

Case 14915

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. OPERATOR: Celero Energy II, LP

ADDRESS: 400 W. Illinois, Ste. 1601 Midland TX 79701

CONTACT PARTY: M. W. Metzger or D.R. Catanach Cell # (432) 556-0811 PHONE: (505)690-9453

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

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

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: M. W. Metzger TITLE: Sr. Production Engineer

SIGNATURE: *M. W. Metzger* DATE: 10/10/2012

E-MAIL ADDRESS: mmezger@celeroenergy.com

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

RECEIVED
OCT 15 10 30 AM '12

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

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

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

North Caprock Celero Queen Unit-Attachment to NM Form C-108

Data for Items VII (Proposed Operation), VIII (Geologic Data), IX (Stimulation Program), and XI (Fresh Water Wells).

Lease Location: All or portions of Sec. 31 and 32, T12S, R32E, and all or portions of Sec. 5, T13S, R32E, Lea County, NM

Operator: Celero Energy II, LP

VII. Data on the Proposed Operation:

1. The proposed average water injection rate is 500 BWPD per well, and the proposed maximum injection rate is 1000 BWPD per well.

This is part of a Secondary Oil Recovery Project in which Celero plans to inject produced and fresh water (if needed) into the Queen formation. The project involves re-entering 13 plugged and abandoned wells located in sections 31 and 32, T12S, R32E and section 5, T13S, R32E. Initially, Celero plans to re-enter 5 wells; one well will be completed as an injection well (State 32, #4) and four wells will be completed as producing wells (State 32, nos. 1, 2, and 3, and the State 31, no. 1). After roughly six months, Celero plans to re-enter the State 32, nos. 5, and 11, and the State 31, no. 2 and complete them as injection wells. After another six months or so, Celero intends to re-enter the State 32, nos. 6 and 8 and complete them as injection wells. In the following six months, Celero plans to re-enter the State 31, nos. 5 and 3 and complete them as injection wells. Lastly, after another 6 months or so, Celero intends to re-enter the State 5, no. 1 and complete it as an injection well. Ultimately, the project will consist of 9 injection wells and 4 producing wells.

2. The injection system will be closed. Produced water will be recovered and reinjected into the Queen Formation. Make-up water will be piped as needed to the project area from the Celero-operated Rock Queen Unit to the south; if needed, fresh water may be used from Celero-operated wells to the south and east of the project.

Production, injection, and related facilities will be located on or near the well pad for the State 32, #4.

3. The proposed average and maximum water injection pressure is 600 psi. This pressure is what would normally be allowed using the traditional calculation of $0.2(\text{psi/ft}) \times 3000(\text{ft})$.
4. The source water for the NCCQU project will be recycled produced water and fresh water (Ogallala formation) from local wells along with produced water make-up from the Celero-operated Rock Queen Unit to the south. Produced water from the proposed NCCQU is not available; however, we have attached a water analysis from the Celero-operated Rock Queen Unit well 84 which will likely approximate the produced water from the NCCQU. We do not anticipate any compatibility problems using fresh water.

VIII. The Geologic Data:

- Geologic Age: Permian
- Geologic Name: Queen Formation (a member of the Artesian Group)

Data for Items VII (Proposed Operation), VIII (Geologic Data), IX (Stimulation Program), and XI (Fresh Water Wells).

Lease Location: All or portions of Sec. 31 and 32, T12S, R32E, and all or portions of Sec. 5, T13S, R32E, Lea County, NM

Operator: Celero Energy II, LP

VIII. The Geologic Data:

- Average Thickness: 15 feet
- Lithology: Shaley sandstone
- Measured Depth: 3000' to 3050'
- Sources of underground drinking water: Ogallala formation at depths to 190'.

IX. Data on the Proposed Stimulation Program:

- Celero will initially attempt to produce or inject into these wells without additional stimulation treatments.
- Should a stimulation treatment become necessary, then a mild 7 ½% NEFE HCL treatment with appropriate additives will be used.
- In the event a mild acid treatment is not adequate, then a gelled water/proppant hydraulic fracture treatment would be considered.

XI. Data on the Fresh Water Wells: Analyses on three water wells that Celero was able to locate in the general area are attached. The wells are located in sections 6 (SW4/SW4) and 7(SE4/NE4) of T13S, R32E, and section 36 (NE4/NE4) of T12S, R31 E.

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Internally Plastic Coated

Type of Packer: Tension – Set AD-1 or equivalent

Packer Setting Depth: 2,950' or within 100' of the open-hole injection interval

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: Yes X No
If no, for what purpose was the well originally drilled: Well was originally drilled as a producing well in the Caprock-Queen Pool

2. Name of the Injection Formation: Queen

3. Name of Field or Pool (if applicable): Caprock-Queen Pool (8551)

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.
None

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

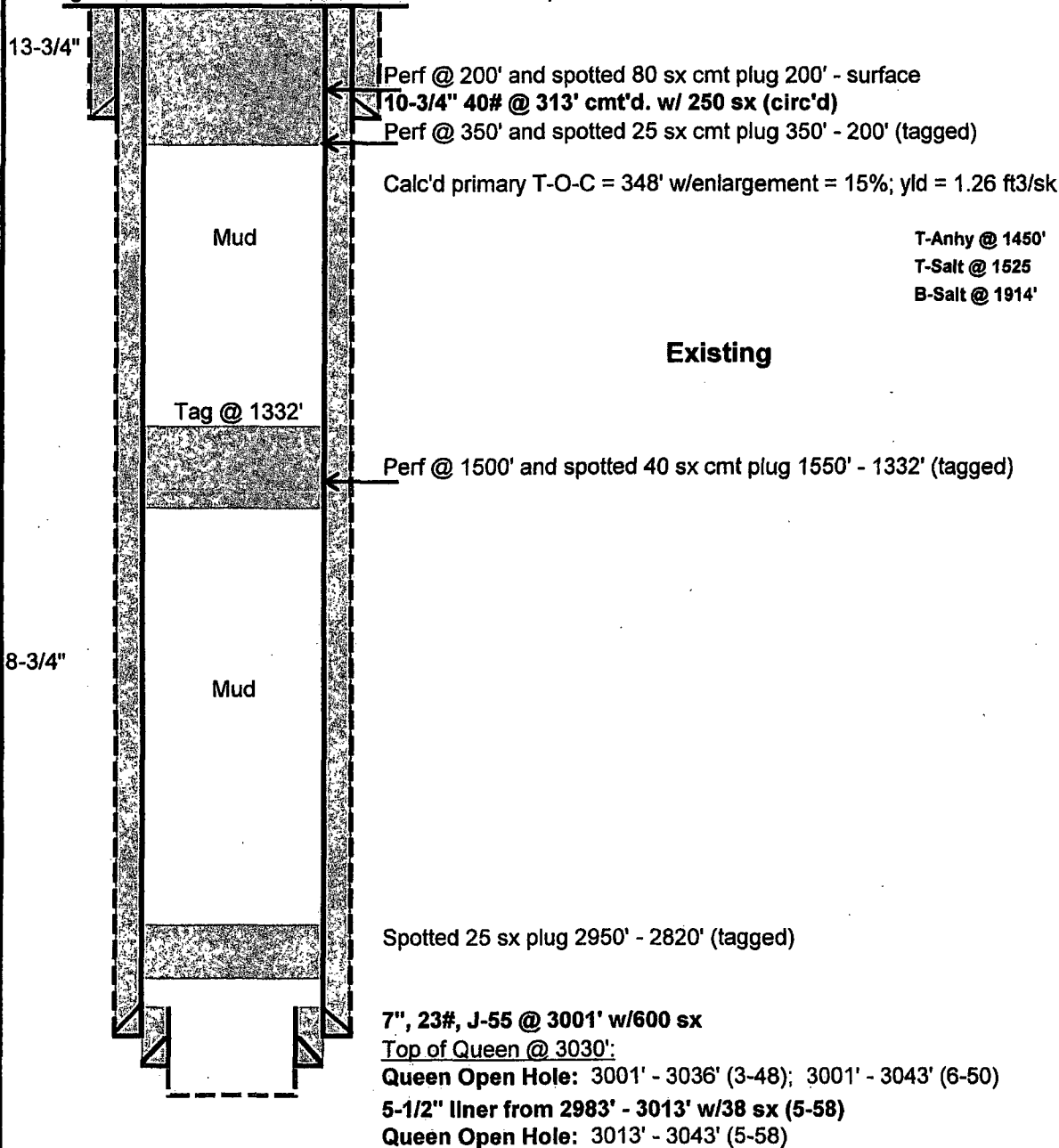
CELERO ENERGY

FIELD: Caprock
LEASE/UNIT: State 32(formerly NCQU 1 TR 11 SEC 32L #12)
COUNTY: Lea

DATE: 30-Sep-12
BY: MWM
WELL: 4
STATE: New Mexico

Location: 1980' FSL & 660' FWL, Sec 32L, T12S, R32E
 SPUD: 2/48 COMP: 3/48
 CURRENT STATUS: P&A Injector (09-04)
 Original Well Name: Mid-Continent Petroleum Corp. State Land # 13

KB =
GL = 4372' top CHF
API = 30-025-00209



PBTD - 3043'
 TD - 3043'

Well History: **State 32, #4 (formerly NCQU 1 TR 11 SEC 32L #12)**

(3-48) - Initial Completion: Orig comp in open hole sec 3001' - 3036'. IP 72 BOPD and 0 BWPD.

(6-50) - Workover: CO well to TD @ 3036' and deepen well to new TD @ 3043'. RWTP.

(3-58) - Change: Entered into NCQU #1 as well NCQU #1, 32-12 operated by Graridge Corp.

(5-58) - Convert to Injector: CO well to TD @ 3043'. Ran 30' of 5 1/2" liner to 3013' and cemented with 38 sx cmt. TOL @ 2983'. Drilled out and cleaned out well. Converted well to water injection 7/23/58.

(5-65) - Change: Operator change to Petroleum Corp. of Tx.

(5-66) - Change: Operator change to American Petrofina Co. of Tx.

(8-70) - Change Operator change to Tom Bius.

(4-71) - Change Operator change to Thunderbird Oil Corp.

(2-75) - Propose P&A Proposal to P&A by C&P 7" casing.

(3-75) - Change Operator change to Vega Petroleum Corp.

(9-76) - Change Operator change to Layton Enterprises, Inc.

(1-83) - Change Operator change to Murphy Operating Corp.

(11-95) - Change Operator change to Secondary Oil Corp.

(12-97) - Change Operator change to Sierra Blanca Operating Company.

(09-04) - P&A Well: Spot 25 sx @ 2950', tag at 2820'. Attempt to test csg, leaked, could not get packer past 20'. Perf at 1500', spot 40 sx at 1550', tag at 1332. Casing would not test. Perf at 350', spot 25 sx at 350', tag at 200'. Perf @ 200', spot 80 sx leaving casing and backside full, set marker. By Mayo Marrs (NMOCD) 9/21/04.

MAYO MARRS CASING PULLING INC.
BOX 863 KERMIT, TEXAS 79745

NEW MEXICO OCD

SUPERVISOR-FRANK RIVAS

Lease: ~~NORTHEAST~~ CAPROCK QUEEN UNIT
Well: # 12
Operator: SIERRA BLANCA OPERATING CO.
Project: P & A -
Contract: 04-521-0750-0116
IFB #: 40-521-07-00223

30-025-00209.

BID = \$ 13,573.00

9-17-04 (4)
MIRU - WELD ON 7" THREADS - NUBOP -

9-20-04 (12)
RIH WITH GAUGE RING TO 20' - POOH - RIH WITH MMCPI TUBING & SPOT 25 SXS @ 2950'
POOH - WOC - RIH & TAG @ 2820' - CIR. 10# MUD - WELL CIRCULATED - TRY TO TEST
CASING - NO TEST - HOLE IN CASING - RIH WITH PACKER & LOCATE HOLE - CAN NOT
GET PAST 20' - CALL BILL PRITCHARD - OK - RIH & PERFORATE @ 1500' - RIH & SPOT 40
SXS @ 1550' - POOH - CLOSE IN WELL

9-21-04 (12)
RIH & TAG @ 1332' - TRY TO TEST CASING - NO TEST - POOH - PERFORATE @ 350' - RIH &
SPOT 25 SXS @ 350' - POOH - WOC - RIH & TAG @ 200' - BILLY PRITCHARD WANTS TO
REPERF - PERFORATE @ 200' - RIH & SPOT 80 SXS CEMENT TO SURFACE ON BACKSIDE
LEAVING CASING FULL - RIG DOWN - CUT OFF WELLHEAD & ANCHORS - INSTALL DRY
HOLE MARKER - COVER PIT & CELLAR - MOVE OUT

| | |
|---|--------------|
| 1 HR RIG FOR EXTRA PERF & CEMENT | .. \$ 170.00 |
| 1 - EXTRA PERF @ 200' | .. \$ 450.00 |
| 74 SXS CEMENT @ 10.00/SACK (BID 96 USED 170 SXS) | .. \$ 740.00 |

CREDIT:

COST = \$ 14,933.00

MAYO MARRS CASING PULLING INC.
BOX 863
KERMIT, TEXAS 79745

NEW MEXICO OCD HOBBS
BID ID # 40-521-07-00223
CONTRACT # 04-521-0750-0116

OPERATOR: SIERRA BLANCA OPERATING CO.
Lease: ~~NORTHEAST~~ CAPROCK QUEEN UNIT # 12
Project: P & A – CEMENTING REPORT

09-20-04 – SPOT 25 SXS @ 2950'-2820' & TAG
09-20-04 – SPOT 40 SXS @ 1550'-1332' & TAG
09-21-04 – TEST CASING TO 1000#
09-21-04 – SPOT 25 SXS @ 350'-200' & TAG
09-21-04 – SPOT 80 SXS @ 200' TO SURFACE

INSTALL DRY HOLE MARKER
CIRCULATE 10# MUD

CELERO ENERGY

FIELD: Caprock
LEASE/UNIT: State 32(formerly NCQU 1 TR 11 SEC 32L #12)
COUNTY: Lea

DATE: 30-Sep-12
BY: MWM
WELL: 4
STATE: New Mexico

Location: 1980' FSL & 660' FWL, Sec 32L, T12S, R32E

SPUD: 2/48 COMP: 3/48

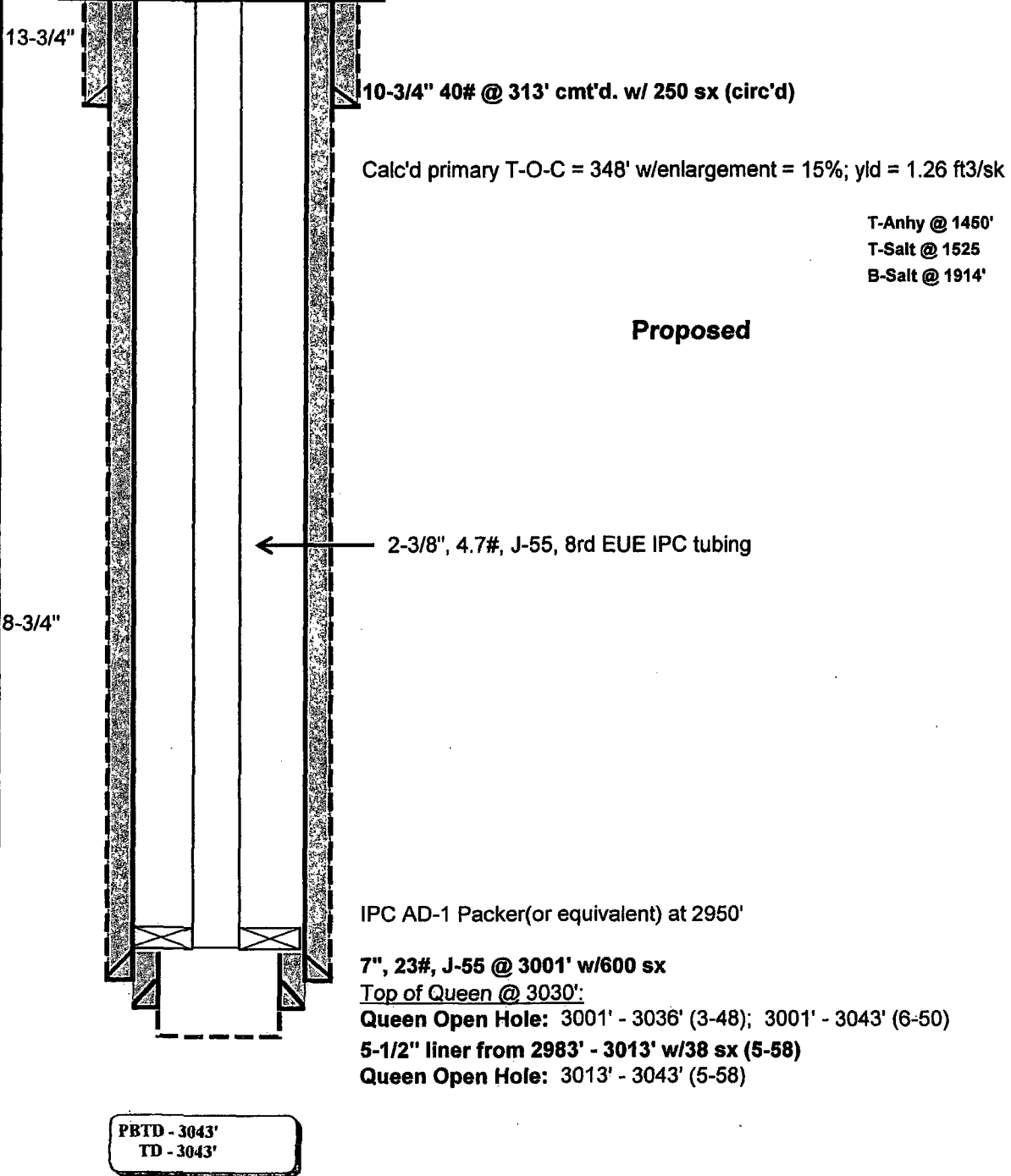
CURRENT STATUS: P&A Injector (09-04)

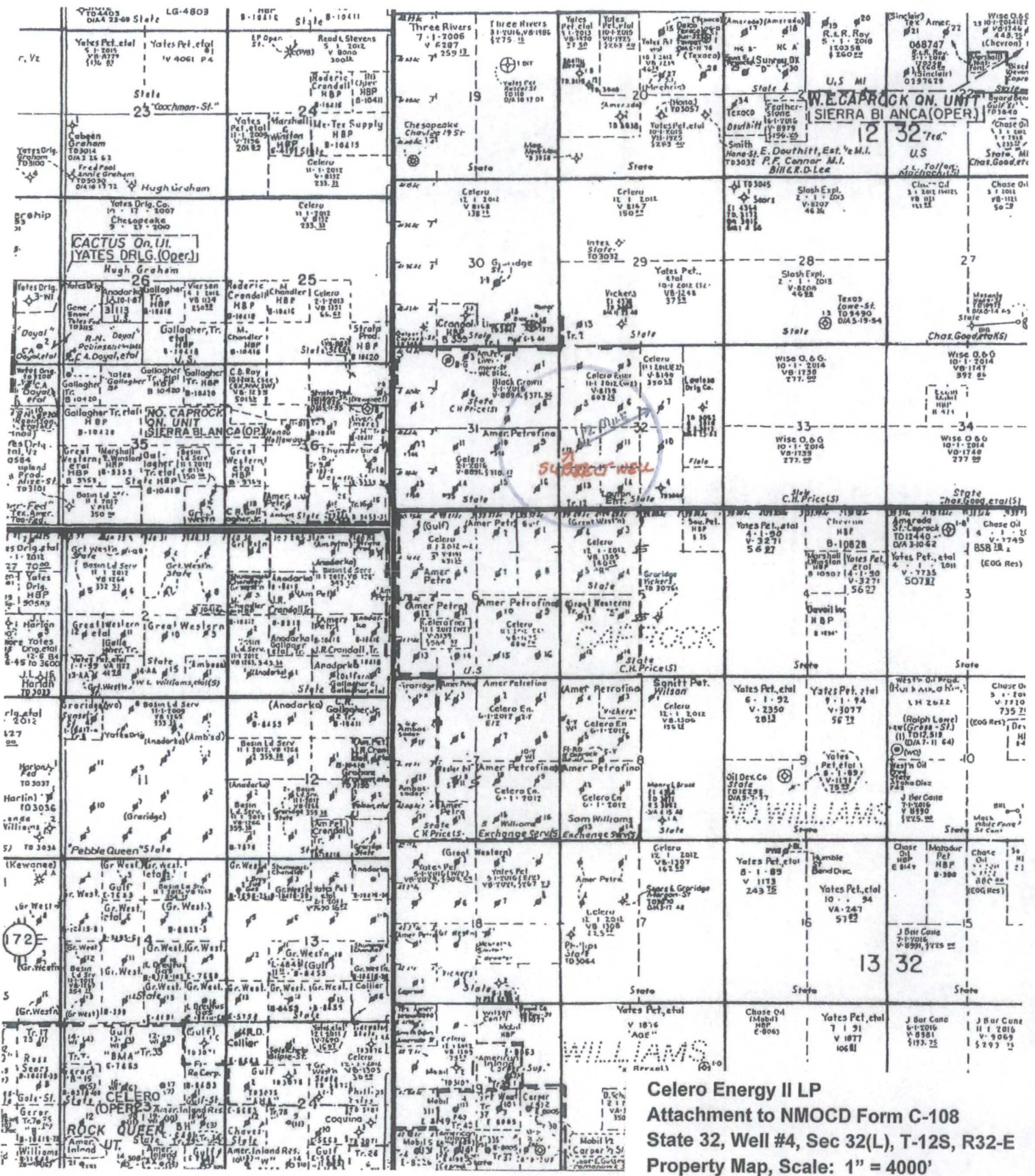
Original Well Name: Mid-Continent Petroleum Corp. State Land # 13

KB =

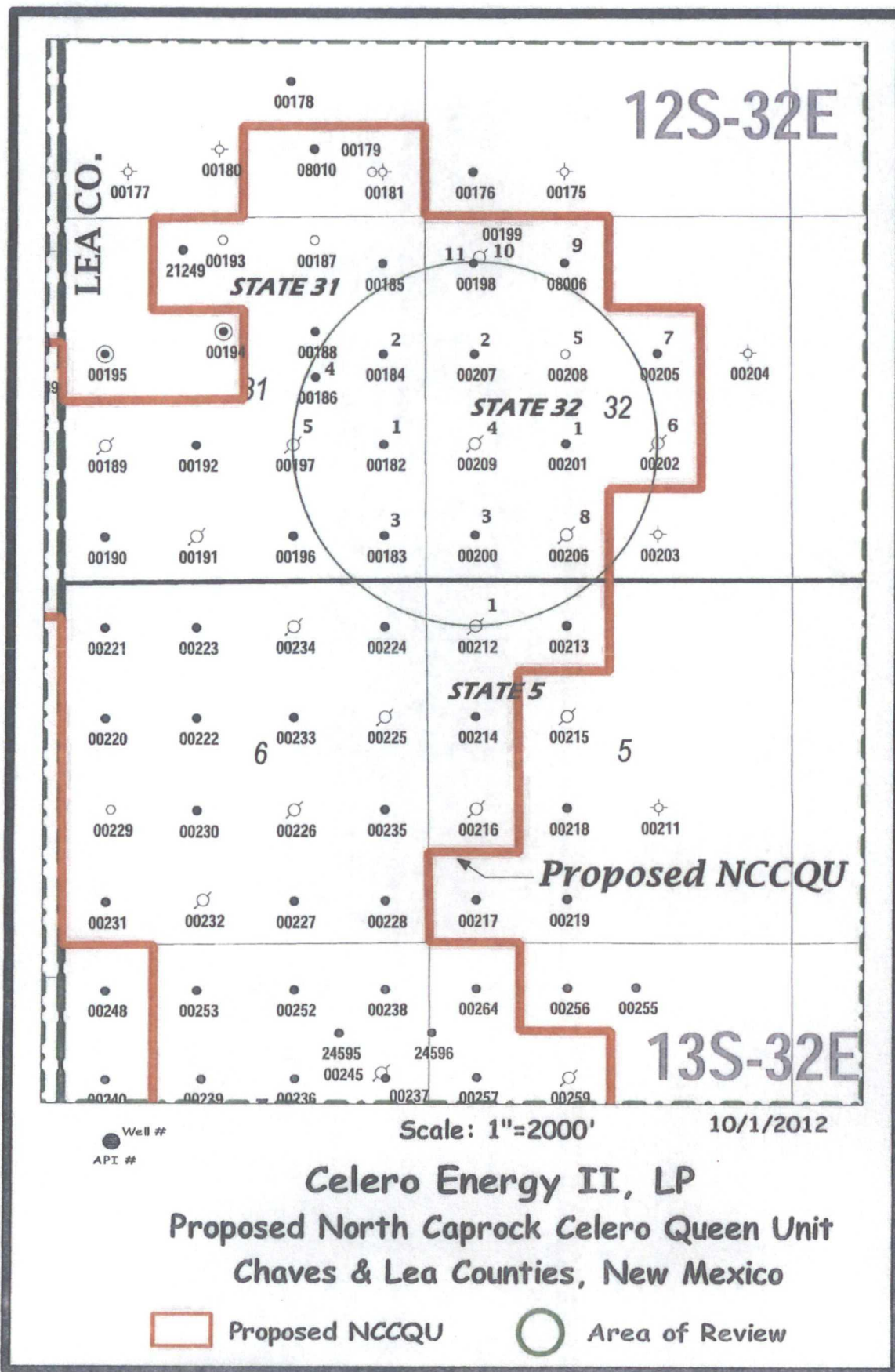
GL = 4372' top CHF

API = 30-025-00209





Celero Energy II LP
Attachment to NMOCD Form C-108
State 32, Well #4, Sec 32(L), T-12S, R32-E
Property Map, Scale: 1" = 400'
Chaves and Lea Counties, New Mexico



LEA CO.

12S-32E

STATE 31

STATE 32

STATE 5

Proposed NCCQU

13S-32E

Well #
API #

Scale: 1"=2000'

10/1/2012

Celero Energy II, LP
Proposed North Caprock Celero Queen Unit
Chaves & Lea Counties, New Mexico

Proposed NCCQU Area of Review

Celero Energy II, LP

Attachment to New Mexico Form C-108, Wells Within Area-of-Review, N. M. State 32, Well #4

| L & W Name | API Number | Location | | Well Type | Well construction | | | | | | Date Drilled (mm/yy) | Total Depth (ft) | Completion Depth | |
|---------------|--------------|---------------------|--------------|-----------|-------------------|-------|--------|-----------------------|-----------|--------|----------------------|------------------|------------------|-------------|
| | | Footage | UL-S-T-R | | Surface Casing | | | Production casing/Inr | | | | | Type | Interval |
| | | | | | Size-wght | Depth | Sx cmt | Size-wght | Depth | Sx cmt | | | | |
| State 32, #1 | 30-025-00201 | 1980 FSL & 1980 FWL | K-32-12S-32E | P&A | 8-5/8"-28# | 308 | 150 | 5-1/2"-15# | 3015 | 600 | Apr-48 | 3035 | O-H | 3015'-3035' |
| State 32, #2 | 30-025-00207 | 1980 FNL & 660 FWL | E-32-12S-32E | P&A | 9-5/8"-40# | 313 | 175 | 5-1/2"-14# | 3021 | 700 | Jun-48 | 3024 | O-H | 3021'-3024' |
| State 32, #3 | 30-025-00200 | 660 FSL & 660 FWL | M-32-12S-32E | P&A | 8-5/8"-25# | 309 | 150 | 5-1/2"-14# | 3023 | 600 | Apr-48 | 3046 | O-H | 3023'-3046' |
| State 32, #5 | 30-025-00208 | 1980 FNL & 1979 FWL | F-32-12S-32E | P&A | 8-5/8"-32# | 318 | 175 | 5-1/2"-14# | 3006 | 855 | Aug-48 | 3048 | O-H | 3006'-3048' |
| | | | | | | | | 4-1/2"-N/A | 2883-3014 | 50 | Dec-58 | 3048 | O-H | 3014'-3046' |
| State 32, #6 | 30-025-00202 | 1980 FSL & 1980 FEL | J-32-12S-32E | P&A | 8-5/8"-25# | 296 | 150 | 5-1/2"-15# | 3025 | 600 | Dec-48 | 3047 | O-H | 3025'-3047' |
| | | | | | | | | 4-1/2"-N/A | 2973-3020 | 75 | Jan-59 | 3038 | O-H | 3020'-3038' |
| State 32, #8 | 30-025-00206 | 660 FSL & 1978 FWL | N-32-12S-32E | P&A | 9-5/8"-40# | 294 | 175 | 5-1/2"-14# | 3002 | 700 | Jul-48 | 3043 | O-H | 3002'-3043' |
| | | | | | | | | 4-1/2"-N/A | 2897-3027 | 50 | Jul-58 | 3057 | O-H | 3027'-3057' |
| State 32, #10 | 30-025-00199 | 575 FNL & 745 FWL | D-32-12S-32E | P&A | 8-5/8"-32# | 324 | 160 | 4-1/2"-9.5# | 3005 | 300 | Jan-59 | 3026 | O-H | 3005'-3026' |
| | | | | | | | | 3-1/2"-9.2# | 2871-3026 | 175 | Mar-61 | 3026 | PERF | 3021'-3026' |
| State 32, #11 | 30-025-00198 | 660 FNL & 660 FWL | D-32-12S-32E | P&A | 8-5/8"-28# | 307 | 150 | 5-1/2"-17# | 3008 | 600 | Aug-48 | 3037 | O-H | 3008'-3037' |
| State 31, #1 | 30-025-00182 | 1980 FSL & 660 FEL | I-31-12S-32E | P&A | 10-3/4"-36# | 272 | 150 | 6-5/8"-20# | 3003 | 600 | Jul-48 | 3020 | O-H | 3003'-3020' |
| State 31, #2 | 30-025-00184 | 1980 FNL & 660 FEL | H-31-12S-32E | P&A | 10-3/4"-32# | 297 | 150 | 7"-NA | 3000 | 600 | Oct-48 | 3045 | O-H | 3020'-3045' |
| | | | | | | | | 4-1/2"-9.5# | Surf-3022 | 300+ | Apr-58 | 3046 | O-H | 3022'-3045' |
| State 31, #3 | 30-025-00183 | 660 FSL & 660 FEL | P-31-12S-32E | P&A | 10-3/4"-36# | 277 | 150 | 7"-20# | 3011 | 600 | Aug-48 | 3033 | O-H | 3011'-3033' |
| State 31, #4 | 30-025-00186 | 2310 FNL & 1650 FEL | G-31-12S-32E | P&A | 8-5/8"-28# | 293 | 175 | 5-1/2"-14# | 3014 | 300 | Dec-57 | 3023 | O-H | 3014'-3023' |
| State 31, #5 | 30-025-00197 | 3300 FNL & 1980 FEL | J-31-12S-32E | P&A | 8-5/8"-25# | 258 | 125 | 5-1/2"-15# | 2977 | 600 | Jun-45 | 3015 | O-H | 2977'-3015' |
| | | | | | | | | 4-1/2"-N/A | 2881-3009 | 75 | Jan-56 | 3031 | O-H | 3009'-3031' |
| State 5, #1 | 30-025-00212 | 660 FNL & 660 FWL | D-5-13S-32E | P&A | 8-5/8"-25# | 299 | 150 | 5-1/2"-14# | 3030 | 600 | May-48 | 3045 | O-H | 3030'-3045' |
| | | | | | | | | 4-1/2"-N/A | 3005-3035 | N/A | Feb-57 | 3045 | O-H | 3035'-3045' |

CELERO ENERGY

FIELD: Caprock
LEASE/UNIT: State 32 (Formerly NCQU 1 TR 12 32-11)
COUNTY: Lea

DATE: 29-Sep-12
BY: MWM
WELL: 1
STATE: New Mexico

Location: 1980' FSL & 1980' FWL, Sec 32K, T12S, R32E

SPUD: 4/48 COMP: 5/48

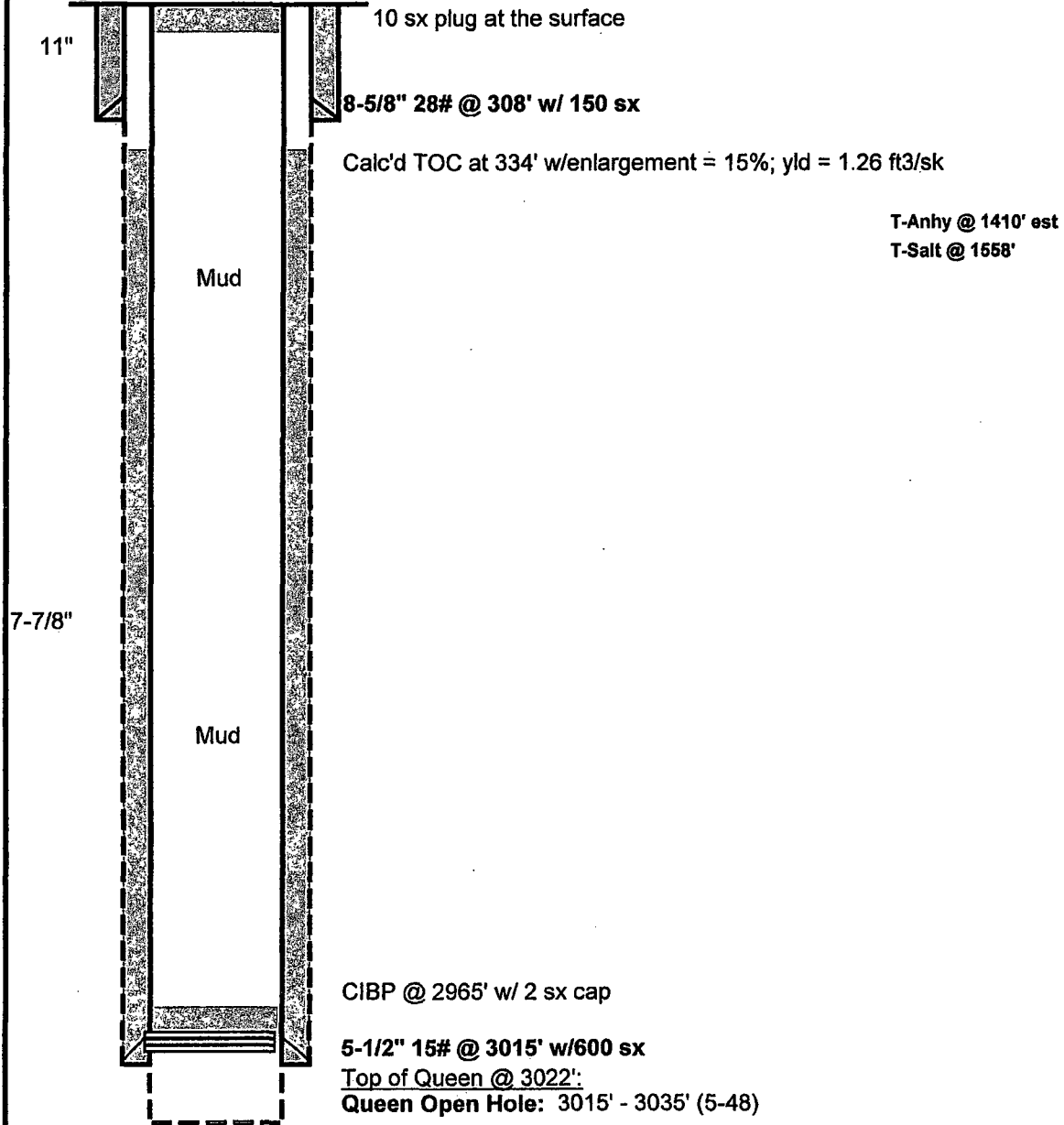
CURRENT STATUS: P&A Producer (06-69)

Original Well Name: Great Western Producers, Inc. State "Q" # 2

KB =

GL = 4,373'

API = 30-025-00201



| | |
|------------------------|----------|
| NO. OF COPIES RECEIVED | 3 |
| DISTRIBUTION | |
| SANTA FE | |
| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION

FFB 254971
 Form C-103
 Substituted for Old
 C-103 Form C-103
 Effective 1-1-65

30-025-00201

| | |
|---|------------------------------|
| 5a. Indicate Type of Lease | |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |
| 7. Unit Agreement Name | |
| 8. Farm or Lease Name North Caprock Queen Unit #1 | |
| 9. Well No. Tr. 12 No. 11 | |
| 10. Field and Pool, or Wildcat North Caprock Queen | |
| 15. Elevation (Show whether DF, RT, GR, etc.) | |
| 12. County Lea | |

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

| | |
|--|--|
| 1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- | 7. Unit Agreement Name |
| 2. Name of Operator American Petrofina Company of Texas | 8. Farm or Lease Name North Caprock Queen Unit #1 |
| 3. Address of Operator Box 1311, Big Spring, Texas 79720 | 9. Well No. Tr. 12 No. 11 |
| 4. Location of Well UNIT LETTER K 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE, SECTION 32 TOWNSHIP 12S RANGE 32E NMPM. | 10. Field and Pool, or Wildcat North Caprock Queen |
| 15. Elevation (Show whether DF, RT, GR, etc.) -- | 12. County Lea |

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

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|---|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | PLUG AND ABANDONMENT <input checked="" type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> | OTHER <input type="checkbox"/> |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

6-30-69 - Set C.I. bridge plug in 5-1/2" casing at 2965' and dumped 2 sks cement on top of plug.

Ran 2-3/8" tubing and circulated hole with mud laden fluid.

Placed 10 sks cement plug in top of 5-1/2" casing and set 4-1/2" pipe marker.

JCC:ft

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED *J.M. Denson* **J.M. Denson** TITLE **Asst. District Mgr. of Prod.** DATE **2/24/70**

APPROVED BY *John W. Runyan* TITLE **Geologist** DATE **MAR 2 1970**

CONDITIONS OF APPROVAL, IF ANY:

CELERO ENERGY

FIELD: Caprock
LEASE/UNIT: State 32 (formerly NCQU 1 TR 6 32-5)
COUNTY: Lea

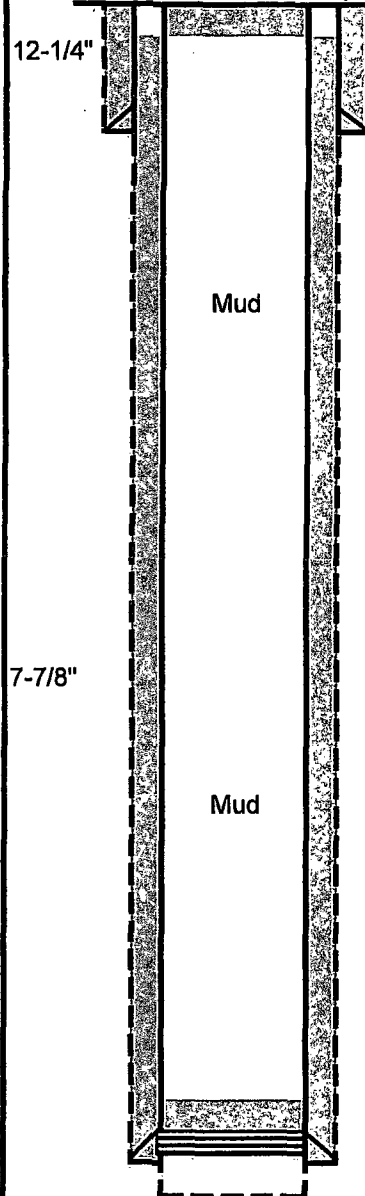
DATE: 29-Sep-12
BY: MWM
WELL: 2
STATE: New Mexico

Location: 1980' FNL & 660' FWL, Sec 32E, T12S, R32E
SPUD: 6/48 COMP: 6/48
CURRENT STATUS: P&A Producer (06-69)
Original Well Name: Phillips Petrol. Co. Rock # 1

KB =
GL = 4372' top CHF
API = 30-025-00207

12-1/4" 10 sx plug at the surface
TOC @ 50' (TS)
9-5/8" 40# @ 313' w/ 175 sx (circ)

T-Anhy @ 1365' est
T-Anhy/salt @ 1462' est



CIBP @ 2971' w/ 2 sx cap

5-1/2" 14#, H-40 @ 3021' w/700 sx

Top of Queen @ 3021':

Queen Open Hole: 3021' - 3024' (6-48)

PBTD - 3024'
TD - 3024'

| | |
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| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

30-025-00207

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

| | |
|---|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/> | 7. Unit Agreement Name |
| 2. Name of Operator AMERICAN PETROFINA COMPANY OF TEXAS | 8. Farm or Lease Name North Caprock Queen Unit No. 1 |
| 3. Address of Operator Box 1311, Big Spring, Texas 79720 | 9. Well No. Tr. 6 No. 5 |
| 4. Location of Well UNIT LETTER E 660 FEET FROM THE West LINE AND 1980 FEET FROM THE North LINE, SECTION 32 TOWNSHIP 12S RANGE 32E NMPM. | 10. Field and Pool, or Wildcat North Caprock Queen |
| 15. Elevation (Show whether DF, RT, GR, etc.) 4379 DF | 12. County Lea |

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

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|---|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPS. <input type="checkbox"/> | PLUG AND ABANDONMENT <input checked="" type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> | OTHER <input type="checkbox"/> |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

6-30-69 Set C.I. bridge plug in 5-1/2" casing at 2971' and dumped 2 sx cement on top plug. Ran 2-3/8" tubing and circulated hole with mud laden fluid. Placed 10 sx cement plug in top of 5-1/2" casing and set 4-1/2" pipe marker.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED John M. Denson J. M. Denson TITLE Asst. Dist. Mgr. of Production DATE February 24, 1970

APPROVED BY John W. Runyan TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

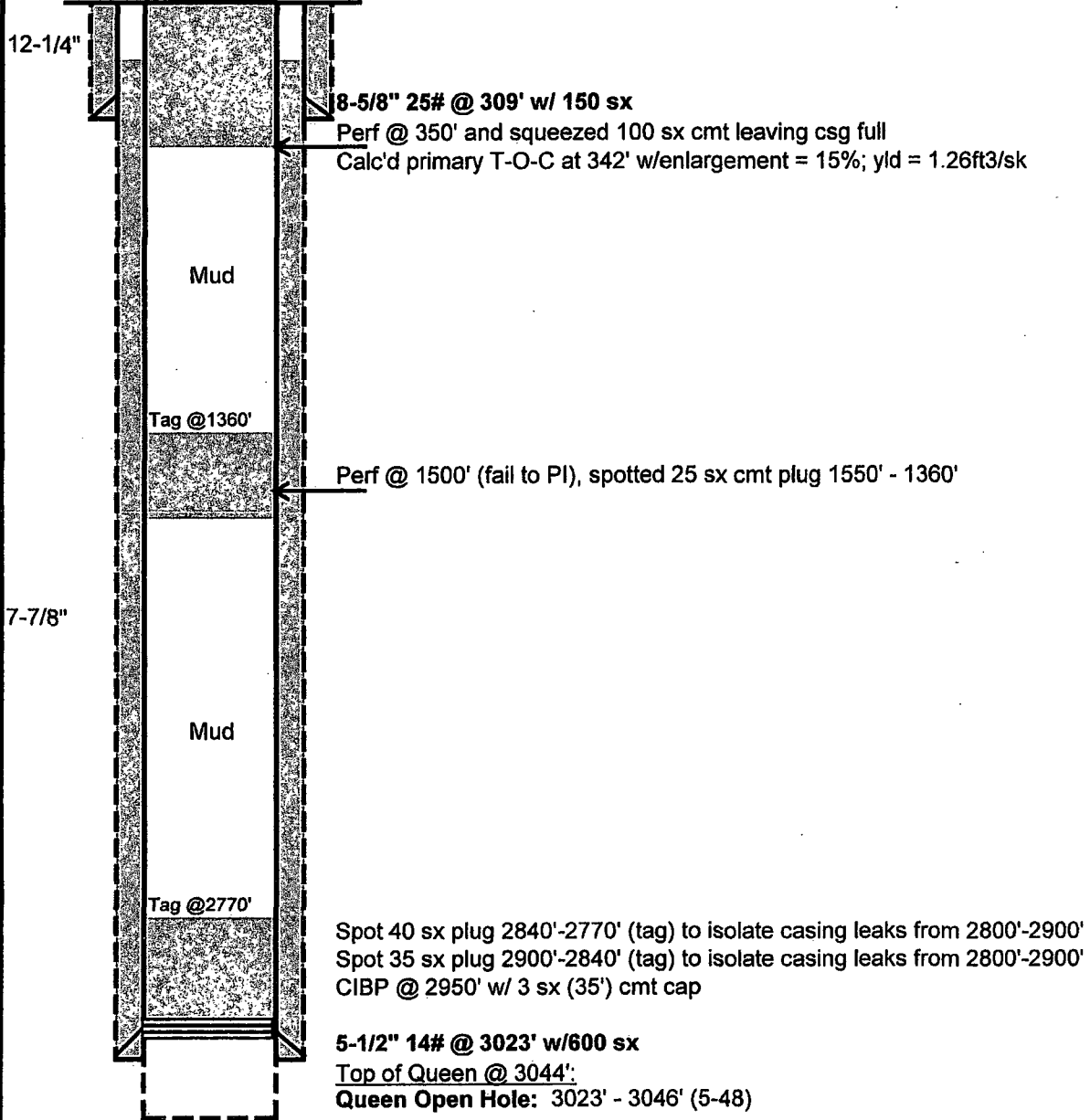
CELERO ENERGY

FIELD: Caprock
LEASE/UNIT: State 32 (formerly NCQU.1 TR 12 SEC 32M #13)
COUNTY: Lea

DATE: 30-Sep-12
BY: MWM
WELL: 3
STATE: New Mexico

Location: 660' FSL & 660' FWL, Sec 32M, T12S, R32E
 SPUD: 4/48 COMP: 5/48
 CURRENT STATUS: P&A Producer (09-04)
 Original Well Name: Great Western Producers, Inc. State "Q" # 1

KB =
GL = 4,380'
API = 30-025-00200



PBTD - 3046'
 TD - 3046'

MAYO MARRS CASING PULLING INC.
BOX 863 KERMIT, TEXAS 79745

NEW MEXICO OCD

SUPERVISOR-FRANK RIVAS

Lease: NOR
THE ~~AS~~ CAPROCK QUEEN UNIT
Well: # 13
Operator: SIERRA BLANCA OPERATING CO.
Project: P & A -
Contract: 04-521-0750-0116
IFB #: 40-521-07-00223

30-025-00200

BID = \$ 13,573.00

9-15-04 (4)

MIRU - NUBOP - POOH WITH 90 JOINTS 2 3/8" TUBING - RIH & SET CIBP @ 2950' - DUMP 35'
(3 SXS) CEMENT ON TOP - RIH WITH TUBING TO 600' - CLOSE IN WELL

9-16-04 (13)

RIH TO 2900' - PUMP 10# MUD - WELL DID NOT CIR. - HOLE IN CASING - RIH WITH PACKER
& LOCATE HOLES @ 2800'-2900' - SPOT 35 SXS @ 2900' - POOH - WOC 3 HRS - TAG @ 2840'
RESET PLUG - SPOT 40 SXS 2 1/2% CACL @ 2840' - POOH - WOC - TAG @ 2770' CLOSE BOP -
TEST TO 1000# - CIR. MUD - POOH - PERF. @ 1500' - TEST TO 1000# - RIH & SPOT 25 SXS @
1550' - POOH - CLOSE IN WELL

| | |
|--------------------------------------|----------------|
| 6 HRS RIG TO RESET PLUG, WOC & TAG | .. \$ 1,020.00 |
| PUMP TRUCK TO SET EXTRA PLUG | .. \$ 275.00 |
| WATER FOR EXTRA CEMENT & CIRCULATING | .. \$ 220.00 |
| 12 SXS SALT GEL | .. \$ 90.00 |
| PACKER RENTAL TO TEST FOR HOLES | .. \$ 25.00 |

9-17-04 (12)

RIH & TAG @ 1360' - CIR. MUD - POOH - PERF. @ 350' - NUWH - SQUEEZE 100 SXS TO
SURFACE LEAVING CASING FULL - RIG DOWN - CUT OFF WELLHEAD & ANCHORS -
INSTALL DRY HOLE MARKER - COVER PIT & CELLAR - MOVE OUT

104 SXS CEMENT @ 10.00/SACK .. \$ 1,040.00
(BID 96 USED 200 SXS)

CREDIT:

2700' OF 2 3/8" TUBING @ \$.20/FT .. - 540.00

COST = \$ 15,703.00

MAYO MARRS CASING PULLING INC.
BOX 863
KERMIT, TEXAS 79745

NEW MEXICO OCD HOBBS
BID ID # 40-521-07-00223
CONTRACT # 04-521-0750-0116

OPERATOR: SIERRA BLANCA OPERATING CO.
Lease: ~~NORTHEAST~~ CAPROCK QUEEN UNIT # 13
Project: P & A – CEMENTING REPORT

09-15-04 – SET CIBP @ 2950'- DUMP 3 SXS (35') ON TOP TO 2915'
09-16-04 – SPOT 35 SXS @ 2900'-2840' & TAG
09-16-04 – SPOT 40 SXS @ 2840'-2770' & TAG
09-16-04 – TEST CASING TO 1000#
09-16-04 – SPOT 25 SXS @ 1550'-1360' & TAG
09-17-04 - PERFORATE @ 350'
09-17-04 – SQUEEZE 100 SXS @ 350' TO SURFACE

INSTALL DRY HOLE MARKER
CIRCULATE 10# MUD

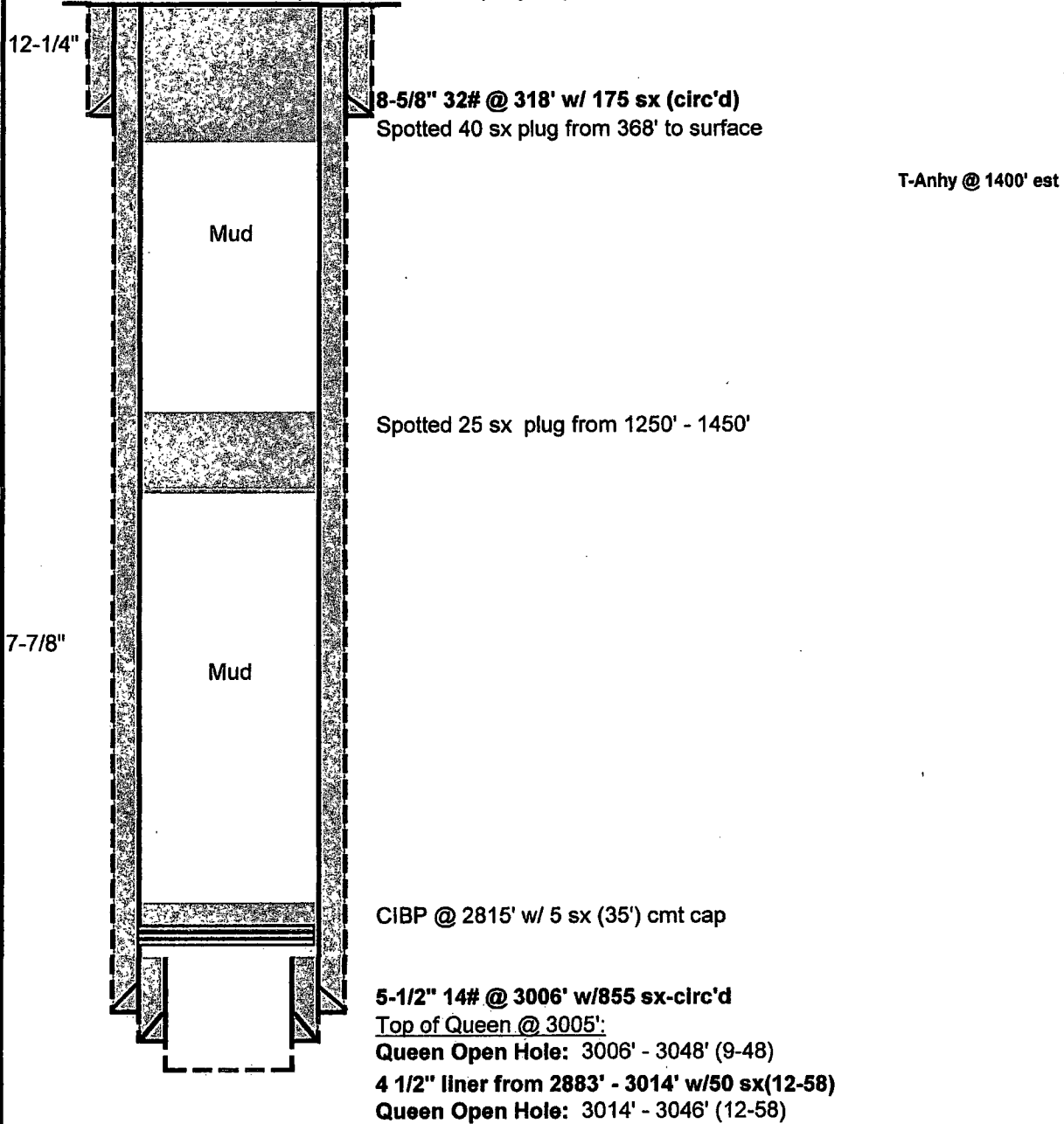
CELERO ENERGY

FIELD: Caprock
LEASE/UNIT: State 32 (formerly NCQU 1 TR 6 SEC 32F #6)
COUNTY: Lea

DATE: 30-Sep-12
BY: MWM
WELL: 5
STATE: New Mexico

Location: 1980' FNL & 1979' FWL, Sec 32F, T12S, R32E
 SPUD: 8/48 COMP: 9/48
 CURRENT STATUS: P&A Injector (09-04)
 Original Well Name: Phillips Petroleum Company Caprock # 2

KB =
GL = 4376' top CHF
API = 30-025-00208



PBTD - 3046'
TD - 3048'

MAYO MARRS CASING PULLING INC.
BOX 863 KERMIT, TEXAS 79745

NEW MEXICO OCD

SUPERVISOR-FRANK RIVAS

Lease: NORTHEAST CAPROCK QUEEN UNIT
Well: #6
Operator: SIERRA BLANCA OPERATING CO.
Project: P & A -
Contract: 04-521-0750-0116
IRB #: 40-521-07-00223

30-025-00208

BID = \$ 13,573.00

9-08-04 (4)

MIRU - NUBOP - NO TUBING IN WELL - RIH WITH GAUGE RING TO 2820' - RIH & SET CIBP @ 2815' - CAP WITH 35' CEMENT (5 SXS) - RIH WITH MMCPI WORKSTRING & RIH & CIRCULATE 10# MUD - TEST CASING TO 1000# - POOH - SPOT 25 SXS @ 1450'-1250' - POOH & SPOT 40 SXS @ 368' TO SURFACE - RIG DOWN- CUT OFF WELLHEAD & ANCHORS - INSTALL DRY HOLE MARKER - COVER PIT & CELLAR - MOVE OUT

CREDIT:

1 WELLHEAD

.. - 50.00

26 SXS CEMENT @ 10.00/SACK
(BID 96 USED 70 SXS)

.. - 260.00

COST = \$ 13,263.00

MAYO MARRS CASING PULLING INC.
BOX 863
KERMIT, TEXAS 79745

NEW MEXICO OCD HOBBS
BID ID # 40-521-07-00223
CONTRACT # 04-521-0750-0116

OPERATOR: SIERRA BLANCA OPERATING CO.
Lease: NORTHEAST CAPROCK QUEEN UNIT # 6
Project: P & A - CEMENTING REPORT

09-08-04 - SET CIBP @ 2815' - DUMP 5 SXS (35') ON TOP - 2785'
09-08-04 - TEST CASING TO 1000#
09-08-04 - SPOT 25 SXS @ 1450'-1250'
09-08-04 - SPOT 40 SXS @ 368' TO SURFACE

INSTALL DRY HOLE MARKER
CIRCULATE 10# MUD

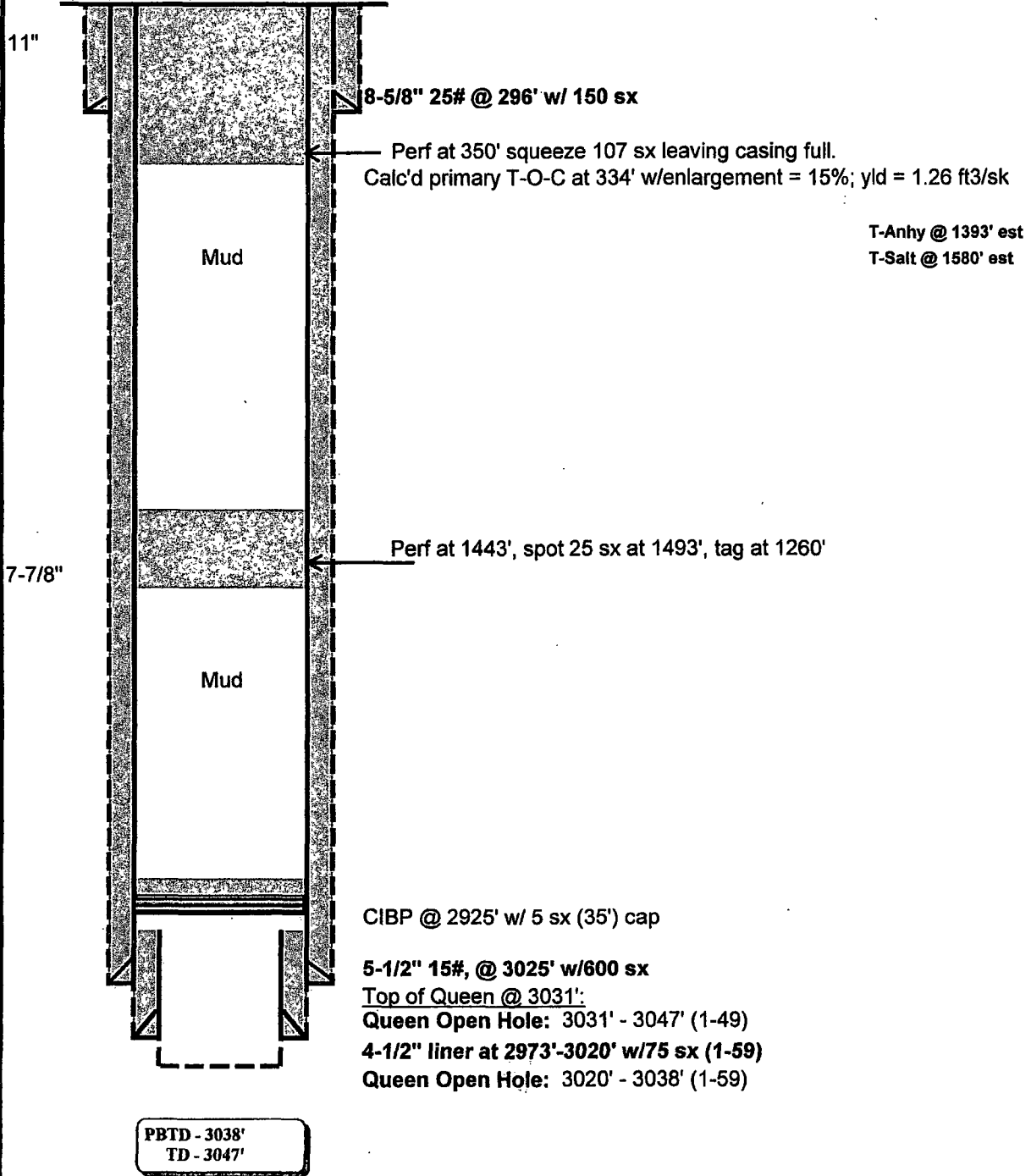
CELERO ENERGY

FIELD: Caprock
LEASE/UNIT: State 32 (formerly NCQU 1 TR 12 32J #10)
COUNTY: Lea

DATE: 30-Sep-12
BY: MWM
WELL: 6
STATE: New Mexico

Location: 1980' FSL & 1980' FEL, Sec 32J, T12S, R32E
SPUD: 12/48 **COMP:** 1/49
CURRENT STATUS: P&A Injector (09-04)
Original Well Name: Great Western Producers, Inc. State "Q" #3

KB =
GL = 4,373'
API = 30-025-00202



MAYO MARRS CASING PULLING INC.
BOX 863 KERMIT, TEXAS 79745

NEW MEXICO OCD

SUPERVISOR-FRANK RIVAS

Lease: NORTHEAST CAPROCK QUEEN UNIT
Well: # 10
Operator: SIERRA BLANCA OPERATING CO.
Project: P & A -
Contract: 04-521-0750-0116
IFB #: 40-521-07-00223

30-025-00202

BID = \$ 13,573.00

9-09-04 (13)

MIRU - NUBOP - NO TUBING IN WELL - RIH WITH GAUGE RING TO 2930' - RIH & SET CIBP @ 2925' - CAP WITH 35' CEMENT (5 SXS) - RIH WITH MMCPI WORKSTRING & RIH & CIRCULATE 10# MUD - TEST CASING TO 1000# - POOH - PERFORATE @ 1443' - TEST TO 1000# - RIH & SPOT 25 SXS @ 1493' - POOH - WOC - RIH & TAG @ 1260' - POOH - PERFORATE @ 350' - NUWH - SQUEEZE 107 SXS @ 350' TO SURFACE LEAVING CASING FULL -

9-10-04 (3HRS)

RIG DOWN- CUT OFF WELLHEAD & ANCHORS - INSTALL DRY HOLE MARKER - COVER PIT & CELLAR - MOVE OUT

41 SXS CEMENT @ 10.00/SACK
(BID 96 USED 137 SXS)

.. \$ 410.00

CREDIT:
1 WELLHEAD

.. - 50.00

COST = \$ 13,933.00

MAYO MARRS CASING PULLING INC.
BOX 863
KERMIT, TEXAS 79745

NEW MEXICO OCD HOBBS
BID ID # 40-521-07-00223
CONTRACT # 04-521-0750-0116

OPERATOR: SIERRA BLANCA OPERATING CO.
Lease: NORTHEAST CAPROCK QUEEN UNIT # 10
Project: P & A - CEMENTING REPORT

09-09-04 - SET CIBP @ 2925' - DUMP 5 SXS (35') ON TOP - 2890'
09-09-04 - PERFORATE @ 1443' - TEST TO 1000#
09-09-04 - SPOT 25 SXS @ 1493'-1260' & TAG
09-09-04 - PERFORATE @ 350'
09-09-04 - SQUEEZE 107 SXS @ 350' TO SURFACE

INSTALL DRY HOLE MARKER
CIRCULATE 10# MUD

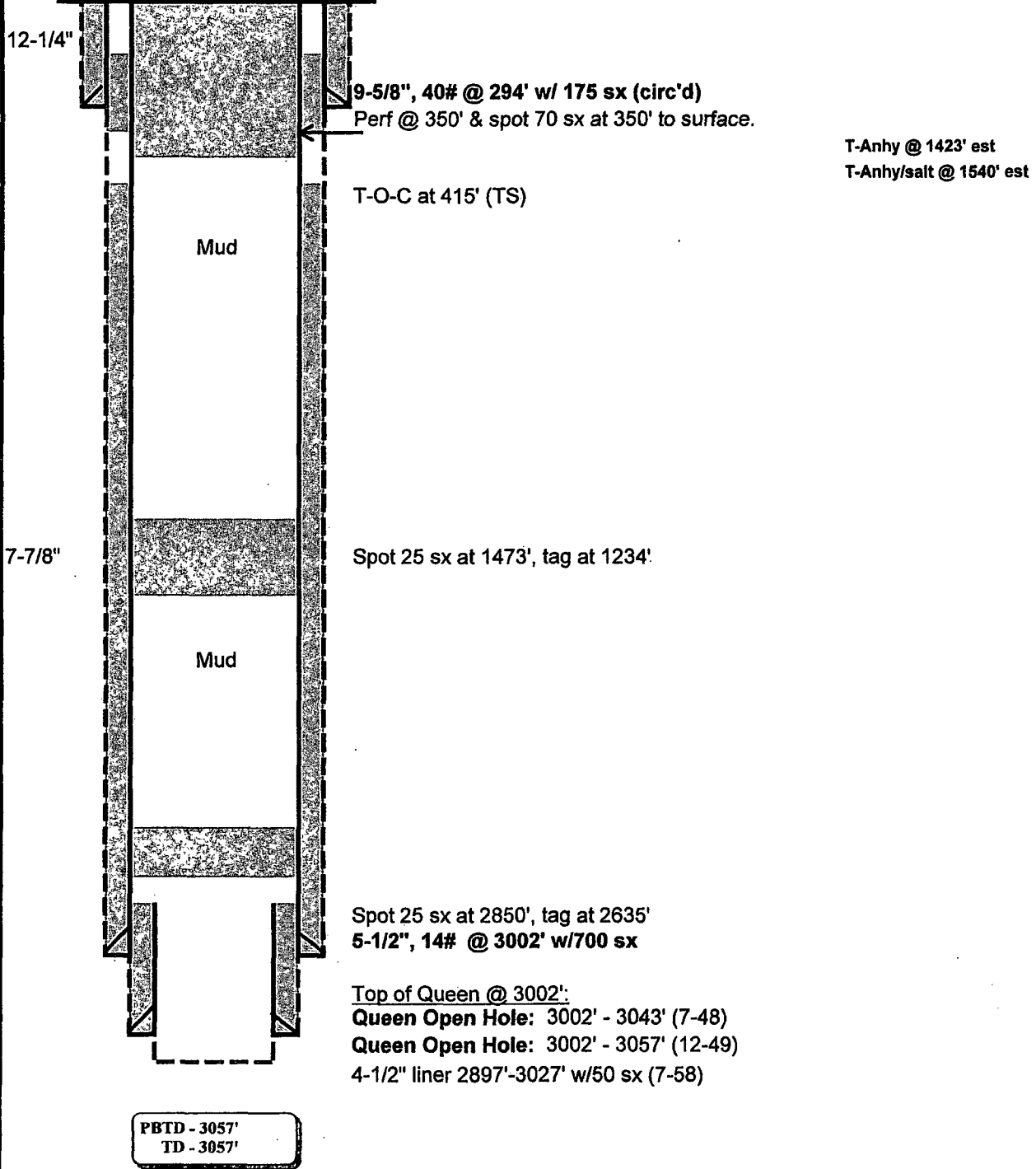
CELERO ENERGY

FIELD: Caprock
LEASE/UNIT: State 32 (formerly NCQU 1 TR 6 Sec 32N #14)
COUNTY: Lea

DATE: 1-Oct-12
BY: MWM
WELL: 8
STATE: New Mexico

Location: 660' FSL & 1978' FWL, Sec 32N, T12S, R32E
 SPUD: 7/48 COMP: 7/48
 CURRENT STATUS: P&A Injector (9-04)
 Original Well Name: Phillips Petroleum Co. Cap State # 1

KB =
GL = 4367' top CHF
API = 30-025-00206



30-025-00206

MAYO MARRS CASING PULLING INC.
BOX 863 KERMIT, TEXAS 79745

NEW MEXICO OCD

SUPERVISOR-FRANK RIVAS

Lease: ~~NORTHEAST~~ CAPROCK QUEEN UNIT
Well: # 14
Operator: SIERRA BLANCA OPERATING CO.
Project: P & A -
Contract: 04-521-0750-0116
IFB #: 40-521-07-00223

BID = \$ 13,573.00

9-10-04 (4)

MIRU - NUBOP - NO TUBING IN WELL - WELD ON WELLHEAD - NUBOP - RIH WITH GAUGE RING TO 10' - RIH WITH TUBING WITH KNOTCHED COLLAR - SPIN ON BRIDGE WITH TONGS & PUMP WATER - POOH - CLOSE IN WELL

3 HRS RIG TIME @ \$ 170.00/HR .. \$ 510.00
(DRILL & WASH)

9-13-04 (10)

RIH WITH 4 1/4" BIT & SWIVEL - DRILL & CIRCULATE FROM 10' TO 150' - POOH WITH BIT - RIH OPEN ENDED & SPOT 25 SXS @ 2850' - POOH - CLOSE IN WELL

4 HRS RIG TO DRILL .. \$ 680.00
BIT & SWIVEL .. \$ 250.00
WATER FOR DRILLING .. \$ 50.00
PUMP TO DRILL & CIRCULATE .. \$ 25.00

9-14-04 (12)

RIH & TAG @ 2635' - CIRCULATE 9.5# MUD - HOLE IN CASING - POOH - RIH WITH PACKER TO 15' - POOH - RIH & SPOT 25 SXS @ 1473' - POOH - WOC - RIH & TAG @ 1234' - POOH - PERFORATE @ 350' - RIH & SPOT 25 SXS @ 400' - POOH - WOC - RIH & TAG @ 355' - BILL PRITCHARD WANTS TO RESET PLUG - SPOT 25 SXS @ 355' - POOH

1 HR RIG TO RESET PLUG .. \$ 170.00
PUMP TRUCK TO RESET PLUG .. \$ 275.00

9-15-04 (5HRS)

RIH & TAG @ 170' - SPOT 20 SXS @ 170' TO SURFACE - RIG DOWN - CUT OFF WELLHEAD & ANCHORS - INSTALL DRY HOLE MARKER - COVER PIT & CELLAR - MOVE OUT

24 SXS CEMENT @ 10.00/SACK .. \$ 240.00
(BID 96 USED 120 SXS)

CREDIT:

COST = \$ 15,773.00

MAYO MARRS CASING PULLING INC.
BOX 863
KERMIT, TEXAS 79745

NEW MEXICO OCD HOBBS
BID ID # 40-521-07-00223
CONTRACT # 04-521-0750-0116

OPERATOR: SIERRA BLANCA OPERATING CO.
Lease: NORTHERN CAPROCK QUEEN UNIT # 14
Project: P & A - CEMENTING REPORT

09-13-04 - SPOT 25 SXS @ 2850'-2635' & TAG
09-14-04 - SPOT 25 SXS @ 1473'-1234' & TAG
09-14-04 - PERFORATE @ 350'-
09-14-04 - SPOT 25 SXS @ 400'-355' & TAG
09-14-04 - SPOT 25 SXS @ 355'-170' & TAG
09-15-04 - SPOT 20 SXS @ 170' TO SURFACE

INSTALL DRY HOLE MARKER
CIRCULATE 10# MUD

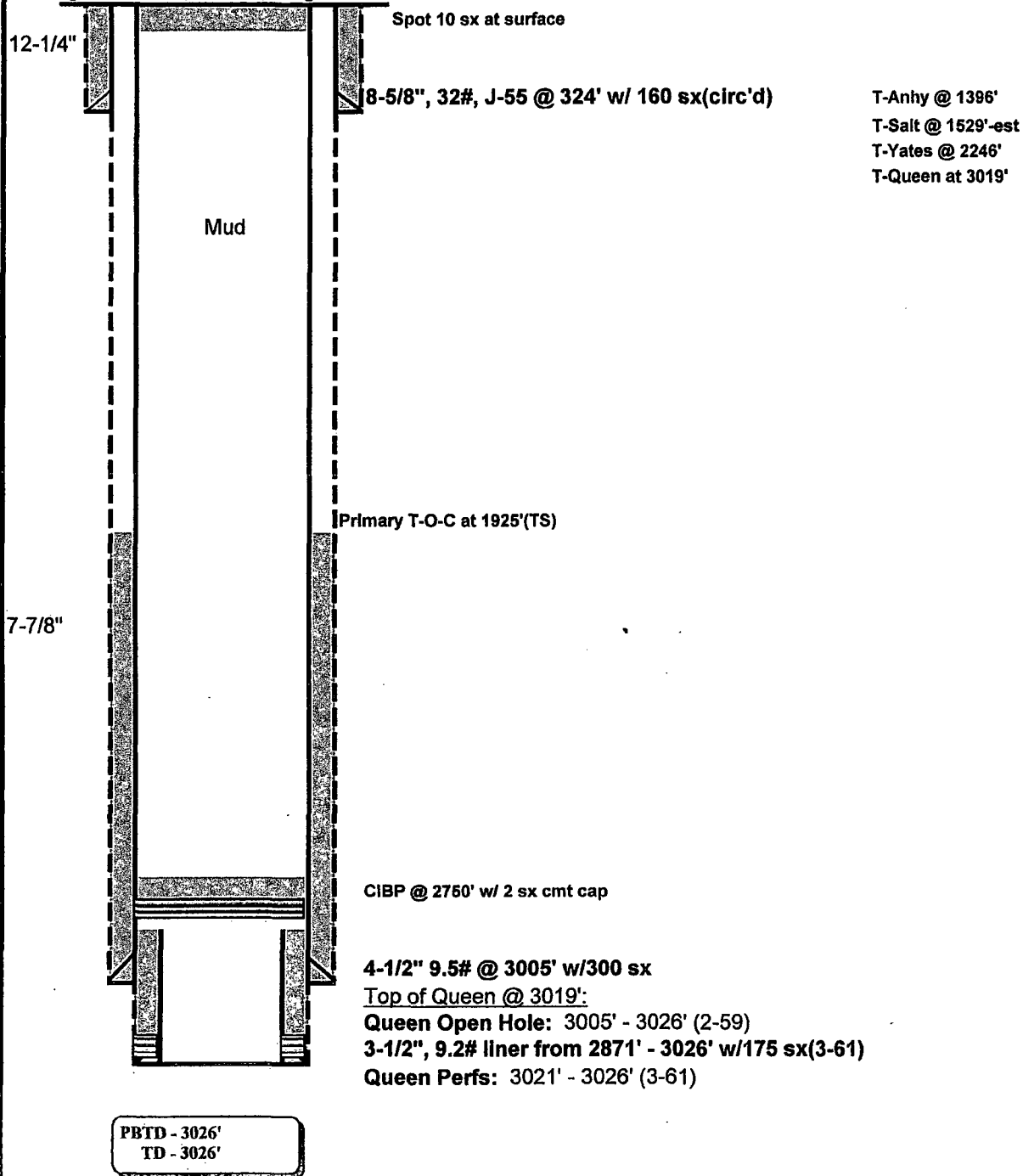
CELERO ENERGY

FIELD: Caprock
LEASE/UNIT: State 32 (formerly NCQU 1 TR 5 SEC 32D #4)
COUNTY: Lea

DATE: 1-Oct-12
BY: MWM
WELL: 10
STATE: New Mexico

Location: 575' FNL & 745' FWL, Sec 32D, T12S, R32E
SPUD: 1/59 COMP: 2/59
CURRENT STATUS: P&A Injector (06-69)
Original Well Name: Graridge NCQU #1 #32-4

KB =
GL =
API = 30-025-00199



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FEB 25 1970
 Form C-103
 Replaces Old
 C-102 and C-103
 Effective 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

5a. Indicate Type of Lease
 State Fee
 5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
 USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

| | |
|---|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Injection | 7. Unit Agreement Name |
| 2. Name of Operator AMERICAN PETROFINA COMPANY OF TEXAS | 8. Farm or Lease Name North Caprock Queen Unit #1 |
| 3. Address of Operator Box 1311, Big Spring, Texas 79720 | 9. Well No. Tr. 5 No. 4 |
| 4. Location of Well UNIT LETTER D 575 FEET FROM THE North LINE AND 745 FEET FROM THE West LINE, SECTION 32 TOWNSHIP 12S RANGE 32E NMPM. | 10. Field and Pool, or Wildcat North Caprock Queen |
| 15. Elevation (Show whether DF, RT, GR, etc.) -- | 12. County Lea |

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

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|---|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | PLUG AND ABANDONMENT <input checked="" type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> | OTHER <input type="checkbox"/> |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

6-30-69 Set C.I. bridge plug in 4-1/2" casing at 2750' with 2 sx cement on top of plug. Ran 2-3/8" tubing and circulated with mud laden fluid. Set 10 sx cement plug in top of 4-1/2" casing and set 4-1/2" pipe marker.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.
 SIGNED J. M. Denson **J. M. Denson** TITLE **Asst. District Mgr. of Production** DATE **February 23, 1970**

APPROVED BY John W. Runyan TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

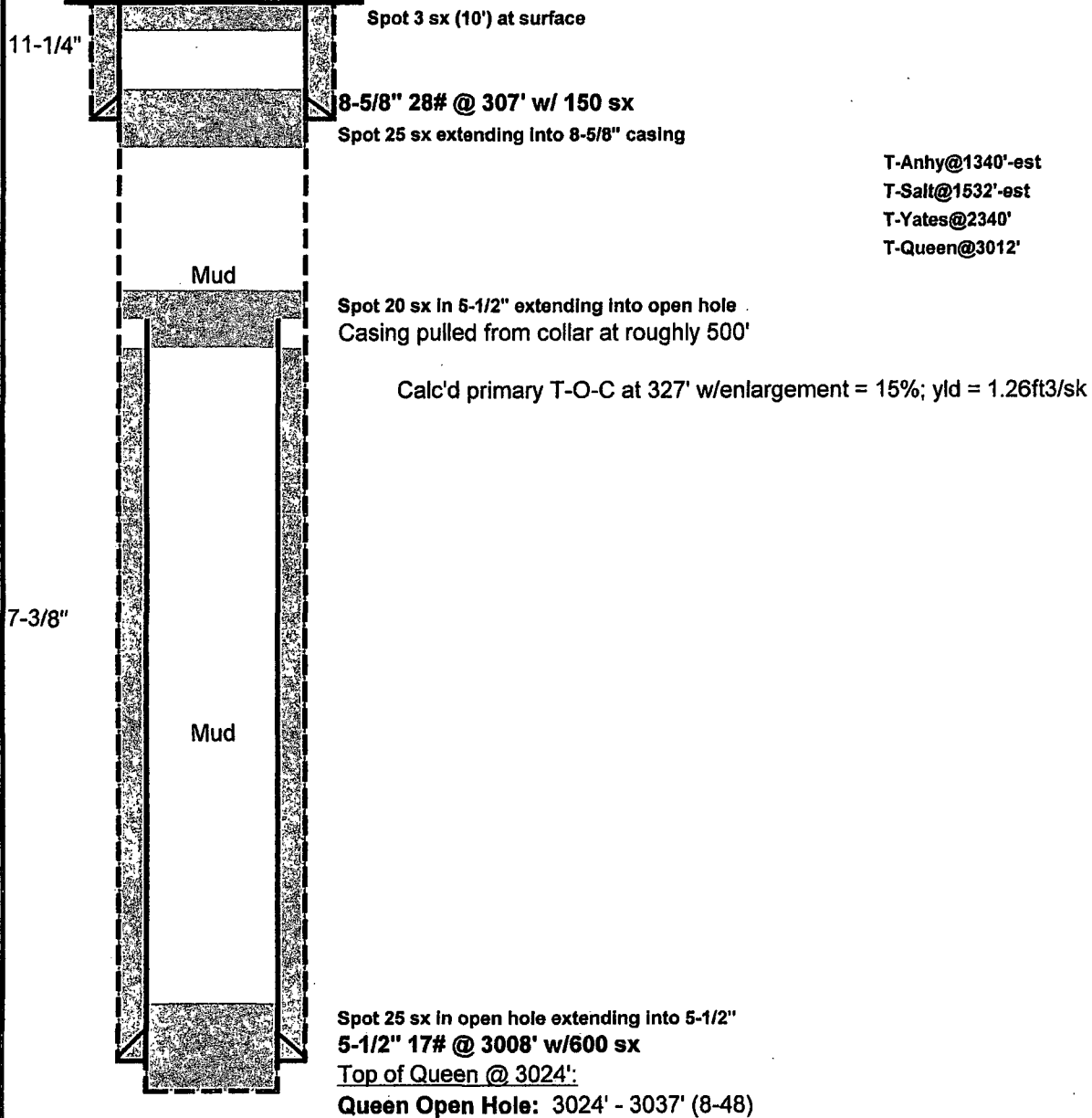
CELERO ENERGY

FIELD: Caprock
LEASE/UNIT: State 32 (never included in NCQU #1)
COUNTY: Lea

DATE: 1-Oct-12
BY: MWM
WELL: 11
STATE: New Mexico

Location: 660' FNL & 660' FWL, Sec 32D, T12S, R32E
SPUD: 8/48 COMP: 8/48
CURRENT STATUS: P&A Producer (10-53)
Original Well Name: Cities Service State 'T' #1

KB =
GL = 4384' top CHF
API = 30-025-00198



PBTD - 3037'
TD - 3037'

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
NOV 12 1953
OIL CONSERVATION COMMISSION
HOBBS OFFICE

(Form C-103
(Revised 7/1/52)

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

| | | | | | |
|---|----------|---|--|--------------------------|--|
| REPORT ON BEGINNING DRILLING OPERATIONS | | REPORT ON RESULT OF TEST OF CASING SHUT-OFF | | REPORT ON REPAIRING WELL | |
| REPORT ON RESULT OF PLUGGING WELL | X | REPORT ON RECOMPLETION OPERATION | | REPORT ON (Other) | |

11-10-53

Hobbs, New Mex co

(Date)

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Cities Service Oil Company

State NM

(Company or Operator)

(Lease)

Lea County Casing Pullers

Well No. 1 in the NW 1/4 NW 1/4 of Sec. 32

(Contractor)

T. 12, R. 32, NMPM, Caprock Pool, Lea County.

10-22-53 thru 10-24-53

The Dates of this work were as follows:

Notice of intention to do the work (was) ~~not~~ submitted on Form C-102 on 10-19, 1953

(Cross out incorrect words)

and approval of the proposed plan (was) ~~not~~ obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Plugging operations began October 22, 1953. The hole was loaded with approximately 75 barrel of 9.5# mud laden fluid. Cement plugs were placed as follows: 25 sacks in open hole extending up into 5 1/2" casing; 20 sacks in 5 1/2" casing and open hole where 5 1/2" was pulled out of collar at approximately 500'; 25 sacks in open hole extending up into 8 5/8" casing which was set at 309'; and 3 sacks or 10' in top of 8 5/8" casing. The plugged and abandoned location was marked with a 4"-4' marker-bull plugged. The location has been cleared of all debris. Plugging was witnessed by M. R. Dotson, Lea County Casing Pullers, Box 1058, Hobbs, New Mexico and W. M. Dickey, Production Foreman, Cities Service Oil Company, Box 97, Hobbs, New Mexico. Plugging was completed October 24, 1953,

Witnessed by C. M. Hartwell Cities Service Oil Company District Superintendent
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

L. A. Hanson
(Name)

Oil & Gas Inspector

(Title)

DEC 16 1953

(Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name: Charles W. Hubbard

Position: District Superintendent

Representing: Cities Service Oil Company

Address: Box 97, Hobbs, New Mexico

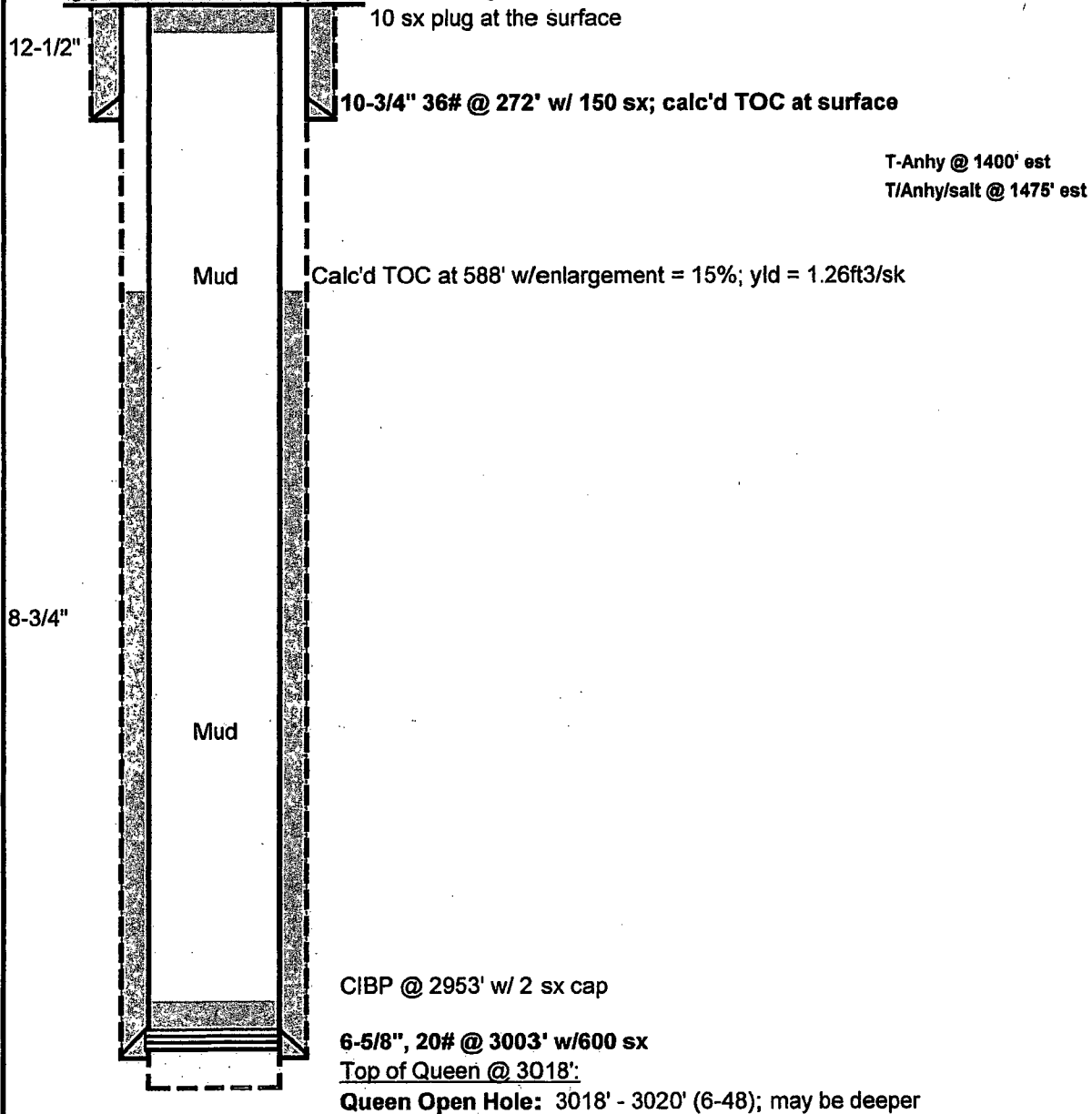
CELERO ENERGY

FIELD: Caprock
LEASE/UNIT: State 31 (formerly NCQU 1 TR 3 31-9)
COUNTY: Lea

DATE: 29-Sep-12
BY: MWM
WELL: 1
STATE: New Mexico

Location: 1980' FSL & 660' FEL, Sec 311, T12S, R32E
SPUD: 7/48 COMP: 8/48
CURRENT STATUS: P&A Producer (06-69)
Original Well Name: Cooperative Producing Ass'n Livermore St. 'G' #6

KB =
GL = 4484'-top of CHF
API = 30-025-00182



PBTD - 3020'
TD - 3020'

| | |
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NEW MEXICO OIL CONSERVATION COMMISSION

FEB 25 1970
 Form C-103
 Supersedes Old
 and C-103
 Effective 1-1-65

30-025-00182

| | |
|--|------------------------------|
| 5a. Indicate Type of Lease | |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |
| 7. Unit Agreement Name | |
| 8. Form or Lease Name North Caprock Queen Unit #1 | |
| 9. Well No. Tr. 3 No. 9 | |
| 10. Field and Pool, or Wildcat North Caprock Queen | |
| 12. County Lea | |

SUNDRY NOTICES AND REPORTS ON WELLS
 DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
 USE "APPLICATION FOR PERMIT --" (FORM C-101) FOR SUCH PROPOSALS.)

| |
|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> |
| 2. Name of Operator AMERICAN PETROFINA COMPANY OF TEXAS |
| 3. Address of Operator Box 1311, Big Spring, Texas 79720 |
| 4. Location of Well UNIT LETTER I 1980 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE, SECTION 31 TOWNSHIP 12S RANGE 32E NMPM. |
| 15. Elevation (Show whether DF, RT, GR, etc.) 4484 Cr. |

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

| | | | |
|--|---|---|--|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | PLUG AND ABANDONMENT <input checked="" type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> | OTHER <input type="checkbox"/> |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work; SEE RULE 1103.

at 2953'

**6-30-69 Set C.I. bridge plug in 6-5/8" casing/and dumped 2 sx cement on top plug.
 Ran 2-3/8" tubing and circulated hole with mud laden fluid.
 Placed 10 sx cement plug in top of 6-5/8" casing and set 4-1/2" pipe marker.**

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED J. M. Denson J. M. Denson TITLE Asst. Dist. Mgr. of Production DATE February 24, 1970

APPROVED BY John W. Runyon TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

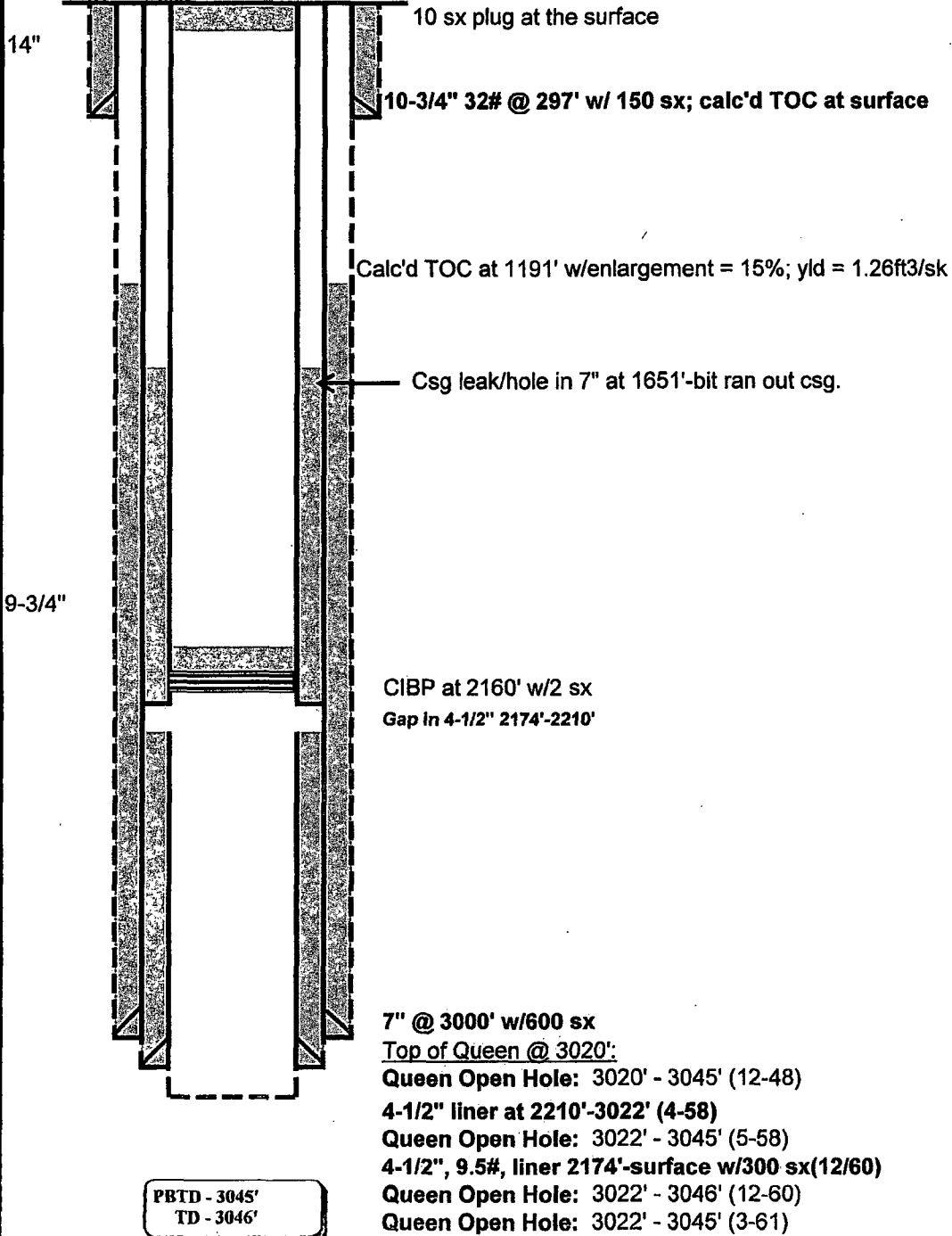
CELERO ENERGY

FIELD: Caprock
LEASE/UNIT: State 31 (formerly NCQU 1 TR 4 31-8)
COUNTY: Lea

DATE: 1-Oct-12
BY: MWM
WELL: 2
STATE: New Mexico

Location: 1980' FNL & 660' FEL, Sec 31H, T12S, R32E
SPUD: 10/48 **COMP:** 12/48
CURRENT STATUS: P&A Injector (06-69)
Original Well Name: Cooperative Producing Ass'n Malco St. 'A' #7

KB =
GL = 4482' top of CHF
API = 30-025-00184



| | | |
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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

| | | |
|--|--|--|
| SUNDRY NOTICES AND REPORTS ON WELLS <small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</small> | | 5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| | | 5. State Oil & Gas Lease No. |
| | | 7. Unit Agreement Name |
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Injection Well | 7. Unit Agreement Name | |
| 2. Name of Operator AMERICAN PETROFINA COMPANY OF TEXAS | 8. Farm or Lease Name North Caprock Queen Unit #1 | |
| 3. Address of Operator Box 1311, Big Spring, Texas 79720 | 9. Well No. Tr. 4 No. 8 | |
| 4. Location of Well UNIT LETTER H 1980 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE, SECTION 31 TOWNSHIP 12S RANGE 32E NMPM. | 10. Field and Pool, or Wildcat North Caprock Queen | |
| | | 12. County Lea |
| 15. Elevation (Show whether DF, RT, CR, etc.) 4482 Gr. | | |

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

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|---|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | PLUG AND ABANDONMENT <input checked="" type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> | OTHER <input type="checkbox"/> |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

6-30-69 Set C.I. bridge plug in 4-1/2" casing at 2160' and put 2 sx cement on top of plug. Ran 2-3/8" tubing and circulated with mud laden fluid. Placed 10 sx cement plug in top of 4-1/2" casing and set 4-1/2" pipe marker.

30-025-00184

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED John M. Denoon J. M. Denoon TITLE Asst. Dist. Mgr. of Production DATE February 23, 1970

APPROVED BY John W. Runyan TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

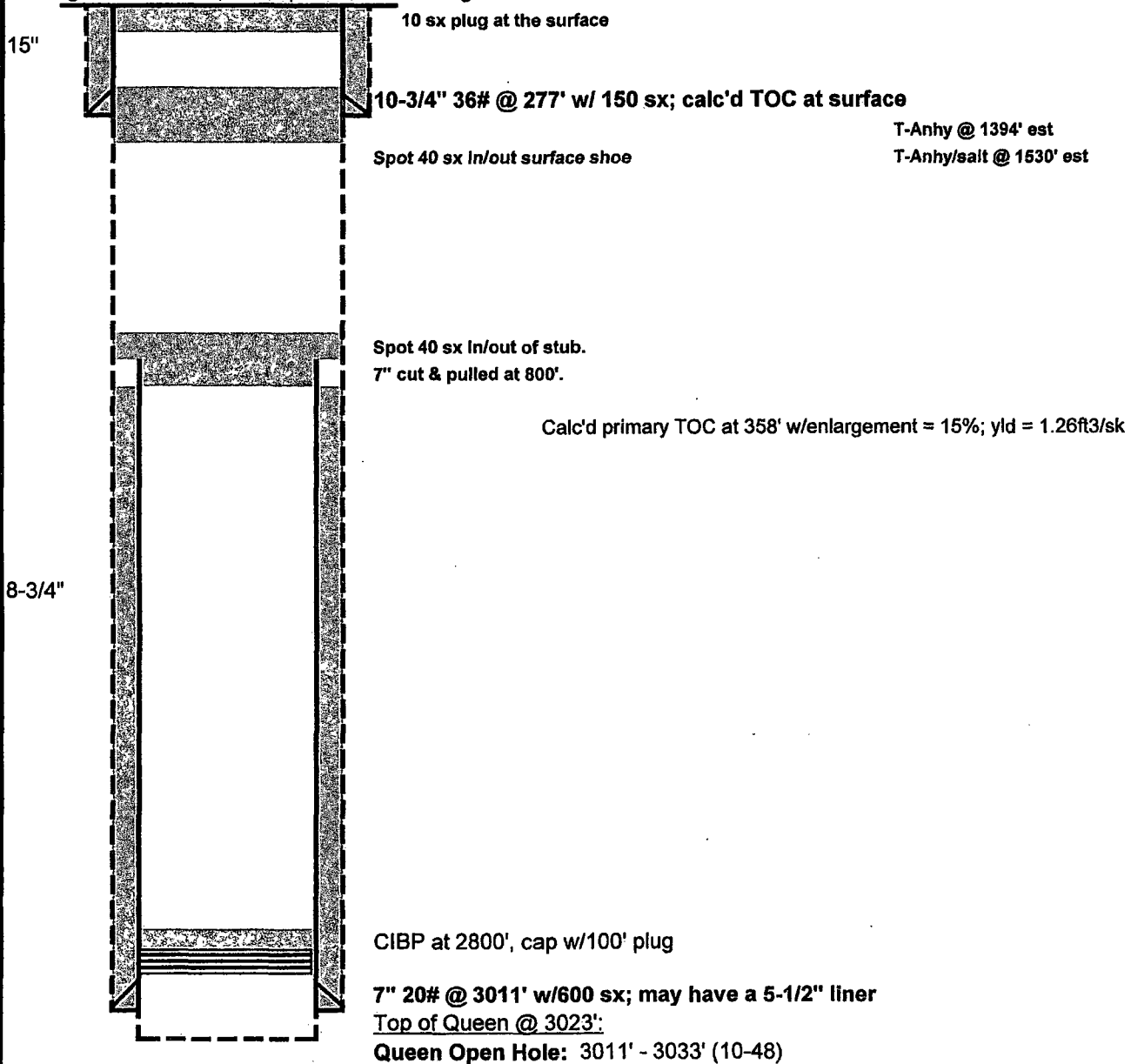
CELERO ENERGY

FIELD: Caprock
LEASE/UNIT: State 31 (formerly NCQU 1 TR 3 31-16)
COUNTY: Lea

DATE: 1-Oct-12
BY: MWM
WELL: 3
STATE: New Mexico

Location: 660' FSL & 660' FEL, Sec 31P, T12S, R32E
SPUD: 8/48 COMP: 10/48
CURRENT STATUS: P&A Injector (11-77)
Original Well Name: Cooperative Producing Ass'n Livermore St. 'G' #7

KB =
GL = 4,379'
API = 30-025-00183



PBTD - 3033'
TD - 3033'

| | |
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30-025-00183

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR INDIVIDUALS TO FILE OR IN PLUG OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - (FORM C-101) FOR SUCH PURPOSES.)

OIL WELL GAS WELL OTHER- **Injection Well**

Name of Operator
Vega Petroleum Corporation

Address of Operator
P. O. Box 2383, Midland, Texas 79701

Location of Well
UNIT LETTER **P** **660** FEET FROM THE **South** LINE AND **660** FEET FROM
THE **East** LINE, SECTION **31** TOWNSHIP **12-S** RANGE **32-E** NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

7. Unit Agreement Name NO. 1
No. Caprock Queen Unit

8. Farm or Lease Name
No. Caprock Queen Unit

9. Well No.
Tract 3, Well No. 16

10. Field and Pool, or Wildcat
Caprock Queen (Lea)

12. County
Lea

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

| | | | |
|---|---|---|--|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| INFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | PLUG AND ABANDONMENT <input checked="" type="checkbox"/> |
| ILL OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> | |
| | | OTHER <input type="checkbox"/> | |

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1. Displaced hole with 2500# per 100 bbls. salt base mud.
2. Set CIBP at 2800'.
3. Set 100' cement plug on top of CIBP.
4. Cut off and pulled 7" casing at 800'.
5. Spotted 40 sx. cement plug in-and-out of 7" casing and stub.
6. Spotted 40 sx. cement plug in-and-out of surface casing and stub.
7. Spotted 10 sx. cement plug at surface and erected 4-1/2" regulation dry hole marker.
8. Cleaned up location for NMOCC inspection.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

MANAGER: Betty W. Betancourt TITLE: Manager DATE: 11-4-77

APPROVED BY: John W. Newman TITLE: _____ DATE: _____

ADDITIONAL APPROVAL, IF ANY:

CELERO ENERGY

FIELD: Caprock

LEASE/UNIT: State 31 (formerly NCQU 1 TR 4 Sec 31G 31-7)

COUNTY: Lea

DATE: 1-Oct-12

BY: MWM

WELL: 4

STATE: New Mexico

Location: 2310' FNL & 1650' FEL, Sec 31G, T12S, R32E

SPUD: 12/57 COMP: 1/58

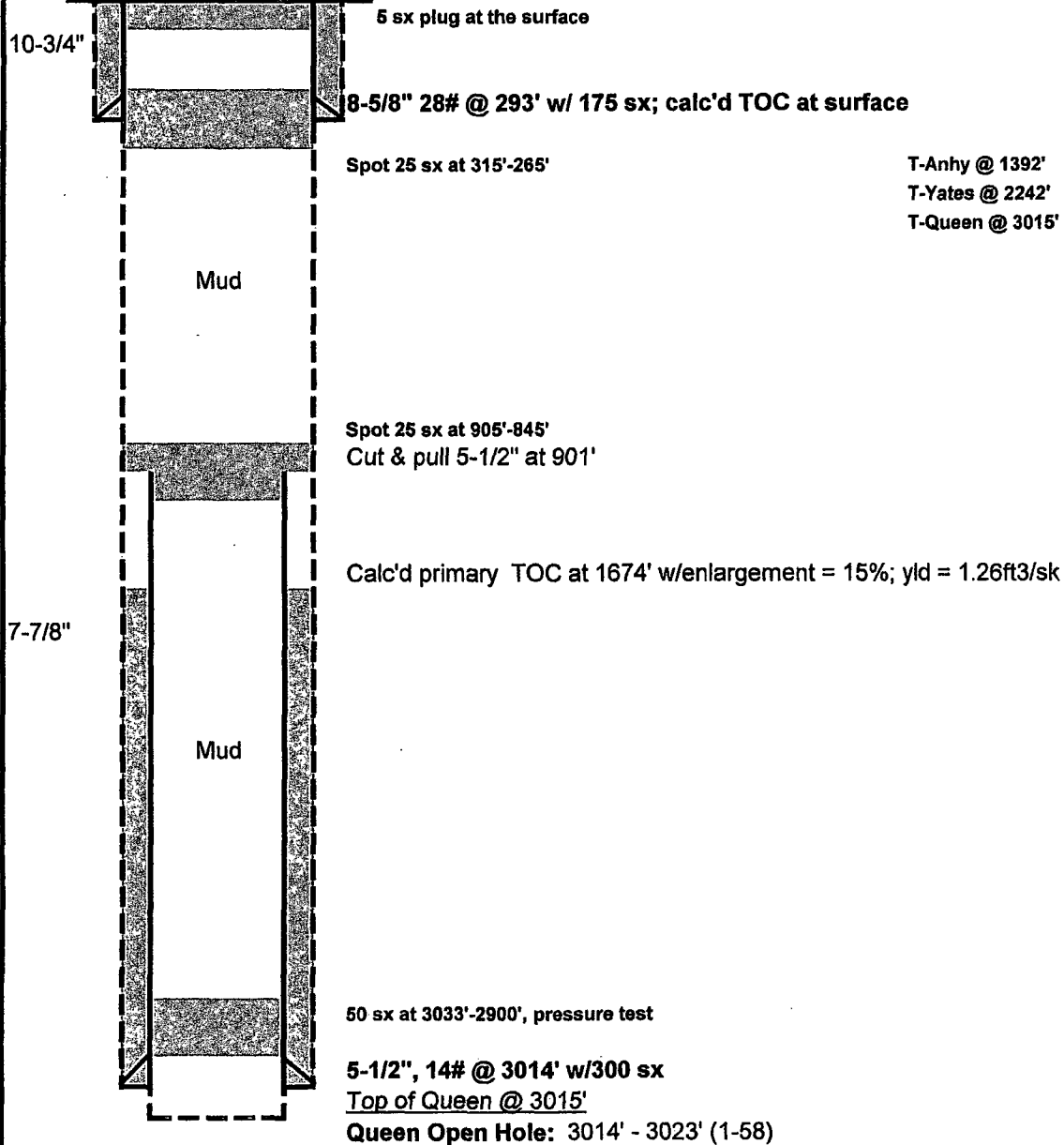
CURRENT STATUS: P&A Producer (07-64)

Original Well Name: Graridge Corporation Malco St. 'A' #9

KB =

GL = 4,388'

API = 30-025-00186



PBTD - 3023'
TD - 3023'

| NEW MEXICO OIL CONSERVATION COMMISSION | | | | | | FORM C-103 (Rev 3-55) |
|--|------------------------------|-----------------------------------|---|--|---------------------|--------------------------|
| MISCELLANEOUS REPORTS ON WELLS | | | | | | O. O. C. |
| (Submit to appropriate District Office as per Commission Regulations) | | | | | | 10 15 1964 |
| Name of Company Graridge Corporation | | | Address P. O. Box 752, Breckenridge, Texas 76024 | | | |
| Lease Cap Unit | Well No. 31-7 | Unit Letter G | Section 31 | Township 12S | Range 32E | |
| Date Work Performed July 1 - July 20, 1964 | Pool Caprock Queen | | County Lea | | | |
| THIS IS A REPORT OF: (Check appropriate block) | | | | | | |
| <input type="checkbox"/> Beginning Drilling Operations <input type="checkbox"/> Casing Test and Cement Job <input type="checkbox"/> Other (Explain): | | | | | | |
| <input checked="" type="checkbox"/> Plugging <input type="checkbox"/> Remedial Work | | | | | | |
| Detailed account of work done, nature and quantity of materials used, and results obtained. | | | | | | |
| 1. Pumped 50 sack cement plug 2900' - 3033' using 100 mud to pump plug with. 2. Pressure tested plug. R. S. C. I. V. S. D. 3. Cut off 5½" casing at 901' and pulled. AUG 17 1964 4. Set 25 sack cement plug 845' - 905'. O. O. C. 5. Set 25 sack cement plug 265' - 315'. DISTRICT OFFICE 6. Put 5 sack cement plug and pipe marker in top of surface pipe. | | | | | | |
| Witnessed by B. B. Phillips | | Position Superintendent | | Company Graridge Corporation | | |
| FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY | | | | | | |
| ORIGINAL WELL DATA | | | | | | |
| D F Elev. | T D | P B T D | Producing Interval | Completion Date | | |
| Tubing Diameter | Tubing Depth | Oil String Diameter | Oil String Depth | | | |
| Perforated Interval(s) | | | | | | |
| Open Hole Interval | | | Producing Formation(s) | | | |
| RESULTS OF WORKOVER | | | | | | |
| Test | Date of Test | Oil Production BPD | Gas Production MCFPD | Water Production BPD | GOR Cubic feet/Bbl | Gas Well Potential MCFPD |
| Before Workover | | | | | | |
| After Workover | | | | | | |
| OIL CONSERVATION COMMISSION | | | I hereby certify that the information given above is true and complete to the best of my knowledge. | | | |
| Approved by <i>Leslie A. Clements</i> | | | Name <i>T. A. Ford</i> | | | |
| Title | | | Position Manager of Production | | | |
| Date | | | Company Graridge Corporation | | | |

30-025-00186.

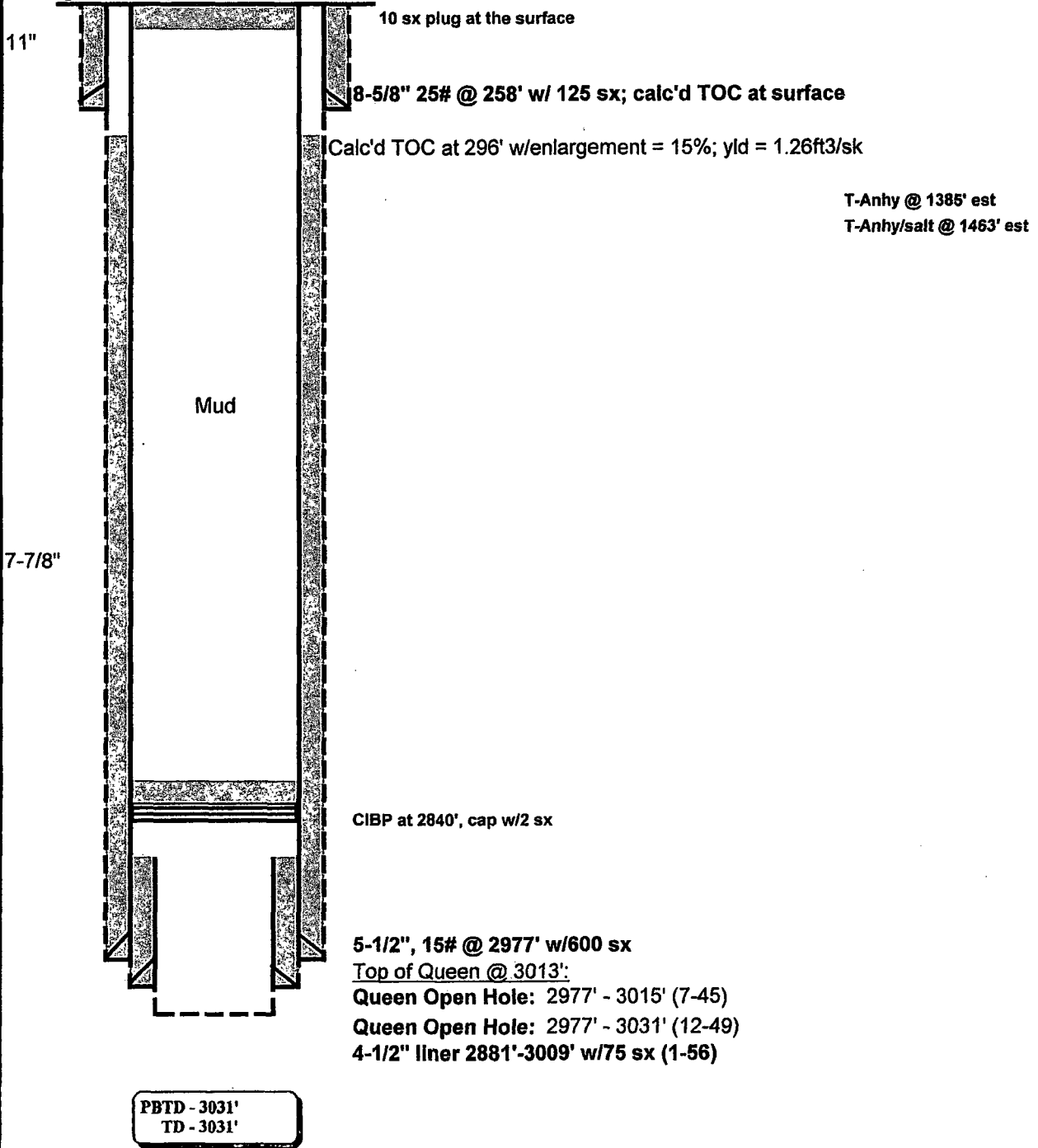
CELERO ENERGY

FIELD: Caprock
LEASE/UNIT: State 31 (formerly NCQU 1 TR 3 Sec 31J 31-10)
COUNTY: Lea

DATE: 1-Oct-12
BY: MWM
WELL: 5
STATE: New Mexico

Location: 3300' FNL & 1980' FEL, Sec 31J, T12S, R32E
SPUD: 6/45 COMP: 7/45
CURRENT STATUS: P&A Injector (06-69)
Original Well Name: G. P. Livermore, Inc. St. 'G' #5

KB =
GL =
API = 30-025-00197



| | |
|------------------------|---|
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Form C-103
 Supersedes Old
 C-102 and C-103
 Effective 1/1/70

30-025-00197

5a. Indicate Type of Lease
 State Fee

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WEL _S

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

| | |
|--|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER - Injection well | 7. Unit Agreement Name |
| 2. Name of Operator American Petrofins Company of Texas | 8. Farm or Lease Name North Caprock Queen Unit #1 |
| 3. Address of Operator Box 1311, Big Spring, Texas 79720 | 9. Well No. Tr.3 No. 10 |
| 4. Location of Well UNIT LETTER J 3300 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE, SECTION 31 TOWNSHIP 12S RANGE 32E NMPM. | 10. Field and Pool, or Wildcat North Caprock Queen |
| 15. Elevation (Show whether DF, RT, GR, etc.) -- | 12. County Lee |

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

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|---|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | PLUG AND ABANDONMENT <input checked="" type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> | OTHER <input type="checkbox"/> |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

6-30-69 Set C.I. bridge plug in 5-1/2" casing at 2840' and dumped 2 sks. cement on top plug.

Ran 2-3/8" tubing and circulated hole w/ mud laden fluid.

Placed 10 sk cement plug in top of 5-1/2" casing & set 4-1/2" pipe marker.

JCC:ft

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED J.M. Danson J.M. Danson TITLE Asst. District Mgr. of Prod. DATE 2/26/70

APPROVED BY John W. Runyan TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

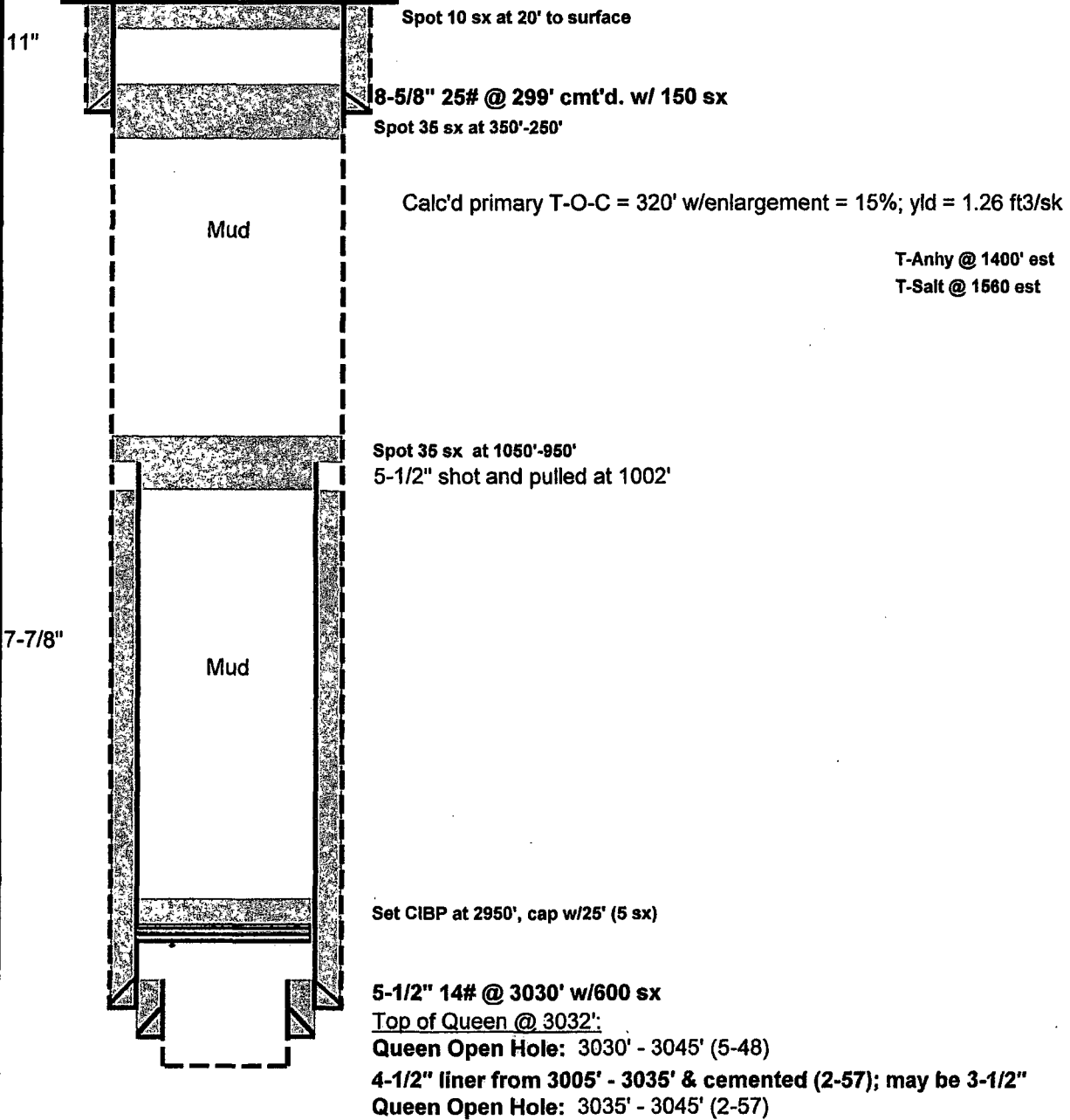
CELERO ENERGY

FIELD: Caprock
LEASE/UNIT: State 5 (formerly NCQU 1 TR 21 SEC 5D #4)
COUNTY: Lea

DATE: 1-Oct-12
BY: MWM
WELL: 1
STATE: New Mexico

Location: 660' FNL & 660' FWL, Sec 5D, T13S, R32E
 SPUD: 5/48 COMP: 5/48
 CURRENT STATUS: P&A Injector (01-75)
 Original Well Name: Great Western Producers State 'R' #1

KB =
GL = 4,379'
API = 30-025-00212



PBTD - 3045'
TD - 3045'

| | |
|------------------------|--|
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Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

30-025-00212

| | |
|---|------------------------------|
| 5a. Indicate Type of Lease | |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |
| 7. Unit Agreement Name No. 1 | |
| No. Caprock Queen Unit | |
| 8. Farm or Lease Name | |
| No. Caprock Queen Unit | |
| 9. Well No. | |
| Tract 21, Well No. 4 | |
| 10. Field and Pool, or Wildcat | |
| Caprock Queen (Lea) | |
| 12. County | |
| Lea | |

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT --" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL GAS WELL OTHER- Injection Well

2. Name of Operator *Vega Ed.*
Thunderbird Oil Corporation

3. Address of Operator *2383*
P. O. Box ~~1778~~, Midland, Texas 79701

4. Location of Well
UNIT LETTER D 660 FEET FROM THE North LINE AND 660 FEET FROM
THE West LINE, SECTION 5 TOWNSHIP 13-S RANGE 32-E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
4390'

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

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|---|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | PLUG AND ABANDONMENT <input checked="" type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> | |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

8-5/8" @ 299' w/150 sx.
5-1/2" @ 3029' w/600 sx.
3-1/2" Liner @ 3005-3035'.

- 1-14-75
- Hole was displaced with salt base mud.
 - CIBP was set @ 2950'.
 - 5 sx. cement plug was set on top of the CIBP @ 2925' to 2950'.
 - 5-1/2" casing was shot off and pulled from 1002'.
 - Set 35 sx. cement plug in-and-out of 5-1/2" casing @ 1050' to 950'.
 - Set 35 sx. cement plug in-and-out of 8-5/8" casing @ 350' to 250'.
 - Set 10 sx. cement plug @ surface from 20' to 0' and erected 4-1/2" regulation dry hole marker.
 - Cleaned up location for NMOCC inspection and approval.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED *John Runyan* TITLE President DATE Feb. 28, 1975
 Org. Signed by John Runyan
 Geologist

APPROVED BY _____ TITLE _____ DATE _____

JUL 13 1976

CONDITIONS OF APPROVAL, IF ANY:

Pro-Kem, Inc.

WATER ANALYSIS REPORT

SAMPLE

Oil Co. : Celero
 Lease : Rock Queen
 Well No.: 84
 Location:
 Attention:

Date Sampled : 17-July-2007
 Date Analyzed: 20-July-2007
 Lab ID Number: Jul2307.004- 1
 Salesperson :
 File Name : jul2307.004

ANALYSIS

- | | | | |
|------------------------------|-------|-------|-------|
| 1. Ph | 6.500 | | |
| 2. Specific Gravity 60/60 F. | 1.204 | | |
| 3. CACO3 Saturation Index | | @ 80F | 1.125 |
| | | @140F | 2.505 |

Moderate
Severe

Dissolved Gasses

- | | |
|---------------------|----------------|
| 4. Hydrogen Sulfide | Not Present |
| 5. Carbon Dioxide | 300 |
| 6. Dissolved Oxygen | Not Determined |

MG/L. EQ. WT. *MEQ/L

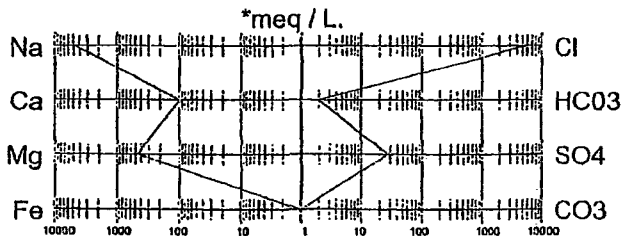
Cations

- | | | | | | |
|--------------|--------|--------------|----------------|----------|----------|
| 7. Calcium | (Ca++) | | 1,876 | / 20.1 = | 93.33 |
| 8. Magnesium | (Mg++) | | 5,310 | / 12.2 = | 435.25 |
| 9. Sodium | (Na+) | (Calculated) | 107,113 | / 23.0 = | 4,657.09 |
| 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-) | | 117 | / 61.1 = | 1.91 |
| 14. Sulfate | (SO4=) | | 1,300 | / 48.8 = | 26.64 |
| 15. Chloride | (Cl-) | | 182,959 | / 35.5 = | 5,153.77 |
| 16. Total Dissolved Solids | | | 298,675 | | |
| 17. Total Iron | (Fe) | | 11.50 | / 18.2 = | 0.63 |
| 18. Manganese | (Mn++) | | Not Determined | | |
| 19. Total Hardness as CaCO3 | | | 26,544 | | |
| 20. Resistivity @ 75 F. (Calculated) | | | | 0.001 Ohm · meters | |

LOGARITHMIC WATER PATTERN

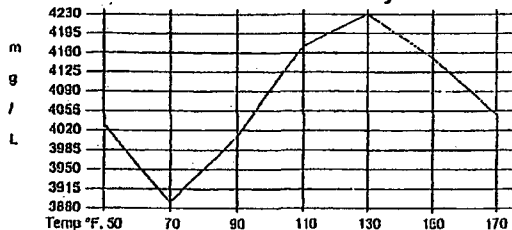


PROBABLE MINERAL COMPOSITION

| COMPOUND | *meq/L | X | EQ. WT. | = | mg/L. |
|-----------|----------|---|---------|---|---------|
| Ca(HCO3)2 | 1.91 | | 81.04 | | 155 |
| CaSO4 | 26.64 | | 68.07 | | 1,813 |
| CaCl2 | 64.78 | | 55.50 | | 3,595 |
| Mg(HCO3)2 | 0.00 | | 73.17 | | 0 |
| MgSO4 | 0.00 | | 60.19 | | 0 |
| MgCl2 | 435.25 | | 47.62 | | 20,726 |
| NaHCO3 | 0.00 | | 84.00 | | 0 |
| NaSO4 | 0.00 | | 71.03 | | 0 |
| NaCl | 4,653.75 | | 58.46 | | 272,058 |

* milliequivalents per Liter

Calcium Sulfate Solubility Profile




Kevin Byrne, Analyst

Form C-108
Affirmative Statement
Celero Energy II, LP
State 32 Well No. 4
Section 32, T-12 South, R-32 East, NMPM,
Lea County, New Mexico

Available geologic and engineering data has been examined and no evidence of open faults or hydrological connection between the injection zone and any underground sources of drinking water has been found.



Mike Metza
Sr. Production Engineer



Date

**Celero Energy II, LP
Form C-108: State 32 No. 4
Section 32, T-12 South, R-32 East, NMPM
Lea County, New Mexico**

Offset Operator/Leasehold Owner Notification List

All acreage located within a ½ mile radius of the State 32 Well No. 4 is currently leased by Celero Energy II, LP. The State 32 Well No. 4 is located on State of New Mexico Lease No. VO-8139. Consequently, as surface owner, notice of this application is being provided to:

Commissioner of Public Lands
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

Additional Notice

Oil Conservation Division (Hobbs Office)
1625 N. French Drive
Hobbs, New Mexico 88240