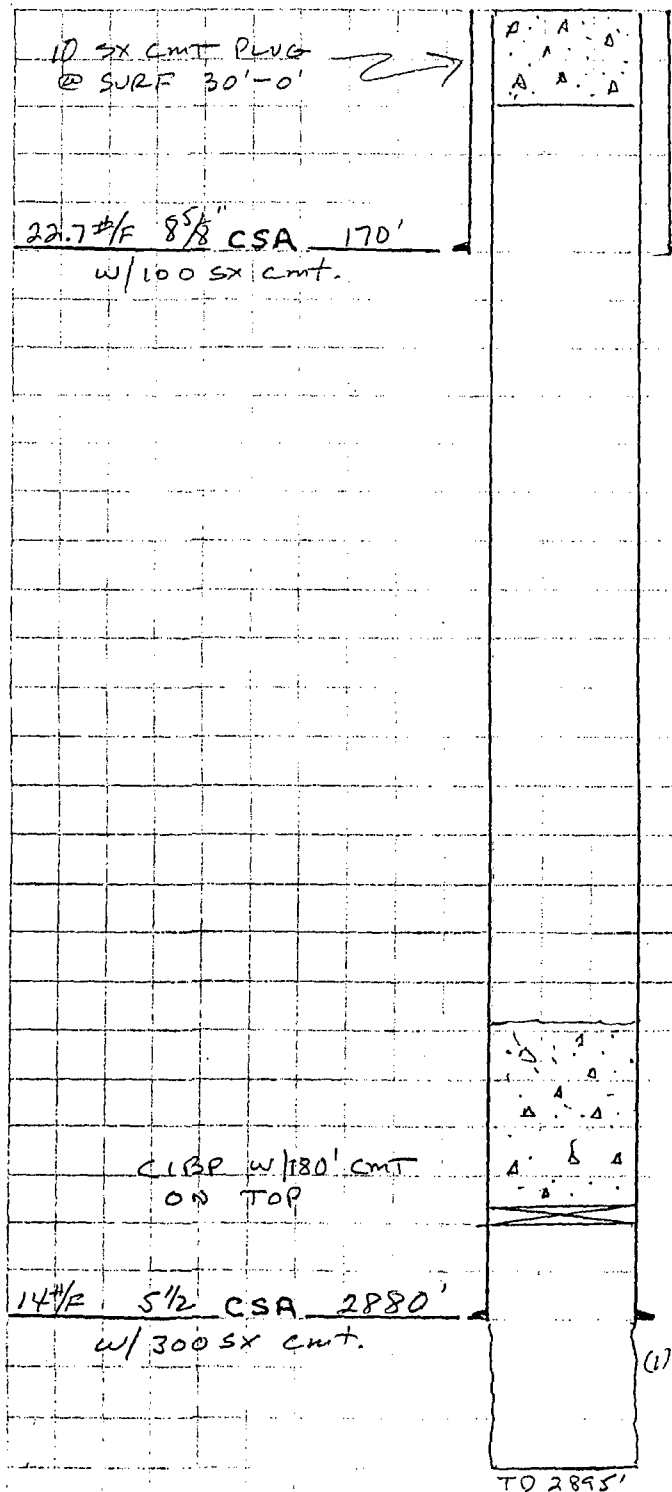
6-12-70 PXA BY CITIES SERVICE  
CIBP SET @ 2728' W/25 SX CMT PLUG  
ON TOP OF B.P. @ 2728-2508'. LOADED  
HOLE W/MUD. SET 10 SX CMT PLUG  
30'-0 W/PXA MARKER

TOP QUEEN SAND @ 2771'

(1) 6/2/55 ORIG. COMP. THRU PERFS  
 2774-2778'.  
 IPP: 132 BOPD, 36°API NATURAL

(2) 8-26-61 CONVERTED TO WIW. INJECT.  
 INTO PERFS THRU 2 3/8" TBG, IPC,  
 & PKR SET @ 2769.

Subject UNIT DRICKEY QUEEN FIELD CARROCK Date \_\_\_\_\_  
WELL 3L (T-6-21) LOCATION 145 31E 3L Sheet \_\_\_\_\_ of \_\_\_\_\_  
 CURRENT STATUS PXA INJECTOR (PXA EARLY 1983?) Project No. \_\_\_\_\_  
 By \_\_\_\_\_



MEAS. DATUM: 4277 DF

KB ELEV: DF GR. ELEV: \_\_\_\_\_

12/1/82, GENERAL OPERATING CO.  
 (THEN OPERATOR) FILED INTENT TO  
 PLUG. WELL IS PLUGGED BUT NO  
 PLUGGING DATA WAS FILED BY THE  
 OPERATOR. IF CONVENTIONAL PLUGGING  
 PROCEDURE WAS USED THEN ONE  
 WOULD EXPECT C CIBP w/± 180'  
 CMT ON TOP, MUD IN THE CASING  
 AND A 30' CMT PLUG AT THE  
 SURFACE. THIS ASSUMES NO 5 1/2"  
 CASING WAS PULLED.

TOP QUEEN SAND @ 2881' (1' BELOW CSG SHOE)

(1) 12/12/54 ORIG COMP IN OH HOLE  
 SEC 2881'-2895'. TREATED OH w/  
 20,000 GALS OIL & 10,000 LBS SAND  
 IPP 166 BPLOPD, 37.2° API

(2) ESTIMATE WELL PXA  
 EARLY 1983. (SEE ABOVE)

## ENGINEERING DATA

|         |                    |              |                |             |
|---------|--------------------|--------------|----------------|-------------|
| Subject | UNIT DRICKEY QUEEN | FIELD        | CAPROCK        | Date        |
|         | WELL 15C (T-48-1)  | LOCATION     | 14S 31E 15C    | Sheet of    |
|         | CURRENT STATUS     | PXA PRODUCER | (PXA 11/12/70) | Project No. |
|         |                    |              |                | By          |

10 SX SURF CMT PLUG  
30'-0'

MEAS. DATUM: 4829 G.L.

KB ELEV: GR. ELEV: 4829

- NO SURF. CSG - CSA  
(NO ADDITIONAL DATA)

11-12-70 PXA BY CITIES SERVICE  
CIBP SET @ 2700' w/ 25 SX CMT PLUG  
ON TOP FROM 2700 - 2875'. LOADED HOLE  
w/ MUD. SET 10 SX CMT PLUG @ SURF  
30'-0' w/ PXA MARKER  
NO PIPE PULLED

CIBP @ 2700' w/ 25 SX  
CMT PLUG ON TOP

20# / FT 7" CSA 2857'  
w/ 125 SX CMT.

TOP QUEEN SN @ 2855'

TD 2870'

(1) 2-9-54 ORIG COMP. IN OPEN HOLE  
SECTION 2855' - 2870'.

IPP: 42 BPLOPD, 35° API NATURAL  
LAST PROD: 7/69 @ 4 BOPD

Subject

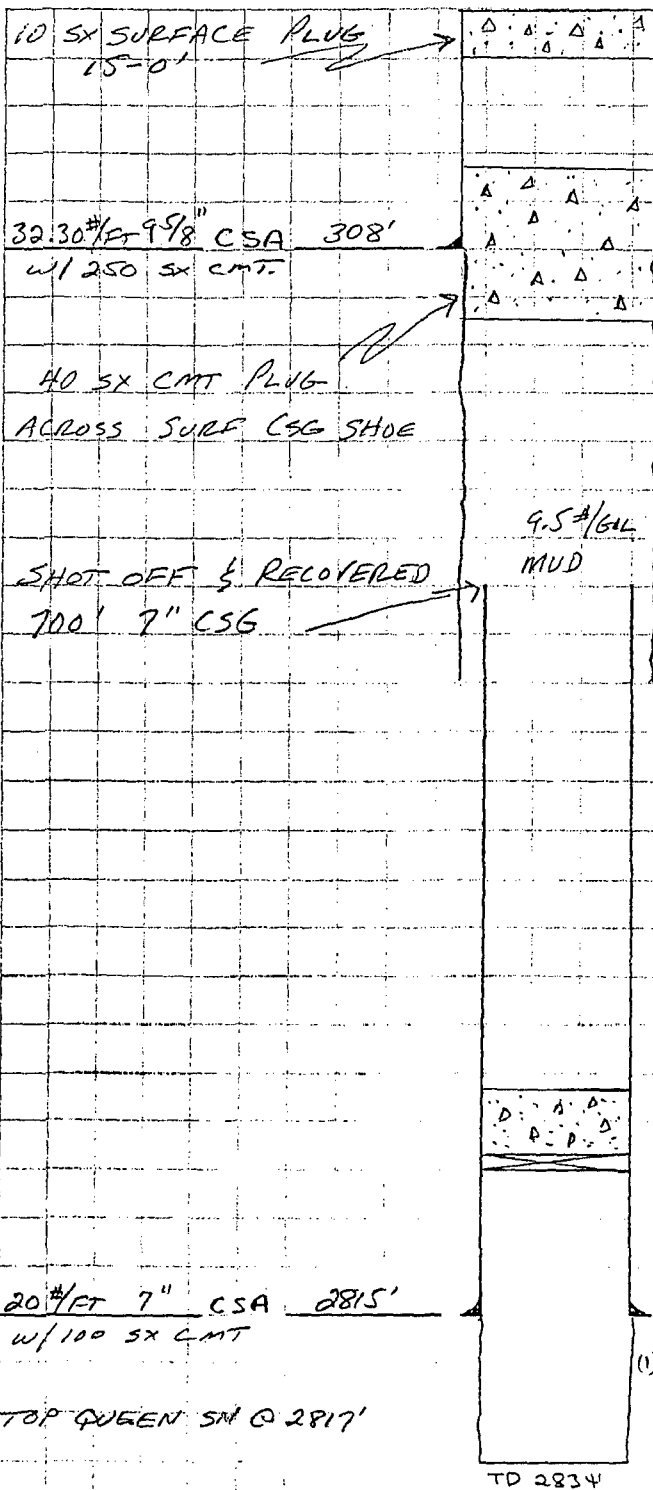
UNIT DRICKEY QUEEN FIELD CAPROCK  
 WELL 16C (T-41-1) LOCATION 14S 31E 16C  
 CURRENT STATUS PxA PRODUCER (PxA 2/12/74)

Date

Sheet of

Project No.

By



MEAS. DATUM: 4186 @ TOP TOG HD.

KB ELEV: 4195' GR ELEV: 4184'

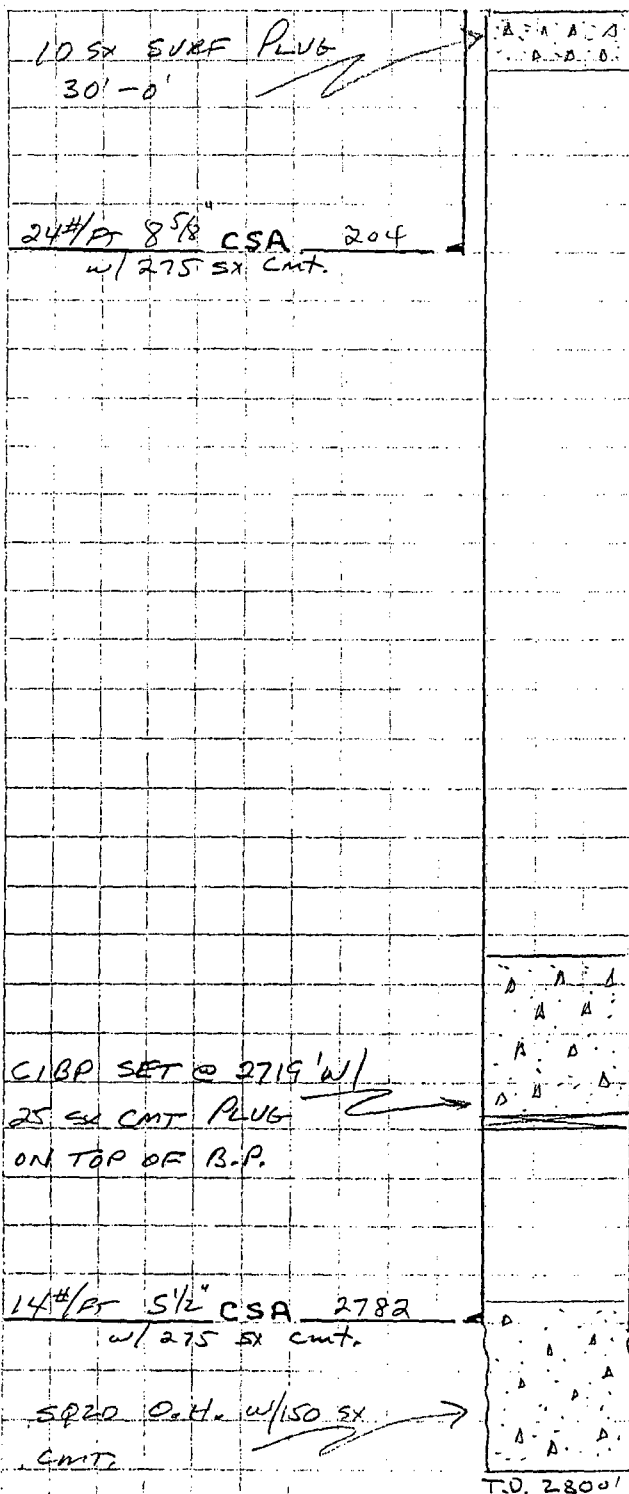
2-12-74 PxA By GUEST &amp; WOLFSON

CIBP @ 2502' w/ 5 SX CMT ON TOP B.P.  
 LOADED HOLE w/ MUD. SHOT & RECOVERED  
 700' OF 7" CSG. SPOTTED 40 SX PLUG  
 ACROSS 9 5/8" CSG SHOE, SET 10 SX  
 CMT PLUG AT SURF 15'-0'.

(1) 5-18-55 ORIG COMP IN OPEN HOLE  
 SECTION 2817-2834'. FRACED w/ 6000  
 GALS LSE OIL & 6000 # SAND.  
 IPP: 132 BPLOPD, 34.6° API

LAST PROD: 2/71 @ 5 BOPD

Subject UNIT DRICKEY QUEEN FIELD CAPROCK Date \_\_\_\_\_  
WELL 16D (T-34-1) LOCATION 14S 31E 16D Sheet ci  
CURRENT STATUS PXA INJECTOR (PXA 11/20/70) Project No. \_\_\_\_\_  
 By \_\_\_\_\_



MEAS. DATUM: 4154

KB ELEV: 4154 GR. ELEV: 4146

11/20/70 PXA BY CITIES SERVICE

SQZD OPEN HOLE 2782-2800' w/ 150

SX. CMT. SET CIBP @ 2717' w/ 25 SX

CMT PLUG ON TOP OF B.P. @ 2719-2800

LOADED HOLE w/ MUD. SET 10 SX CMT PLUG

@ SURF 30'-0'.

TOP QUEEN SAND @ 2785' (3' BELOW CSG SHOE)

(1) 6/27/55 ORIG COMP IN OPEN HOLE

SECTION 2785'-2800' SAND FRA

w/ 10000 GALS LSE OIL &amp; 10000#

SAND: 1PF: 978 BOPD, 35.6° AP.

GOR: 130/1, LAST PROD: 6/63-1

(2) 7/13/63 CONVERTED TO WATER

INJECTION. INJECTED INTO O.H

THRU 2 3/8" TBG ON PKR @ 2735'

LAST INJECTION

PXA = 11/20/70

Subject

UNIT DRICKEY QUEEN FIELD CAPROCK

Date

WELL 16E (T-27-1)

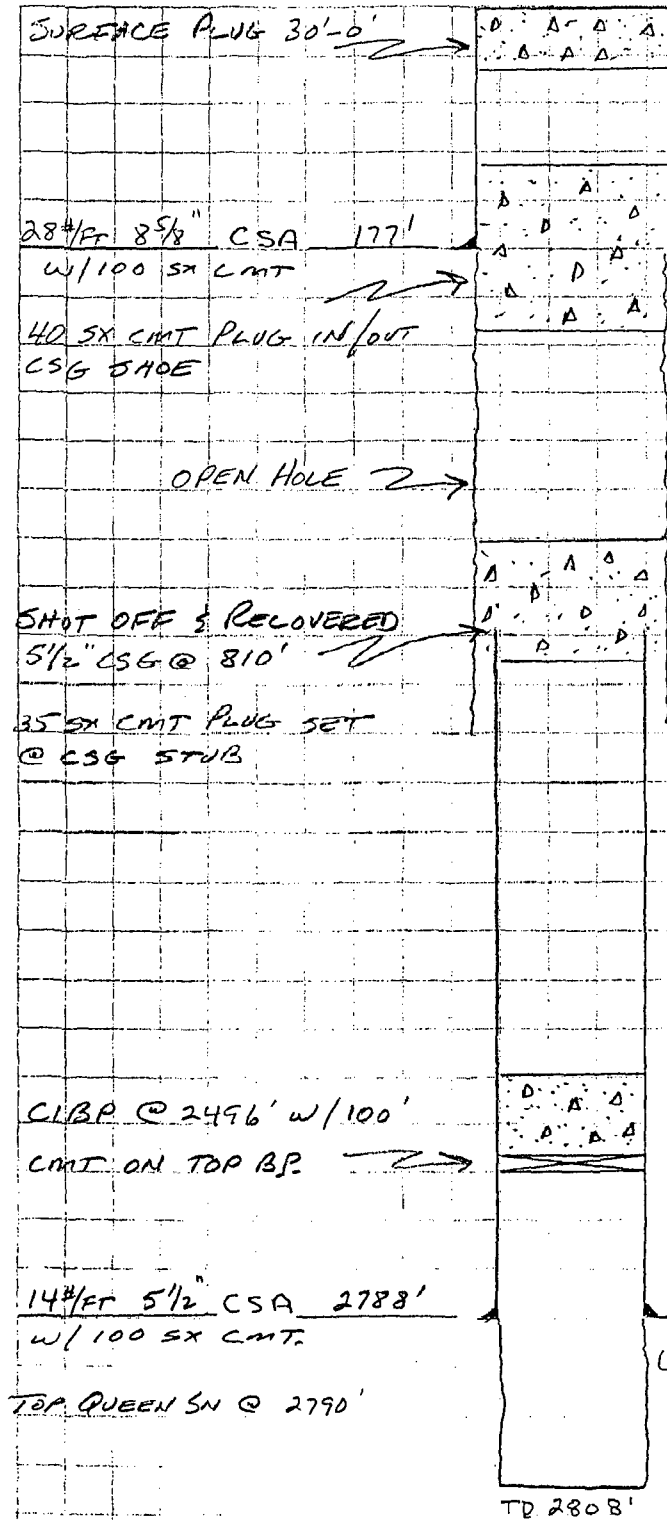
LOCATION 14S 31E 16E

Sheet of

CURRENT STATUS PXA PRODUCER (PXA 3/20/74)

Project No.

By



MEAS. DATUM: 4175'

KB ELEV: 4175 GR ELEV: 4166

3-20-74 PXA BY GUEST &amp; WOLFSON

CIBP SET @ 2496' W/ 5 SX. CMT

PLUG ON TOP B.P. @ 2496 - 2476'

SHOT &amp; RECOVERED 5 1/2" CSG AT 810'

SPOTTED 35 SX PLUG @ CSG STUB.

SPOTTED 40 SX PLUG IN/OUT SURF

CSG SHOE. SET 10 SX CMT PLUG

AT SURFACE 30'-0'.

- (1) 5-8-55 ORIG COMP IN OPEN HOLE  
SECTION 2790' - 2808'. FRACED W/  
8000 GALS OIL & 8000 # SAND.  
IPP: 166 BPLOPD, 36° API  
LAST PROD = 2171 @ 2 B/D

Subject UNIT DRICKEY QUEEN FIELD CAPROCK Date \_\_\_\_\_  
WELL 16F (T-23-1) LOCATION 14S 31E 16F Sheet \_\_\_\_\_ of \_\_\_\_\_  
CURRENT STATUS PXA INJECTOR (PXA 7/28/70) Project No. \_\_\_\_\_  
 By \_\_\_\_\_

10 SX SURFACE PLUG  
30'-0'

MEAS. DATUM: 4177 DF

KB ELEV: DF GR. ELEV: 4168'

36# FT 13 5/8" CSA 127  
w/125 SX CMT.

7-28-70 PXA BY CITIES SERVICE  
 SQZD O.H. w/75 SX CMT. SET CIBP  
 @ 2760' w/25 SX CMT PLUG ON TOP OF  
 B.P. @ 2760-2540'. LOADED HOLE w/MUD  
 SET 10 SX CMT PLUG @ SURF., 30'-0'

NOTED 8 5/8" CASING WAS  
 SET @ 1200'. USED CABLE  
 TOOLS TO DRILL FROM  
 1200' TO T.D. RECOVERED  
 8 5/8" BEFORE RUNNING  
 5 1/2" OIL STRING @ 2797'

CIBP @ 2760' w/120'  
CMT ON TOP

14# FT 5 1/2" CSA 2797  
w/100 SX CMT.

SQZD O.H. w/75  
SX CMT

TD 2847

TOP QUEEN SAND @ 2815' (18' BELOW CSG SHOE)

- (1) 2/3/55 ORIG COMP IN OPEN  
HOLE SECTION 2815'-2847'.  
SAND FRACED OH 2815-47'  
w/10000 GALS LSE OIL & 10000  
# SAND. IPP: 174 BOPD, 37°AP.  
LAST PROD: 2164 @ 2 B/D.
- (2) 3/3/64 CONVERTED TO WATER  
INJECTION. INJECT INTO O.H.  
THRU 2 3/8" TBG & PKR @ 2764'.

Subject UNIT WEST CAP FIELD CAPROCK Date \_\_\_\_\_  
WELL 8A (T-1-1) LOCATION 14S 31E 8A Sheet \_\_\_\_\_ of \_\_\_\_\_  
CURRENT STATUS PXA PRODUCER Project No. \_\_\_\_\_  
 By \_\_\_\_\_

MEAS. DATUM: 4111 DFKB ELEV: DF GR. ELEV: \_\_\_\_\_

24#/ft 8 5/8" CSA 101'  
w/150 sx cmt

(Casing  
 pulled)

14#/ft 5 1/2" CSA 2693  
w/150 sx cmt

TO 2714

TOP QUEEN SAND @ 2697' (4' BELOW CSG SHOE

1) 5-3-57 ORIG. COMP. THRU PERFS  
 IN 4 1/2" LINER 2707-2713' SAND  
 FRAC W/ 4000 GALS LSE OIL &  
 4000 # SAND.

1PF: 64 BOPD, 35.7° API, GOR  
 3623/1, 200 PSI FTP.

LAST PROD:

PXA:

Subject UNIT WEST CAP FIELD CAPROCK  
WELL 8H (T-1-1)? LOCATION 14S 31E 8H  
CURRENT STATUS ? PRODUCER

Date

Sheet of

Project No.

By

MEAS. DATUM: \_\_\_\_\_

KB ELEV: \_\_\_\_\_ GR. ELEV: \_\_\_\_\_

1 3/4" CSA 185  
w/200 SX CMT

*Casing pulled*

5 1/2 CSA 2705  
w/100 SX CMT.

TOP QUEEN SAND @ 2710 (5' BELOW CSG SHADE)

(1) 1/5/56 ORIG COMP IN OPEN  
 HOLE SECTION 2705-2721. TREATED  
 O.H. SECTION 2710-2721' w/8000  
 GALS LSE OIL, 4000# SAND  
 IP: 58 BOPD

(1)

TD 2721

## ENGINEERING DATA

|         |                 |                     |             |
|---------|-----------------|---------------------|-------------|
| Subject | UNIT WEST CAP   | FIELD CAPROCK       | Date        |
|         | WELL 8I (T-2-2) | LOCATION 14S 31E 8I | Sheet of    |
|         | CURRENT STATUS  | PXA PRODUCER        | Project No. |
|         |                 |                     | By          |

10 SX SURFACE PLUG

MEAS. DATUM: 4125 DF

KB ELEV: DF GR ELEV:

28.52 #/FT 10 3/4 CSA 217'

W/ 225 SX CMT

1-11-74 PXA BY CHAVOZ OIL, INC.

100 SX CMT PLUG

267-167'

SHOT & PULLED 7" CSG  
FROM 575'

75 SX CMT PLUG @ 625'-525'

20 SX CMT PLUG @ 1150-1050'

CIBP SET @ 2432' W/ 5

3X CMT TO 2412'

TOP QUEN SN @ 2695'

20 #/FT 7" CSA 2745'

W/ 200 SX CMT

TD 2745'

(1) 1-10-57 COMP THRU PERFS 2725-2735' TREATED PERFS W/ 250 GALS 15% MUD ACID, 10000 GALS OIL & 5000 # SAND.  
IPP: 169 BPLOPD 42.1° API

Subject

UNIT WEST CAP

FIELD CAPROCK

Date

WELL 80 (T-2-3)

LOCATION 145 31E 80

Sheet of

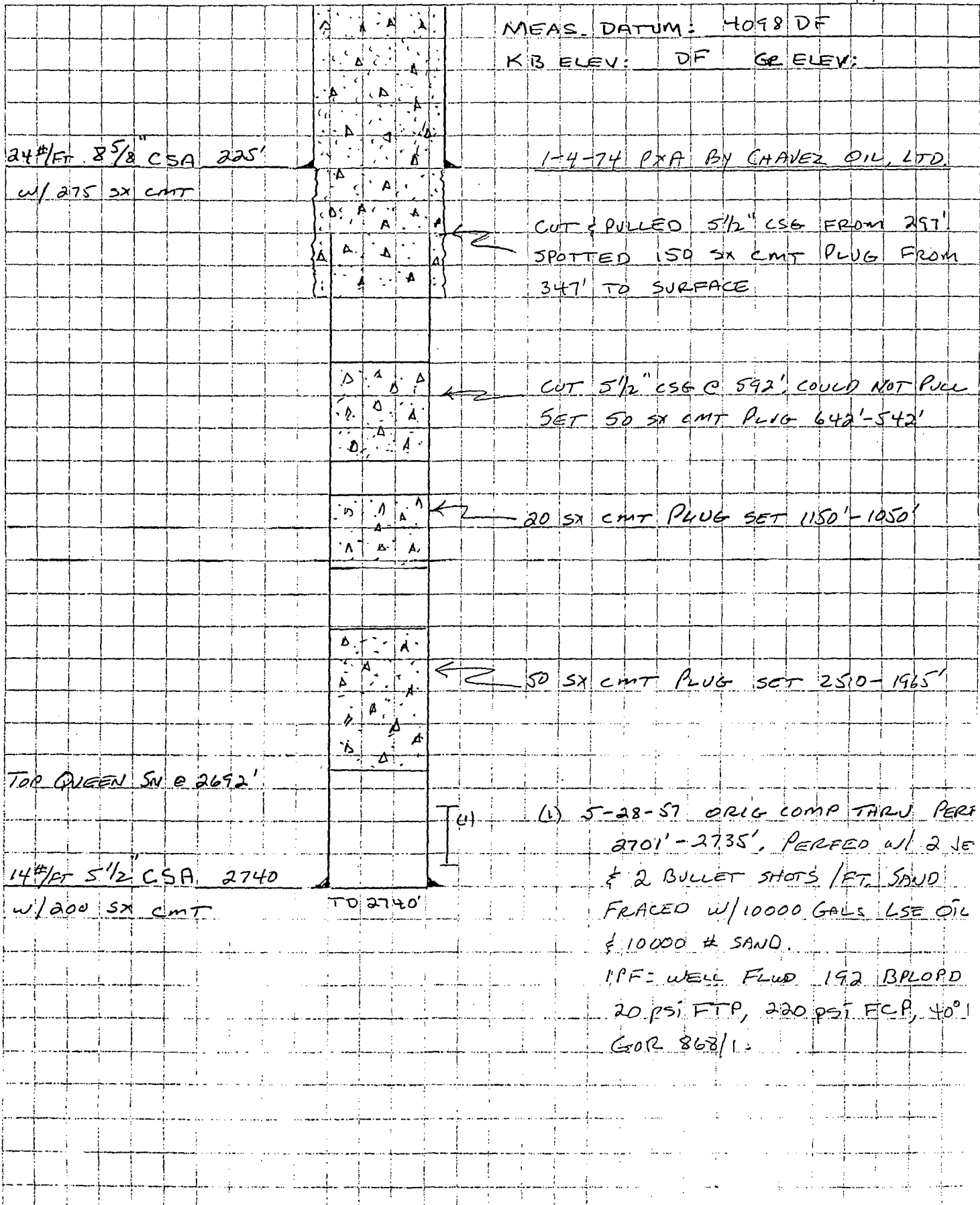
CURRENT STATUS

PXA PRODUCER

(PXA 1/4/74)

Project No.

By



|         |                |                      |             |
|---------|----------------|----------------------|-------------|
| Subject | UNIT WEST CAP  | FIELD CAROCK         | Date        |
|         | WELL 8PN       | LOCATION 14S 31E 8PN | Sheet of    |
|         | CURRENT STATUS | PXA INJECTOR         | Project No. |
|         |                |                      | By          |

10 SX CMT PLUG  
@ SURFACE

MEAS. DATUM: 4120' DF

K13 ELEV: DF GR ELEV:

35#/FT 10 3/4" CSA 203'  
w/ 150 SX CMT

PXA 1-9-74 By CHAVEZ OIL, LTD

SET 65 SX CMT PLUG FROM 253'

CUT & PULLED 5 1/2" CSG @ 575'  
SET 65 SX CMT PLUG FROM 625'-425'

SPOTTED 20 SX CMT PLUG  
FROM 1240-1140'

COULD NOT FREE PKR. CUT OFF 2 3/8" TBG  
@ 1242'. BRADEN HEAD SQZD 24 SX  
CMT DOWN TBG TO 2500'.

± 1200' 2 3/8" 6.4#/FT  
555 TBG LEFT  
IN HOLE  
w/ CMT INSIDE

TENSION PKR STUCK IN HOLE @ ± 2500'

TOP QUEEN SN @ 2701'

14#/FT 5 1/2" CSA 2746  
w/ 200 SX CMT

TD 2746'

(1) 1-11-56 ORIG. COMP. THRU  
PERFS 2728-2739', TREATED  
PERFS w/ 2730 GALS LSF OIL  
& 2000 # SAND.  
IPF: 202 BPLOPD w/ 60 PSI F  
37.9° API

(2) CONVERTED TO WIW. NO C-103  
DATA ON WELL.

**TRIGG FEDERAL LEASE**  
**Data on the Proposed Operation (VII), the Geologic Data (VIII), the**  
**Stimulation Program (IX), and the Fresh Water Wells (XI)**

**August, 2007**

Lease Location: Sec. 4, E/2 NE/4 and E/2 SE/4 of Sec. 5, and Sec. 9, T14S R31E, Chaves County, NM.

Operator: Celero Energy II, LP

Working Interest Owners: Celero Energy II, LP

**VII. Data on the Proposed Operation:**

1. The proposed average injection rate is 500 BWPD and the proposed maximum injection rate is 1500 BWPD. Assuming a total injection volume of 1.0 HCPV, the total estimate volume of water injected is 13.2 MMB of water.
2. The system will be closed. ✓
3. The proposed average injection pressure is 1000 psi and the proposed maximum injection pressure is 2000 psi.
4. The source water for the waterflood is recycled produced water and fresh water (Ogallala formation) from local wells. Water analyses and compatability tests are attached.

**VIII. The Geologic Data:**

- Geologic Age: Permian
- Geologic Name: Queen (a member of the Artesian Group)
- Average Thickness: 15 feet (calculated from available core data)
- Lithology: Shaly sandstone
- Measured Depth: 2700' to 2800'
- Sources of underground drinking water: None

**IX. Data on the Proposed Stimulation Program:**

- Celero will initially attempt to produce or inject in these wells as they are with no initial stimulation treatments.
- Should a stimulation treatment become needed due to skin damage, poor reservoir quality, reservoir heterogeneities, scale formation, etc., then a mild 7 ½% NEFE HCL treatment with the appropriate additives will be used at a volume of 50 to 100 gal/ft of perforated or open hole interval.

- Should a mild acid treatment not provide an adequate stimulation treatment, then a small 20,000# to 100,000# proppant gelled water frac will be considered and implemented as needed to provide the Queen formation with adequate stimulation.
- Also, depending on what type of scale or corrosion problems develop, appropriate chemical treatments will be designed and implemented to remediate the identified problem(s).

XI. Data on the Fresh Water Wells:

- There are no fresh water wells within one mile of any injection well on the Trigg Federal lease.

# Pro-Kem, Inc.

## WATER ANALYSIS REPORT

### SAMPLE

Oil Co. : Celero Energy  
 Lease :  
 Well No.: Fresh Water  
 Location:  
 Attention:

Date Sampled : 17-August-2007  
 Date Analyzed: 23-August-2007  
 Lab ID Number: Aug2307.003- 2  
 Salesperson :  
 File Name : Aug2307.003

### ANALYSIS

1. Ph 7.100
2. Specific Gravity 60/60 F. 1.009
3. CACO3 Saturation Index @ 80F 0.133 Mild  
 @140F 0.733 Moderate

#### Dissolved Gasses

4. Hydrogen Sulfide Not Present
5. Carbon Dioxide Not Determined
6. Dissolved Oxygen Not Determined

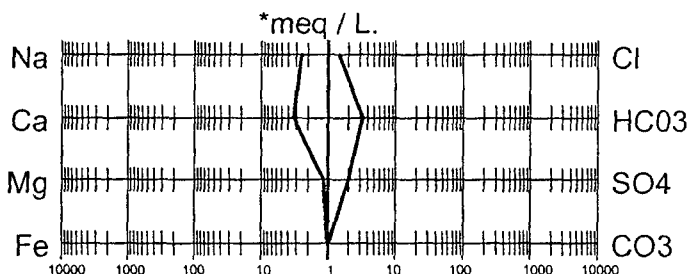
#### Cations

|                              |    |          |      |
|------------------------------|----|----------|------|
| 7. Calcium (Ca++)            | 63 | / 20.1 = | 3.13 |
| 8. Magnesium (Mg++)          | 13 | / 12.2 = | 1.07 |
| 9. Sodium (Na+) (Calculated) | 54 | / 23.0 = | 2.35 |
| 10. Barium (Ba++)            | 11 | / 68.7 = | 0.16 |

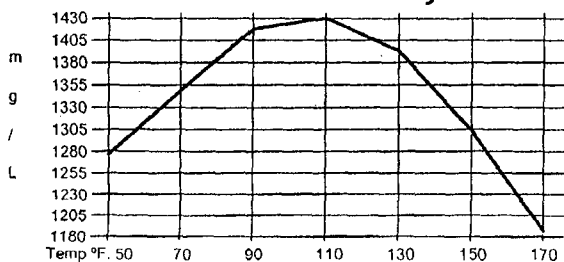
#### Anions

|                                      |                |              |      |
|--------------------------------------|----------------|--------------|------|
| 11. Hydroxyl (OH-)                   | 0              | / 17.0 =     | 0.00 |
| 12. Carbonate (CO3=)                 | 0              | / 30.0 =     | 0.00 |
| 13. Bicarbonate (HCO3-)              | 193            | / 61.1 =     | 3.16 |
| 14. Sulfate (SO4=)                   | 95             | / 48.8 =     | 1.95 |
| 15. Chloride (Cl-)                   | 50             | / 35.5 =     | 1.41 |
| 16. Total Dissolved Solids           | 479            |              |      |
| 17. Total Iron (Fe)                  | 2.00           | / 18.2 =     | 0.11 |
| 18. Manganese (Mn++)                 | Not Determined |              |      |
| 19. Total Hardness as CaCO3          | 208            |              |      |
| 20. Resistivity @ 75 F. (Calculated) | 2.462          | Ohm · meters |      |

#### LOGARITHMIC WATER PATTERN



#### Calcium Sulfate Solubility Profile



#### PROBABLE MINERAL COMPOSITION

| COMPOUND  | *meq/L | X | EQ. WT. = | mg/L. |
|-----------|--------|---|-----------|-------|
| Ca(HCO3)2 | 3.13   |   | 81.04     | 254   |
| CaSO4     | 0.00   |   | 68.07     | 0     |
| CaCl2     | 0.00   |   | 55.50     | 0     |
| Mg(HCO3)2 | 0.02   |   | 73.17     | 2     |
| MgSO4     | 1.04   |   | 60.19     | 63    |
| MgCl2     | 0.00   |   | 47.62     | 0     |
| NaHCO3    | 0.00   |   | 84.00     | 0     |
| NaSO4     | 0.75   |   | 71.03     | 53    |
| NaCl      | 1.41   |   | 58.46     | 82    |

\* milliequivalents per Liter

*Kevin Byrne*

Kevin Byrne, Analyst

# Pro-Kem, Inc.

## WATER ANALYSIS REPORT

### SAMPLE

Oil Co. : **Celero Energy**  
 Lease : **Trigg Battery**  
 Well No.:  
 Location:  
 Attention:

Date Sampled : **17-August-2007**  
 Date Analyzed: **23-August-2007**  
 Lab ID Number: **Aug2307.003- 1**  
 Salesperson :  
 File Name : **Aug2307.003**

### ANALYSIS

1. Ph 5.800
2. Specific Gravity 60/60 F. 1.190
3. CACO3 Saturation Index @ 80F
- @140F

-0.051      Negligible  
 1.789      Severe

#### Dissolved Gasses

4. Hydrogen Sulfide Not Present
5. Carbon Dioxide 320
6. Dissolved Oxygen Not Determined

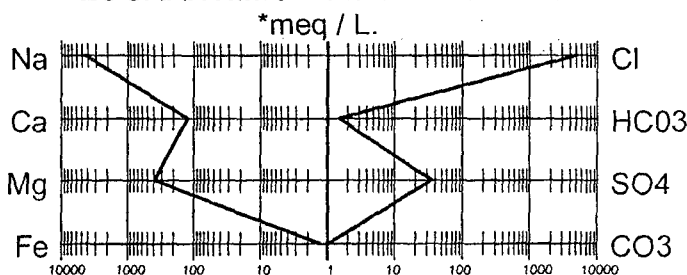
#### Cations

- |                              |  | MG/L.          | EQ. WT.  | *MEQ/L   |
|------------------------------|--|----------------|----------|----------|
| 7. Calcium (Ca++)            |  | 2,397          | / 20.1 = | 119.25   |
| 8. Magnesium (Mg++)          |  | 4,551          | / 12.2 = | 373.03   |
| 9. Sodium (Na+) (Calculated) |  | 97,734         | / 23.0 = | 4,249.30 |
| 10. Barium (Ba++)            |  | Not Determined |          |          |

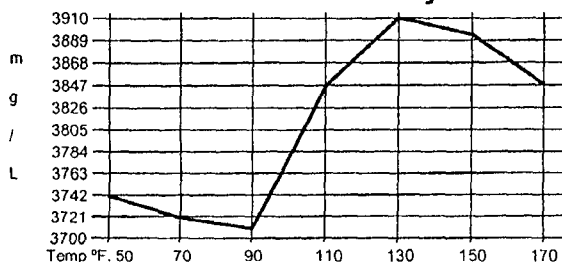
#### Anions

- |                                      |                    |          |          |
|--------------------------------------|--------------------|----------|----------|
| 11. Hydroxyl (OH-)                   | 0                  | / 17.0 = | 0.00     |
| 12. Carbonate (CO3=)                 | 0                  | / 30.0 = | 0.00     |
| 13. Bicarbonate (HCO3-)              | 88                 | / 61.1 = | 1.44     |
| 14. Sulfate (SO4=)                   | 1,650              | / 48.8 = | 33.81    |
| 15. Chloride (Cl-)                   | 166,962            | / 35.5 = | 4,703.15 |
| 16. Total Dissolved Solids           | 273,382            |          |          |
| 17. Total Iron (Fe)                  | 22.00              | / 18.2 = | 1.21     |
| 18. Manganese (Mn++)                 | Not Determined     |          |          |
| 19. Total Hardness as CaCO3          | 24,722             |          |          |
| 20. Resistivity @ 75 F. (Calculated) | 0.001 Ohm · meters |          |          |

#### LOGARITHMIC WATER PATTERN



#### Calcium Sulfate Solubility Profile



#### PROBABLE MINERAL COMPOSITION

| COMPOUND  | *meq/L   | X | EQ. WT. = | mg/L.   |
|-----------|----------|---|-----------|---------|
| Ca(HCO3)2 | 1.44     |   | 81.04     | 117     |
| CaSO4     | 33.81    |   | 68.07     | 2,302   |
| CaCl2     | 84.00    |   | 55.50     | 4,662   |
| Mg(HCO3)2 | 0.00     |   | 73.17     | 0       |
| MgSO4     | 0.00     |   | 60.19     | 0       |
| MgCl2     | 373.03   |   | 47.62     | 17,764  |
| NaHCO3    | 0.00     |   | 84.00     | 0       |
| NaSO4     | 0.00     |   | 71.03     | 0       |
| NaCl      | 4,246.12 |   | 58.46     | 248,228 |

\* milliequivalents per Liter

*Kevin Byrne*

Kevin Byrne, Analyst

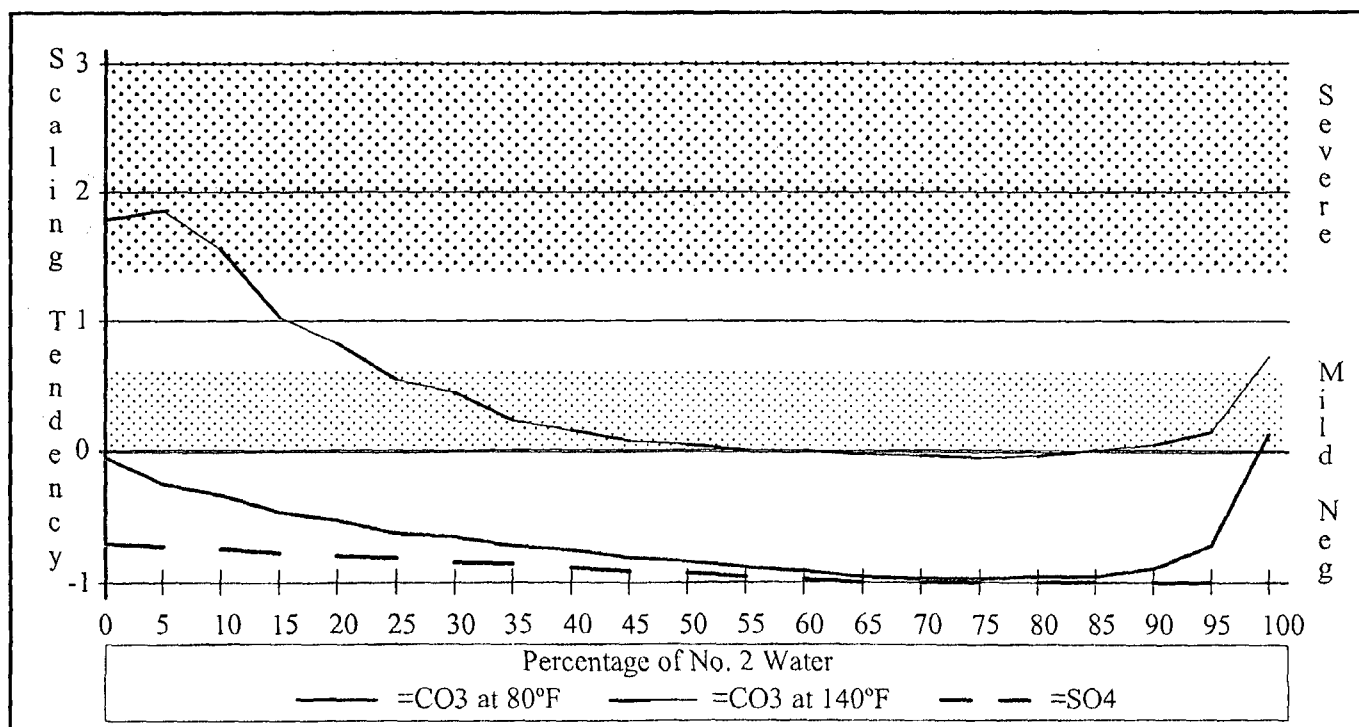
# Comparison Between Two Waters

Requested by: Pro-Kem, Inc.

Sample No. 1  
Celero Energy  
Trigg Battery  
23-August-2007

Sample No. 2  
Celero Energy  
Fresh Water  
23-August-2007

| Percent of<br>#1 & #2 | pH    | TDS     | SpGr  | CaCO <sub>3</sub> Saturation<br>@80°F. @140°F. |        | Calcium Sulfate<br>Scaling Potential |
|-----------------------|-------|---------|-------|------------------------------------------------|--------|--------------------------------------|
| 100 - 00              | 5.800 | 273,382 | 1.190 | -0.051                                         | 1.789  | Nil                                  |
| 95 - 05               | 5.865 | 259,737 | 1.181 | -0.263                                         | 1.857  | Nil                                  |
| 90 - 10               | 5.930 | 246,092 | 1.172 | -0.347                                         | 1.563  | Nil                                  |
| 85 - 15               | 5.995 | 232,447 | 1.163 | -0.474                                         | 1.026  | Nil                                  |
| 80 - 20               | 6.060 | 218,801 | 1.154 | -0.533                                         | 0.827  | Nil                                  |
| 75 - 25               | 6.125 | 205,156 | 1.145 | -0.625                                         | 0.545  | Nil                                  |
| 70 - 30               | 6.190 | 191,511 | 1.136 | -0.659                                         | 0.441  | Nil                                  |
| 65 - 35               | 6.255 | 177,866 | 1.127 | -0.727                                         | 0.233  | Nil                                  |
| 60 - 40               | 6.320 | 164,221 | 1.118 | -0.757                                         | 0.163  | Nil                                  |
| 55 - 45               | 6.385 | 150,576 | 1.109 | -0.811                                         | 0.069  | Nil                                  |
| 50 - 50               | 6.450 | 136,931 | 1.100 | -0.849                                         | 0.041  | Nil                                  |
| 45 - 55               | 6.515 | 123,285 | 1.090 | -0.891                                         | -0.001 | Nil                                  |
| 40 - 60               | 6.580 | 109,640 | 1.081 | -0.919                                         | 0.006  | Nil                                  |
| 35 - 65               | 6.645 | 95,995  | 1.072 | -0.953                                         | -0.033 | Nil                                  |
| 30 - 70               | 6.710 | 82,350  | 1.063 | -0.971                                         | -0.046 | Nil                                  |
| 25 - 75               | 6.775 | 68,705  | 1.054 | -0.969                                         | -0.059 | Nil                                  |
| 20 - 80               | 6.840 | 55,060  | 1.045 | -0.962                                         | -0.037 | Nil                                  |
| 15 - 85               | 6.905 | 41,414  | 1.036 | -0.957                                         | -0.007 | Nil                                  |
| 10 - 90               | 6.970 | 27,769  | 1.027 | -0.893                                         | 0.047  | Nil                                  |
| 05 - 95               | 7.035 | 14,124  | 1.018 | -0.722                                         | 0.138  | Nil                                  |
| 00 - 100              | 7.100 | 479     | 1.009 | 0.133                                          | 0.733  | Nil                                  |



# Pro-Kem, Inc.

## WATER ANALYSIS REPORT

### SAMPLE

Oil Co. : Celero Energy  
 Lease : Trigg Fed.  
 Well No.: 4  
 Location:  
 Attention:

Date Sampled : 10-August-2007  
 Date Analyzed: 13-August-2007  
 Lab ID Number: Aug1407.001- 3  
 Salesperson :  
 File Name : Aug1407.001

### ANALYSIS

- |                              |       |        |            |
|------------------------------|-------|--------|------------|
| 1. Ph                        | 5.600 |        |            |
| 2. Specific Gravity 60/60 F. | 1.184 |        |            |
| 3. CACO3 Saturation Index    | @ 80F | -0.629 | Negligible |
|                              | @140F | 1.491  | Severe     |

#### Dissolved Gasses

- |                     | MG/L.          | EQ. WT. | *MEQ/L |
|---------------------|----------------|---------|--------|
| 4. Hydrogen Sulfide | Not Present    |         |        |
| 5. Carbon Dioxide   | 360            |         |        |
| 6. Dissolved Oxygen | Not Determined |         |        |

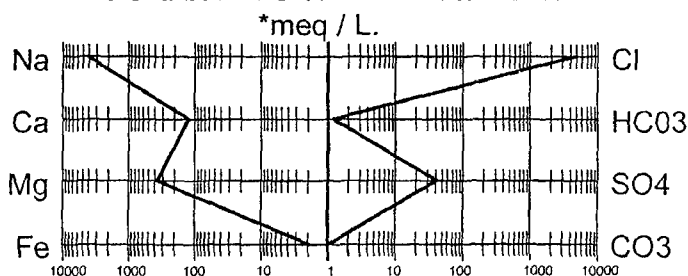
#### Cations

- |              |                    |                |          |          |
|--------------|--------------------|----------------|----------|----------|
| 7. Calcium   | (Ca++)             | 2,397          | / 20.1 = | 119.25   |
| 8. Magnesium | (Mg++)             | 4,298          | / 12.2 = | 352.30   |
| 9. Sodium    | (Na+) (Calculated) | 93,139         | / 23.0 = | 4,049.52 |
| 10. Barium   | (Ba++)             | Not Determined |          |          |

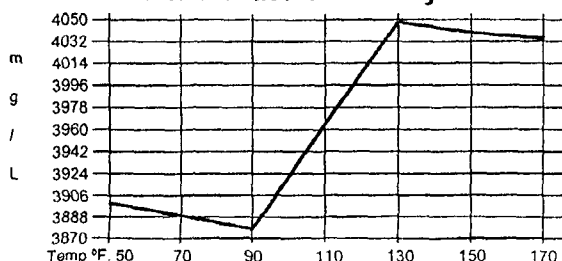
#### Anions

- |                                      |         |                |              |          |
|--------------------------------------|---------|----------------|--------------|----------|
| 11. Hydroxyl                         | (OH-)   | 0              | / 17.0 =     | 0.00     |
| 12. Carbonate                        | (CO3=)  | 0              | / 30.0 =     | 0.00     |
| 13. Bicarbonate                      | (HCO3-) | 70             | / 61.1 =     | 1.15     |
| 14. Sulfate                          | (SO4=)  | 1,900          | / 48.8 =     | 38.93    |
| 15. Chloride                         | (Cl-)   | 158,964        | / 35.5 =     | 4,477.86 |
| 16. Total Dissolved Solids           |         | 260,768        |              |          |
| 17. Total Iron                       | (Fe)    | 32.50          | / 18.2 =     | 1.79     |
| 18. Manganese                        | (Mn++)  | Not Determined |              |          |
| 19. Total Hardness as CaCO3          |         | 23,681         |              |          |
| 20. Resistivity @ 75 F. (Calculated) |         | 0.001          | Ohm · meters |          |

#### LOGARITHMIC WATER PATTERN



#### Calcium Sulfate Solubility Profile



#### PROBABLE MINERAL COMPOSITION

| COMPOUND  | *meq/L   | X | EQ. WT. | = | mg/L.   |
|-----------|----------|---|---------|---|---------|
| Ca(HCO3)2 | 1.15     |   | 81.04   |   | 93      |
| CaSO4     | 38.93    |   | 68.07   |   | 2,650   |
| CaCl2     | 79.17    |   | 55.50   |   | 4,394   |
| Mg(HCO3)2 | 0.00     |   | 73.17   |   | 0       |
| MgSO4     | 0.00     |   | 60.19   |   | 0       |
| MgCl2     | 352.30   |   | 47.62   |   | 16,776  |
| NaHCO3    | 0.00     |   | 84.00   |   | 0       |
| NaSO4     | 0.00     |   | 71.03   |   | 0       |
| NaCl      | 4,046.39 |   | 58.46   |   | 236,552 |

\* milliequivalents per Liter

*Kevin Byrne*

Kevin Byrne, Analyst

# Pro-Kem, Inc.

## WATER ANALYSIS REPORT

### SAMPLE

Oil Co. : **Celero Energy**  
 Lease : **Trigg Federal**  
 Well No.: **8**  
 Location:  
 Attention:

Date Sampled : **10-August-2007**  
 Date Analyzed: **13-August-2007**  
 Lab ID Number: **Aug1307.006- 6**  
 Salesperson :  
 File Name : **Aug1307.006**

### ANALYSIS

1. Ph 5.600
2. Specific Gravity 60/60 F. 1.195
3. CACO3 Saturation Index @ 80F
- @140F

**-0.195**      **Negligible**  
**1.545**      **Severe**

#### Dissolved Gasses

4. Hydrogen Sulfide
5. Carbon Dioxide
6. Dissolved Oxygen

|                | MG/L. | EQ. WT. | *MEQ/L |
|----------------|-------|---------|--------|
| Not Present    |       |         |        |
|                | 360   |         |        |
| Not Determined |       |         |        |

#### Cations

7. Calcium (Ca++)
8. Magnesium (Mg++)
9. Sodium (Na+) (Calculated)
10. Barium (Ba++)

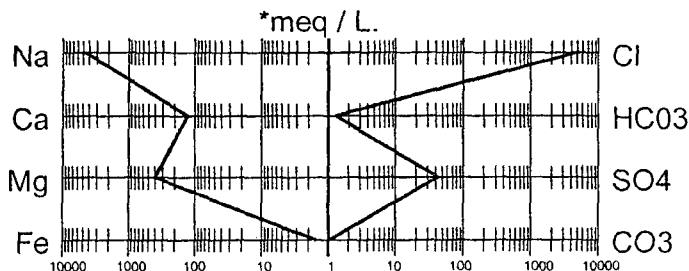
|                |          |          |
|----------------|----------|----------|
| 2,501          | / 20.1 = | 124.43   |
| 4,678          | / 12.2 = | 383.44   |
| 99,471         | / 23.0 = | 4,324.83 |
| Not Determined |          |          |

#### Anions

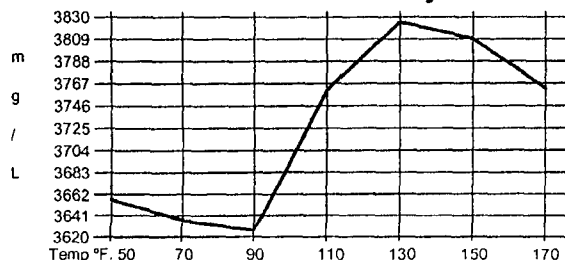
11. Hydroxyl (OH-)
12. Carbonate (CO3=)
13. Bicarbonate (HCO3-)
14. Sulfate (SO4=)
15. Chloride (Cl-)
16. Total Dissolved Solids
17. Total Iron (Fe)
18. Manganese (Mn++)
19. Total Hardness as CaCO3
20. Resistivity @ 75 F. (Calculated)

|                |                    |          |
|----------------|--------------------|----------|
| 0              | / 17.0 =           | 0.00     |
| 0              | / 30.0 =           | 0.00     |
| 76             | / 61.1 =           | 1.24     |
| 1,975          | / 48.8 =           | 40.47    |
| 169,962        | / 35.5 =           | 4,787.66 |
| 278,663        |                    |          |
| 26.50          | / 18.2 =           | 1.46     |
| Not Determined |                    |          |
| 25,503         |                    |          |
|                | 0.001 Ohm · meters |          |

#### LOGARITHMIC WATER PATTERN



#### Calcium Sulfate Solubility Profile



#### PROBABLE MINERAL COMPOSITION

| COMPOUND  | *meq/L   | X | EQ. WT. = | mg/L.   |
|-----------|----------|---|-----------|---------|
| Ca(HCO3)2 | 1.24     |   | 81.04     | 101     |
| CaSO4     | 40.47    |   | 68.07     | 2,755   |
| CaCl2     | 82.71    |   | 55.50     | 4,591   |
| Mg(HCO3)2 | 0.00     |   | 73.17     | 0       |
| MgSO4     | 0.00     |   | 60.19     | 0       |
| MgCl2     | 383.44   |   | 47.62     | 18,260  |
| NaHCO3    | 0.00     |   | 84.00     | 0       |
| NaSO4     | 0.00     |   | 71.03     | 0       |
| NaCl      | 4,321.51 |   | 58.46     | 252,635 |

\* milliequivalents per Liter

*Kevin Byrne*

Kevin Byrne, Analyst

# **TRIGG FEDERAL LEASE PLAN OF DEVELOPMENT**

**August, 2007**

Lease Location: Sec. 4, E/2 NE/4 and E/2 SE/4 of Sec. 5, and Sec. 9, T14S R31E, Chaves County, NM.

Operator: Celero Energy II, LP

Working Interest Owners: Celero Energy II, LP

## **Development History:**

- Thirty-eight wells were drilled on this lease primarily on 40-acre spacing in the mid to late 1950's.
- The Oil Conservation Commission of the State of New Mexico approved John H. Trigg's application for an order authorizing a pilot water flood project on 08-01-1959, Case No. 1714, and Order No. R-1456. This order approved the injection of water into four wells, No's 34, 35, and 36 in Sec. 5, and No. 29 in Sec. 4.
- An additional three wells were approved for water injection by the Oil Conservation Commission of the State of New Mexico on 04-22-1963, Case No. 2781, and Order No. R-2470. Those three approved wells were No's 17, 26, and 28 in Sec. 9.
- The Trigg Federal waterflood was developed in the early 1960's as an 80-acre 5-spot pattern waterflood. Peak oil response was 900 BOPD in 1962 and peak water production was in 1965 at 3300 BWPD. The waterflood response was pretty much over by the early 1970's and pretty much limped along over the past 35 years +/-.
- Eighteen wells have been P&A'd primarily from 1999 to 2001 and most of the P&A'd wells are in Section 9.

## **Reservoir Performance:**

- Based on work that was done by a consultant in the mid 1990's, the OOIP for the Trigg Federal lease is estimated to be 12 MMBO. Estimated oil production to date is 2.4 MMBO. The estimated oil recovery to date is 20%. Estimated primary recovery is 8% yielding a waterflood to primary ratio of 1.6.
- The 20% estimated oil recovery through waterflood is relatively low based on the typical waterflood performance of reservoirs of this type. There are probably several factors that contributed to this poor performance including the large 80-acre flood patterns, inefficiencies in the water injection balancing and the reservoir surveillance, inability to adequately pump the wells off to optimize production, the influence of the nearby gas cap to the West and Northwest of the lease, geologic heterogeneities, failure to penetrate the entire productive Queen sand interval, etc.

- Assuming that there is a potential target of 10% to 15% of the OOIP that could still be recoverable, this provides Celero Energy with a 1.2 MMBO to 1.8 MMBO target that would justify reactivating the Federal Trigg Lease.

#### Plan of Development:

- 2007 to 2009: Reactivate existing TA'd and shut-in wells in Section 4 and the N/2 N/2 of Section 9 as an 80-acre waterflood spending approximately \$1.4MM on well reactivations plus additional monies for new facilities including tank batteries, flowlines, injection facilities and lines.
- 2009 & 2010: Re-enter or re-drill plugged and abandoned wells primarily in Section 9 as an 80-acre waterflood as well as any additional facilities and lines needed to support the new wells.
- As Celero Energy implements this plan of development, there will likely be significant changes to the basic 80-acre waterflood redevelopment plan based on additional reservoir and geologic studies and actual operational performance as we progress this plan of development. Celero plans to keep the NM OCD apprised of the changes as we plan to implement them.
- Potential development changes may include such things as increased density drilling, changing waterflood patterns and orientations, not reactivating portions of the lease or shutting in portions of the lease due to poor performance, poor economics, and/or significant oil price softening.

#### Submission of Information for the Application for Authorization to Inject:

Celero Energy acquired ownership and operatorship of this lease in June of 2007. This lease is an old lease that was for the most part an inactive lease that had approximately 50% of its wells that were P&A'd. There were essentially no well files or well logs that came with the lease so the information that Celero has put together on the wells on this lease was derived from NM OCD's web site data. So in summary, what the NM OCD has is what Celero now has. As a result of this Celero, at this point in time, does not plan to submit any logs with this application, and the well information that we submit will reflect the information that we currently have on the wells which may or may not reflect current reality for the subject wells.

But Celero does plan to provide the NM OCD with updated well information and new logs through the sundry process as we begin the process of reactivating, re-entering, or re-drilling the wells on the Trigg Federal lease. Celero hopes that this is a manageable solution to providing the NM OCD with the information they require on an as timely basis as Celero can generate and provide it.

PROPOSED ADVERTISEMENT

Case No. 14047: **Application of Celero Energy II, L.P. for expansion of a waterflood project, Chaves County, New Mexico.** Applicant seeks approval to expand the Caprock-Queen Waterflood Project (Caprock-Queen Pool), originally approved by Oil Conservation Commission Order Nos. R-1456 and R-2470, by the injection of water into twenty wells located on a federal lease covering all of Section 4, the E/2E/2 of Section 5, and all of Section 9, Township 14 South, Range 31 East, N.M.P.M. The project is located approximately 29 miles east of Hagerman, New Mexico.

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