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: X Secondary Recovery Pressure Maintenance Disposal Storage Application qualifies for administrative approval? Yes X No
II.	OPERATOR: Celero Energy II, LP
	ADDRESS: 400 W. Illinois, Ste. 1601 Midland TX 79701
	CONTACT PARTY: M. W. Metza or D.R. Catanach Cell # (432) 556-08241ONE: (505)690-9453
m.	WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
IV.	Is this an expansion of an existing project? Yes X No If yes, give the Division order number authorizing the project:
V.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
VII.	Attach data on the proposed operation, including:
·	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, 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.	
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.
хш.	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. Metza TITLE: Sr. Production Engineer
	SIGNATURE:
k .	B-MAIL ADDRESS: mmetza@celeroenergy.com If the information required under Sections VI, VIII, X, and XI above has be lead. Please show the date and circumstances of the earlier submittal: Oil Conservation Division
DIST	RIBUTION: Original and one copy to Santa Fe with one copy to the approp

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.

 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.

- 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(psi/ft) X 3000(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: Ogaliala 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

WELL NAME & NUMBER: State 32	No. 4	(API No. 30	-025-00209)	· · · · · · · · · · · · · · · · · · ·		<u> </u>
WELL LOCATION: 1980' FSL & 66			L	32	12 South	32 East
FOOTAGE LO	CATION		UNIT LETTER	SECTION	TOWNSHIP	RANGE
WELLBORE SCHEMATIC			<u>WEL</u>	L CONSTRUCT		
				Surface Casi	ng	
See Attached Wellbore Schem	atics		Hole Size: 13 3/4"	C	asing Size: 10 3/2	4,,,
			Cemented with: 250	Sx. or	· r	ft ³
	•		Top of Cement:	Surface M	lethod Determined	d: Circulated
		· .	Hole Size: 8 3/4"	Production Cas	ing Casing Size: 7"	
			Cemented with:	<u>600</u> o	r <u>-</u>	ft ³
	;		Top of Cement:	348' N	lethod Determine	d: Calculat
				Production Line	<u>r</u>	
			Hole Size: 6 1/8"		Casing Size: 5 1/2	2"
			Cemented with: 38 S	x. o	r	ft ³
	,		Top of Cement: 2,9	N N N	lethod Determine	d: Circulate
		•	Total Depth:	3,043	PBTD:	

INJECTION WELL DATA SHEET

Tubing S	Size: 2 3/8" Lining Material: Internally Plastic Coated
Type of I	Packer: Tension – Set AD-1 or equivalent
Packer S	Setting Depth: 2,950' or within 100' of the open-hole injection interval
Other Ty	ype of Tubing/Casing Seal (if applicable): None
	Additional Data
1. Is	s this a new well drilled for injection: Yes X No
I1 <u>i1</u>	f no, for what purpose was the well originally drilled: Well was originally drilled as a producing well n the Caprock-Queen Pool
2. N	Name of the Injection Formation: Queen
3. N	Name of Field or Pool (if applicable): Caprock-Queen Pool (8551)
	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, .e. sacks of cement or plug(s) used. None
	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone n this area:
_	None None

CELERO ENERGY DATE: 30-Sep-12 FIELD: Caprock BY: MWM State 32(formerly NCQU 1 TR 11 SEC 32L #12) LEASE/UNIT: WELL: COUNTY: STATE: **New Mexico** Location: 1980' FSL & 660' FWL, Sec 32L, T12S, R32E KB = SPUD: 2/48 COMP: 3/48 GL = 4372' top CHF CURRENT STATUS: P&A Injector (09-04) API = 30-025-00209 Original Well Name: Mid-Continent Petroleum Corp. State Land # 13 13-3/4" Perf @ 200' and spotted 80 sx cmt plug 200' - surface 110-3/4" 40# @ 313' cmt'd. w/ 250 sx (circ'd) Perf @ 350' and spotted 25 sx cmt plug 350' - 200' (tagged) Calc'd primary T-O-C = 348' w/enlargement = 15%; yld = 1.26 ft3/sk Mud T-Anhy @ 1450' T-Salt @ 1525 B-Salt @ 1914' **Existing** Tag @ 1332' Perf @ 1500' and spotted 40 sx cmt plug 1550' - 1332' (tagged) 8-3/4" Mud Spotted 25 sx plug 2950' - 2820' (tagged) 7", 23#, J-55 @ 3001' w/600 sx Top of Queen @ 3030': Queen Open Hole: 3001' - 3036' (3-48); 3001' - 3043' (6-50) 5-1/2" liner from 2983' - 3013' w/38 sx (5-58) Queen Open Hole: 3013' - 3043' (5-58) PBTD - 30431 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.

NEW MEXICO OCD

SUPERVISOR-FRANK RIVAS

30-025-00209.

Lease:

NORTHEAST CAPROCK QUEEN UNIT

Well:

Operator:

SIERRA BLANCA OPERATING CO.

Project:

P&A-

Contract:

04-521-0750-0116

IFB#

40-521-07-00223

BID = \$13,573.00

9-17-04

MIRU - WELD ON 7" THREADS - NUBOP -

9-20-04

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 USED170 SXS)

740.00

CREDIT:

COST = \$14,933.00

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#

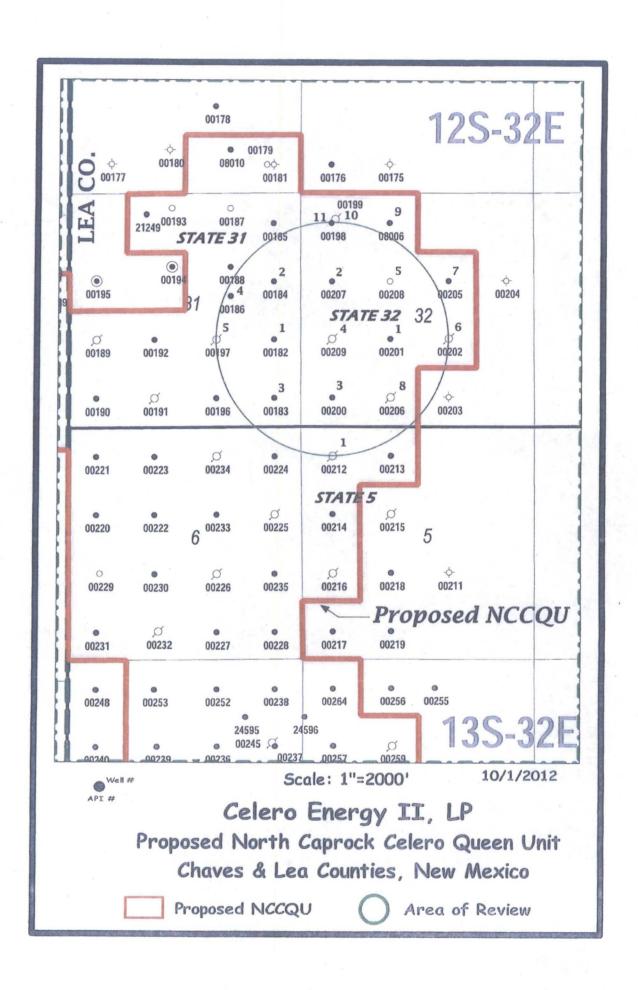
09-21-04 - SPOT 25 SXS @ 350'-200' & TAG

09-21-04 - SPOT 80 SXS @ 200' TO SURFACE

INSTALL DRY HOLE MARKER CIRCULATE 10# MUD

CELERO ENERGY DATE: 30-Sep-12 FIELD: Caprock BY: MWM LEASE/UNIT: State 32(formerly NCQU 1 TR 11 SEC 32L #12) WELL: COUNTY: STATE: **New Mexico** Location: 1980' FSL & 660' FWL, Sec 32L, T12S, R32E KB = SPUD: 2/48 COMP: 3/48 GL = 4372' top CHF CURRENT STATUS: P&A Injector (09-04) API = 30-025-00209 Original Well Name: Mid-Continent Petroleum Corp. State Land # 13 13-3/4" 10-3/4" 40# @ 313' cmt'd. w/ 250 sx (circ'd) Calc'd primary T-O-C = 348' w/enlargement = 15%; yld = 1.26 ft3/sk T-Anhy @ 1450' T-Salt @ 1525 B-Salt @ 1914' **Proposed** 2-3/8", 4.7#, J-55, 8rd EUE IPC tubing 8-3/4" IPC AD-1 Packer(or equivalent) at 2950' 7", 23#, J-55 @ 3001' w/600 sx Top of Queen @ 3030': Queen Open Hole: 3001' - 3036' (3-48); 3001' - 3043' (6-50) 5-1/2" liner from 2983' - 3013' w/38 sx (5-58) Queen Open Hole: 3013' - 3043' (5-58) PBTD - 3043' TD - 3043'

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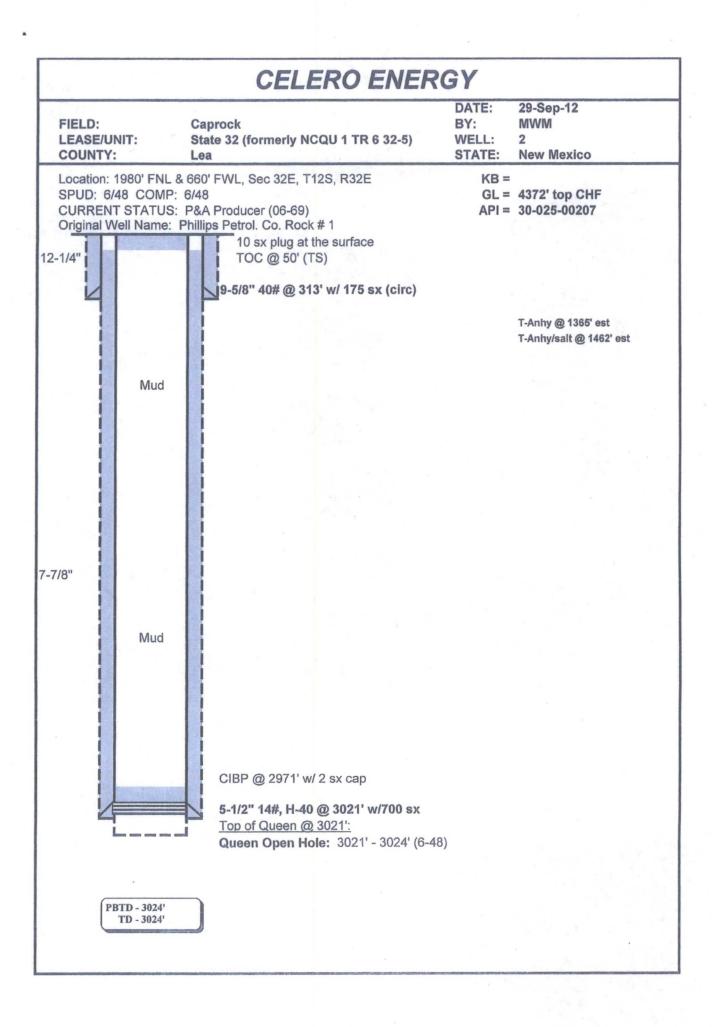


Celero Energy II, LP
Attachment to New Mexico Form C-108, Wells Within Area-of-Review, N. M. State 32, Well #4

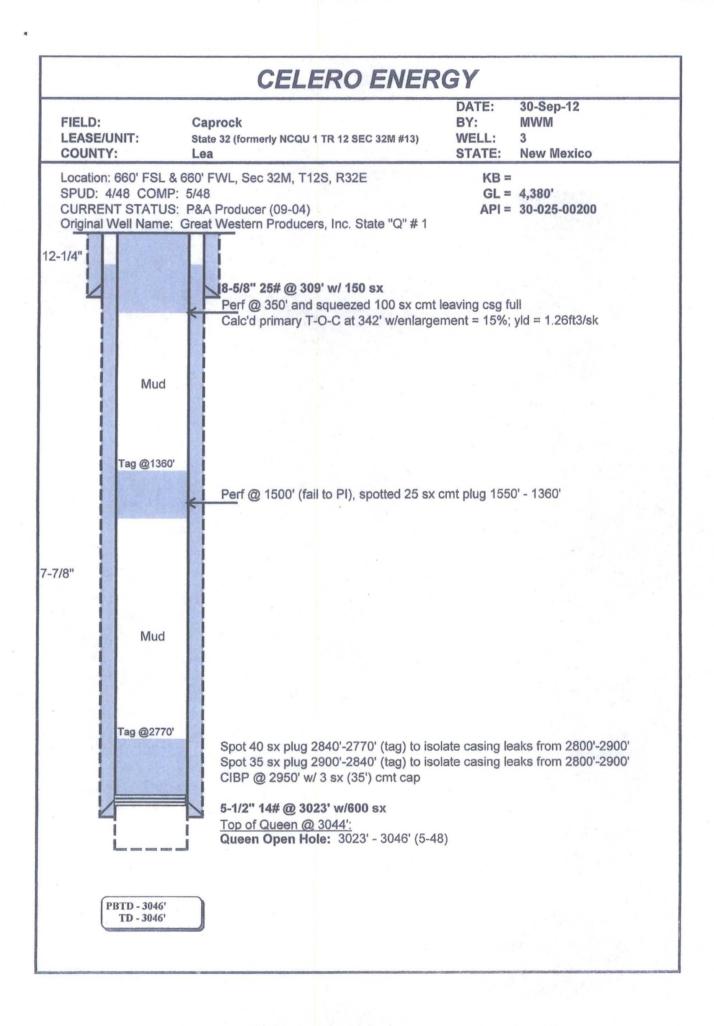
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		Location	· · · · · · · · · · · · · · · · · · ·	Well	Surface	Casing		Producti	on casing/Inr		Drilled	Depth	Comple	ion Depth
L & W Name	API Number	Footage	UL-S-T-R	Туре	Size-wght	Depth	Sx cmt	Size-wght	Depth	Sx cmt	(mm/yy)	(ft)	Туре	Interval
·					- -									
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	О-Н	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-32-125-32E	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-32È	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	0-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	О-Н	3030'-3045'
								4-1/2"-N/A	3005-3035	N/A	Feb-57	3045	O-H	3035'-3045'

CELERO ENERGY DATE: 29-Sep-12 MWM FIELD: Caprock BY: LEASE/UNIT: State 32 (Formerly NCQU 1 TR 12 32-11) WELL: COUNTY: STATE: **New Mexico** KB = Location: 1980' FSL & 1980' FWL, Sec 32K, T12S, R32E GL = 4,373'SPUD: 4/48 COMP: 5/48 CURRENT STATUS: P&A Producer (06-69) API = 30-025-00201 Original Well Name: Great Western Producers, Inc. State "Q" # 2 10 sx plug at the surface 11" 8-5/8" 28# @ 308' w/ 150 sx Calc'd TOC at 334' w/enlargement = 15%; yld = 1.26 ft3/sk T-Anhy @ 1410' est T-Salt @ 1558' Mud 7-7/8" Mud CIBP @ 2965' w/ 2 sx cap 5-1/2" 15# @ 3015' w/600 sx Top of Queen @ 3022': Queen Open Hole: 3015' - 3035' (5-48) PBTD - 3035' TD - 3035'

		
NO. OF COPIES RECEIVED	3	Form C-103
DISTRIBUTION		55 150 7 15 014 C 102 24 C-103
SANTA FE	NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
FILE		
U.S.G.S.		5a. Indicate Type of Lease
LAND OFFICE	30-025-0020	State XX Fee.
OPERATOR		5, State Oil & Gas Lease No.
(DO NOT USE THIS FORM	SUNDRY NOTICES AND REPORTS ON WELLS I FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUE BACK TO A DIFFERENT RESERVOIR. APPLICATION FOR PERMIT —" (FORM C-1011 FOR SUCH PROPOSALS.)	
1.		7. Unit Agreement Name
WELL WELL	OTHER-	
2. Name of Operator		8. Farm or Lease Name North
Americar	Petrofina Company of Texas	Caprock Queen Unit \$1
3, Address of Operator		9. Well No.
Box 1311	, Big Spring, Texas 79720	Tr. 12 No. 11
· K	1980 FEET FROM THE South LINE AND 1980 FEET FRO	North Caprock Queen
UNIT LETTER	, 1900 FEET FROM THE BOULD LINE AND 1900 FEET FRO	
THE West LIN	E, SECTION 32 TOWNSHIP 128 RANGE 32B HMP	
mmmm	15. Elevation (Show whether DF, RT, GR, etc.)	12, County
16.		Lea
•	Check Appropriate Box To Indicate Nature of Notice, Report or O	•
NOTICE	OF INTENTION TO: SUBSEQUE	IT REPORT OF:
		لنا
PERFORM REMEDIAL WORK	PLUG AND ABANDON . REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	COMMENCE DRILLING OPHS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JOB	,
	OTHER	——————————————————————————————————————
OTHER		,
17. Describe Proposed or Comp	oleted Operations (Clearly state all pertinent details, and give pertinent dates, including	as estimated date of starting any proposed
work) SEE RULE 1103.		
6-30-60	- Cot C T Anddes -lum in E-1/20 ession at 20661 an	مراء () فرمسيد ا
0-30-07	- Set C.I. bridge plug in 5-1/2" casing at 2965' an	a dumped 2 8K8
, · · · · · · · · · · · · · · · · · · ·	cement on top of plug.	•
	Ran 2-3/8" tubing and circulated hole with mud la	don fluid
•	Kan 2-3/0 tubing and disculated note with mud la	uen liula.
	Placed 10 sks cement plug in top of 5-1/2" casing	and eat
	4-1/2" pipe marker.	2110 9CF
•	4 rie bylo mytuet	
		٠,
•		
•		
•		
JCC:ft		
		<u> </u>
18. I hereby certify that the info	primation above is true and complete to the best of my knowledge and belief.	
SIGNER STATES	J.M. Denson THE Asst. District Mgr. of Pr	od. DATE 2/24/70
IGHED	MATERIAL TO STATE OF THE STATE	
	Geologi,	FEET OF BUILDING
Some way	U. Klendon vive	DATE THE STATE OF
PPHOVED BY	- Julie	WATE
CONDITIONS OF APPROVAL.	IF ANY:	·



NO. OF COPIES RECEIVED	í					
	 -	•			Form 2-1(3 Supersedes C	Old
DISTRIBUTION SANTA FE	 	W MENICO OU COU	SERVATION COMMISSION	u	C-102 and C-	103
FILE					Effective 1-1	-65
U.S.G.S.			30-025-00	07 13	a. Indicate Type	e of Lease
LAND OFFICE			2005-009	-0.7	State X	Fee [7]
OPERATOR	 - - .		30-00	15	, State ()1! & Go	as Lease No.
<u> </u>	·					
SI	INDRY NOTICES	AND DEPORTS ON	WELLC		anana	nmmm
OO NOT USE THIS FORM F	OR PROPOSALS TO DRIL	AND REPORTS ON	WELLS BACK TO A DIFFERENT RESERVER PROPOSALS.)	отя.		
1.	PETERTION FOR PERMIT	_ (FORM C-101) FOR 500	, R PROPOSACS. J		, Unil Agreemen	nt Name
OIL X GAS WELL	OTHER-			ĺ		
2. Name of Operator				8	, Farm or Lease	e Fame North
AMERICAN PETROFINA	COMPANY OF T	PLYAG	•	[(laprock Qu	ican Unit No.
3, Address of Operator		-11000		9	. Well No.	
Box 1311. Big Spr	ing. Texas 7	9720	· .		Tr. 6	No. 5
4. Location of Well		a. 1. 2. 2		1	0. Field and Fa	ol, or Wildcat
UNIT LETTER E	660 FEE.	FROM THE West	LINE AND 3.980	FEET FROM	North Cap	rock Queen
_						
THE North LINE	SECTION 32	TOWNSHIP 12S	HANGE 32E	IMPM.		
	15.	Elevation (Show whether	DF, RT, GR, etc.)	1	2. County	
		4379 D	k.		Lea	VIIIIIII
Ch	eck Appropriate	Box To Indicate N	lature of Notice, Rej	ort or Other	Data	
	OF INTENTION T			SEQUENT F		
		•	(
PERFORM REMEDIAL WORK		PLUG AND ABANDON	REMEDIAL WORK	· 🗀	ALTER	ING CASING
TEMPORABILY ABANDON			COMMENCE DRILLING OPNS		PLJG A	AND ABANDONMENT
PULL OR ALTER CASING	•	CHANGE PLANS	CASING TEST AND CEMENT	JQB	ř	
4	•		OTHER			
OTHER			ОТНЕЯ			
-						
17. Describe Proposed or Comple work) SEE RULE 1103.	ted Operations (Clear	ly state all pertinent det		es, including es	timated date of	starting any proposed
17. Describe Proposed or Comple	ted Operations (Clear	ly state all pertinent deu		es, including es	imated date of	starting any proposed
17. Describe Proposed or Comple work) SEE RULE 1103.			ails, and give pertinent dat	,		
17. Describe Proposed or Complework) SEE RULE 1103. 6-30-69 Set C.I. 1	oridge plug i	n 5-1/2" casing	ails, and give pertinent dat at 2971 and du	mped 2 sx		
17. Describe Proposed or Complework) SEE RULE 1103. 6-30-69 Set C.I. 1 Ran 2-3/8	oridge plug i	n 5-1/2" casing circulated hole	ails, and give pertinent dat at 2971 and du with mud laden	mped 2 sx flu 1 d.	cement on	top plug.
17. Describe Proposed or Complework) SEE RULE 1103. 6-30-69 Set C.I. 1 Ran 2-3/8	oridge plug i	n 5-1/2" casing circulated hole	ails, and give pertinent dat at 2971 and du	mped 2 sx flu 1 d.	cement on	top plug.
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17. Describe Proposed or Comple work) SEE RULE 1103. 6-30-69 Set C.I. 1 Ran 2-3/8	oridge plug i	n 5-1/2" casing circulated hole	ails, and give pertinent dat at 2971 and du with mud laden	mped 2 sx flu 1 d.	cement on	top plug.
17. Describe Proposed or Comple work) SEE RULE 1103. 6-30-69 Set C.I. 1 Ran 2-3/8	oridge plug i	n 5-1/2" casing circulated hole	ails, and give pertinent dat at 2971 and du with mud laden	mped 2 sx flu 1 d.	cement on	top plug.
17. Describe Proposed or Complework) SEE RULE 1103. 6-30-69 Set C.I. 1 Ran 2-3/8' Placed 10	oridge plug in tubing and sk cement plu	n 5-1/2" casing circulated hole ug in top of 5-	ails, and give pertinent dat at 2971 and du with mud laden 1/2" casing and	mped 2 sx flu 1 d.	cement on	top plug.
17. Describe Proposed or Comple work) SEE RULE 1103. 6-30-69 Set C.I. 1 Ran 2-3/8' Placed 10	oridge plug in tubing and sk cement plu	n 5-1/2" casing circulated hole ug in top of 5-	ails, and give pertinent dat at 2971 and du with mud laden 1/2" casing and	mped 2 sx flu 1 d.	cement on	top plug.
17. Describe Proposed or Comple work) SEE RULE 1103. 6-30-69 Set C.I. 1 Ran 2-3/8' Placed 10	oridge plug in tubing and sax cement plus sax cement plus and sax	n 5~1/2" casing circulated hole ug in top of 5~	ails, and give pertinent dat at 2971 and du with mud laden 1/2" casing and	mped 2 sx flu 1 d.	cement on	top plug.
17. Describe Proposed or Complework) SEE RULE 1103. 6-30-69 Set C.I. 1 Ran 2-3/8	oridge plug in tubing and sk cement plu	n 5~1/2" casing circulated hole ug in top of 5~	ails, and give pertinent dat at 2971 and du with mud laden 1/2" casing and	mped 2 sx fluid. set 4-1/2	cement on	top plug.
17. Describe Proposed or Complework) SEE RULE 1103. 6-30-69 Set C.I. 1 Ran 2-3/8' Placed 10	oridge plug in tubing and sax cement plus sax cement plus and sax	n 5~1/2" casing circulated hole ug in top of 5~	ails, and give pertinent dat at 2971 and du with mud laden 1/2" casing and	mped 2 sx fluid. set 4-1/2	cement on	top plug.
17. Describe Proposed or Comple work) SEE RULE 1103. 6-30-69 Set C.I. 1 Ran 2-3/8' Placed 10	oridge plug in tubing and sax cement plus sax cement plus and sax	n 5~1/2" casing circulated hole ug in top of 5~	ails, and give pertinent dat at 2971 and du with mud laden 1/2" casing and of my knowledge and belief,	mped 2 sx fluid. set 4-1/2	cement on	top plug.
17. Describe Proposed or Comple work) SEE RULE 1103. 6-30-69 Set C.I. 1 Ran 2-3/8' Placed 10	oridge plug in tubing and sax cement plus sax cement plus and sax	n 5~1/2" casing circulated hole ug in top of 5~	ails, and give pertinent dat at 2971 and du with mud laden 1/2" casing and	mped 2 sx fluid. set 4-1/2	cement on	top plug.



NEW MEXICO OCD

SUPERVISOR-FRANK RIVAS

30-025-00200

NOR

THEAST CAPROCK QUEEN UNIT

Well:

13

Operator:

SIERRA BLANCA OPERATING CO.

Project:

P&A-

Contract:

04-521-0750-0116

IFB#

40-521-07-00223

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 (BID 96 USED 200 SXS)

.. \$ 1,040.00

CREDIT:

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

540.00

COST = \$15,703.00

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 DATE: 30-Sep-12 FIELD: MWM Caprock BY: LEASE/UNIT: State 32 (formerly NCQU 1 TR 6 SEC 32F #6) WELL: COUNTY: STATE: **New Mexico** Location: 1980' FNL & 1979' FWL, Sec 32F, T12S, R32E KB = SPUD: 8/48 COMP: 9/48 GL = 4376' top CHF CURRENT STATUS: P&A Injector (09-04) API = 30-025-00208 Original Well Name: Phillips Petroleum Company Caprock # 2 12-1/4" 18-5/8" 32# @ 318' w/ 175 sx (circ'd) Spotted 40 sx plug from 368' to surface T-Anhy @ 1400' est Mud Spotted 25 sx plug from 1250' - 1450' 7-7/8" Mud CIBP @ 2815' w/ 5 sx (35') cmt cap 5-1/2" 14# @ 3006' w/855 sx-circ'd Top of Queen @ 3005': Queen Open Hole: 3006' - 3048' (9-48) 4 1/2" liner from 2883' - 3014' w/50 sx(12-58) Queen Open Hole: 3014' - 3046' (12-58) PBTD - 3046' TD - 3048'

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

40-521-07-00223

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

30-025-00208

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

260.00

COST = \$13,263.00

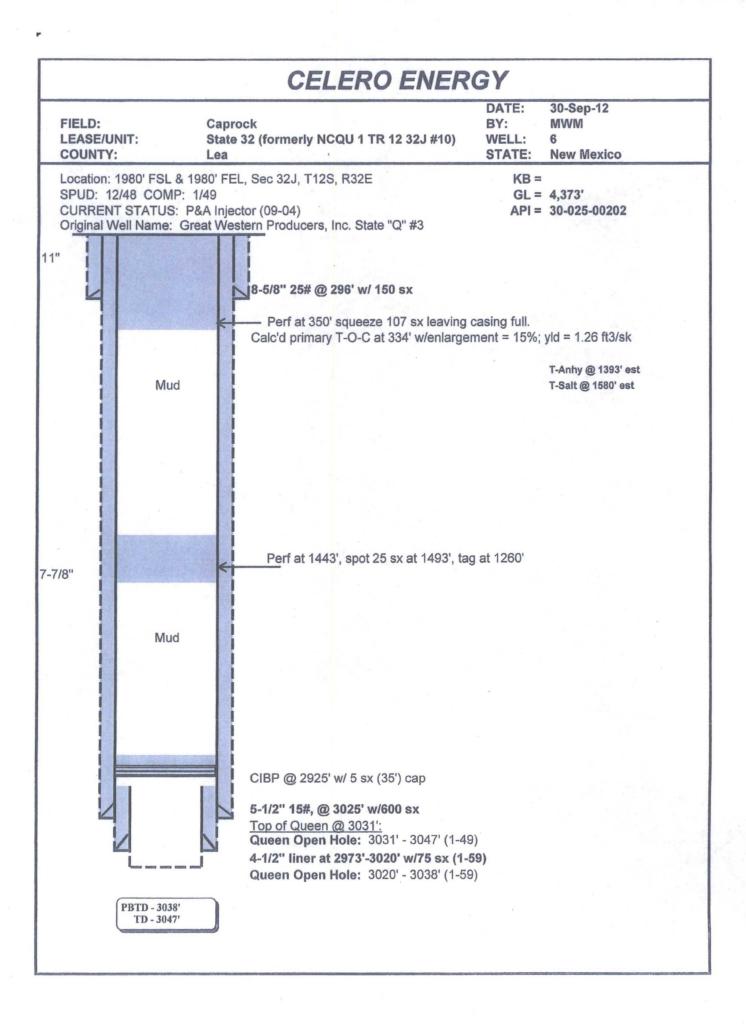
NEW MEXICO OCD HOBBS BID ID # 40-521-07-00223 CONTRACT # 04-521-0750-0116

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



NEW MEXICO OCD

SUPERVISOR-FRANK RIVAS

Lease:

NORTHEAST CAPROCK QUEEN UNIT

Well:

10

Operator:

SIERRA BLANCA OPERATING CO.

Project:

P& A -

Contract: IFB # 04-521-0750-0116

40-521-07-00223

30-025-00 202

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- CÚT 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

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'

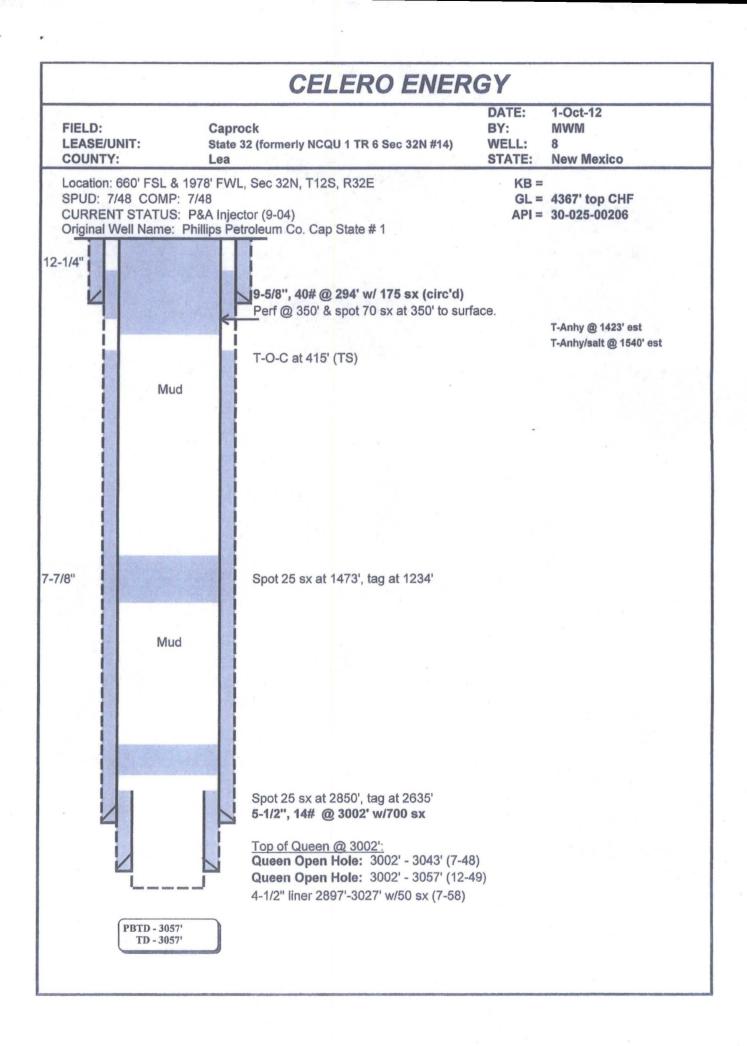
09-09-04 - PERFORATE @ 1443'- TEST TO 1000#

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



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:

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
BIT & SWIVEL
WATER FOR DRILLING
PUMP TO DRILL & CIRCULATE

. \$ 680.00

250.00

50.00

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
PUMP TRUC	K TO RESET PLUG

170.00

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 (BID 96 USED 120 SXS)

240.00

CREDIT:

COST = \$15,773.00

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

OPERATOR: SIERRA BLANCA OPERATING CO.
Lease: NORTHERES 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

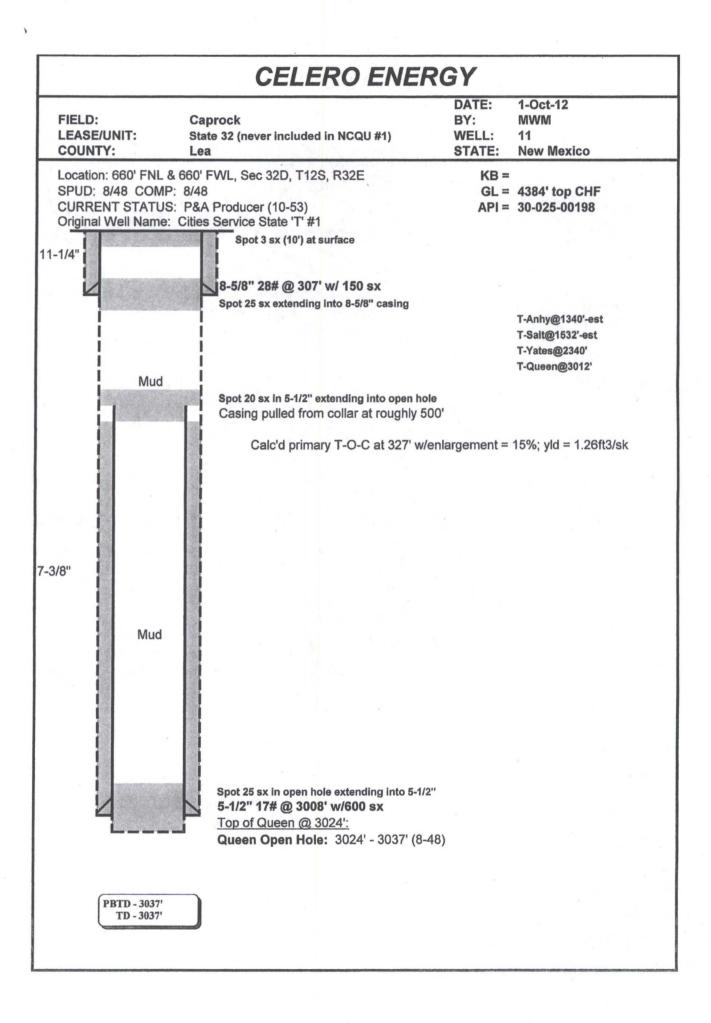
09-14-04 - SPOT 25 SXS @ 355'-170' & TAG

09-15-04 - SPOT 20 SXS @ 170' TO SURFACE

INSTALL DRY HOLE MARKER CIRCULATE 10# MUD

CELERO ENERGY DATE: 1-Oct-12 MWM FIELD: Caprock BY: LEASE/UNIT: WELL: 10 State 32 (formerly NCQU 1 TR 5 SEC 32D #4) COUNTY: **New Mexico** STATE: Location: 575' FNL & 745' FWL, Sec 32D, T12S, R32E KB = SPUD: 1/59 COMP: 2/59 GL = CURRENT STATUS: P&A Injector (06-69) API = 30-025-00199Original Well Name: Graridge NCQU #1 #32-4 Spot 10 sx at surface 12-1/4" 8-5/8", 32#, J-55 @ 324' w/ 160 sx(circ'd) T-Anhy @ 1396' T-Salt @ 1529'-est T-Yates @ 2246' T-Queen at 3019' Mud Primary T-O-C at 1925'(TS) 7-7/8" CIBP @ 2750' w/ 2 sx cmt cap 4-1/2" 9.5# @ 3005' w/300 sx Top of Queen @ 3019': Queen Open Hole: 3005' - 3026' (2-59) 3-1/2", 9.2# liner from 2871' - 3026' w/175 sx(3-61) Queen Perfs: 3021' - 3026' (3-61) PBTD - 3026' TD - 3026'

DISTRIBUTION		· (
			3 2 5 1976 des Old 2 102 and C-103
ANTA FE	NEW MEXICO OIL CO	NSERVATION COMMISSION	Effective 1-1-65
ILE	-		Sa. Indicate Type of Lease
.s.G.s.			State X Fee
AND OFFICE	-		
PERATOR	_]		5, State ()11 & Gas Lease No.
·			imministrik—
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USE "APPLICA	TION FOR PERMIT -" (FORM C-(DI) FOR	SUCH PROPOSALS.)	7. Unit Agreement Name
OIL GAS	To least on	•	7. Om Agreement Name
Name of Operator	other- Injection		8, Form or Lease Name North
AMERICAN PETROFINA CON	MANU OF TRYAC		1 7 2
Address of Operator	PERMI OF IEARS	·	Caprock Queen Unit #1
Box 1311, Big Spring	. Texas 79720		
Location of Well	, 1020 77724		10, Field and Pool, or Wildcat
D	878 Name	L 7/.E	
UNIT LETTER	FEET FROM THE NOTE	h LINE AND 745 FEET	FROM
THE West LINE, SECT	22 12	e 39p	
THE WEST LINE, SECT	10N 32 TOWNSHIP 12	S RANGE 32E	(MPM: ///////////////////////////////////
	15. Elevation (Show wheth	her DF. RT. GR. etc.)	12. Co.in:y
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·	INTENTION TO:	_	JENT REPORT OF:
RFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
MPORARILY ABANDON	_	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
LL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB	l '
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ОТНЕЯ		<u> </u>	* *
	Operations (Clearly state all pertinent	letails, and give pertinent dates, incl	uding actimated data of starting any proper
			during estimated dute of starting dity propos
, Describe Proposed or Completed C work) SEE RULE 1103.		•	naing estimated water of stating any propos
work) SEE RULE (103.			
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-30-69 Set C.I. brid Ran 2-3/8" tu Set 10 sx cen	ige plug in 4-1/2" casinus in desirated with the second care and c	th mud laden fluid.	ement on top of plug.
-30-69 Set C.I. brid Ran 2-3/8" tu Set 10 sx cen	ige plug in 4-1/2" casing and circulated wing sent plug in top of 4-1,	th mud laden fluid.	ement on top of plug.
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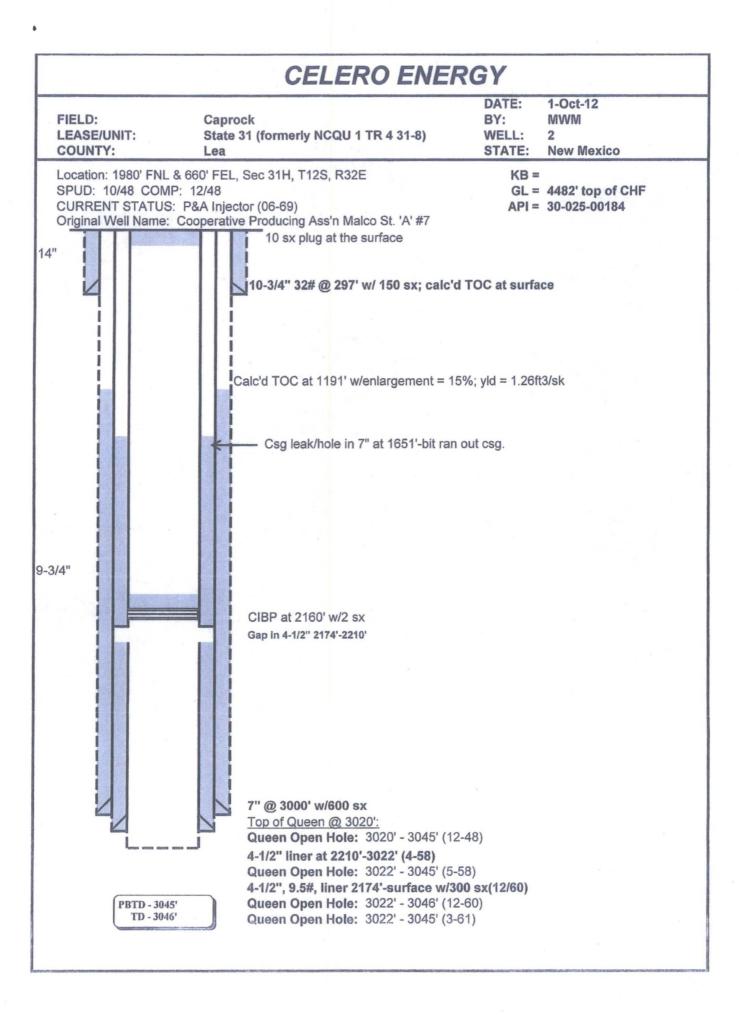


NEW MEXICO OIL CONSERVATION COMMISSION

The state of the s	Sania	Fe, New Mexico	Oll PONORDU	**************************************
MIS	CELLANEOU	s reports o	N WELLS	Similaton
Submit this report in TRIPLICATE pleted. It should be signed and filed as a result of well repair, and other importan instructions in the Rules and Regulations	to the District Office, O eport on Beginning Dril t operations, even thou	il Conservation Commissioning Operations, Results of	on, within 10 days after the work	plugging or well
	Indicate Nature o	f Report by Checking B	elow	
REPORT ON BEGINNING DRILLING OPERATIONS	REPORT ON OF CASING S	RESULT OF TEST SHUT-OFF	REPORT ON REPAIRING WELL.	
REPORT ON RESULT OF PLUGGING WELL	REPORT ON OPERATION	RECOMPLETION	REPORT ON (Other)	
	11	L-10-53	Hobbs, New Me	zi. GO
Following is a report on the work d	one and the results ob	tained under the heading	•	
Cities Service Oil Com			State "T"	
(Company or Opera		•	(Lease)	22
Lea County Casing Pulle (Contractor)			•	
T, R	Caprock	Pool,	Loa	County
The Dates of this work were as follows:	10-22-53 thr	ru 10-24-53	•	
	•		30.30	·
Notice of intention to do the work (was)	(was holy submitted on	Form C-102 on	(Cross out incorrect words)	, 19 ? .
and approval of the proposed plan (was)	(was hot) obtained.		,	
DETAILI	ED ACCOUNT OF W	ORK DONE AND RESI	ULTS OBTAINED	
		0.000		
Plugging operations began 75 barrel of 9.5# mmd la				
in open hole extending u	p into 52" casi	ng; 20 sacks in	5gm casing and open he	le where
52" was pulled out of coup into 8 5/8" casing wh				
caming. The plugged and				
			Plugging was witness	
M. R. Dotson, Lea County Production Foreman, Citi				
was completed October 24				
•	•			
			. •	
		•		
Witnessed by C. M. Hartwell	Cities	Service Oil Comp	***************************************	rintendent
(Name)		(Company)	(Title)	
Approved: OIL CONSERVATION CO	MMISSION	I hereby certify the	and the information given above is the knowledge.	true and complete
L.a. Thomas	526	Name (C	we /// 10	mell
(Name)		Position	District Superintenden	
Oil & Gas Inspector	DEC 16 1953	Representing	Cities Service Cil Com	
(Title)	(Date)		Box 97, Hebbs, New Mes	

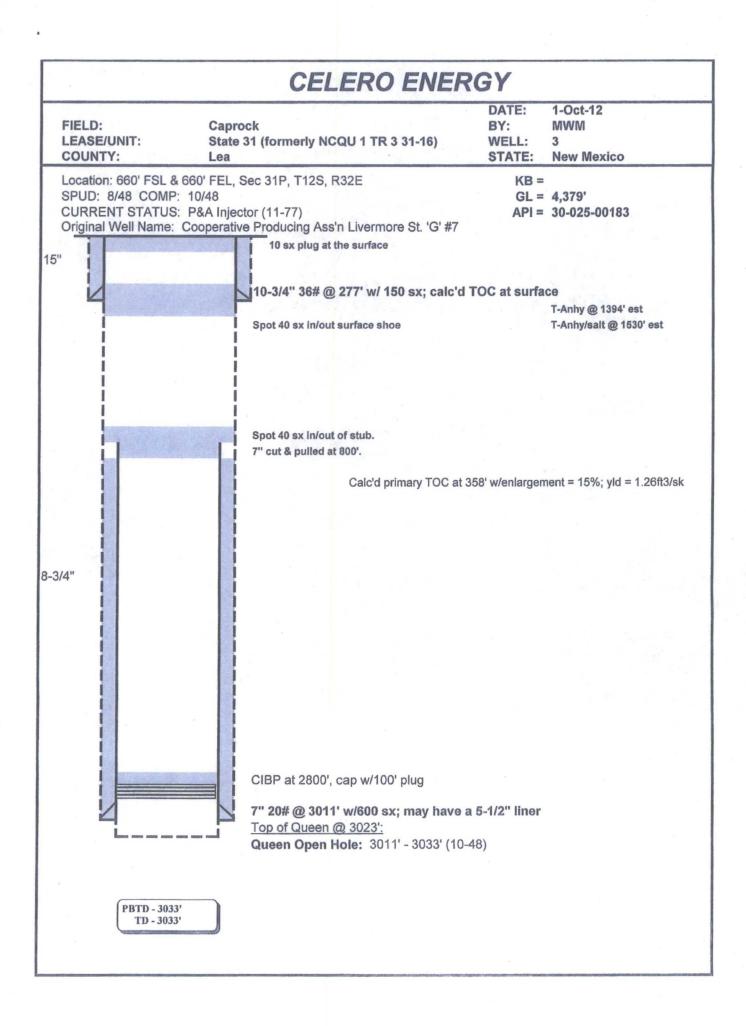
CELERO ENERGY DATE: 29-Sep-12 FIELD: Caprock BY: MWM LEASE/UNIT: State 31 (formerly NCQU 1 TR 3 31-9) WELL: COUNTY: STATE: **New Mexico** Location: 1980' FSL & 660' FEL, Sec 31I, T12S, R32E KB = SPUD: 7/48 COMP: 8/48 GL = 4484'-top of CHF CURRENT STATUS: P&A Producer (06-69) API = 30-025-00182 Original Well Name: Cooperative Producing Ass'n Livermore St. 'G' #6 10 sx plug at the surface 12-1/2" 10-3/4" 36# @ 272' w/ 150 sx; calc'd TOC at surface T-Anhy @ 1400' est T/Anhy/salt @ 1475' est Calc'd TOC at 588' w/enlargement = 15%; yld = 1.26ft3/sk Mud 8-3/4" Mud CIBP @ 2953' w/ 2 sx cap 6-5/8", 20# @ 3003' w/600 sx Top of Queen @ 3018': Queen Open Hole: 3018' - 3020' (6-48); may be deeper PBTD - 3020' TD - 3020'

DISTRIBUTION	FEB 25 1000 cedes Old
SANTA FE NEW MEXICO OIL CONSERVATION COMMIS	· 10 k 23 and C-103
FILE	
U.S.G.S.	5a. Indicate Type of Lease
	18C State X Fee
AND OFFICE	State [8]
DPERATOR 50	5, State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS	
SUNDRY NOTICES AND REPORTS ON WELLS DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RE USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	SERVOIR
•	7. Unit Agreement Name
OIL X GAS WELL OTHER-	•
Name of Operator	8. Form or Lease Name North
	Caprock Queen Unit #1
AMERICAN PETROFINA COMPANY OF TEXAS Address of Operator	9, Well No.
	• • • • • • • • • • • • • • • • • • •
Box 1311, Big Spring, Texas 79720	Tr. 3 No. 9
Location of Well	10. Field and Pool, or Wildent
UNIT LETTER I 1980 FEET FROM THE South LINE AND 66	O FEET FROM North Caprock Queen
THE ERST LINE, SECTION 31 TOWNSHIP 125 RANGE 32	B NMPM.
LINE, SECTION TOWNSHIP RANGE	
15. Elevation (Show whether DF, R7, GR, etc.)	12, County
4484 Cr.	Lee ())))))
OTHER	
work) SEE RULE 1103.	
work) SEE RULE 1103. at 2953' 6-30-69 Set C.I. bridge plug in 6-5/8" casing/and dumped 2 Ran 2-3/8" tubing and circulated hole with mud lade	sx cement on top plug. en fluid.
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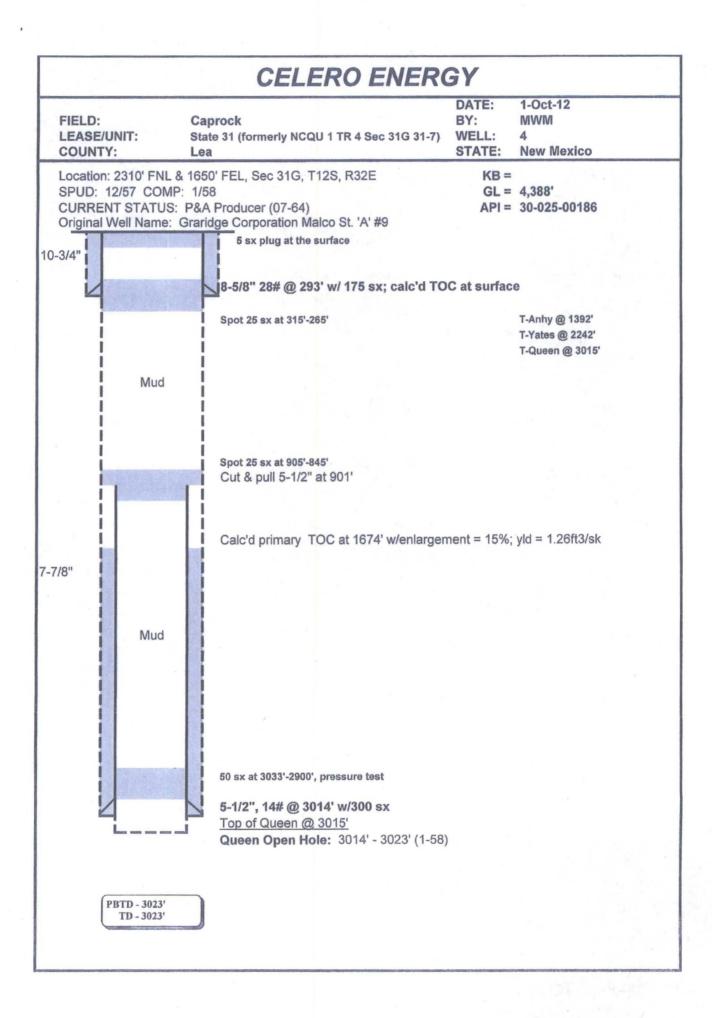
		Form C-103
DISTRIBUTION		Supersedus Old C-102 and C-103
SANTA FE	NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
FILE		
u.s.g.s.		5a. Indicate Type of Lease
LAND OFFICE		State X Fee
OPERATOR		5. State Oll & Gas Lease No.
	,	· ·
SUNDO	W NOTICES AND DEPORTS ON WELLS	ammaninik
SUNDK DO NOT USE THIS FORM FOR PROUSE "APPLICATION."	LY NOTICES AND REPORTS ON WELLS POSTALS TO BEELL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. TON FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
USE "APPLICATI	ION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	7, Unit Agreement Name
OIL GAS	- 4	7. Ont Agreement Annie
WELL WELL	OTHER Injection Well	8. Farm or Lease Name North
		1
AMERICAN PETROFINA COM Address of Operator	PANY OF TEXAS	Caprock Queen Unit #1
•		9, Well No.
Box 1311, Big Spring,	Texas 79720	Tr. 4 No. 8
Location of Well	•	10. Field and Pool, or Wildcat
UNIT LETTER H	1980 FEET FROM THE NORTH LINE AND 660 FEET	North Caprock Queen
•		
THE EAST LINE, SECTION	N 31 TOWNSHIP 128 RANGE 328	имрм. (())
	15, Elevation (Show whether DF, RT, GR, etc.)	12. County
	4482 Gr.	Lea
Charle A	Appropriate Box To Indicate Nature of Notice, Report o	
NOTICE OF IN		JENT REPORT OF:
	OTHER	
	отнея	<u> </u>
OTHER	ОТНЕЯ	
. Describe Proposed or Completed Ope	erations (Clearly state all pertinent details, and give pertinent dates, inc	luding estimated date of starting any propose
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Describe Proposed or Completed Operator (Completed Operator) SEE RULE 1103. 6-30-69 Set C.I. bridg Ran 2-3/8" tub	ge plug in 4-1/2" casing at 2160' and put 2 bing and circulated with mud laden fluid.	sx cement on top of plug.
C. Describe Proposed or Completed Operator (Completed Operator) SEE RULE 1103. 6-30-69 Set C.I. bridg Ren 2-3/8" tub	erations (Clearly state all pertinent details, and give pertinent dates, included as a second state of the st	sx cement on top of plug.
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Describe Proposed or Completed Operator work) SEE RULE 1103. 5-30-69 Set C.I. bridg Ren 2-3/8" tub	ge plug in 4-1/2" casing at 2160' and put 2 bing and circulated with mud laden fluid.	ex cement on top of plug.
Describe Proposed or Completed Operator work) SEE RULE 1103. 5-30-69 Set C.I. bridg Ran 2-3/8" tub	ge plug in 4-1/2" casing at 2160' and put 2 bing and circulated with mud laden fluid.	ex cement on top of plug.
Describe Proposed or Completed Operator (Completed Operator) SEE RULE 1103. 6-30-69 Set C.I. bridg Ran 2-3/8" tub	ge plug in 4-1/2" casing at 2160' and put 2 bing and circulated with mud laden fluid.	ex cement on top of plug.
Describe Proposed or Completed Operator (Completed Operator) SEE RULE 1103. 6-30-69 Set C.I. bridg Ran 2-3/8" tub	ge plug in 4-1/2" casing at 2160' and put 2 bing and circulated with mud laden fluid.	ex cement on top of plug.
Describe Proposed or Completed Operator (Completed Operator) SEE RULE 1103, 5-30-69 Set C.I. bridg Ran 2-3/8" tub	ge plug in 4-1/2" casing at 2160' and put 2 bing and circulated with mud laden fluid.	ex cement on top of plug.
Describe Proposed or Completed Operator (193). 6-30-69 Set C.I. bridg Ran 2-3/8" tub Placed 10 sx c	ge plug in 4-1/2" casing at 2160' and put 2 bing and circulated with mud laden fluid. Sement plug in top of 4-1/2" casing and set 4 3 0 - 37.5 - 00/8	ex cement on top of plug.
7. Describe Proposed or Completed Open work) SEE RULE 1103. 6-30-69 Set C.I. bridg Ren 2-3/8" tub Placed 10 sx c	ge plug in 4-1/2" casing at 2160' and put 2 bing and circulated with mud laden fluid.	ex cement on top of plug.
Describe Proposed or Completed Opework) SEE RULE 1103. 6-30-69 Set C.I. bridg Ren 2-3/8" tub Placed 10 sx c	ge plug in 4-1/2" casing at 2160' and put 2 bing and circulated with mud laden fluid. cement plug in top of 4-1/2" casing and set a second plug in top of 4-1/2" casing a second plug in top of 4-1/2" casi	8x cement on top of plug. 4-1/2" pipe marker.
Describe Proposed or Completed Operator (193). 6-30-69 Set C.I. bridg Ran 2-3/8" tub Placed 10 sx c	ge plug in 4-1/2" casing at 2160' and put 2 bing and circulated with mud laden fluid. Sement plug in top of 4-1/2" casing and set 4 3 0 - 37.5 - 00/8	8x cement on top of plug. 4-1/2" pipe marker.

CONDITIONS OF APPROVAL, IF ANY



NO. OF COPIES PECLIVED] -		•	•	Form C'-101
DISTRIBUTION] ·				Supersedes Old
ANYA FE] NEW ME	XICO OIL CON	SERVATION COMM	SSION	C-102 and C-101 Effective 1-1-65
IL.C.	_				
.\$.6.5.]				Sa. Indicate Type of Leaso
AND OFFICE			e ^{to} ng on a con		Stote X 1'ce
PERATOR]	30	2-025-6	D183	5, State Oll & Gas Lease Ro.
	· .	·			
SUND	RY HOTICES AND	DEPORTS ON	WELLS		
IDD NOT USE THIS FORM FOR IN	TOURS FOR PLANTE ON THE	THE CARREST OF THE	HACK TO A DIFFERENT RE	SERVOIR.	
			. ,		7. Unit Agreement Bune No. 1
MARY ALERY TO	6146 #-	Injection	n Well	• •	No. Caprock Queen Unit
Name of Operator					6. Ferm of Lease Hame
Vega Petroleum Corpo	ration .				No. Caprock Queen Unit
Address of Operator					9, Well No.
F. O. Box 2383, Midl	and, Texas 7970)1		•	Tract 3, Well No. 16
ecution of Well				,	10. Field and Fool, or Wilders
UNIT LETTER P	660	South	LINE AND	FEET FROM	Caprock Queen (Lea)
			LINE ANDEF	/ C / NOM	
East Luc, scere	31.	12-	S RANGE 32	2-E NMPIG.	
	011		***************************************	· ·	
	15. Elevett	on (Show whether	DF, RT, GR, etc.)		12. County
	(IIII)				Lea (IIIIIII)
Check	Appropriate Box	l'o Indicate N	acure of Morice	Report or Oth	
NOTICE OF I		to marchic 14		SUBSĖQUENT	
101102 01 11	TELEVITION TO			3003EQ0ER1	REPORT OF.
TOHM REMEDIAL WORK		INO ABANDON	REMEDIAL WORK		·
· 75	PLUG A	NO YBYHODK		H	ALTERING CASING
COGRANILY ABANDON		E PLANS	MAD ON TEST SHIERS	كمعمز	У ТИЗІННОВІЛВА ВИЛ РИЈЯ
TO ACTUAL CASING	CHARGE	· PEANS			ļ-
OTHER		- m	OTHER		l.
			•		•
Describe Proposed of Completed Or	erations (Clearly state	all pertinent deta	ils, and give pertinent	dates, including o	estimated date of starting any propose
coll SEE RULE 1103.	•		•		•
			•	-	. · · · .
1. Displaced hole wi	th 2500# per 10	00 bbls. sa	lt base mud.	•	•
2. Set CIBP at 2800'			•		
3. Set 100' cement p	lug on top of	CIBP.			٠.
4. Cut off and pulle	d 7" casing at	800'.		•	
5. Spotted 40 sx. ce	ment plug in-a	nd-out of 7	" casing and s	tub.	
6. Spotted 40 sx. ce	ment plug in-ar	nd-out of s	urface casing	and stub.	
7. Spotted 10 sx. ce	ment plug at su	urface and	erected 4-1/2"	regulation	dry hole marker.
8. Cleaned up locati	on for NMOCC in	aspection.			·
•		• .	,		
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scieby certify that the information i	buye is true and count	ete to the heat of	my knowledge and had	iel.	
	/	··· (0 ···· 0 ··· 0 · • 0 · • 0 · • 0 · • · •	my minutes again minutes	·•	* •
B H7. 16.1	ℓ	- -	Manager	•	11-4-77
Jerya Ma	anoun	*111C			DATE
	<u> </u>				Ř:
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			Tea.		
when is !!	america				DATE

HOLLION OF APPROVAL, IF ANYI

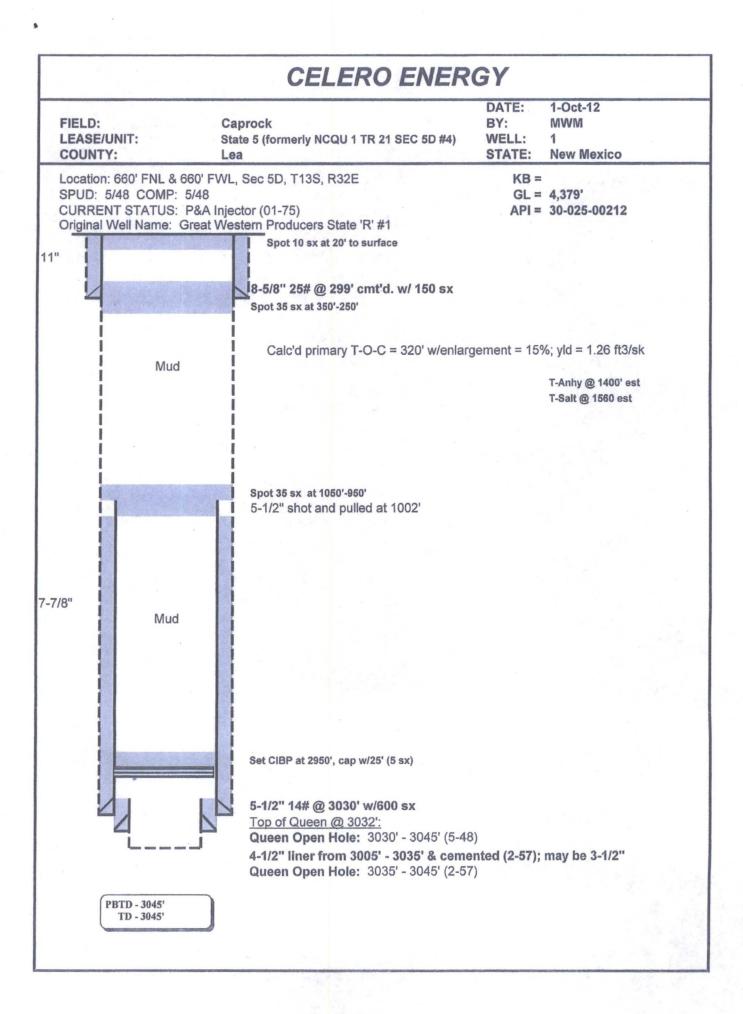


			HEM WEXIC				ONIA	์ปหัหนีรัย เ	ON (\$ 0, 0, 0,		FORM C-103 (Rev 3-55)
			MISCELL Submit to appropris				51,Q1	IX IA			
			Submit to appropri	ate District			Com	mission 144	ग्रमा ज्यु <i>न</i>		
Name of Com						deess	_	250 -		_	76006
Graride Lesse	e Corpora	t1on	lw.	ell No.				Township	eckenridge.	Repa	
Cap Uni	t			31-7	G		31	125			32E
Date Work Pe			Poal	à			•	County			,
July 3 -	July 20.1	964	Caprock THIS IS A	REPORT	F: (Cb	eck gos	robria	Lea te block)		_	
☐ Beginnin	og Drilling Op	eratio		ng Test and				Other (E	splain):	_	
X Pluggia			☐ Reme	edial Work							
Detailed acco	unt of work d	one, n	store and quantity of	materials u	sed, and	results	obta	ined.			
1. Pu	mped 50 s	ack	cement plug 2	900' - 30	033' u	sing	10#	mud to	pump plug t	#1th	١.
2. Pr	essure te	sted	l plug.					٠.	R S. C	æ. 1	v 8. B
3. Cu	t off 54"	cas	ing at 901' an	nd pulle	d.						
									AGG	17	1964
4. Set 25 sack cement plug 845' - 905'.					F 1						
5. Se	t 25 sack	cem	ent plug 265'	- 315',		•					tu. Defius
			nt plug and p								
Witnessed by				Position		Сошрацу					
В. В.	Phillips	<u> </u>	CUL NU DELC	Superi		endent Graridge Corporation DIAL WORK REPORTS ONLY					
			FILL IN BELL		AL VEL			FOR 13 U	11.7		
D F Elev.		TD		PBTD				Producing	loterval	Co	empletion Date
Tubing Diame	ter		Tubing Depth		Oil	String [Diame	ter	Olf String	Dep	th
Perforated Int	ctari(s)		<u> </u>								
Open Hole lat	erval				Proc	lucing l	Porma	tioa(s)			
· · · · · ·				RESULT	S OF W	ORK OV	/ER				
Test	Date of Test		Oil Production BPD		oduction FPD	W,		roduction PD	GOR Cubic feet/B	ы	Gas Well Potential
Before Workover											
After Vorkover											
	OIL CONS	ERYA	TION COMMISSION		1 10	hereby the be	certif	y that the in my knowled;	formation given pe.	abov	e is true and complete
Approved by	Lesla		V. Clen	wests		ae		1a	Frel		
Ticle	70				1	sition Manag	er	of Produ		î. A	. Ford
Date						праву					

30-025-00186

CELERO ENERGY DATE: 1-Oct-12 FIELD: MWM Caprock BY: LEASE/UNIT: WELL: 5 State 31 (formerly NCQU 1 TR 3 Sec 31J 31-10) **New Mexico** COUNTY: STATE: Location: 3300' FNL & 1980' FEL, Sec 31J, T12S, R32E KB = SPUD: 6/45 COMP: 7/45 GL = CURRENT STATUS: P&A Injector (06-69) API = 30-025-00197 Original Well Name: G. P. Livermore, Inc. St. 'G' #5 10 sx plug at the surface 11" 8-5/8" 25# @ 258' w/ 125 sx; calc'd TOC at surface Calc'd TOC at 296' w/enlargement = 15%; yld = 1.26ft3/sk T-Anhy @ 1385' est T-Anhy/salt @ 1463' est Mud 7-7/8" CIBP at 2840', cap w/2 sx 5-1/2", 15# @ 2977' w/600 sx Top of Queen @ 3013': Queen Open Hole: 2977' - 3015' (7-45) Queen Open Hole: 2977' - 3031' (12-49) 4-1/2" liner 2881'-3009' w/75 sx (1-56) PBTD - 3031' TD - 3031'

NO. OF COPIES RECEIVED	3	Form C+, 03
DISTRIBUTION		Supersedes Old
SANTA FE	NEW MEXICO OIL CONSERVATION COMMISSION	Etteduly 111-59
FILE		Les Indiants Tree of Lawrence
U.S.G.S.	30-025-00197	Sa. Indicate Type of Lease State XX Fee
DERATOR	70-013	5. State Oil & Gas Lease No.
OPERATOR		0. 9.20
	SUNDRY NOTICES AND REPORTS ON WEL_S	
	SUNDRY NOTICES AND REPORTS ON WEL_S A FOR PROPOSALS TO DRILL OR TO DEEPEN OR FLUG BACK TO A DIFFERENT RESERVOIR. APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.)	
l. OIL GAS	Todased on so-11	7, Unit Agreement Name
2. Name of Operator	OTHER- Injection well	8. Farm or Lease Hame North
America	n Petrofine Company of Texas	Caprock Queen Unit #1
3. Address of Operator		9. Well No.
4. Location of Well	1, Big Spring, Texas 79720	Tr.3 No. 10
4. Location of well	2200	10. Field and Pool, or Wildcat
UNIT LETTER		North Caprock Queen
THE East LIN	E, SECTION 31 TOWNSHIP 128 RANGE 32K NMPM.	
LIN	NMPM,	
	15, Elevation (Show whether DF, RT, GR, etc.)	12. County
		Les
10,	Check Appropriate Box To Indicate Nature of Notice, Report or Oth	ier Data
NOTICE	OF INTENTION TO: SUBSEQUENT	REPORT OF:
TEMPORAR!LY ABANDON	PLUG AND ABANDON REMIDIAL WORK	ALTERING CASING
PULL OR ALTER CASING	COMMENCE DRILLING OPHS. CHANGE PLANS CASING TEST AND CEMENT JOB	PLUG AND ABANDONMENT
FORE ON ACIDA CASING	OTHER	
OTHER		
work) SEE RULE 1103.	pleted Operations (Clearly state all pertinent details, and give pertinent dates, including	estimated date of starting any proposed
		•
6-30-69	Set C.I. bridge plug in 5-1/2" casing at 2840' and d	lumped 2 skw
	cement on top plug.	impo o ordi
•	Ran 2-3/8" tubing and circulated hole w/ mud laden i	fluid.
•	Manad 10 als assess along the home of # 1/0# and the	
	Placed 10 sk cement plug in top of 5-1/2" casing & a pipe marker.	SEE 4-1/2"
· .	- F	•
•		·
	,	
•		•
JCC: ft		
JULIE		
		•
18. I hereby certify trat the infe	ormation above is true and complete to the best of my knowledge and belief.	
1/1/11	•	
SIGNED 727/2 1/2	J.H. Denson TITLE Asst. District Mgr. of Prod	. DATE 2/24/70
1/10		
	D	**************************************
IPPROVED BY	Hungan HILE Con 114	DATE.
CONDITION OF AFPROVAL.	IF ANY:	•



DISTRIBUTION SANTA FE U.S.G.S. LAND OFFICE OPERATOR NO. OF COPIES RECEIVED NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE OPERATOR 30 -025 -027 2	Form C-103 Supersedes Old C-102 and C-103 Effective 1-1-65 Sa. Indicate Type of Lease State X Fee 5. State Oil 6 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-1011 FOR SUCH PROPOSALS.)	
well GAS WELL OTHER Injection Well	7. Unit Agreement Name No. 1 No. Caprock Queen Unit
2. Name of Operator Usga Let	6, Farm or Lease Name
Thunderbird Oil Corporation 3. Address of Operator 2393	No. Caprock Queen Unit
P. O. Box 1778, Midland, Texas 79701	Tract 21, Well No. 4
4. Location of Well UNIT LETTER D 660 PEET PROM THE NORTH LINE AND 660 PEET PROM	10. Field and Pool, or Wildcat Caprock Queen (Lea)
	Milli Milli Milli
THE West LINE, SECTION 5 TOWNSHIP 13-S RANGE 32-E NMPM.	
15, Elevation (Show whether DF, RT, GR, etc.)	12. County
4390'	Lea
Check Appropriate Box To Indicate Nature of Notice, Report or Other Notice OF Intention to:	ner Data FREPORT OF:
PULL OR ALTER CASING CHANGE PLANS CASING TEST AND CEMENT JOB OTHER	PLUG AND ABANDONMENT [X]
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including work) SEE RULE 1703.	estimated date of starting any proposed
8-5/8" @ 299' w/150 sx. 5-1/2" @ 3029' w/600 sx. 3-1/2" Liner @ 3005-3035'.	
1-14-75 1. Hole was displaced with salt base mud. 2. 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 6. Set 35 sx. cement plug in-and-out of 8-5/8" casing @ 350' to 27. Set 10 sx. cement plug @ surface from 20' to 0' and erected 4-dry hole marker. 	950' . 250'.
8. 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 Ham I Suffer TITLE President	DAYE Feb. 28, 1975
John Runyan - John Runyan - Approved by Carpingist Title	ن الله الله الله الله الله الله الله الل

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		6.5	00		
2.	Specific Gravity 60	/60 F.	1.2	04		
3.	CACO3 Saturation	Index	@ 80F	1.125	Moderate	
			@140F	2.505	Severe	
E	issolved Gasses		•	MG/L.	EQ. WT.	*MEQ/L
4.	Hydrogen Sulfide			Not Present		
5.	Carbon Dioxide			300		
6.	Dissolved Oxygen	•		Not Determined		
	ations	•			,	-
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		
A	nions	,		•	•	
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 Sol	ids		298,675	•	
17.	Total Iron	(Fe)	•	11.50	/ 18.2 = -	0.63
18.	Manganese	(Mn++)		Not Determined	. 4	
19.	Total Hardness as	CaCO3		26,544		
20.	Resistivity @ 75 F.		i)	0.00	01 Ohm ⋅ meters	
		•	•			

LOGARITHMIC WATER PATTERN

*meg / L. HING HING HING LAND CI Ca ∰H 出版 HC03

4195					
1160			K	`	`-
1125			/		-
1090 —		/			
1055			;		
1020	\neg				
985		/	_		\neg
915					
1880	$\neg \forall$				
emp °F. 50	70	90	110	130	160

PROBABLE MINERAL COMPOSITION

(1/00	WORF MINING	AL COMI COM	10:1
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
	* milliequivale	ents per Liter	

Kevin Byrne, Analyst

Martin Water Laboratories, Inc.

P.O, BOX 98 MIDLAND, TX. 79702 PHONE (432) 683-4521

RESULT OF WATER ANALYSES

709 W. INDIANA MIDLAND, TEXAS 79701 FAX (432) 682-8819

D 97 1 1		LABORATORY NO	9	12-266	
TO: Evan Wauhob		SAMPLE RECEIVED _	9-18-12		
400 W. Illinois, Suite 1601, Midland,	CX_79701	RESULTS REPORTED_	-25-12		
Calama					
COMPANY Celero	l	EASE N.	Rock Queen Un	it Section	
FIELD OR POOL		·			
SECTION BLOCK SURVEY	COUNTY	Lea STATI	Ξ <i>λ</i>	IM	
SOURCE OF SAMPLE AND DATE TAKEN:		· · · · · · · · ·			
NO. 1 Submitted water sample - tak	en 9-11-12 from stoc	k tank. 3E4/NE4	7 DEC F-11	35-K32E	
NO. 2	·	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
NO.3					
NO. 4					
REMARKS:			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
	HEMICAL AND PHYSIC		NO 2	NO 4	
Garden Cardon S	NO. 1	NO. 2	NO. 3	NO. 4	
Specific Gravity at 60° F.	1.0028			<u> </u>	
pH When Sampled pH When Received	7.70				
Bicarbonate as HCO,	7.70		 		
Supersaturation as CaCO,	63		· · · · · · · · · · · · · · · · · · ·		
Undersaturation as CaCO,	- 	-			
Total Hardness as CaCO ₃	244	 			
Calcium as Ca	244 80	- 		<u> </u>	
Magnesium as Mg	. 11.		 		
Sodium and/or Potassium	165				
Sulfate as SO ₄	365	+			
Chloride as Ci	122	- 	*******	 	
Iron as Fe	0.15				
Barlum as Ba	0.15	 		· · · · · · · · · · · · · · · · · · ·	
Turbidity, Electric					
Color as Pt		- 		-	
Total Solida, Calculated	806				
Temperature *F.			·		
Carbon Dioxide, Calculated					
Dissolved Oxygen,		· .	· · · · · · · · · · · · · · · · · · ·		
Hydrogen Suifide	0.0				
Resistivity, ohmaim at 77° F.	8.560				
Suspended Oil				· · · · · · · · · · · · · · · · · · ·	
Filtrable Solids as mg/l					
Volume Filtered, ml					
	Results Reported As Milli			·	
Additional Determinations And Remarks	The undersigned	certifies the above to	be true and corr	ect to the best	
of his knowledge and belief.				·	
				 	
		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	<u>. </u>	
to an analysis and the first through the property of the second of the s	·	 	·	<u> </u>	
		<u></u>			
		- John State			
	··				
		-17 / 10			
* • • •		1000	<u></u>		

Greg Ogden, B.S.

P.O. BOX 98 MIDLAND, TX. 79702 PHONE (432) 683-4521

Martin Water Laboratories, Inc.

709 W. INDIANA MIDLAND, TEXAS 78701 FAX (432) 682-8819

RESULT OF WATER ANALYSES

	· .	ABORATORY NO.	1	1012-204	
Evan Wauhob		SAMPLE RECEIVED	10 10 10		
400 W Illinois, Ste 1601 Midland, TX 79701		RESULTS REPORTED.		0-12-12	
•	•	•			
COMPANY Celero Energy	LE	ASE N.	Rock Queen Un	<u>rit</u>	
IELD OR POOL	- 	·			
t	COUNTYL	.eastat	E1	New Mexico	
OURCE OF SAMPLE AND DATE TAKEN:	0.11.10.031001	10 4000	· audhua	· /	
NO. 1 Submitted water sample taken !	0-11-12 @ NRQL	Sec 6 (SW corner) 349/344	SEC 6-1135-K321	
NO. 2 Submitted water sample taken I	0-11-12 @ NRQU	J Sec 36 (1/2 NE of	136-1) NE4/N	E4 SEC 36-TIZS-1	
NO. 3			·		
NO. 4					
EMARKS:					
	ioni AND DINGO	/ ADADEDTICA			
CHEN	IICAL AND PHYSICA NO. 1	NO. 2	NO. 3	NO. 4	
Specific Gravity at 60° F.	1.0028	1.0028	110.0	10.7	
of When Sampled	1.0048	1.0028			
or When Received	7.40	7.40			
Bicarbonate as HCO ₂	156	146		-	
Supersaturation as CaCO,	1.0	190			
Undersaturation as CaCO,	<u> </u>			· · · · · · · · · · · · · · · · · · ·	
Total Hardness as GaCO,	212	348	* ****		
Calcium as Ca	78	120			
Magneslum as Mg	4	12	•		
Bodium and/or Potassium	37	101			
Sulfate as SO.	114	291			
Onloride es GI	33	102			
ron as Fe	53	-5.6			
Barium as Ba		0.0			
Furbidity, Electric		, and the second			
Color as Pt			·		
otal Solids, Calculated	423	772	<u> </u>		
femperature *F.				· ·	
Carbon Dioxide, Calculated	<u> </u>				
Dissolved Oxygen,				ļ	
lydrogen, Sulfide	0.0	. 0.0	·····		
lesistivity, ohma/m at 77° F.	19,900	9.630		ļi	
suspended Oli					
ilirable Solids as mg/l	ļ				
Volume Filtered, mi					
		<u> </u>			
	 				
	Results Reported As Milligr	I		<u> </u>	
			tuna and same	a sha baat a Cl I	
knowledge and belief.	rue minersigned ce	rtifies the above to be	: THE ADD COFFECT	to the pest of his	
	<u>:</u>	<u> </u>	**************************************		
					
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			1		
rm No. 3		1.	The state of the s		
		-			

LATHAM PRINTING CO. - 333-1292

Greg Ogden, B.S.

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

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 Divison (Hobbs Office) 1625 N. French Drive Hobbs, New Mexico 88240