STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505 Case 15255 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:Legacy Reserves Operating LP
	ADDRESS:P. O. Box 10848, Midland, TX 79702
	CONTACT PARTY:Mr. Jim Bruce, Esq. 505-982-2043, or Mr. Michael Metza 432-689-5204_ PHONE:
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 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:
	<ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,</li> <li>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.).</li> </ol>
*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: _Michael W. Metza TITLE: _Engineer
	SIGNATURE: Nechael W. /lefs DATE: December 2, 2014
*	E-MAIL ADDRESS:mmetza@legacylp.com

#### 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.

Drickey Queen Sand 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 of the Drickey Queen Sand Unit consisting of all or parts of Sections 33, 34, and 35, T13S, R31E and Sections 1, 2, 3, 4, 9, 10, 11, 14, 15, 16, and 22, T13S, R31E, Chaves County, NM.

Operator: Legacy Reserves Operating, LP

VII. Data on the Proposed Operation:

1. The proposed average water injection rate is 600 BWPD per well, and the proposed maximum injection rate is 1500 BWPD per well.

The proposed average CO2 injection rate is 1250 MCFPD per well, and the proposed maximum injection rate is 3000 MCFPD per well.

This is an Enhanced Oil Recovery Pilot in which Legacy plans to inject carbon dioxide, hydrocarbon gas, and water into the Queen Formation using a "water alternating gas (WAG)" method. Legacy is initially planning to use a fixed WAG flooding schedule and adjust it as needed based on how the Queen reservoir subsequently performs. The Project will begin using a higher WAG ratio to allow for reservoir fillup then the WAG ratio will be reduced during the primary flooding phase of the project. The WAG ratio will likely again increase as the project reaches maturity.

- The system will be closed. Produced water will be recovered and reinjected into the Queen Formation. Produced carbon dioxide and hydrocarbon gas will be recovered and compressed then mixed with clean carbon dioxide as part of the normal injection schedule in the Project Area.
- 3. The proposed average and maximum water injection pressure is 800 psi. This pressure is higher than the pressure which would normally be allowed using the traditional calculation of 0.2 psi/ft X Depth (ft) to the Queen formation. Legacy and past operators have performed 25 step rate tests in the Drickey Queen Sand Unit and in the Rock Queen Unit (RQU) immediately to the north. These tests show that Legacy can safely inject at 800 psi without exceeding the fracture pressure of the Queen Formation in the Drickey Queen Sand Unit. The wells and their test results are presented on the attached map of the DQSU and the RQU. Likewise attached are the results of recent tests which were run in 8 wells in the DQSU. Tests referenced on the map which were done by prior operators were submitted to the OCD by those operators who subsequently received approval to increase surface injection pressure.

Legacy is seeking approval to apply the average and maximum produced water injection pressure of 800 psi to all current and future water injection wells and WAG injection wells in the entire Drickey Queen Sand Unit. Legacy is also seeking to apply an average and maximum surface injection pressure for CO2 of 1200 psi based on evidence submitted as Exhibit 33, Case #14505, Order #R-1541-B authorizing a maximum surface injection pressure for CO2 of 1200 psi in the Rock Queen Unit to the north.

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

As shown on Exhibit #33, Case #14505, Order R-1541-B, the higher injection pressure for carbon dioxide is necessary to account for the lower density of carbon dioxide at field operating conditions.

 The source water for the Rock Queen Unit is recycled produced water and fresh water (Ogallala formation) from local wells. Water analyses for both and a compatibility test are attached.

#### VIII. The Geologic Data:

• Geologic Age: Permian

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

Average Thickness: 15 feet

Lithology: Shaley sandstone

Measured Depth: 3000' to 3100'

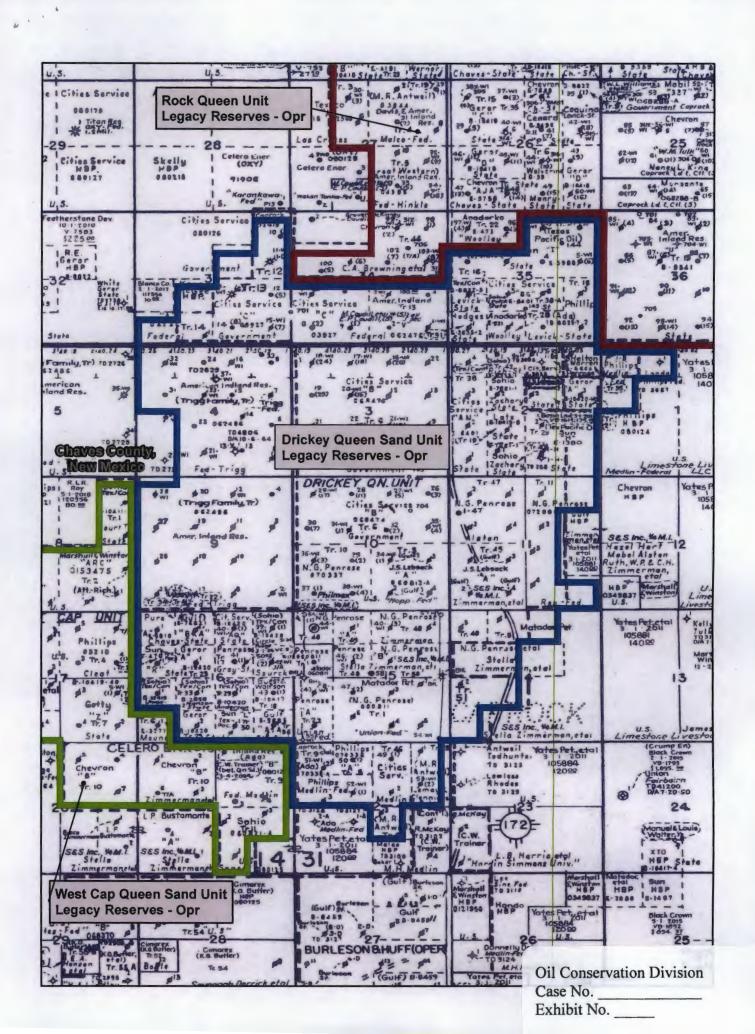
Sources of underground drinking water: Ogallala formation at depths from 100' to 200'.

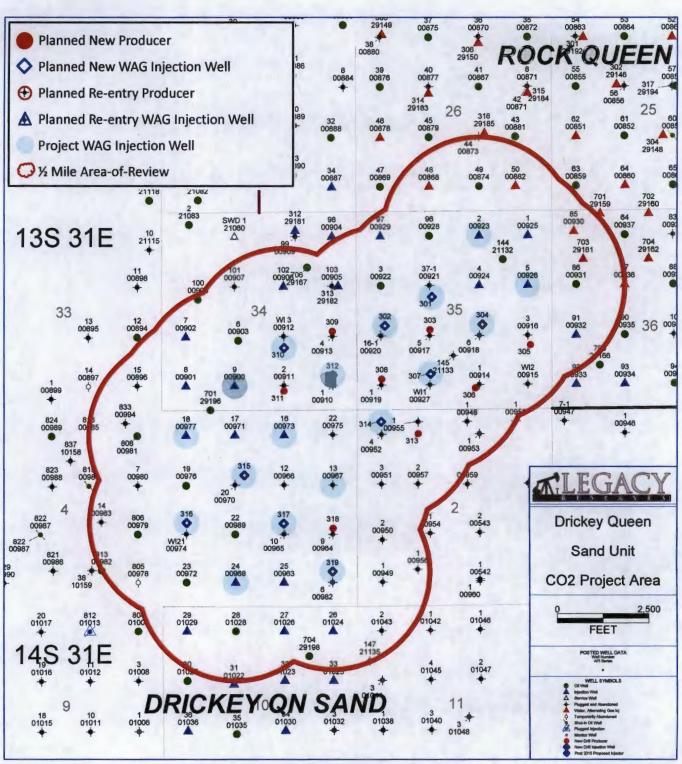
#### IX. Data on the Proposed Stimulation Program:

- Normally, a mild 7-½% NEFE HCL treatment with appropriate additives will be pumped.
- 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:

There is one recently-drilled fresh water well within one mile of any injection well on the Drickey Queen Sand Unit. The well is located in Section 34 (F), T13S, R31E, Chaves County, NM. A recent chemical analysis of the well's water and a map showing the location of the well are attached.





# Drickey Queen Sand Unit CO2 Project--Application for EOR Project Involving Use of CO2 Miscible Displacement Production History and CO2 Project Forecast

- The original DQSU and subsequent additions were developed in the mid- to late-1950's when 144 wells were drilled on what is now the unit's 7002 acres. Wells were drilled on 40-acre spacing.
- Primary production in the Unit Area peaked in 1956 at 4659 BOPD. Production was at a low GOR and gas was vented due to lack of a market.
- Production was at a very low water cut until waterflood operations were started in 1959. Estimated Primary Recovery is 10% OOIP.
- The Unit Area was put on a conventional 5-spot, 80-acre pattern by converting one-half of the wells to injection. Injection
  peaked in 1965 at 21185 BWPD until Celero Energy II LP purchased the property after which injection peaked in 2008 and
  again in 2013 at 7537 BWPD and 12285 BWPD, respectively.
- Peak waterflood response occurred in 1962 at 5194 BOPD with 3634 BWPD. Peak water production occurred in 1968 at 17668 BWPD until Celero Energy II LP began returning wells to production and water peaked in 2008 and again in 2013 at 7829 BWPD and 11483 BWPD, respectively.
- Production continued to decline and the area became marginal by 1975. From that time to 2000, wells were plugged or shut
  in until only one producing well remained. Celero Energy II LP reactivated a number of wells between 2008 and 2013, and
  there are now 20 producers and 24 injectors.
- Secondary Recovery is estimated at 28% OOIP; total primary and secondary recovery is 38% OOIP. Secondary/Primary
  ratio is 2.8. Cumulative oil recovery is 16.6 MMBO, cumulative gas production is 4.5 BCF, and cumulative water production is
  112 MMBW
- The Unit has had numerous operators throughout its life. Legacy Reserves LP purchased the property in May, 2014, specifically for the purpose of developing the Unit using CO2 miscible displacement.
- Estimated recovery from miscible CO2 is 5.2 MMBO or approximately 10% OOIP. Tertiary/secondary recovery ratio is 0.36.
- Purchased CO2 is estimated at 39.2 BCF; produced CO2 will be re-injected. Total CO2 injection is 183 BCF; CO2 utilization is roughly 35 MCF/STB.
- Anticipated date of first injection is August, 2015. Peak oil response is estimated at 2250 BOPD.

Oil Conserva	ation Division
Case No.	
Exhibit No.	

### LEGACY RESERVES LP

DATE: 9-Jul-14 BY: MWM FIELD: Caprock LEASE/UNIT: **Drickey Queen Sand Unit** WELL: Chaves STATE: **New Mexico** COUNTY: KB = 4414' Location: 660' FNL & 1980' FEL, Sec 35B, T13S, R31E SPUD: 4/55 COMP: 4/55 GL = 4403' **CURRENT STATUS: Active WIW** API = 30-005-00923 Original Well Name: N.M. State "I" A/c 1 #3 8-5/8" 28#/ft @ 237' w/140 sx, circ'd 62 sx T-Anhy @ 1420' T-Salt @ 1470' B-Salt @ 2150' T-Yates @ 2300' T-7Rvrs @ 2410' T-Queen @ 3040' 2-3/8", 4.7#, J-55, 8rd EUE TDC IPC Injection Tubing 7-7/8" TOC on 5-1/2" @ 2622' (3/08 CBL) Oil Conservation Division Case No. Exhibit No. Ni-plt'd AS-1X w/T-2 on/off & SS 1.5" 'F' PN at 3003', E-O-FG TP at 3038' 4", 11#, L-80, 8rd TDC at 3034' w/100 sx, circ'd 8 sx. 5-1/2" 14# @ 3038' w/100 sx Top of Queen @ 3039': Queen Open Hole: 3039' - 3042' (4-55) Queen Open Hole: 3039' - 3080' (3-08) PBTD - 3080' TD - 3080'

PERATOR:Legacy Reserves LP				
ELL NAME & NUMBER: Drickey Queen Sand Unit	#2			
ELL LOCATION:660' FNL & 1980' FEL		35	13S	31E
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE
WELLBORE SCHEMATIC		WELL Consumption	ONSTRUCTION DAT Casing	<u>'A</u>
	Hole Size:11"_		Casing Size:8	- 5/8"
	Cemented with:	140sx.	or	ft <sup>3</sup>
	Top of Cement:S	urface	Method Determined	l:Circ
		Intermedia	te Casing	
	Hole Size:		Casing Size:	
	Cemented with:	sx	. or	ft <sup>3</sup>
	Top of Cement:		Method Determined	l:
		Productio	n Casing	
	Hole Size:5"		Casing Size:4"	
	Cemented with:	100sx.	or	ft <sup>3</sup>
	Top of Cement:S	urface	Method Determined	l:Circ
	Total Depth:	3080'		
		Injection	Interval	
	3034'	fee	t to3080'(Openho	ole)
	,	(Perforated or Open I	Iole; indicate which)	

ing S	Size:2 - 3/8"Lining Material:Plastic
Тур	pe of Packer:AS-1X
Pac	eker Setting Depth:3003'
Oth	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection?YesXNo
	If no, for what purpose was the well originally drilled?Producer
2.	Name of the Injection Formation:Queen
3.	Name of Field or Pool (if applicable):Caprock
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) usedNone
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None_

### LEGACY RESERVES LP

FIELD:

Caprock

DATE: BY:

27-Oct-14 MWM

LEASE/UNIT:

**Drickey Queen Sand Unit** 

WELL:

COUNTY:

Chaves

STATE:

**New Mexico** 

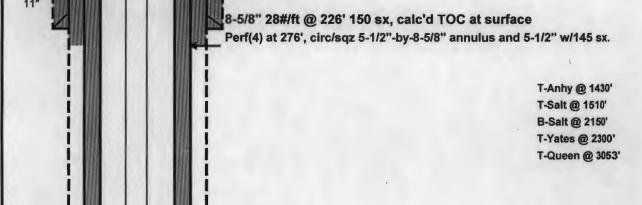
Location: 1980' FNL & 660' FEL, Sec 35H, T13S, R31E

KB = 4415' GL = 4405'

SPUD: 4/55 COMP: 4/55 **CURRENT STATUS: Active WIW** 

API = 30-005-00926

Original Well Name: Texas Pacific Coal and Oil Co. N.M. State "I" A/C 1 #6



2-3/8" 4.7# J-55 8rd EUE TDC IPC Seal Lube Injection Tubing

7-7/8" 4", 11#, L-80, TDC 2540'-surf w/115sx, circ'd 21 sx 4", 11#, L-80, UFJ 3049'-2540' w/100sx, TOL sqz'd (2x) w/250 sx total TOC @ 2740' (CBL 3/08)

> Ni-plt'd AS-1X packer at 3021' 4", 11#, L-80, UFJ/TDC at 3049' w/465 sx total--circ. 5-1/2" 14# @ 3051' w/100 sx Top of Queen @ 3053':

Queen Open Hole: 3053' - 3069' (4-55)

PBTD - 3069' TD - 3069'

5" at 3069'

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RAN  WELLBORE SCHEMATIC    WELL CONSTRUCTION DATA	LOCATION:1980' FNL & 660' FEL	н	35	13S	
Hole Size:11" Casing Size:8 - 5/8"   Cemented with:150 sx.	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE
Cemented with:150	WELLBORE SCHEMATIC				<u>4</u>
Top of Cement:Surface Method Determined:Calc		Hole Size:11"		Casing Size:8	. 5/8"
Intermediate Casing		Cemented with:	_150sx.	or	
Hole Size: Casing Size:  Cemented with: sx. or  Top of Cement: Method Determined:  Production Casing  Hole Size: 5" Casing Size:4"  Cemented with: 465 sx. or		Top of Cement:Su	rface	Method Determined	l:Calc
Cemented with:			Intermediat	te Casing	
Top of Cement: Method Determined:  Production Casing  Hole Size:5" Casing Size:4"  Cemented with:465 sx. or		Hole Size:		Casing Size:	
Production Casing           Hole Size:5" Casing Size:4"		Cemented with:	sx.	or	
Hole Size:5" Casing Size: _4"  Cemented with:465sx. or		Top of Cement:		Method Determined	1:
Cemented with: 465 sx. or			Production	n Casing	
		Hole Size:5"		Casing Size:4"	
Top of Cement:Surface Method Determined:Circ		Cemented with:	465 sx.	or	
		Top of Cement:Su	rface	Method Determined	l:Circ
Total Depth:3069'		Total Depth:3	069'		
Injection Interval			Injection	Interval	
3049' feet to 3069'(Openhole)		3049'			ole)

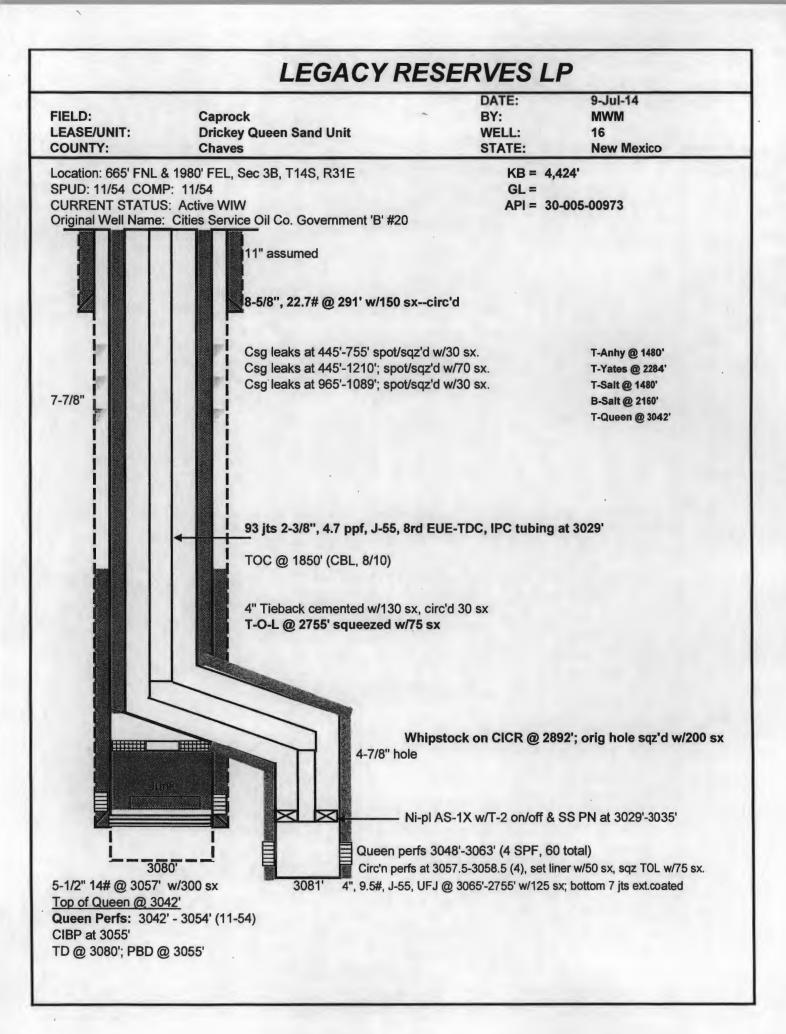
oing S	Size:2 - 3/8"Lining Material:Plastic
Ty	pe of Packer:AS-1X
Pac	eker Setting Depth:3021'
Otł	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection?YesXNo
	If no, for what purpose was the well originally drilled?Producer
2.	Name of the Injection Formation:Queen
3.	Name of Field or Pool (if applicable):Caprock
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) usedNone
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None

### LEGACY RESERVES LP DATE: 9-Jul-14 FIELD: Caprock BY: MWM LEASE/UNIT: **Drickey Queen Sand Unit** WELL: COUNTY: Chaves STATE: **New Mexico** Location: 660' FSL & 1980' FWL, Sec 34N, T13S, R31E KB = 4428' SPUD: 1/55 COMP: 1/55 GL = CURRENT STATUS: Active WIW API = 30-005-00900Original Well Name: Cities Service Oil Co. Government "C" #1 11" assumed 8-5/8" 22.7#/ft @ 289' w/150 sx, circ'd 17-7/8" assumed T-Anhy @ 1440' T-Salt @ 1505' T-Yates @ 2340' T-Queen @ 3043' Csg leaks(721'-745'), perfs at 760', sqz'd w/250 sx Caic TOC @ 1694' w/yld = 1.26 ft3/sk; enlargement = 15% Logged TOC above standing fluid level at 2000' (2/11 CBL) Tieback w/64 jts 4", 11#, L-80, 8rd w/TDC w/115 sx, circ'd 12 sx T-O-L at 2558', sqz'd w/400 sx. Ni-plt'd AS-1X packer at 2990'-2996' -1/2" 14# @ 3033' w/300 sx Top of Queen @ 3043': Queen perfs at 3045'-3060'. 4" at 3068'-2558' w/100 sx Junk AD-1 pkr at 3060'

PBTD - 3068' TD - 3076'

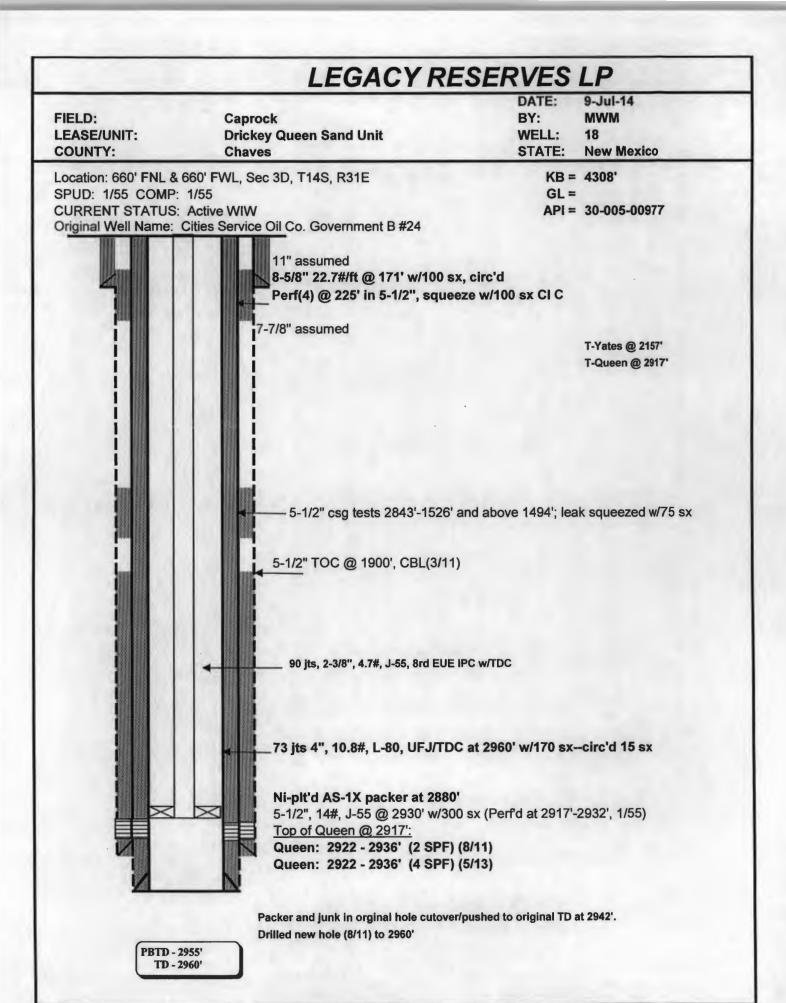
PERATOR:Legacy Reserves LP				
ELL NAME & NUMBER: Drickey Queen Sand Unit	#9			
ELL LOCATION:660' FSL & 1980' FWL FOOTAGE LOCATION			13S TOWNSHIP	
WELLBORE SCHEMATIC		WELL Consumation	ONSTRUCTION DAT Casing	<u>'A</u>
	Hole Size:11"_		Casing Size:8	- 5/8"
	Cemented with:	150sx.	or	f
	Top of Cement:	Surface	Method Determined	l:Circ
		Intermedia	te Casing	
	Hole Size:		Casing Size:	
	Cemented with:	sx	or	fl
	Top of Cement:		Method Determined	l:
		Production	n Casing	1
	Hole Size:5"		Casing Size:4"	
	Cemented with:	615sx.	or	ft
	Top of Cement:	Surface	Method Determined	l:Circ
	Total Depth:	3076'		
		Injection	Interval	
	3045'	fee	t to3060'(Perfora	ted)
		(Perforated or Open I-	Hole; indicate which)	

)th	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection? Yes X No
	If no, for what purpose was the well originally drilled?Producer
2.	Name of the Injection Formation:Queen
3.	Name of Field or Pool (if applicable):Caprock
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) usedNone
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None



ELL NAME & NUMBER: Drickey Queen Sand Unit	#10		0	
ELL LOCATION:665' FNL & 1980' FEL	B UNIT LETTER	3 SECTION	14S TOWNSHIP	
FOOTAGE LOCATION	UNII LEITER	SECTION	TOWNSHIP	KANGE
WELLBORE SCHEMATIC		WELL CO Surface O	ONSTRUCTION DAT Casing	<u>'A</u>
	Hole Size:11"_		Casing Size:8	- 5/8"
	Cemented with:	150 sx.	or	ft
	Top of Cement:	Surface	Method Determined	d:Circ
		Intermediat	e Casing	
	Cemented with:	sx.	or	ft
	Top of Cement:	and the second s	Method Determined	d:
		Production	1 Casing	
	Hole Size:4-7/8	,	Casing Size:4"	
	Cemented with:	255sx.	or	ft ft
	Top of Cement:	Surface	Method Determined	d:Circ
	Total Depth:	3081'		
		Injection 1	Interval	
	3048'	feet	t to 3063'(Perfora	ited)

ac	ker Setting Depth:3029'
th	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
	Is this a new well drilled for injection?YesXNo
	If no, for what purpose was the well originally drilled?Producer
	Name of the Injection Formation:Queen
	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None
	Injection Zone in this died.



PERATOR:Legacy Reserves LP				
ELL NAME & NUMBER: Drickey Queen Sand Unit	#18			
ELL LOCATION:660' FNL & 660' FWLFOOTAGE LOCATION		3 SECTION		
WELLBORE SCHEMATIC		WELL Consumation	ONSTRUCTION DAT Casing	<u>ra</u>
	Hole Size:11"_		Casing Size:8	- 5/8"
	Cemented with:	100 sx.	or	ft <sup>3</sup>
	Top of Cement:	Surface	Method Determine	d:Circ
		Intermedia	te Casing	
	Hole Size:		Casing Size:	
	Cemented with:	sx	. or	ft
	Top of Cement:		Method Determine	d:
		Productio	n Casing	
	Hole Size:5"		Casing Size:4"_	
	Cemented with:	170sx.	or	ft
	Top of Cement:	Surface	Method Determine	d:Circ
	Total Depth:	_2960'		
		Injection	Interval	
	2922'	fee	et to2936'(Perfora	ated)
		(Perforated or Open I	Hole; indicate which)	

	cker Setting Depth:2880'
Oth	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection? Yes X_No
	If no, for what purpose was the well originally drilled?Producer
2.	Name of the Injection Formation:Queen
3.	Name of Field or Pool (if applicable):Caprock
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) usedNone
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None

### LEGACY RESERVES LP

FIELD:

Caprock

DATE:

9-Jul-14

LEASE/UNIT:

**Drickey Queen Sand Unit** 

BY: WELL: MWM

COUNTY:

Chaves

STATE: **New Mexico** 

Location: 660' FSL & 1980' FWL, Sec 3N, T14S, R31E

KB = 4,436'

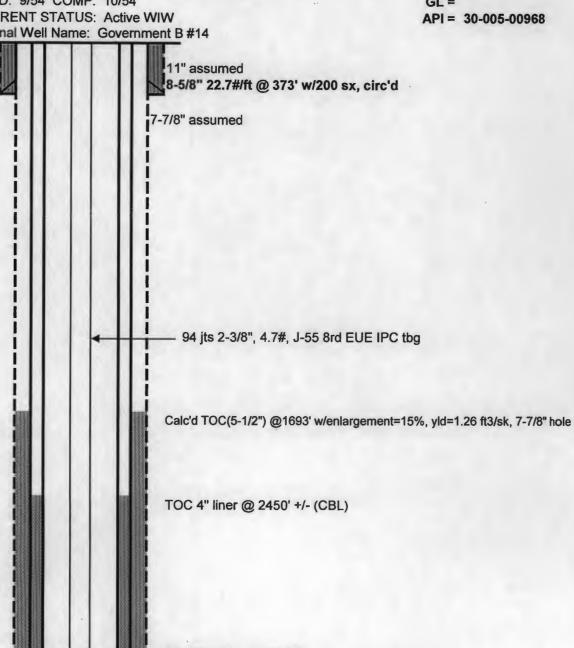
SPUD: 9/54 COMP: 10/54

GL =

CURRENT STATUS: Active WIW

API = 30-005-00968

Original Well Name: Government B #14



AS-1X packer at 2976' 4" 9.5# UFJ, 3005' to surface w/total 1050 sx 5 1/2" 14# @ 3033' w/300 sx

Top of Queen @ 3044':

Queen Open Hole: 3044' - 3064' (10-54) Queen Open Hole: 3044' - 3090' (10-08)

PBTD - 3090' TD - 3090'

LL LOCATION:660' FSL & 1980' FWL	N	3	14S	31E
FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE
WELLBORE SCHEMATIC		WELL Co Surface	ONSTRUCTION DAT Casing	<u>'A</u>
	Hole Size:11"		Casing Size:8 - 5/8"	
	Cemented with:	200 sx.	or	f
	Top of Cement:	Surface	Method Determined	l:Circ
		Intermedia	te Casing	
	Hole Size:		Casing Size:	
	Cemented with:	sx	. or	f
	Top of Cement:		Method Determined	l:
		Production	n Casing	
	Hole Size:5"		Casing Size:4"	
	Cemented with:	1050sx	. or	f
,	Top of Cement:	2450'	Method Determined	d:CBL
	Total Depth:	3090'		
		<u>Injection</u>	Interval	
	3005'	fee	t to3090'(Openho	ole)

bing S	Size:2 - 3/8" Lining Material:Plastic
Тур	pe of Packer:AS-1X
Pac	cker Setting Depth:2976'
Oth	her Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection?YesXNo
	If no, for what purpose was the well originally drilled?Producer
2.	Name of the Injection Formation:Queen
3.	Name of Field or Pool (if applicable):Caprock
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) usedNone
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None_



FIELD:

Caprock

LEASE/UNIT: COUNTY:

**Drickey Queen Sand Unit** 

Chaves

DATE:

3-Nov-14

BY:

MWM

WELL: 144

**New Mexico** STATE:

Location: 1300' FNL & 1340' FEL, Sec 35B, T13S, R31E

SPUD: 10/94 COMP: 10/94

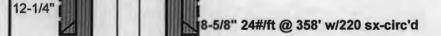
**CURRENT STATUS: Active Producer** 

Original Well Name: Drickey Queen Sand Unit #144

KB = 4305'

GL = 4299'

API = 30-005-21132



T-Anhy @ 1410' T-Salt @ 1500' B-Salt @ 2140' T-Yates @ 2306' T-7 Rvrs @ 2416' T-Queen @ 3044'

2-3/8", 4.7#, J-55, 8rd EUE IPC Injection Tubing

7-7/8"

Ni-plt'd AS-1X packer at 3000'

Queen: 3026' - 3032', 3036' - 3040', 3042' - 3056' (10-94)

5-1/2" 15.5# @ 3177' w/625 sx, calc'd TOC at surface

PBTD - 3150' TD - 3221'

#### de 1

LOCATION:1300' FNL & 1340' FEL	В		13S	
FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE
WELLBORE SCHEMATIC	WELL CONSTRUCTION DATA Surface Casing			
	Hole Size:12-1/-	4"	Casing Size:8 -	5/8"
	Cemented with:	sx.	or	f
	Top of Cement:S	urface	Method Determined	:Circ
		Intermediat	te Casing	
	Hole Size:		Casing Size:	
	Cemented with:	sx.	or	f
	Top of Cement:		Method Determined	l:
		Production	n Casing	
	Hole Size: 7-7/8"		Casing Size:5-1/2	2"
			or	
			Method Determined	
	Total Depth:	3221'		
		Injection	Interval	
	3026'	fee	t to 3056'(Perfora	ted)

her Type of Tubing/Casing Seal (if applicable):
Additional Data
Is this a new well drilled for injection? YesYesXNo
If no, for what purpose was the well originally drilled?Producer
Name of the Injection Formation:Queen
Name of Field or Pool (if applicable):Caprock
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) usedNone
Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None

## LEGACY RESERVES LP

FIELD:

Caprock

LEASE/UNIT: COUNTY:

**Drickey Queen Sand Unit** 

Chaves

DATE:

3-Nov-14 BY: MWM

WELL: 301

**New Mexico** STATE:

Location: 2280' FNL & 2005' FWL, Sec 35F, T13S, R31E

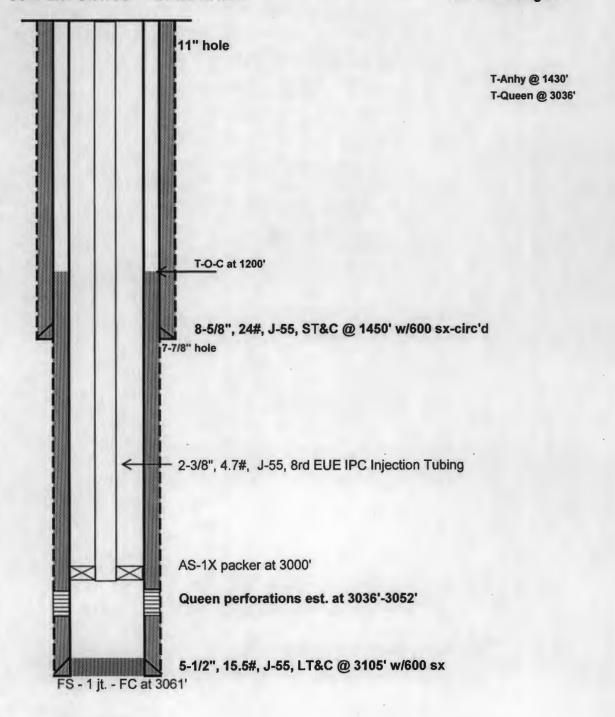
SPUD: Pending COMP: Pending

CURRENT STATUS: Planned WAGIW

KB =

GL =

API = Unassigned



PBTD - 3061' TD - 3105'

ELL LOCATION:2280' FNL & 2005' FWL	F		13S	
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE
WELLBORE SCHEMATIC		WELL Co	ONSTRUCTION DAT Casing	<u>'A</u>
	Hole Size:11"		Casing Size:8	5/8"
	Cemented with:	600sx.	or	ft
	Top of Cement:S	urface	Method Determined	l:Circ
		Intermediat	e Casing	
	Hole Size:		Casing Size:	
	Cemented with:	SX.	or	ft
	Top of Cement:		Method Determined	l:
		Production	Casing	
	Hole Size:7-7/8"		Casing Size:5-1/2	?"
	Cemented with:	600sx.	or	n
	Top of Cement:1	200'	Method Determined	l:Calc
,	Total Depth:3	105'		
		Injection	Interval	
	3036*	feet	to 3052'(Perfora	ted)

Pac	ker Setting Depth:3000'
Oth	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection?XYesNo
	If no, for what purpose was the well originally drilled?
2.	Name of the Injection Formation:Queen
3.	Name of Field or Pool (if applicable):Caprock
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) usedNone
	Give the name and depths of any oil or gas zones underlying or overlying the proposed

## LEGACY RESERVES LP

FIELD:

Caprock

LEASE/UNIT: COUNTY: **Drickey Queen Sand Unit** 

Chaves

DATE:

3-Nov-14

BY:

MWM 302

WELL:

STATE: New Mexico

Location: 2280' FSL & 750' FWL, Sec 35L, T13S, R31E

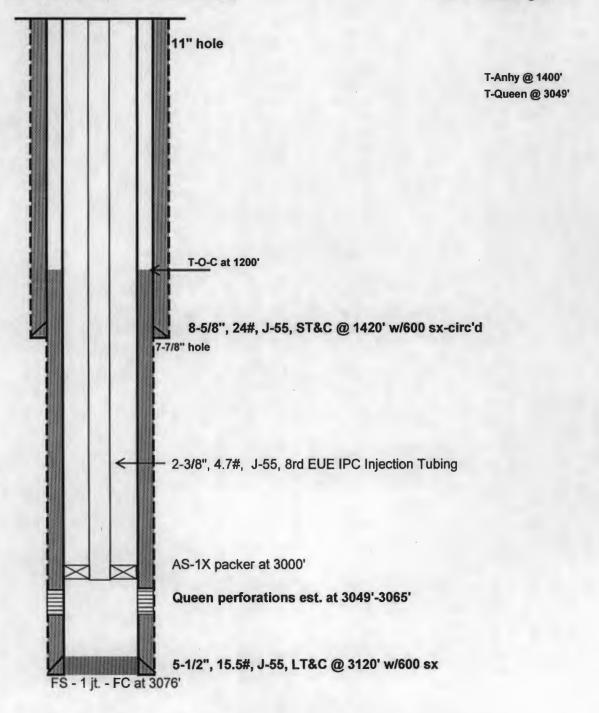
SPUD: Pending COMP: Pending

CURRENT STATUS: Planned WAGIW

KB =

GL =

API = Unassigned



PBTD - 3076' TD - 3120'

NI I OCATIONI 0000 EGI 9. 750 EWA	•	35	120	2172
FOOTAGE LOCATION:2280' FSL & 750' FWL	L UNIT LETTER			
WELLBORE SCHEMATIC		WELL CO	ONSTRUCTION DAT Casing	<u>'A</u>
	Hole Size:11"_		Casing Size:8	- 5/8"
	Cemented with:	600sx.	or	ft <sup>3</sup>
	Top of Cement:	Surface	Method Determined	l:Circ
		Intermediat	te Casing	
	Hole Size:		Casing Size:	
	Cemented with:	SX.	or	ft
	Top of Cement:		Method Determined	d:
		Production	n Casing	
	Hole Size:7-7/8"	•	Casing Size:5-1/2	2"
	Cemented with:	600sx.	or	ft
	Top of Cement:	200'	Method Determined	d:Catc
	Total Depth:	3120'		
		Injection	Interval	
	3049'	£	t to 3065'(Perfora	(hote

er Setting Depth:3000'
Type of Tubing/Casing Seal (if applicable):
Additional Data
s this a new well drilled for injection?XYesNo
f no, for what purpose was the well originally drilled?
Name of the Injection Formation: Queen
Name of Field or Pool (if applicable):Caprock
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) usedNone
Give the name and depths of any oil or gas zones underlying or overlying the proposed njection zone in this area: None_

### LEGACY RESERVES LP

FIELD:

Caprock

LEASE/UNIT:

**Drickey Queen Sand Unit** 

COUNTY: Chaves

DATE: BY:

STATE:

3-Nov-14 MWM

WELL: 304

New Mexico

Location: 2279' FSL & 1905' FEL, Sec 35J, T13S, R31E

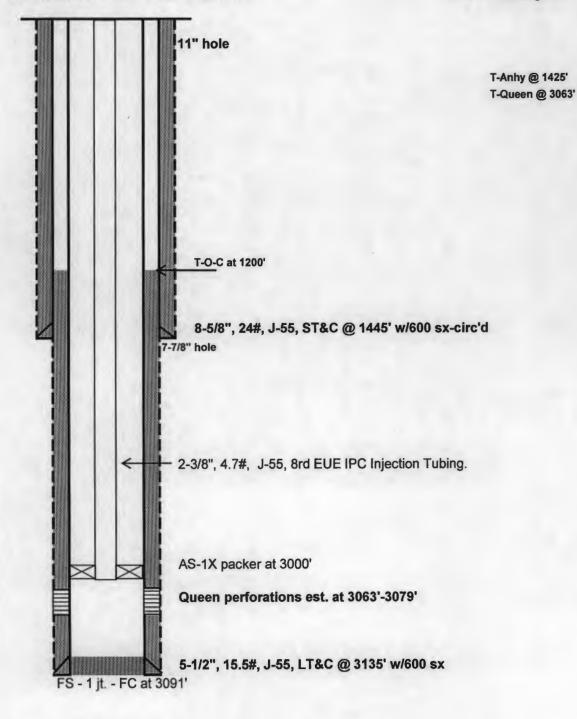
SPUD: Pending COMP: Pending

CURRENT STATUS: Planned WAGIW

KB =

GL =

API = Unassigned



PBTD - 3091' TD - 3135'

ELL LOCATION:2279' FSL & 1905' FEI	J	35	13S	31E
FOOTAGE LOCATIO	UNIT LETTER		TOWNSHIP	
WELLBORE SCHEMATIC		WELL CO Surface C	ONSTRUCTION DATA Casing	<u>4</u>
	Hole Size:11"		Casing Size:8 -	5/8"
	Cemented with:	600sx.	or	ft
	Top of Cement:Su	urface	Method Determined	:Circ
		Intermediate	e Casing	
	Hole Size:		Casing Size:	
	Cemented with:	SX.	or	ft
	Top of Cement:		Method Determined	•
		Production	Casing	
	Hole Size:7-7/8"_	=	Casing Size:5-1/2	"
	Cemented with:	600sx.	or	fl
	Top of Cement:12	200'	Method Determined	:Calc
	Total Depth:3	135'		
		Injection I	nterval	

ac	eker Setting Depth:3000'
th	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
	Is this a new well drilled for injection?XNo
	If no, for what purpose was the well originally drilled?
	Name of the Injection Formation:Queen
	Name of Field or Pool (if applicable):Caprock
	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) usedNone
	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None

FIELD: LEASE/UNIT:

COUNTY:

Caprock

Drickey Oue

**Drickey Queen Sand Unit Chaves** 

DATE: BY: 3-Nov-14

WELL:

MWM 307

-

STATE:

**New Mexico** 

Location: 960' FSL & 1980' FWL, Sec 35N, T13S, R31E

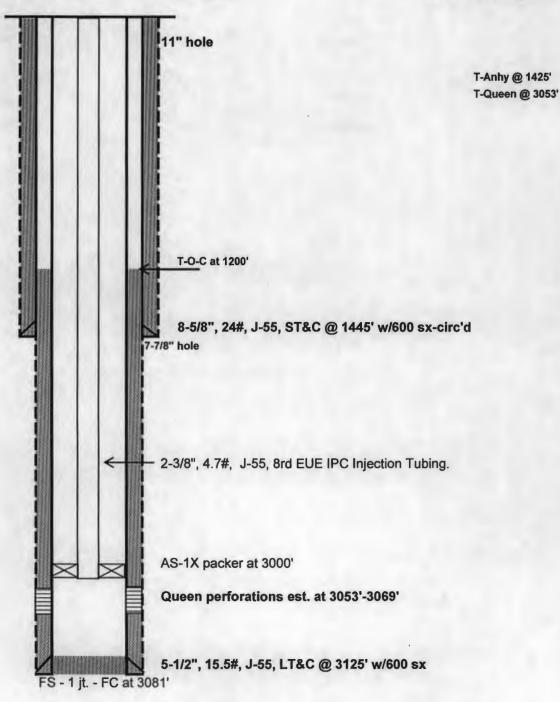
SPUD: Pending COMP: Pending

**CURRENT STATUS: Planned WAGIW** 

KB =

GL =

API = Unassigned



PBTD - 3081' TD - 3125'

I LOCATION.	_960' FSL & 1980' FWL	N	35	138	31F
L LOCATION: _	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	
WELL	BORE SCHEMATIC		WELL CO	ONSTRUCTION DATE Casing	<u>4</u>
		Hole Size:11"		Casing Size:8 -	5/8"
		Cemented with:	600sx.	or	f
		Top of Cement:Sur	face	Method Determined	:Circ
			Intermediat	te Casing	
		Hole Size:		Casing Size:	
		Cemented with:	sx.	. or	f
		Top of Cement:		Method Determined	•
			Production	n Casing	
		Hole Size:7-7/8"		Casing Size:5-1/2	,,,,
		Cemented with:	600sx.	or	f
		Top of Cement:120	00'	Method Determined	:Calc
		Total Depth:31	25'		
			Injection	Interval	
		3053'	fee	t to3069'(Perfora	ted)

	eker Setting Depth:3000'
ıı	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
	Is this a new well drilled for injection?XYesNo
	If no, for what purpose was the well originally drilled?
	Name of the Injection Formation:Queen
	Name of Field or Pool (if applicable):Caprock
	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) usedNone
	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None_

FIELD: LEASE/UNIT: Caprock

DATE: BY:

3-Nov-14 **MWM** 

310

COUNTY:

**Drickey Queen Sand Unit** Chaves

WELL: STATE:

**New Mexico** 

Location: 1680' FSL & 1980' FEL, Sec 34J, T13S, R31E

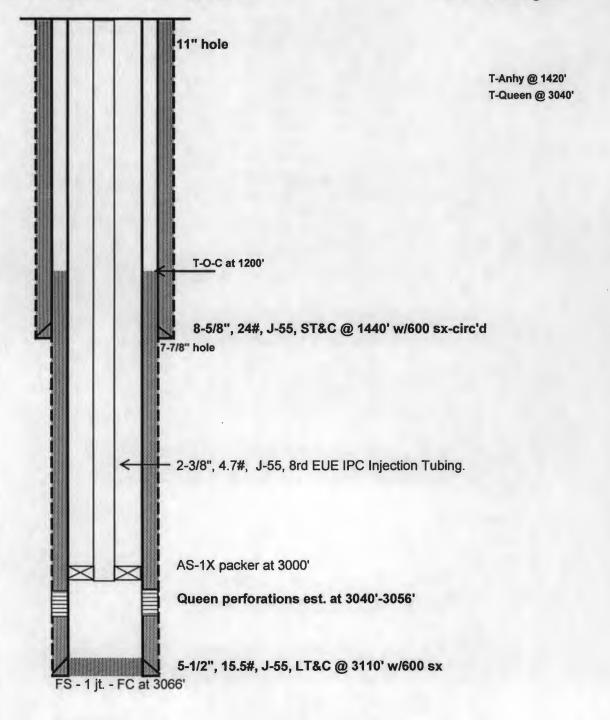
SPUD: Pending COMP: Pending

CURRENT STATUS: Planned WAGIW

KB =

GL =

API = Unassigned



PBTD - 3066' TD - 3110'

#### e 1

LOCATION:1680' FSL & 1980' FEL	UNIT LETTER		13S TOWNSHIP	
<u>WELLBORE SCHEMATIC</u>		Surface (	ONSTRUCTION DAT Casing	<u>A</u>
	Hole Size:11"_		Casing Size:8	- 5/8"
	Cemented with:	600 sx.	or	n
	Top of Cement:S	Surface	Method Determined	l:Circ
		Intermediat	te Casing	
	Hole Size:	-	Casing Size:	
	Cemented with:	SX.	or	fl
	Top of Cement:		Method Determined	l:
		Production	n Casing	
	Hole Size:7-7/8"	,	Casing Size:5-1/2	2"
	Cemented with:	600sx.	or	f
	Top of Cement:1	1200'	Method Determined	d:Calc
	Total Depth:	3110'		
		Injection	Interval	
	3040°	fee	t to3056'(Perfora	ited)

	eker Setting Depth:3000'
Oth	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection?XYesNo
	If no, for what purpose was the well originally drilled?
2.	Name of the Injection Formation:Queen
3.	Name of Field or Pool (if applicable):Caprock
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) usedNone
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None

FIELD: LEASE/UNIT: Caprock

Drickey Queen Sand Unit

COUNTY: CI

Chaves

DATE: 3-Nov-14

BY:

WELL: 312

STATE: New Mexico

**MWM** 

Location: 960' FSL & 660' FEL, Sec 34P, T13S, R31E

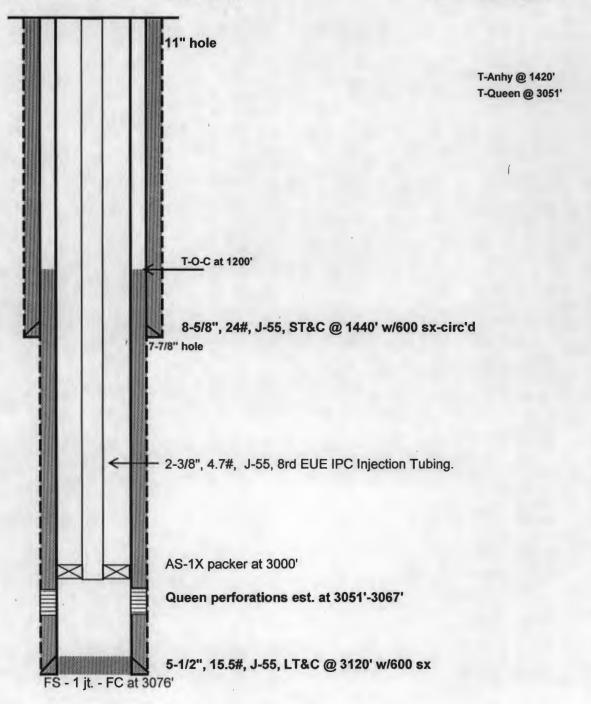
SPUD: Pending COMP: Pending

CURRENT STATUS: Planned WAGIW

KB =

GL =

API = Unassigned



PBTD - 3076' TD - 3120'

LOCATION:960' FSL & 660' FEL	P	34	13S			
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE		
WELLBORE SCHEMATIC		WELL CONSTRUCTION DATA Surface Casing				
	Hole Size:11'	,	Casing Size: 8	- 5/8"		
	Cemented with:	600sx.	or	f		
	Top of Cement:	Surface	Method Determined	l:Circ		
		Intermedia	te Casing			
	Hole Size:		Casing Size:			
	Cemented with:	sx	. or	fi		
	Top of Cement:		Method Determined	l:		
		Production	n Casing			
	Hole Size:7-7/	8"	Casing Size:5-1/2	2"		
	Cemented with:	600 sx.	or	f		
	Top of Cement:	_1200'	Method Determined	d:Calc		
	Total Depth:	_3120'				
		Injection	Interval			
	3051'	fee	t to 3067'(Perfora	ted		

th	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
	Is this a new well drilled for injection?XYesNo
	If no, for what purpose was the well originally drilled?
	Name of the Injection Formation:Queen
	Name of Field or Pool (if applicable):Caprock
	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) usedNone
	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None

FIELD:

Caprock

DATE: BY:

3-Nov-14 MWM

LEASE/UNIT:

**Drickey Queen Sand Unit** 

WELL: 314

COUNTY:

Chaves

STATE:

**New Mexico** 

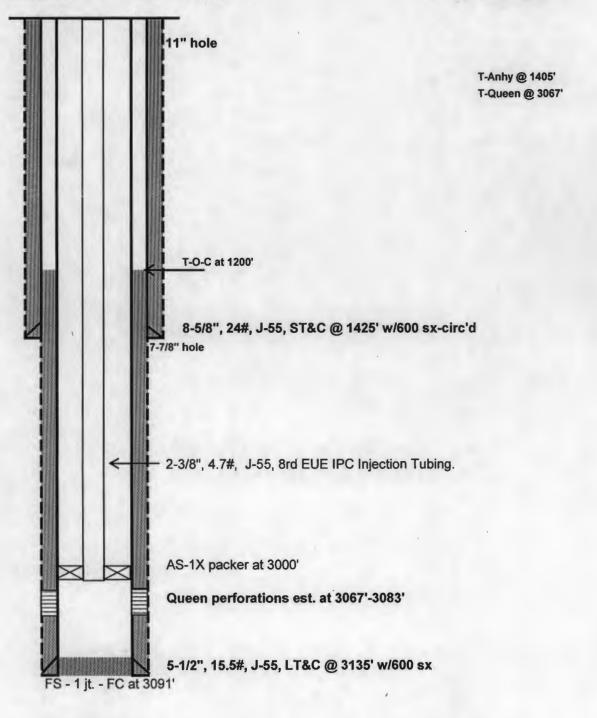
Location: 335' FNL & 660' FWL, Sec 2D, T14S, R31E

SPUD: Pending COMP: Pending

KB = GL =

CURRENT STATUS: Planned WAGIW

API = Unassigned



PBTD - 3091'

TD - 3135'

LL LOCATION:335' FNL & 660' FWL FOOTAGE LOCATION	D UNIT LETTER	2 SECTION	TOWNSHIP	31E RANGE
	ONIT BETTER		ONSTRUCTION DAT	
WELLBORE SCHEMATIC		Surface		<u>a</u>
	Hole Size:11"		Casing Size:8	- 5/8"
	Cemented with:	600sx.	or	ft
	Top of Cement:S	urface	Method Determined	l:Circ
		Intermedia	te Casing	
	Hole Size:		Casing Size:	
	Cemented with:	sx	. or	ft
	Top of Cement:		Method Determined	l:
		Production	n Casing	
	Hole Size:7-7/8"		Casing Size:5-1/2	2"
	Cemented with:	600sx.	or	ft.
	Top of Cement:1	200'	Method Determine	d:Calc
	Total Depth:	3135'		
		Injection	Interval	
	3067'	fee	t to 3083'(Perfore	ited)

Pac	eker Setting Depth:3000'
Oth	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection?XYesNo
	If no, for what purpose was the well originally drilled?
2.	Name of the Injection Formation:Queen
3.	Name of Field or Pool (if applicable):Caprock
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) usedNone
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None

FIELD:

Caprock

DATE: BY: 3-Nov-14 MWM

LEASE/UNIT:

**Drickey Queen Sand Unit** 

WELL:

315

COUNTY:

Chaves

STATE:

**New Mexico** 

Location: 1740' FNL & 2230' FWL, Sec 3F, T14S, R31E

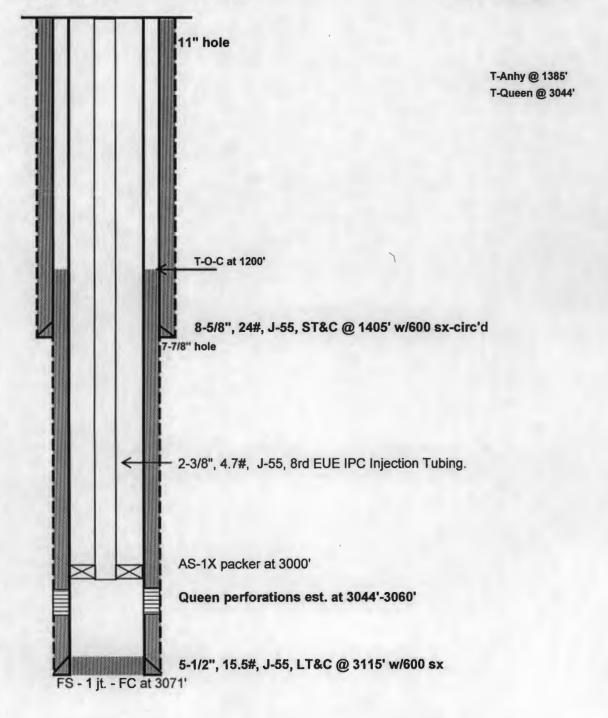
SPUD: Pending COMP: Pending

CURRENT STATUS: Planned WAGIW

KB =

GL =

API = Unassigned



PBTD - 3071' TD - 3115'

ERATOR:Legacy Reserves LP				
ELL NAME & NUMBER: Drickey Queen Sand Unit #	315			
ELL LOCATION:1740' FNL & 2230' FWL FOOTAGE LOCATION	F UNIT LETTER	3 SECTION	14S TOWNSHIP	31ERANGE
WELLBORE SCHEMATIC		WELL C Surface	ONSTRUCTION DAT Casing	<u>ra</u>
	Hole Size:11"		Casing Size:8	- 5/8"
	Cemented with:	600sx.	or	ft <sup>3</sup>
	Top of Cement:	Surface	Method Determine	d:Circ
		Intermedia	te Casing	
	Hole Size:	A properties and property of	Casing Size:	
	Cemented with:	sx	or	ft³
	Top of Cement:	-	Method Determine	d:
		Productio	n Casing	
	Hole Size:7-7/8	); <u> </u>	Casing Size:5-1/	2"
	Cemented with:	600sx.	or	$ft^3$
	Top of Cement:	_1200'	Method Determine	d:Calc
	Total Depth:	_3115'		
		Injection	Interval	
	3044'	fee	et to3060'(Perfora	ated)
		(Perforated or Open I	Hole; indicate which)	

1 y	pe of Pac	Ker:AS-1X					_
Pac	cker Sett	ing Depth:	3000'				
Otl	her Type	of Tubing/Cas	ing Seal (if applicab	ole):			
			Ad	ditional Data			
1.	Is this	a new well drill	ed for injection?	x_	Yes	No	
	If no,	for what purpose	e was the well origin	nally drilled?			
2.	Name	of the Injection	Formation:Que	een			
3.	Name	of Field or Pool	(if applicable):	Caprock			
4.			n perforated in any ogging detail, i.e. sac	. ,			
5.			oths of any oil or ga			- 1 -	
					•		

FIELD: LEASE/UNIT:

Caprock

**Drickey Queen Sand Unit** 

COUNTY:

Chaves

DATE:

3-Nov-14

BY:

MWM

WELL: 316

STATE: **New Mexico** 

Location: 2280' FSL & 660' FWL, Sec 3L, T14S, R31E

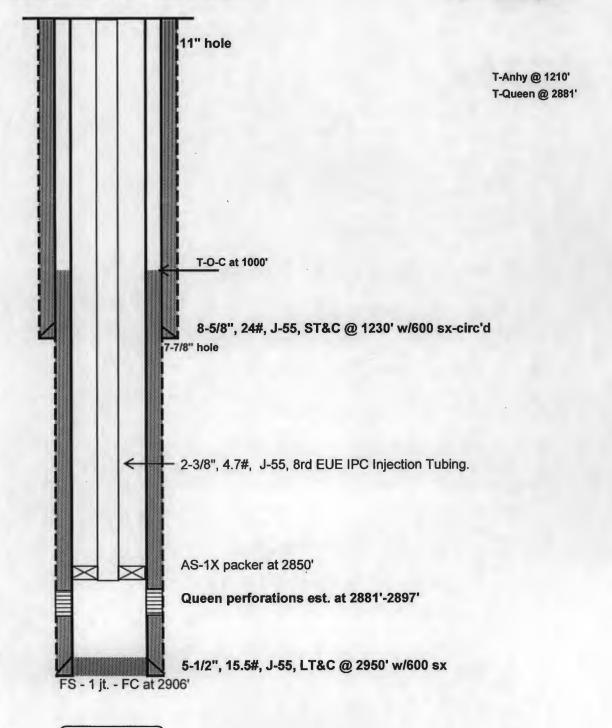
SPUD: Pending COMP: Pending

**CURRENT STATUS: Planned WAGIW** 

KB =

GL =

API = Unassigned



PBTD - 2906' TD - 2950'

ELL NAME & NUMBER: Drickey Queen Sand Unit	#316					
ELL LOCATION:2280' FSL & 660' FWL			148			
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE		
WELLBORE SCHEMATIC	WELL CONSTRUCTION DATA Surface Casing					
	Hole Size:11"_		Casing Size:8	- 5/8"		
	Cemented with:	600sx.	or	ft		
	Top of Cement:	Surface	Method Determined	d:Circ		
		<u>Intermedia</u>	te Casing			
	Hole Size:		Casing Size:			
	Cemented with:	sx	. or	ft		
	Top of Cement:		Method Determined	d:		
		Production	n Casing			
	Hole Size:7-7/8	"	Casing Size:5-1/	2"		
	Cemented with:	600sx.	or	ft		
	Top of Cement:	1000'	Method Determined	d:Calc		
	Total Depth:	2950'				
		Injection	<u>Interval</u>			
	2881'	fee	t to2897'(Perfora	ated)		
		(Perforated or Open I	Iole; indicate which)			

Oth	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection?XYesNo
	If no, for what purpose was the well originally drilled?
2.	Name of the Injection Formation:Queen
3.	Name of Field or Pool (if applicable):Caprock
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) usedNone
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None_

FIELD:

Caprock

DATE: BY:

3-Nov-14 MWM

LEASE/UNIT:

**Drickey Queen Sand Unit** 

WELL:

317

COUNTY:

Chaves

STATE:

**New Mexico** 

Location: 2280' FSL & 1980' FEL, Sec 3J, T14S, R31E

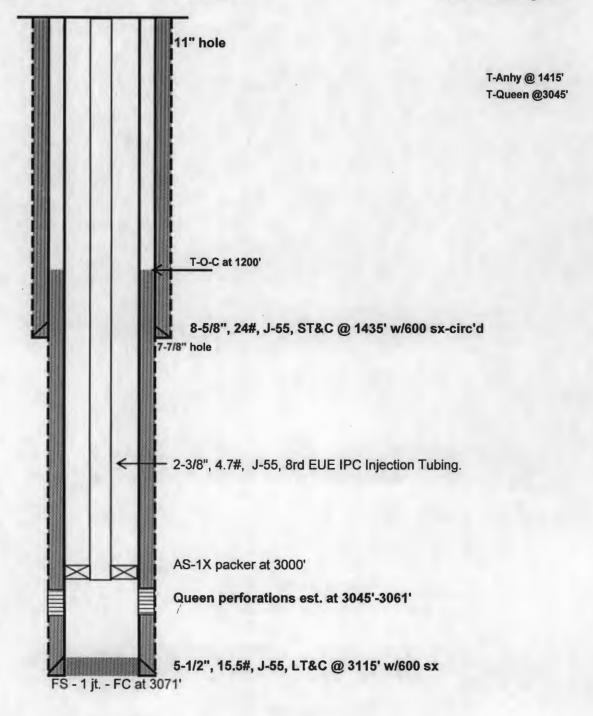
SPUD: Pending COMP: Pending

KB =

GL =

CURRENT STATUS: Planned WAGIW

API = Unassigned



PBTD - 3071' TD - 3115'

le 1

L LOCATION:2280' FSL & 1980' FEL			14S					
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE				
WELLBORE SCHEMATIC		WELL CO Surface O	ONSTRUCTION DATA Casing					
	Hole Size:11"		Casing Size:8 - 5/8"					
	Cemented with:60	Cemented with:sx.						
	Top of Cement:Surface	ce	Method Determined	:Circ				
		Intermediat	e Casing					
	Hole Size:		Casing Size:					
	Cemented with:	sx.	or					
•	Top of Cement:	-	Method Determined:					
		Production	Casing					
	Hole Size:7-7/8"		Casing Size:5-1/2	"				
	Cemented with:	600sx.	or					
	Top of Cement:1200'	,	Method Determined	:Calc				
	Total Depth:3115	;•						
		Injection 1	<u>Interval</u>					

	eker Setting Depth:3000' her Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection? X_YesNo
	If no, for what purpose was the well originally drilled?
2. 3.	Name of the Injection Formation:Queen
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) usedNone
	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None

FIELD:

Caprock

DATE: BY:

3-Nov-14 MWM

LEASE/UNIT:

**Drickey Queen Sand Unit** 

WELL:

319

COUNTY:

Chaves

STATE:

**New Mexico** 

Location: 960' FSL & 660' FEL, Sec 3P, T14S, R31E

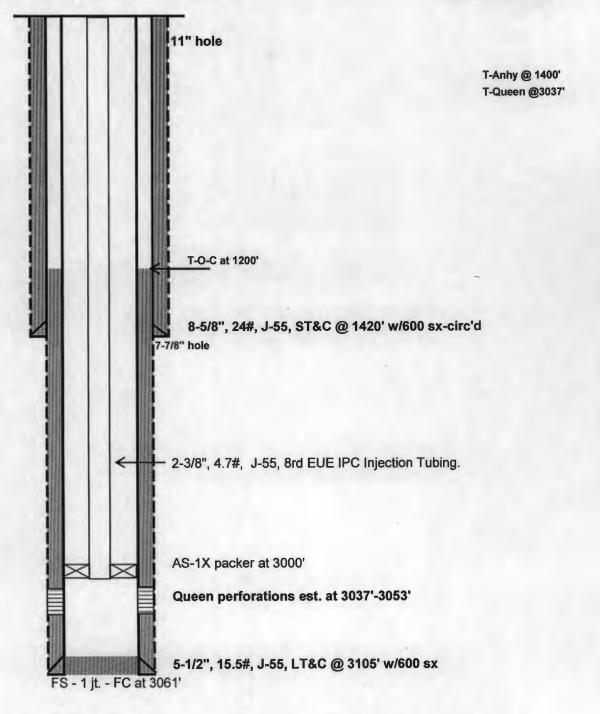
SPUD: Pending COMP: Pending

KB =

GL =

CURRENT STATUS: Planned WAGIW

API = Unassigned



PBTD - 3061'

TD - 3105'

L LOCATION:960' FSL & 660' FEL	P	3	14S	31E
FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE
WELLBORE SCHEMATIC			CONSTRUCTION DAY Casing	<u>TA</u>
	Hole Size:11"		Casing Size:8	- 5/8"
	Cemented with:	600sx.	or	ft
	Top of Cement:	Surface	Method Determine	ed:Circ
		Intermedia	ate Casing	
	Hole Size:		Casing Size:	
	Cemented with:	S	x. or	ft <sup>2</sup>
	Top of Cement:		Method Determine	ed:
		Production	on Casing	
	Hole Size:7-7/8	3"	Casing Size:5-1/	/2"
	Cemented with:	600sx.	. or	ft.
	Top of Cement:	_1200'	Method Determine	ed:Calc
	Total Depth:	_3105'		
		Injection	Interval	
	3037'	fe	et to 3053'(Perfor	ated)

Otl	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection?XYesNo
	If no, for what purpose was the well originally drilled?
2.	Name of the Injection Formation:Queen
3.	Name of Field or Pool (if applicable):Caprock
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) usedNone
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: None

FIELD:

Caprock

LEASE/UNIT:

**Drickey Queen Sand Unit** 

COUNTY: Chave

DATE:

9-Jul-14

BY:

MWM

WELL: 502

STATE: New Mexico

Location: 1990' FNL & 660' FEL, Sec 3H, T14S, R31E

SPUD: 10/54 COMP: 10/54

CURRENT STATUS: P&A Injector (10-70)

Original Well Name: Government B #13

KB = 4415'

GL =

API = 30-005-00967

11" assumed

8-5/8" 22.7#/ft @ 371' w/200 sx, circ'd

7-7/8" assumed

T-Anhy @ 1400' est T-Salt @1545' est

B-Salt @ T-Yates @ T-Queen @ 3053'

Planned re-entry as WAGIW Rename as DQSU #502

2-3/8", 4.7#, J-55, 8rd EUE IPC Injection Tubing

Calc'd TOC @ 1702' w/enlargement = 15%, yld = 1.26 ft3/sk

Ni-plt'd AS-1X packer at 3000' 5-1/2" 14# @ 3042' w/300 sx

Top of Queen @ 3053': Queen: 3053' - 3073' (10-54)

PBTD - 3073' TD - 3073'

L LOCATION:1990' FNL & 660' FEL	Н	3	14S	31E
FOOTAGE LOCATION		SECTION		
WELLBORE SCHEMATIC		WELL Co Surface	ONSTRUCTION DATE Casing	<u>A</u>
	Hole Size:11"		Casing Size:8 -	5/8"
	Cemented with:	sx.	or	ft
	Top of Cement:S	urface	Method Determined	:Circ
		Intermedia	te Casing	
	Hole Size:	= =	Casing Size:	
	Cemented with:	sx	. or	ft
	Top of Cement:		Method Determined	:
		Production	n Casing	
	. Hole Size:7-7/8"_	§	Casing Size:5-1/2	,,,,
	Cemented with:	300sx.	or	ft
	Top of Cement:1	702'	Method Determined	:Calc
	Total Depth:3	073'		
		Injection	Interval	
	3042'	fee	t to3073'(Openho	ole)

	her Type of Tubing/Casing Seal (if applicable):
	Additional Data
. •	Is this a new well drilled for injection? YesXNo
	If no, for what purpose was the well originally drilled?Producer
2.	Name of the Injection Formation:Queen
3.	Name of Field or Pool (if applicable):Caprock
١.	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) usedNone
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None

FIELD:

Caprock

DATE: 9-Jul-14 BY: MWM

LEASE/UNIT:

**Drickey Queen Sand Unit** 

WELL: 701

COUNTY:

Chaves

STATE: **New Mexico** 

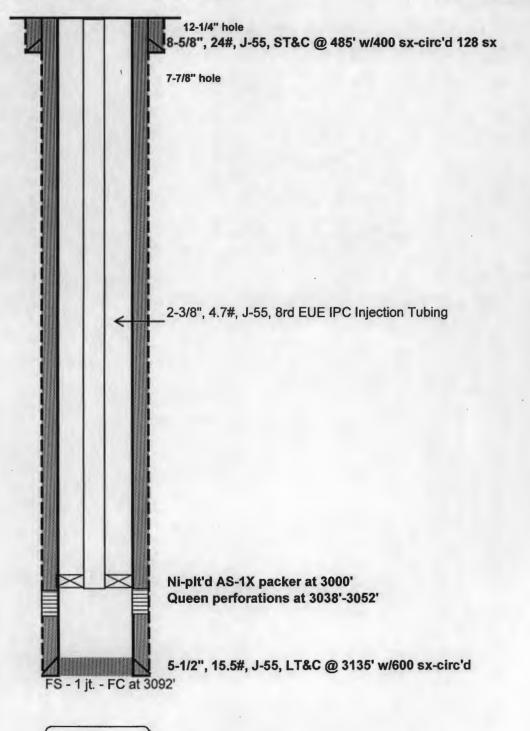
Location: 11' FSL & 1329' FWL, Sec 34N, T13S, R31E

**KB = 13' AGL** GL = 4425'

SPUD: 1/15/12 COMP: 3/14/12

**CURRENT STATUS: Active Producer** 

API = 30-005-29196



PBTD - 3092' TD - 3135'

LL LOCATION:11' FSL & 1329' FWL	N	34	138	31E
FOOTAGE LOCATION		SECTION		
WELLBORE SCHEMATIC		WELL Co Surface	ONSTRUCTION DATE	<u>4</u>
	Hole Size:12-1	/4"	Casing Size: 8 -	5/8"
	Cemented with:	400 sx.	or	f1
	Top of Cement:	Surface	Method Determined	:Circ
		Intermediat	te Casing	
	Hole Size:	•	Casing Size:	
	Cemented with:	SX	or	fl
	Top of Cement:		Method Determined	:
		Production	n Casing	
	Hole Size:7-7/8'	,	Casing Size:5-1/2	"
	Cemented with:	600sx.	or	f
	Top of Cement:	Surface	Method Determined	:Circ
	Total Depth:	3135'		
		Injection	Interval	
	3038'	feet	to3052'(Perforat	ted)

Pac	ker Setting Depth:3000'
Oth	er Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection?YesXNo
	If no, for what purpose was the well originally drilled?Producer
2.	Name of the Injection Formation:Queen
3.	Name of Field or Pool (if applicable):Caprock
1.	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) usedNone
5.	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:None

Legacy Reserves LP
Attachment to New Mexico Form C-108, Wells Within Area-of-Review, DQSU Miscible CO2 Project

						Date	Total						Well con	struction							
		Location		Well	Well	Drilled	Depth		S	urface Ca	sing				Produ	uction ca	sing/line	r		Completi	on Depth
L & W Name	API Number	Footage	UL-S-T-R	Туре	Status	(mm/yy)	(ft)	Size-wght	Depth	Hole	Sx cmt	TOC	Method	Size-wght	Depth	Hole	Sx cmt	тос	Method	Туре	Interval
Planned WAGIW		Planned Producer Redrill	or Re-entry																		
DQ5U #2	30-005-00923	660 FNL & 1980 FEL	B-35-13S-31E	WIW	Active	Apr-55	3080	8-5/8, 28	237	11	133	Surf	Circ	5-1/2, 14	3038	7-7/8	100	2622	CBL	ОН	3038-3042
						Mar-08	3080			-										ОН	3038-3080
						Nov-13	3080							4, 11	3034	4-3/4	100	Surf	Circ	ОН	3034-3080
DQSU #3	30-005-00922	1980 FNL & 660 FWL	E-35-13S-31E	Prod	Active	Mar-55	3053	8-5/8, 28	233	11	250	Surf	Circ	5-1/2, 14	3041	7-7/8	100	2422	TS	ОН	3041-3053
DQSU 35F	30-005-00921	1980 FNL & 1980 FWL	F-35-13S-31E	WIW	P&A	Mar-55	3055	13-3/8, 48&53	250	17-1/2	250	Surf	Circ	5-1/2, 14	3036	7-7/8	100	2589	Calc	ОН	3036-3055
Redrill (#301)	Unassigned	2280 FNL & 2005 FWL	F-35-13S-31E	WAGIN	TBD		3105	8-5/8, 24	1450	11	600	Surf	Circ	5-1/2, 15.5	3105	7-7/8	600	1200	Calc	Perf	3036-3052
DQSU 35-I	30-005-00916	1980 FSL & 660 FEL	I-35-13S-31E	Prod	P&A	Jun-55	3079	8-5/8, 24	274	12-1/4	115	Surf	Circ	5-1/2, 14	3059	7-7/8	125	2501	Calc	ОН	3059-3079
Redrill (#305)	Unassigned	1730 FSL & 640 FEL	1-35-135-31E	Prod	TBD		3130	9-5/8, 36	1445	12-1/4	600	Surf	Circ	7, 20	3130	8-3/4	600	1200	Calc	Perf	3061-3077
DQSU 35J	30-005-00918	1980 FSL & 1980 FEL	J-35-13S-31E	Prod	P&A	Dec-54	3083	8-5/8, 22.7	293	11	150	Surf	Circ	5-1/2, 14	3052	7-7/8	300	1712	Calc	ОН	3052-3083
Redrill (#304)	Unassigned	2279 FSL & 1905 FEL	J-35-135-31E	WAGIV	TBD		3135	8-5/8, 24	1445	11	600	Surf	Circ	5-1/2, 15.5	3135	7-7/8	600	1200	Calc	Perf	3063-3079
DQSU 35L	30-005-00920	1980 FSL & 660 FWL	L-35-13S-31E	WIW	P&A	Feb-55	3064	12-3/4, 45.5	239	16	250	Surf	Circ	7,20	3047	10 & 8	125	2432	Calc	ОН	3047-3064
Redrill (#302)	Unassigned	2280 FSL & 750 FWL	L-35-13S-31E	WAGIV	TBD		3120	8-5/8, 24	1420	11	600	Surf	Circ	5-1/2, 15.5	3120	7-7/8	600	1200	Calc	Perf	3049-3065
DQSU 35P	30-005-00915	660 FSL & 660 FEL	P-35-13S-31E	WIW	P&A	Jul-55	3085	8-5/8, 24	274	12-1/4	125	Surf	Circ	5-1/2, 14	3065	7-7/8	115	2551	Calc	ОН	3065-3085
DQSU 5	30-005-00926	1980 FNL & 660 FEL	H-35-13S-31E	WIW	Active	Apr-55	3069	8-5/8, 28	226	11	150	Surf	Circ	5-1/2, 14	3051	7-7/8	100	2740	CBL	ОН	3051-3069
						Sep-13	3069							5-1/2, perf &	squeeze	@ 276'	145	Surf	Circ		
						Sep-13	3069							4, 11	3049	4-3/4	465	Surf	Circ	ОН	3049-3069
DQSU 1	30-005-00925	660 FNL & 660 FEL	A-35-13S-31E	WIW	Active	Apr-55	3051	8-5/8, 28	229	11	150	Surf	Circ	5-1/2, 14	3042	7-7/8	100	2500	CBL	ОН	3042-3051
						Apr-08	3094													ОН	3042-3094
						Nov-10	3094							4, 11	3029	4-3/4	120	Surf	Circ	ОН	3042-3094
DQSU 144	30-005-21132	1300 FNL & 1340 FEL	B-35-13S-31E	Prod	Active	Oct-94	3221	8-5/8, 24	358	12-1/4	220	Surf	Circ	5-1/2, 15.5	3177	7-7/8	625	Surf	Calc	Perf	3026-3056
DQSU 4	30-005-00924	1980 FNL & 1980 FEL	G-35-13S-31E	WIW	Active	Apr-55	3057	8-5/8, 28	243	12-1/4	250	Surf	Circ	5-1/2, 14	3041	7-7/8	100	2745	CBL	ОН	3047-3057
						May-08	3082													Perf/OH	3043-3082
						Nov-10	3082							4, 11	3029	4-3/4	110	105	Calc	Perf/OH	3043-3082
DQSU 35K	30-005-00917	1980 FSL & 1980 FWL	K-35-13S-31E	Prod	P&A	Dec-54	3076	8-5/8, 22.7	291	11	150	Surf	Circ	5-1/2, 14	3053	7-7/8	300	1713	Calc	ОН	3053-3076
Redrill (#303)	Unassigned	2130 FSL & 1980 FWL	K-35-13S-31E	Prod	TBD		3130	9-5/8, 36	1445	12-1/4	600	Surf	Circ	7, 20	3130	8-3/4	600	1200	Calc	Perf	3058-3074
DQSU 35M	30-005-00919	660 FSL & 660 FWL	M-35-13S-31E	Prod	P&A	Dec-54	3061	8-5/8, 24	315	11	150	Surf	Circ	5-1/2, 14	3049	7-1/2	100	2602	Calc	ОН	3049-3061
Redrill (#308)	Unassigned	810 FSL & 660 FWL	M-35-13S-31E	Prod	TBD		3125	9-5/8, 36	1445	12-1/4	600	Surf	Circ	7, 20	3125	8-3/4	600	1200	Calc	Perf	3054-3070
DQSU 35N	30-005-00927	660 FSL & 1980 FWL	N-35-13S-31E	WIW	P&A	Nov-54	3060	13-3/8, 27.1	314	15	250	Surf	Calc	5-1/2, 17	3051	10 & 8	100	2604	Calc	ОН	3051-3060
Redrill (#307)	Unassigned	960 FSL & 1980 FWL	N-35-13S-31E	WAGIW	TBD		3125	8-5/8, 24	1445	11	600	Surf	Circ	5-1/2, 15.5	3125	7-7/8	600	1200	Calc	Perf	3053-3069
DQSU 35-O	30-005-00914	660 FSL & 1980 FEL	O-35-13S-31E	Prod	P&A	Jun-55	3092	8-5/8, 24	305	12-1/4	185	Surf	Circ	5-1/2, 14	3071	7-7/8	125	2512	Calc	ОН	3071-3092
Redrill (#306)	Unassigned	560 FSL & 2080 FEL	0-35-13S-31E	Prod	TBD		3140	9-5/8, 36	1445	12-1/4	600	Surf	Circ	7, 20	3140	8-3/4	600	1200	Calc	Perf	3072-3088
DQSU 34-I(904)	30-005-00913	1980 FSL & 660 FEL	I-34-13S-31E	Prod	P&A	May-55	3065	13-3/8, 40	210	17-1/2	200	Surf	Calc	5-1/2, 14	3041	7-7/8	100	2594	Calc	ОН	3041-3065

Oil Conserva	ation Division
Case No.	
Exhibit No.	

Legacy Reserves LP
Attachment to New Mexico Form C-108, Wells Within Area-of-Review, DQSU Miscible CO2 Project

						Date	Total						Well con	struction		-					
		Location		Well	Well	Drilled	Depth	Surface Casing Production casing/liner						r		Complet	tion Depth				
L & W Name	API Number	Footage	UL-S-T-R	Туре	Status	(mm/yy)	(ft)	Size-wght	Depth	Hole	Sx cmt	тос	Method	Size-wght	Depth	Hole	Sx cmt	тос	Method	Type	Interval
Planned WAGIW		Planned Producer Redrill	or Re-entry																		
Redrill (#309)	Unassigned	2130 FSL & 660 FEL	I-34-13S-31E	Prod	TBD		3115	9-5/8, 36	1430	12-1/4	600	Surf	Circ	7, 20	3115	8-3/4	600	1200	Calc	Perf	3045-3061
DQSU 34J(903)	30-005-00912	1980 FSL & 1980 FEL	J-34-13S-31E	WIW	P&A	Sep-55	3061	13-3/8, 44	200	17-1/2	225	Surf	Calc	5-1/2, 14	3038	7-7/8	100	2600+	CBL	ОН	3038-3061
Redrill (#310)	Unassigned	1680 FSL & 1980 FEL	J-34-135-31E	WAGIN	TBD		3110	8-5/8, 24	1440	11	600	Surf	Circ	5-1/2, 15.5	3110	7-7/8	600	1200	Calc	Perf	3040-3056
DQSU 6	30-005-00903	1880 FSL & 2080 FWL	K-34-13S-31E	Prod	Active	Jan-55	3096	8-5/8, 22.7	292	11	150	Surf	Calc	5-1/2, 14	3034	7-7/8	300	1695	Calc	ОН	3034-3096
DQSU 7	30-005-00902	1980 FSL 660 FWL	L-34-13S-31E	WIW	Active	Feb-55	2907	8-5/8, 22.7	173	11	125	Surf	Calc	5-1/2, 14	2887	7-7/8	300	1549	Calc	ОН	2887-2907
						May-12	2907							4, 11	2851	4-3/4	120	Surf	Circ	ОН	2887-2907
DQSU 12	30-005-00894	1980 FSL & 660 FEL	I-33-13S-31E	Prod	Active	Mar-55	2859	8-5/8, 22.7	173	11	100	Surf	Circ	5-1/2, 14	2840	7-7/8	300	1500	Calc	ОН	2840-2859
DQSU 15	30-005-00896	660 FSL & 660 FEL	P-33-13S-31E	WIW	P&A	Mar-55	2868	8-5/8, 24	166	11	125	Surf	Calc	5-1/2, 14	2839	7-7/8	300	1500	Calc	ОН	2839-2868
DQSU 8	30-005-00901	660 FSL & 660 FWL	M-34-13S-31E	WIW	Active	Jan-55	2946	8-5/8, 22.7	173	11	125	Surf	Circ	5-1/2, 14	2918	7-7/8	300	1578	Calc	OH	2918-2946
DOSU 9	30-005-00900	660 FSL 1980 FWL	N-34-135-31E	WIW	Active	Jan-55	3076	8-5/8, 22.7	289	11	150	Surf	Circ	5-1/2, 14	3033	7-7/8	300	1694	Calc	ОН	3033-3076
						Feb-11								4, 11	3068-2558	4-3/4	500	2558	Sqz	Perf	3045-3060
						Feb-14								4, 11	2558	4-3/4	115	Surf	Circ	Perf	3045-3060
DOSU 701	30-005-29196	11 FSL & 1329 FWL	N-34-13S-31E	Prod	Active	Jan-12	3135	8-5/8, 24	485	12-1/4	400	Surf	Circ	5-1/2, 15.5	3135	7-7/8	600	Surf	Circ	Perf	3038-3052
DQSU 34-O(Fed V-2)	30-005-00911	660 FSL & 1980 FEL	0-34-13S-31E	Prod	P&A	Mar-55	3059	13-3/8, 44	210	17-1/2	225	Surf	Calc	5-1/2, 14	3040	7-7/8	100	2666	Calc	ОН	3040-3059
Redrill (#311)	Unassigned	510 FSL & 1980 FEL	0-34-135-31E	Prod	TBD		3115	9-5/8, 36	1430	12-1/4	600	Surf	Circ	7, 20	3115	8-3/4	600	1200	Calc	Perf	3043-3059
DQSU 34P (901)	30-005-00910	660 FSL & 660 FEL	P-34-13S-31E	WIW	P&A	Feb-55	3068	13-3/8, 44	250	17-1/2	225	Surf	Calc	5-1/2, 14	3049	7-7/8	100	2604	Calc	ОН	3049-3068
Redrill (#312)	Unassigned	960 FSL & 660 FEL	P-34-13S-31E	WAGIV	V TBD		3120	8-5/8, 24	1440	11	600	Surf	Circ	5-1/2, 15.5	3120	7-7/8	600	1200	Calc	Perf	3051-3067
DQ5U 18	30-005-00977	660 FNL & 660 FWL	D-3-145-31E	WIW	Active	Jan-55	2942	8-5/8, 22.7	171	11	100	Surf	Circ	5-1/2, 14	2930	7-7/8	300	1900	CBL	Perf	2917-2932
						Aug-11	2960							4, 11	2960	4-3/4	170	Surf	Circ	Perf	2922-2936
DQSU 17	30-005-00971	665 FNL & 1980 FWL	C-3-14S-31E	WIW	Active	Oct-54	3066	8-5/8, 22.7	293	11	150	Surf	Circ	5-1/2, 14,15.5	3040	7-7/8	300	1810	CBL	ОН	3040-3066
						Jul-11	3087							4, 11	3087	4-3/4	175	Surf	Circ	Perf	3047-3061
DOSU 16	30-005-00973	665 FNL & 1980 FEL	B-3-145-31E	WIW	Active	Nov-54	3080	8-5/8, 22.7	291	11	150	Surf	Circ	5-1/2, 14	3057	7-7/8	300	1850	CBL	Perf	3042-3054
						Aug-10	3081							4, 9.5	3081	4-7/8	255	Surf	Circ	Perf	3048-3063
DQSU 3A	30-005-00975	665 FNL & 660 FEL	A-3-14S-31E	Prod	P&A	Nov-54	3074	8-5/8, 22.7	291	11	150	Surf	Circ	5-1/2, 14	3045	7-7/8	300	1745	Calc	ОН	3045-3074
Re-enter (#501)	30-005-00975	665 FNL & 660 FEL	A-3-145-31E	Prod	TBR		3074	8-5/8, 22.7	291	11	150	Surf	Circ	5-1/2, 14	3045	7-7/8	300	1745	Calc	OH	3045-3074
DQSU 2D	30-005-00952	665 FNL & 660 FWL	D-2-14S-31E	WIW	P&A	Jan-55	3065	8-5/8, 22.7	292	11-1/4	150	Surf	Circ	5-1/2, 14	3060	7-7/8	300	1720	Calc	OH	3060-3065
Redrill (#314)	Unassigned	335 FNL & 660 FWL	D-2-145-31E	WAGIW	TBD		3135	8-5/8, 24	1425	11	600	Surf	Circ	5-1/2, 15.5	3135	7-7/8	600	1200	Calc	Perf	3067-3083
DQSU 2C	30-005-00955	330 FNL & 1650 FWL	C-2-14S-31E	Prod	P&A	Jan-55	3065	12-3/4, 45.5	290	17-1/4	300	Surf	Circ	7, 20	·3058	11, 7-7/8	125	2505	Calc	ОН	3058-3065
Redrill (#313)	Unassigned	630 FNL & 1650 FWL	C-2-14S-31E	Prod	TBD		3130	9-5/8, 36	1430	12-1/4	600	Surf	Circ	7, 20	3130	8-3/4	600	1200	Calc	Perf	3060-3076
DQSU 2B-N	30-005-00948	330 FNL & 2310 FEL	B-2-14S-31E	Prod	P&A	Sep-56	3125	8-5/8, 32	212	11	125	Surf	Circ	5-1/2, 15.5	3125	7-7/8	125	2566	Calc	Perf	3073-3088
DQSU 2B-S	30-005-00953	660 FNL & 1980 FEL	B-2-14S-31E	wiw	P&A	Jan-55	3095	8-5/8, 32	302	11	300	Surf	Calc	5-1/2, 14	3066	7-7/8	1550	Surf	Circ	ОН	3066-3095
DQSU 2A	30-005-00958	330 FNL & 990 FEL	A-2-14S-31E	Prod	P&A	Jun-57	3128	8-5/8, 24	295	11	125	Surf	Circ	5-1/2, 14	3126	7-7/8	250	2009	Calc	Perf	3080-3086

Legacy Reserves LP
Attachment to New Mexico Form C-108, Wells Within Area-of-Review, DQSU Miscible CO2 Project

L & W Name						Date	Total	Well construction													
		Location We			Well	Drilled	Depth		Production casing/liner						Completion Dep						
	API Number	Footage	UL-S-T-R	Туре	Status	(mm/yy)	(ft)	Size-wght	Depth	Hole	Sx cmt	тос	Method	Size-wght	Depth	Hole	Sx cmt	TOC	Method	Type	Interval
Planned WAGIW		Planned Producer Redrill	or Re-entry																		
DQSU 4H	30-005-00980	1990 FNL & 660 FEL	H-4-14S-31E	WIW	P&A	Feb-55	2847	13-3/8, 44	130	17-1/2	50	30	Calc	8-5/8, 24	1160	11	145	Surf-993	Calc	BH-wher	P&A'd
														5-1/2, 14	2824	7-7/8	100	2377	Calc	ОН	2824-284
DQSU 19	30-005-00976	1990 FNL & 660 FWL	E-3-14S-31E	Prod	Active	Dec-54	2902	8-5/8, 22.7	170	11	100	Surf	Circ	5-1/2, 14	2874	7-7/8	300	2020-	CBL	ОН	2874-290
						May-11	2915							4, 11	2915	4-3/4	490	1850	CBL	Perf	2878-289
DQSU 20	30-005-00970	1990 FNL & 1980 FWL	F-3-14S-31E	WIW	P&A	Oct-54	3062	8-5/8, 22.7	363	11	200	Surf	Circ	5-1/2, 14	3037	7-7/8	300	1940	CBL	ОН	3037-306
Redrill (#315)	Unassigned	1740 FNL & 2230 FWL	F-3-145-31E	WAGIW	TBD		3115	8-5/8, 24	1405	11	600	Surf	Circ	5-1/2, 15.5	3115	7-7/8	600	1200	Calc	Perf	3044-306
DQSU 3G	30-005-00966	1990 FNL & 1980 FEL	G-3-14S-31E	Prod	P&A	Aug-54	3063	8-5/8, 22.7	373	11	200	Surf	Circ	5-1/2, 14	3030	7-7/8	300	1690	Calc	ОН	3030-3063
Re-enter (#503)	30-005-00956	1990 FNL & 1980 FEL	G-3-145-31E	Prod	TBR		3063	8-5/8, 22.7	373	11	200	Surf	Circ	5-1/2, 14	3030	7-7/8	300	1690	Calc	ОН	3030-3063
DQSU 3H	30-005-00967	1990 FNL & 660 FEL	H-3-14S-31E	WIW	P&A	Oct-54	3073	8-5/8, 22.7	371	11	200	Surf	Circ	5-1/2, 14	3042	7-7/8	300	1702	Calc	ОН	3042-307
Re-enter (#502)	30-005-00967	1990 FNL & 660 FEL	H-3-145-31E	WAGIW	TBR		3073	8-5/8, 22.7	371	11	200	Surf	Circ	5-1/2, 14	3042	7-7/8	300	1702	Calc	ОН	3042-307
DQSU 3L	30-005-00974	1980 FSL & 660 FWL	L-3-14S-31E	Prod	P&A	Dec-54	2895	8-5/8, 22.7	170	11	100	Surf	Calc	5-1/2, 14	2880	7-7/8	300	1540	Calc	ОН	2880-289
Redrill (#316)	Unassigned	2280 FSL & 660 FWL	L-3-145-31E	WAGIW	TBD		2950	8-5/8, 24	1230	11	600	Surf	Circ	5-1/2, 15.5	2950	7-7/8	600	1000	Calc	Perf	2881-289
DQSU 22	30-005-00969	1980 FSL & 1980 FWL	K-3-14S-31E	Prod	Active	Sep-54	3063	8-5/8, 24	358	11	200	Surf	Circ	5-1/2, 14	3043	7-7/8	300	1703	Calc	ОН	3042-306
DQSU 21	30-005-00965	1980 FSL & 1980 FEL	J-3-14S-31E	WIW	P&A	Aug-54	3072	8-5/8, 22.7	330	11	175	Surf	Circ	5-1/2, 14	3030	7-7/8	300	1750-	CBL	ОН	3030-307
Redrill (#317)	Unassigned	2280 FSL & 1980 FEL	J-3-145-31E	WAGIW	TBD		3115	8-5/8, 24	1435	11	600	Surf	Circ	5-1/2, 15.5	3115	7-7/8	600	1200	Calc	Perf	3045-306
DQSU 24	30-005-00968	660 FSL & 1980 FWL	N-3-14S-31E	WIW	Active	Sep-54	3064	8-5/8, 22.7	373	11	200	Surf	Circ	5-1/2, 14	3033	7-7/8	300	1693	Calc	ОН	3033-306
						Oct-08	3090							4, 9.5	3005	4-3/4	1050	2450	CBL	Perf	3005-309
RQU 103	30-005-00905	1980 FNL & 660 FEL	H-34-13S-31E	WIW	P&A	Mar-55	3052	8-5/8, 24	327	12-1/4	300	Surf	Circ	5-1/2, 15.5	3037	7-7/8	1400	Surf	Circ	ОН	3037-305
RQU 313	30-005-29182	1980 FNL & 500 FEL	H-34-13S-31E	WAGIW	Active	Dec-11	2930	8-5/8, 24	377	11	270	Surf	Circ	5-1/2, 15.5	2930	7-7/8	600	400	CBL	N/A	N/A
				-		Dec-11	3115							4,11	2668-3111	7-7/8	70	2668	Circ	Perf	3026-303
RQU 48	30-005-00868	660 FSL & 1980 FWL	N-26-13S-31E	WAGIW	Active	Feb-55	3074	8-5/8, 24	312	12-1/4	300	Surf	Circ	5-1/2, 14	3028	7-7/8	1550	1730	CBL	OH	3028-307
				-		Dec-07	3074							4.9.5	3004	4-3/4	115	Surf	Circ	ОН	3028-307
RQU 701	30-005-29159	100 FNL & 1309 FWL	D-36-13S-31E	WAGIW	Active	Nov-10	3125	8-5/8, 24	343	11	270	Surf	Circ	5-1/2, 15.5	3125	7-7/8	800	Surf	Circ	Perf	3057-307
RQU 703	30-005-29161	1310 FNL & 850 FWL	D-36-13S-31E	WAGIW	Active	Jan-11	3143	8-5/8, 24	379	11	270	Surf	Circ	5-1/2, 15.5	3143	7-7/8	800	Surf	Circ	Perf	3046-306
RQU 706	30-005-29167	1478 FNL & 1330 FEL	G-34-13S-31E	Prod	Active	Jan-11	3120	8-5/8, 24	380	11	270	Surf	Circ	5-1/2, 15.5	3120	7-7/8	800	Surf	Circ	Perf	3022-303
RQU 63	30-005-00859	660 FSL & 660 FWL	M-25-13S-31E	Prod	Active	Apr-53	3102	10-3/4, 41	316	15	250	Surf	Calc	5-1/2, 15.5	3101	7-7/8	100	2235	CBL	Perf	3055-306
						Sep-11	3102							4,11	2431-3091	4-3/4	375	2431	Sqz	Perf	3048-306
RQU 50	30-005-00882	660 FSL & 990 FEL	P-26-13S-31E	WAGIW	Active	May-55	3048	8-5/8	150	11	100	Surf	Calc	5-1/2, unk	3048	7-7/8	100	2606	CBL	Perf	3032-304
				1		Feb-08	3067							1		,0				Perf/OH	
RQU 43	30-005-00881	1980 FSL & 990 FEL	I-26-13S-31E	Prod	Active	Mar-55	3072	8-5/8, 24	178	11	100	Surf	Calc	5-1/2, 14	3072	7-7/8	100	2625	Calc	Perf	3052-306
RQU 44	30-005-00873	1980 FSL & 1980 FEL	J-26-13S-31E	WIW	P&A	Jul-55	3049	8-5/8, 32	193	13-1/2	100	Surf	Circ	5-1/2, 14	3049	7-7/8	125	2520	CBL	Perf	3032-304
			1	1		Dec-07	3065	70,0,02					3,,0	1,	0010	,5		1 -020	300		3032-304

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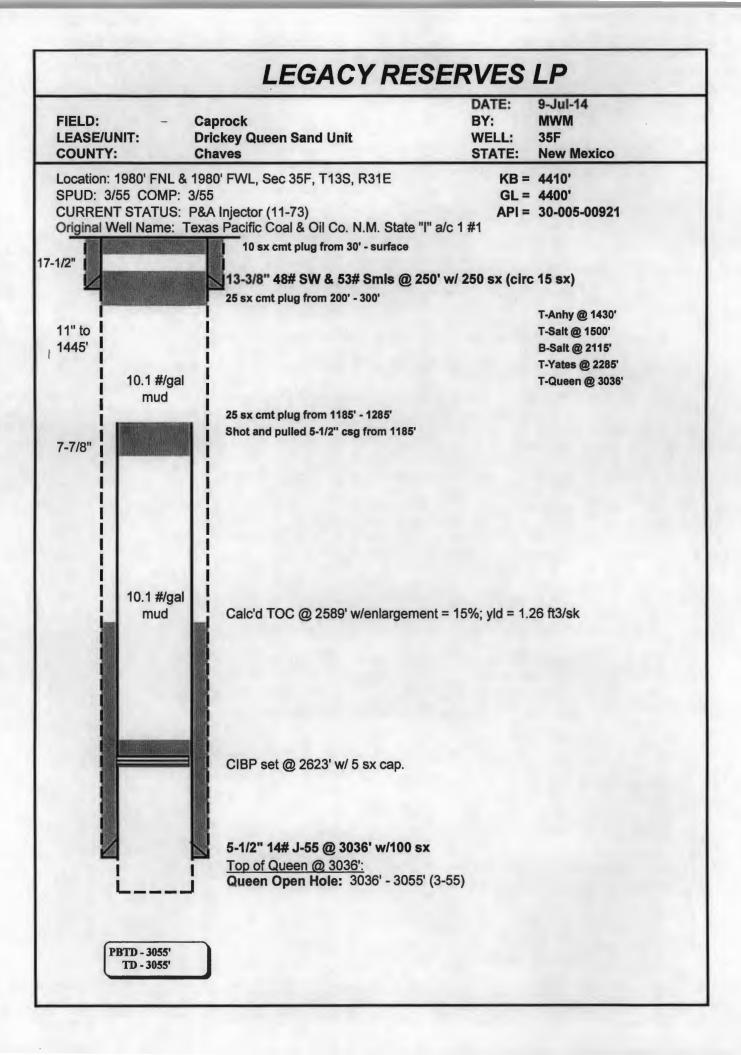
						Date	Total	Well construction													
L & W Name		Location		Well	Well	Drilled	Depth		Production casing/liner						Completi	on Depth					
	API Number	Footage	UL-S-T-R	Туре	Status	(mm/yy)	(ft)	Size-wght	Depth	Hole	Sx cmt	тос	Method	Size-wght	Depth	Hole	Sx cmt	тос	Method	Туре	Interval
Planned WAGIW		Planned Producer Redrill	or Re-entry																		
								7										1	T =0	T	
	laa aan aasan		1		T	Mar-08	3065						T	4,9.5	3007	4-3/4	100	25	TS	Perf/OH	3032-3065
RQU 316	30-005-29185	2080 FSL & 1830 FEL	J-26-13S-31E	WAGIW	Active	Oct-11	3115	8-5/8, 24	379	11	270	Surf	Circ	5-1/2, 15.5	3115	7-7/8	470	Surf	Circ	Perf	3039-3054
RQU 49	30-005-00874	660 FSL & 1980 FEL	O-26-13S-31E	Prod	Active	Aug-55	3050	8-5/8, 32	186	13-1/2	125	Surf	Circ	5-1/2, 14	3043	7-7/8	100	2596	'Calc	Perf	3020-3030
RQU 100	30-005-00908	2310 FNL & 990 FWL	E-34-13S-31E	Prod	Active	Dec-55	2914	8-5/8, 24	263	11	175	Surf	Circ	5-1/2, 14	2900	7-7/8	75	2565	Calc	ОН	2900-2914
RQU 101	30-005-00907	1980 FNL & 1980 FWL	F-34-13S-31E	WIW	P&A	Nov-55	2946	8-5/8, 26.4	268	11	175	Surf	Circ	5-1/2, 14	2903	7-7/8	75	2568	Calc	ОН	2903-2946
RQU 85	30-005-00930	550 FNL & 600 FWL	D-36-13S-31E	WAGIW	Active	May-55	3047	8-5/8, 24	331	12-1/4	200	Surf	Calc	5-1/2, 14	3041	7-7/8	100	2230	CBL	ОН	3041-3047
			-			Feb-08	3080							_				,		ОН	3041-3080
RQU 86	30-005-00931	1980 FNL & 660 FWL	E-36-13S-31E	Prod	Active	May-55	3058	8-5/8, 24	328	12-1/4	200	Surf	Calc	5-1/2, 14	3051	7-7/8	100	2495	CBL	OH	3051-3058
						May-11	3073							4,9.5	2837-3052	4-3/4	85	2837	Sqz	Perf/OH	3046-3073
RQU 87	30-005-00936	1980 FNL & 1980 FWL	F-36-13S-31E	WAGIW	Active	Dec-55	3063	8-5/8, 24	303	12-1/4	200	Surf	Circ	5-1/2, 14	3054	7-7/8	100	2608	Calc	OH	3054-3063
						Mar-61	3063							4-1/2, 9.5	3018-3063	4-3/4	35	3018	Calc	Perf	????-3062
						Feb-08	3100							4, 9.5	3018	4-3/4	70	1174	CBL	Perf/OH	3057-3100
RQU 91	30-005-00932	1980 FSL & 660 FWL	L-36-13S-31E	WIW	Active	May-55	3069	8-5/8, 24	320	12-1/4	200	Surf	Calc	5-1/2, 14	3054	7-7/8	100	2270	CBL	ОН	3054-3069
						May-11	3092							4, 10.5	2299-3092	4-3/4	500	2299	Sqz	Perf	3056-3070
RQU 96	30-005-00928	660 FNL & 1980 FWL	C-35-13S-31E	Prod	Active	Dec-54	3059	8-5/8, 24	303	10	250	Surf	Calc	5-1/2, 14	3041	8	100	2450	CBL	ОН	3041-3059
RQU 97	30-005-00929	660 FNL & 660 FWL	D-35-13S-31E	WIW	Active	Dec-54	3041	8-5/8, 24	302	10	225	Surf	Calc	5-1/2, 14	3022	8	100	2580	CBL	ОН	3022-3041
						May-09	3041							4, 9.5	2990	4-3/4	95	Surf	Circ	ОН	3022-3041
RQU 98	30-005-00904	660 FNL & 660 FEL	A-34-13S-31E	WIW	Active	Feb-55	3050	8-5/8, 24	314	12-1/4	300	Surf	Circ	5-1/2, 15.5	3030	7-7/8	1450	Surf	Circ	ОН	3030-3050
DQSU 2E	30-005-00951	1980 FNL & 660 FWL	E-2-14S-31E	Prod	P&A	Jan-55	3065	8-5/8, 22.7	291	11-1/4	150	Surf	Circ	5-1/2, 14	3055	7-7/8	300	1725	Calc	ОН	3055-3065
DQSU 2F	30-005-00957	1980 FNL & 1650 FWL	F-2-14S-31E	WIW	P&A	Apr-55	3071	12-3/4, 45	283	17-1/4	290	Surf	Circ	7, 20	3065	8	125	2512	Calc	ОН	3065-3071
DQSU 2L	30-005-00950	3450 FNL & 4620 FEL	L-2-14S-31E	ww	P&A	Jul-55	3031	8-5/8,22.7,24	328	11	170	Surf	Circ	5-1/2, 14	3004	7-7/8	300	1664	Calc	ОН	3004-3031
DQSU 2M	30-005-00949	660 FSL & 660 FWL	M-2-14S-31E	Prod	P&A	Jun-54	3059	13-3/8,36,48	306	17-1/2	250	Surf	Circ	8-5/8, 24	1400	11	Mudde	d in, rec	overed top	212', rest	LIH
		-									-		*	5-1/2, 14	3039	7-7/8	150	2369	Calc	ОН	3039-3059
DQSU 2N	30-005-00956	990 FSL & 1650 FWL	N-2-14S-31E	WIW	P&A	Sep-54	3069	12-3/4, 45	289	17-1/4	190	Surf	Circ	7, 20	3055	7-7/8	125	2502	Calc	ОН	3055-3069
DQSU 11D	30-005-01043	660 FNL & 660 FWL	D-11-14S-31E	WIW	P&A	Apr-54	3066	13-3/8, 48	271	17-1/4	275	Surf	Circ	7, 20	3046	8	125	2493	Calc	ОН	3046-3066
DQSU 147	30-005-21135	1459 FNL & 330 FWL	E-11-14S-31E	Prod	TA	Dec-94	3150	8-5/8, 24	385	12-1/4	250	Surf	Circ	5-1/2, 15.5	3132	7-7/8	400	2110	CBL	Perf	3052-3064
DQSU 704	30-005-29198	1331 FNL & 1309 FEL	H-10-14S-31E	Prod	Active	Jan-12	3135	8-5/8, 24	477	12-1/4	400	Surf	Circ	5-1/2, 15.5	3135	7-7/8	600	Surf	Circ	Perf	3034-3048
DQSU 23	30-005-00972	660 FSL & 660 FWL	M-3-14S-31E	Prod	Active	Nov-54	2935	8-5/8, 22.7	170	11	100	Surf	Calc	5-1/2,14,15.5	2914	7-7/8	300	1573	Calc	ОН	2914-2935
						Jun-08	2962						-							ОН	2914-2962
DOSU 25	30-005-00963	660 FSL & 1980 FEL	0-3-14S-31E	ww	Active	Jul-54	3065	8-5/8,22.7,24	317	11	150	Surf	Circ	5-1/2, 14	3028	7-7/8	300	2070	TS	ОН	3028-3065
	1					Dec-10	3100	,,						4, 9.5	2630-3100	4-3/4	450	2630	Sqz	Perf	3045-3060
DQSU 26	30-005-01024	660 FNL & 660 FEL	A-10-14S-31E	WIW	Active	May-54	3048	13-3/8, 36, 48	311	17-1/4	250	Surf	Circ	5-1/2, 14	3040	7-7/8	150	2550	CBL	OH	3040-3048
200 20	30 003 01024	1000 1112 0 000 1 22	17 10 1-10 JIL	44144	ACCIAC.	May 54	3040	123-3/0, 30, 40	311	1 1/4	230	Juil	Circ	10 11Z, 14	3040	7770	1 200	2330	CDE	011	15040 5040

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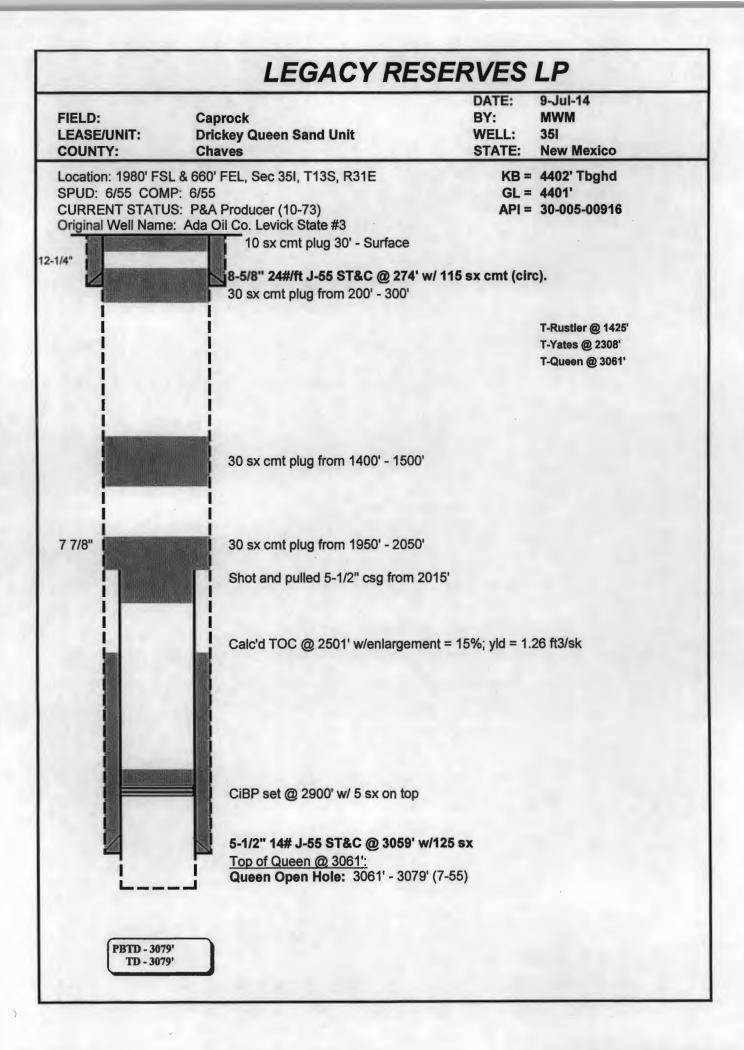
						Date Total Well construction  Drilled Depth Surface Casing Production casing/liner															
		Location		Well	Well	Drilled	Depth		Production casing/liner						Complet	tion Depth					
L & W Name	API Number	Footage	UL-S-T-R	Туре	Status	(mm/yy)	(ft)	Size-wght	Depth	Hole	Sx cmt	TOC	Method	Size-wght	Depth	Hole	Sx cmt	TOC	Method	Туре	Interval
Planned WAGIW		Planned Producer Redrill	or Re-entry																		
DQSU 27	30-005-01026	660 FNL & 1980 FEL	B-10-14S-31E	WIW	Active	Jul-54	3072	8-5/8,22.7,24	314	11	150	Surf	Circ	5-1/2, 14	3042	7-7/8	150	2500	CBL	ОН	3042-3072
DQSU 28	30-005-01028	660 FNL & 1980 FWL	C-10-14S-31E	Prod	Active	Aug-54	2975	8-5/8, 22.7	332	11	175	Surf	Circ	5-1/2, 14	2947	7-7/8	300	1607	Calc	ОН	2955-2975
						Jun-08	2995													ОН	2955-2995
DQSU 29	30-005-01029	660 FNL & 660 FWL	D-10-14S-31E	WIW	Active	Oct-54	2883	8-5/8, 22.7	210	11	125	Surf	Circ	5-1/2,14,15.5	2871	7-7/8	300	2000	CBL	ОН	2871-2883
				in i		Jun-08	2915							4, 11	2915	4-3/4	320	Surf	Circ	Perf	2854-2868
DQSU 31	30-005-01022	2080 FNL & 1920 FWL	F-10-14S-31E	WIW	Active	Mar-54	2940	NONE SET	N/A	N/A	N/A	N/A	N/A	5-1/2, 14,17	2932	7-7/8	100	2485	Calc	ОН	2932-2940
						May-08	2945							4, 9.5	2853	4-3/4	500	2620	CBL	ОН	2932-2945
DQSU 3-I	30-005-00964	1980 FSL & 660 FEL	I-3-14S-31E	Prod	P&A	Aug-54	3063	13-3/8, 36	324	17-1/4	275	Surf	Circ	5-1/2, 14	3033	7-7/8	200	2139	Calc	ОН	3033-3063
Redrill (#318)	30-005-00954	2130 FSL & 660 FEL	I-3-14S-31E	Prod	TBD	1000	3115	9-5/8, 36	1435	12-1/4	600	Surf	Circ	7, 20	3115	8-3/4	600	1200	Calc	Perf	3043-3059
DQSU 3P	30-005-00962	660 FSL & 660 FEL	P-3-14S-31E	WIW	P&A	Jul-54	3054	13-3/8, 36	310	17-1/4	250	Surf	Circ	5-1/2, 14	3003	7-7/8	200	2390	TS	ОН	3003-3054
						Jul-58	3054							4, 11.3	2970-3034	4-3/4	50	2970	Sqz	ОН	3034-3054
Redrill (#319)	Unassigned	960 FSL & 660 FEL	P-3-145-31E	WAGIW	TBD		3105	8-5/8, 24	1420	11	600	Surf	Circ	5-1/2, 15.5	3105	7-7/8	600	1200	Calc	Perf	3037-3053
DQSU 805	30-005-00978	660 FSL & 660 FEL	P-4-14S-31E	WIW	SI	Dec-54	2857	13-3/8, 44	120	17-1/4	50	20	Calc	5-1/2, 14	2834	7-7/8	100	2470	CBL	ОН	2834-2857
				_		Apr-11	2857							4, 9.5	2642-2839	4-3/4	50	2642	CBL	Perf/OH	2832-2857
					TA	Mar-14	2857							-							
DQSU 806	30-005-00979	1980 FSL & 660 FEL	I-4-14S-31E	Prod	Active	Jan-55	2841	13-3/8, 44	120	17-1/4	50	20	Calc	5-1/2, 14	2818	7-7/8	100	2371	Calc	ОН	2818-2841
	-					Oct-07	2870													ОН	2818-2870
DQSU 808	30-005-00981	665 FNL & 660 FEL	A-4-14S-31E	Prod	Active	Apr-55	2876	13-3/8, 40	95	17-1/4	50	Surf	Calc	5-1/2, 14	2857	7-7/8	100	2410	Calc	ОН	2857-2876
DQSU 813	30-005-00982	990 FSL & 1650 FEL	0-4-14S-31E	Prod	Active	Jun-58	2825	8-5/8, 24	102	11	50	Surf	Calc	5-1/2, 14	2825	7-7/8	100	2264	CBL	Perf	2806-2810
						Oct-07	2856													Perf/OH	2796-2856
DQSU 4J (#14)	30-005-00983	2310 FSL & 1650 FEL	J-4-14S-31E	WIW	P&A	Jun-58	2813	8-5/8, 24	102	11	50	Surf	Calc	5-1/2, 14	2800	7-7/8	100	2353	Calc	OH	2803-2813
DQSU 816	30-005-00985	665 FNL & 1980 FEL	B-4-14S-31E	WIW	SI	Dec-55	2820	8-5/8, 24	107	11	50	Surf	Circ	5-1/2, 14	2804	7-7/8	100	2450-	CBL	ОН	2804-2820
					***************************************	Apr-11	2820							4, 9.5	2223-2820	4-3/4	1110	2223	Sqz	Perf	2805-2819
					TA	Jun-13	2820							No.							
DQSU 833	30-005-00994	330 FNL & 990 FEL	A-4-14S-31E	Prod	P&A	Oct-61	2904	8-5/8, 24	122	11	50	20	Calc	4-1/2, 9.5	2903	7-7/8	125	2436	Calc	Perf	2852-2862
DQSU 4-O (#38)	30-005-10159	990 FSL & 1917 FEL	0-4-14S-31E	D&A	D&A	Jun-58	1130	8-5/8, 24	1130	12-1/4	75	890	Calc	Drilled to test for water in the Santa Rosa						Perf	1013-1100
				D&A	D&A	Sep-64	4806	8-5/8, 24	1130	12-1/4	100	890	Calc	Squeezed pe	rfs @ 1013	3-1100 w	/100 sx b	efore dr	illing to 480	06.	
RQU 102	30-005-00906	1980 FNL & 1980 FEL	G-34-13S-31E	WIW	Active	Aug-55	3075	7-5/8, 26.4	300	11	200	Surf	Circ	4-1/2, 9.5	3075	6-3/4	75	2665	Calc	Perf	3036-3051
DQSU #145	30-005-21133	1440 FSL & 2620 FWL	K-35-13S-31E	Prod	P&A	Oct-94	3150	8-5/8, 24	350	12-1/4	222	Surf	Calc	4-1/2, 9.5	3149	7-7/8	400	1654	Calc	Perf	3063-3073

# Dasy 35 + WELL FILE

. COPIES RECEIVED		Form C-103
TRIBUTION		Supersedes Old C-102 and C-103
,T , 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 Oil & Gas Lease No.
The state of the s	30-005-00921	E-5988
SUND	RY NOTICES AND REPORTS ON WELLS	
USE "APPLICA	ROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.	
OIL GAS WELL	Injection Well	7. Unit Agreement Name
2. Manue of Operator		8. Farm or Lease Name Drickey
	t & I. J. Wolfson	Queen Sand Unit Tr 37
Address of Operator		9. Well No.
c/o Oil Report	s & Gas Services, Inc., Box 763, Hobbs, N.M.	1
Location of Well		10. Field and Pool, or Wildcat
UNIT LETTER	1980 FEET FROM THE North LINE AND 1980 FEET	Caprock Queen
THE West	TION 35 TOWNSHIP 13 S RANGE 31 E	
	NI NI	
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	4410	Chaves ()
	CHANGE PLANS CASING TEST AND CEMENT JOB OTHER	PLUG AND ASANDONMENT
	CHANGE PLANS CASING TEST AND CEMENT JOB	PLUG AND ASANDONMENT
OTHER  17. Describe Froposed or Completed Comp	CHANGE PLANS CASING TEST AND CEMENT JQB	PLUG AND ABANDONMENT



OPIES RECEIVED		Form C-103
RIBUTION		Supersedes Old C-102 and C-103
FE	NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
FILE		
U.S.G.S.	DUSY 35I WELL FILE	Sa. Indicate Type of Lease
LAND OFFICE		State X Fee
OPERATOR		5. State Oil & Gas Lease No. B-8822
IDO NOT USE THIS	SUNDRY NOTICES AND REPORTS ON WELLS  FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  SE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
WELL W	30-005-00916	7. Unit Agreement Name
2. Name of Operator Weldon S. Gue	est & I. J. Wolfson	8. Form or Lease Name Drickey Queen Sand Unit Tr 15
3. Address of Cperator  c/o O11 Repor	rts & Gas Services, Inc., Box 763, Hobbs, N. M. 88240	9. Well No.
4. Location of Well		10. Field and Fool, or Wildcat
I	1986 FEET FROM THE South LINE AND 660 FEET FRO	Caprock Queen
THE ELST	LINE, SECTION 35 TOWNSHIP 13 8 RANGE 31 B	
	15. Elevation (Show whether DF, RT, CR, etc.)	12. County Chaves
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER	PLUG AND ABANDON REMEDIAL WORK  COMMENCE DRILLING OPNS.  CHANGE PLANS  OTHER	ALTERING CASING PLUG AND ABANDONMENT
	Subject well plugged and abendoned 10/23/73 as follows Set east iron bridge plug & 2900 & capped with 5 sacks Shot & Pulled 5 1/2" casing from 2015 Spotted plug from 2050 to 1950 with 30 sacks Spotted plug from 1500 to 1400 with 30 sacks Spotted plug from 300 to 200 with 30 sacks Spotted plug from 300 to 200 with 30 sacks Set 10 sack plug at surface with regulation marker. 10.1# mud (visc. 32) between all plugs.	
16. 1 hereby certify that the	e information above is true and complete to the best of my knowledge and belief.  TITLE  Agent	10/24/73
APPROVED BY	AL, IF ANY:	DATE :374



DAMMISSION  5a. 1 S 5. St  DO 918  ENT RESERVOIR.  7. U  8. F Qu  9. W  10. F  11. S  12. C	Form C-103 Supersedes Old C-102 and C-103 Effective 1-1-65 Indicate Type of Lease State Fee  tate Oil & Gas Lease No. E-6401 Init Agreement Name  arm or Lease Name Drickey teen Sand Unit Tr 38A tell No. 6 Field and Pool, or Wildcat Caprock Queen
5. Si 5. Si 5. Si 5. Si 5. Si 7. Ui 8. Fi Qu 9. Wi 1980 FEET FROM 31 E NMPM.	state Oil & Gas Lease No. E-6401  Thit Agreement Name  form or Lease Name Drickey the Sand Unit Tr 38A  ell No.  6  Field and Pool, or Wildcat  Caprock Queen
00918 ENT RESERVOIR.  7. U  8. F  Qu  9. W  1980  PEET FROM  31 E  NMPM.	E-6401  Init Agreement Name  Garm or Lease Name Drickey  Reen Sand Unit Tr 38A  ell No.  6  Field and Pool, or Wildcat  Caprock Queen
7. U  8. Fr  Qu  9. W  1980 FEET FROM  31 E NMPM.	carm or Lease Name Drickey teen Sand Unit Tr 38A ell No. 6 Field and Pool, or Wildcat Caprock Queen
9. W. 1980 FEET FROM 31 E NMPM.	carm or Lease Name Drickey teen Sand Unit Tr 38A ell No. 6 Field and Pool, or Wildcat Caprock Queen
Qu 9. W. 10. FEET FROM 31 E NMPM.	een Sand Unit Tr 38A ell No. 6 Field and Pool, or Wildcat Caprock Queen
1980 PEET FROM  31 E NMPM.	6 Field and Pool, or Wildcat Caprock Queen
1980 PEET FROM 31 E NMPM.	Caprock Queen
31 E NMPM.	
12. 0	County
	County AllIIII
	haves AllIIIII
	PLUG AND ABANDONMENT
lows:	ited date of starting any proposed
r.	
×	SUBSEQUENT RES

Agent 11/16/73 TITLE . SIGNED Ç:..· TITLE DATE

## LEGACY RESERVES LP DATE: 9-Jul-14 Caprock BY: MWM FIELD: WELL: 35J LEASE/UNIT: **Drickey Queen Sand Unit** STATE: **New Mexico** COUNTY: Chaves KB = 4411' DF Location: 1980' FSL & 1980' FEL, Sec 35J, T13S, R31E SPUD: 12/54 COMP: 1/55 GL = 4400' API = 30-005-00918 CURRENT STATUS: P&A Producer (11-73) Original Well Name: Cities Service Oil Co. State "AN" #6 10 sx cmt plug 30' - Surface 11" 8-5/8" 22.7# SW SJ @ 293' w/ 150 sx cmt (circ'd) 25 sx cmt plug from 275' - 375' 10.1 #/gal T-Salt @ 1445' est. mud T-Yates @ 2340' T-Queen @ 3063' 7-7/8" 25 sx cmt plug from 1215' - 1315' Cut and pulled 5-1/2" csg from 1215' 10.1 #/gal mud Calc'd TOC at 1712' w/enlargement = 15%; yld = 1.26 ft3/sk CIBP @ 2875' w/ 5 sx to 2855' 5-1/2" 14# J-55 ST&C @ 3052' w/300 sx Top of Queen @ 3063': Queen Open Hole: 3063' - 3083' (1-55) PBTD - 3083' TD - 3083'

# Dasy 35L WELL FILE

TRIBUTION	NEW MEXICO OIL CONSERVATION COMMISSION	Form C-103 Supersedes Old C-102 and C-103 Effective 1-1-65
FILE		P
U.S.G.S.		State X Fee
OPERATOR		5. State Oil & Gas Lease No.
	30-005-00920	B-8822-4
DO NOT USE THIS FORM FOR P	DRY NOTICES AND REPORTS ON WELLS PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. ATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
OIL GAS WELL	OTHER. Injection Well	7. Unit Agreement Name
Weldon S. Guest & I  Address of Operator	J. Wolfson	8. Farm or Lease Name Drickey Queen Sand Unit Tr 16 9. Well No.
c/o Jil Reports & Gas	Services, Box 763, Hobbs, New Mexico 88240	1
L LOCATION OF WELL L	1980 South 660	10. Field and Pool, or Wildcat  Caprock Queen
THE West LINE, SECT	35 138 315	MPM.
	15. Elevation (Show whether DF, RT, GR, etc.) 4414 GR	12, County Chaves
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JOB OTHER	ALTERING CASING PLUG AND ABANDONMENT
OTHER	CHANGE PLANS CASING TEST AND CEMENT JQB	PLUG AND ABANDONMENT X
OTHER  OTHER  7. Describe Proposed or Completed ( work) SEE RULE 1 fos.  Set C	CASING TEST AND CEMENT JQB OTHER OTHER OPERATIONS (Clearly state all pertinent details, and give pertinent dates, inclu	PLUG AND ABANDONMENT
other  7. Describe Proposed or Completed ( work) SEE RULE 1 103.  Set of	CASING TEST AND CEMENT JQB OTHER  OTHER  Operations (Clearly state all pertinent details, and give pertinent dates, includes the composition of th	PLUG AND ABANDONMENT
other  7. Describe Proposed or Completed ( work) SEE RULE 1 103.  Set of Cut & Spott	CASING TEST AND CEMENT JQB OTHER  OPERATIONS (Clearly state all pertinent details, and give pertinent dates, includes iron bridge plug at 2976 & capped with 5 Pulled 7" casing from 638'	PLUG AND ABANDONMENT
other	CASING TEST AND CEMENT JQB OTHER  OTHER  Operations (Clearly state all pertinent details, and give pertinent dates, includes at 100 per pertinent dates, includes the control of the contr	PLUG AND ABANDONMENT
OTHER  7. Describe Proposed or Completed ( work) SEE RULE 1 fos.  Set of Cut & Spott Spott Set 1	CASING TEST AND CEMENT JQB OTHER  OTHER  OPERATIONS (Clearly state all pertinent details, and give pertinent dates, includest iron bridge plug at 2976 & capped with 5 Pulled 7" casing from 638' ted 60 sack plug at 638' ted 80 sack plug from 200 to 300'	PLUG AND ABANDONMENT
OTHER  OTHER  OTHER  17. Describe Proposed or Completed	CASING TEST AND CEMENT JQB OTHER  OTHER  OPERATIONS (Clearly state all pertinent details, and give pertinent dates, includes at 100 bridge plug at 2976 & capped with 5 Pulled 7" casing from 638' ted 60 sack plug at 638' ted 80 sack plug from 200 to 300'  LO sacks at surface with regulation marker	PLUG AND ABANDONMENT
OTHER  7. Describe Proposed or Completed Completed Comparity SEE RULE 1 fos.  Set of Spott Spott Set 1 Mud b	CASING TEST AND CEMENT JQB OTHER  OTHER  OPERATIONS (Clearly state all pertinent details, and give pertinent dates, includes at 100 per casing from 638'  The casing from 638'  The casing from 200 to 300'	PLUG AND ABANDONMENT
OTHER  OTHER  7. Describe Proposed or Completed Complete Completed	CASING TEST AND CEMENT JQB OTHER  OTHER  OPERATIONS (Clearly state all pertinent details, and give pertinent dates, includes at 100 per casing from 638'  The casing from 638'  The casing from 200 to 300'	PLUG AND ABANDONMENT

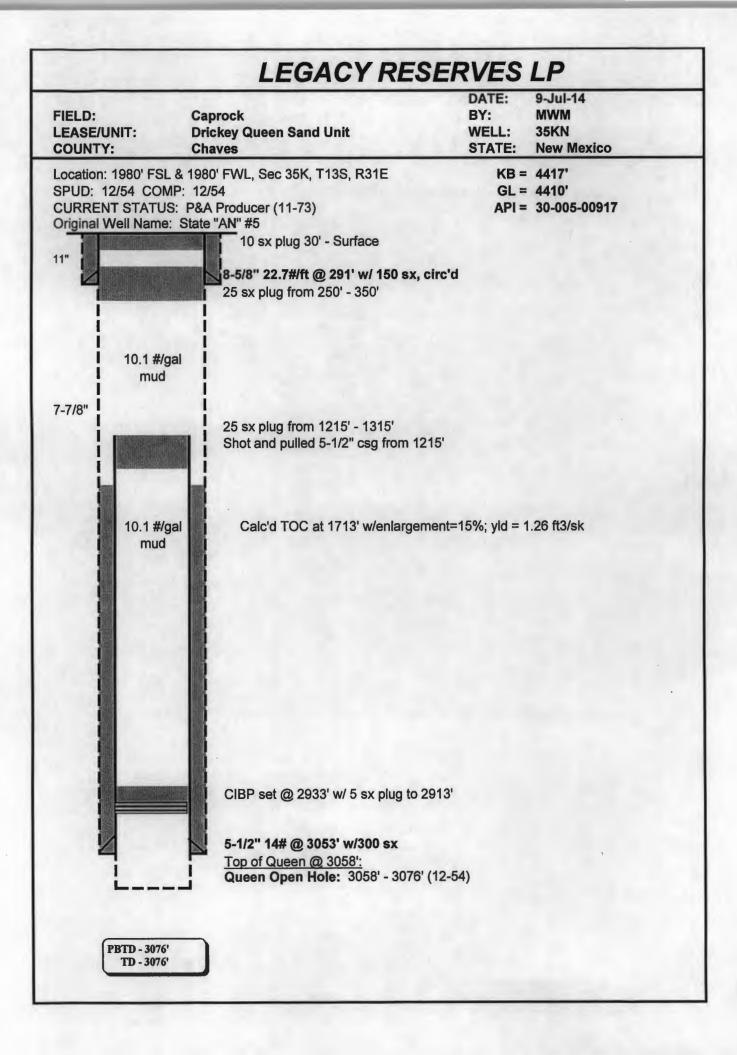
### LEGACY RESERVES LP 9-Jul-14 FIELD: Caprock BY: MWM WELL: 35L LEASE/UNIT: **Drickey Queen Sand Unit** COUNTY: Chaves STATE: **New Mexico** Location: 1980' FSL & 660' FWL, Sec 35L, T13S, R31E KB = SPUD: 2/55 COMP: 3/55 GL = 4414' CURRENT STATUS: P&A Injector (11-73) API = 30-005-00920Original Well Name: N. G. Penrose, Inc. Levick #1 10 sx plug at surface 16" 12-3/4" 45.45#/ft @ 239' w/ 250 sx (circ'd) 80 sx plug from 200' - 300' 10.1 #/gal mud 60 sx plug @ 638' T-Anhy @ 1400' Cut and pulled 7" csg from 638' T-Salt @1510' B-Salt @ 2140' T-Yates @ 2280' T-Queen @ 3049' 10" to 1 1425' 8" 10.1 #/gal Calc'd TOC @ 2432' w/8-1/2" hole, enlargement=15%, yld = 1.26 ft3/sk mud CIBP set @ 2976' w/ 5 sx cap 7" 20# @ 3047' w/125 sx Top of Queen @ 3049': Queen Open Hole: 3049' - 3064' (3-55)

PBTD - 3064' TD - 3064'

FILE U.S.G.S. LAND OFFICE	NEW MEXICO OIL CONSERV	DRSY 35-P	Form C-103 Supersedes C-102 and C Effective 1-  Sa. Indicate Ty State	-103 i-65 pe of Lease
OPERATOR : i	30-1	005-00915	5. State Oil & C	
CO NOT USE THIS FORM FOR PRO-	Y NOTICES AND REPORTS ON WE POSALS TO DRILL OF TO DEEPEN OF PLUG BACK. ON FOR PERMIT -" (FORM C-101) FOR SUCH PRI	LLS TO A DIFFERENT RESERVOIR. OPOSALS.)	7. Unit Agreeme	
2. Name of Operator  Weldon S. Guest & I. 3. Address of Operator				e Name Drickey 1 Unit Tr 15
	s Services, Inc., Box 763,	Hobbs. New Mexico	9. Well No.	
4. Location of Well			10. Field and P	
	South  N 35 TOWNSHIP 13 S			Marie Ville 1
			VIIIIIII	
	15, Elevation (Show whether DF, 1408	KT, GR, etc.,	Cheves	
16. Check A	Appropriate Box To Indicate Natur	re of Notice. Report or (	Other Data	
Subject well plugged	and abandoned 10/15/73 as plug 6 3000 & cap with 3	follows:	ing estimated date of	starting any proposed
Shot & pulled 5 1/2" Spotted cement plug Hole collapsed back Spotted plug 1329 to Due to error in tubic Spotted plug 213 to	ng count spotted 40 sack pl 313 with 35 sacks. ce with regulation marker.	te bridge out.		

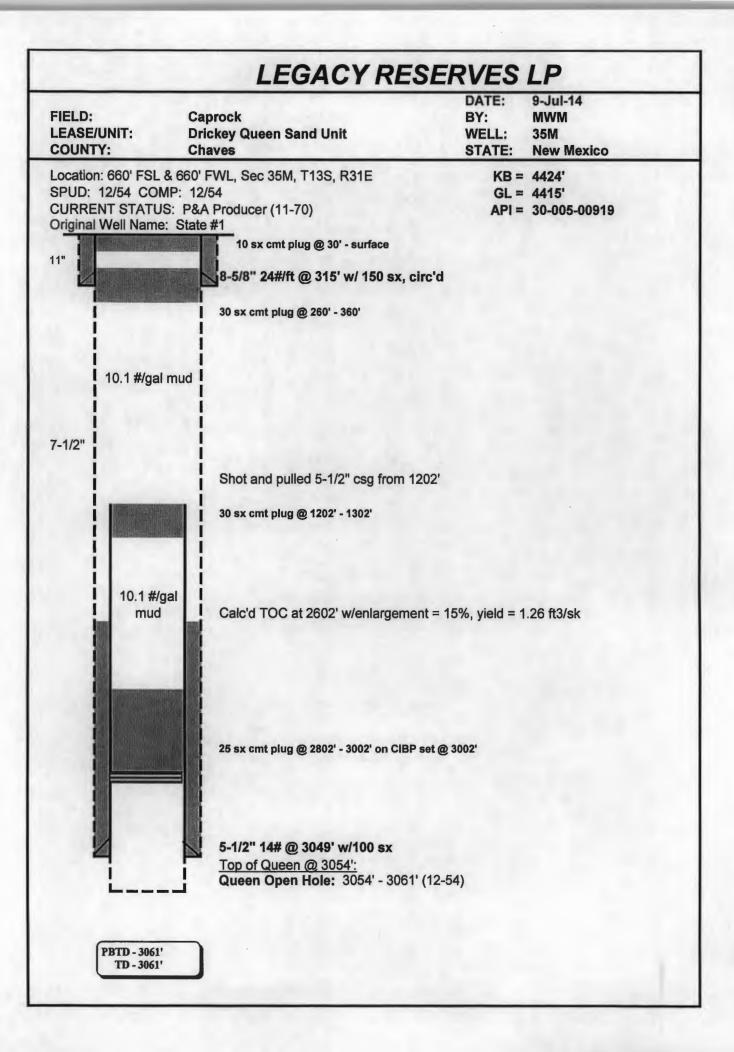
# LEGACY RESERVES LP DATE: 9-Jul-14 Caprock BY: FIELD: MWM WELL: 35P LEASE/UNIT: **Drickey Queen Sand Unit** STATE: **New Mexico** COUNTY: Chaves Location: 660' FSL & 660' FEL, Sec 35P, T13S, R31E KB = 4415' SPUD: 7/55 COMP: 7/55 GL = 4406' CURRENT STATUS: P&A Injector (10-73) API = 30-005-00915 Original Well Name: Ada oil Co. Levick State #2 5 sx cmt plug 15' - Surface 12-1/4" 8-5/8" 24# J-55 ST&C @ 274' w/ 125 sx(circ) 35 sx cmt plug from 213' - 313' 40 sx cmt plug from 360' - 498' T-Rustler @ 1417' T-Yates @ 2315' T-Queen @ 3072' 35 sx cmt plug from 1329' - 1450' 7-7/8" 25 sx cmt plug from 1940' - 2040' Shot and pulled 5-1/2" csg from 2013' Calc'd TOC @ 2551' w/enlargement = 15%, yld = 1.26 ft3/sk CIBP set @ 3000' w/ 15' cmt cap to 2985' 5-1/2" 14 J-55 ST&C @ 3065' w/115 sx Top of Queen @ 3072': Queen Open Hole: 3072' - 3085' (7-55)

FE NEW MEXICO	OIL CONSERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
FILE		
U.S.G.S.	5K-N WELL FILF	Sa. Indicate Type of Lease
OPERATOR US STATE		State A Fee, 5, State Oil & Gas Lease No.
O'ERATOR .	30-005-00917	E-6401
SUNDRY NOTICES AND REF		THE PROPERTY OF THE PARTY OF TH
SUNDRY NOTICES AND REF	PEN OR PLUG BACK TO A DIFFERENT RESERVOIR. -101) FOR SUCH PROPOSALS.)	
OIL GAS C		7. Unit Agreement Name
WELL OTHER-	The second secon	0.5-
Weldon S. Guest & I. J. Wolfson		8. Form or Lease Name Drickey Queen Sand Unit Tr 38A
3. Address of Operator		9. Well No.
c/o Oil Reports & Gas Services, Inc.,	Box 763, Hobbs, New Mexico	5
4. Location of Well		10. Field and Pool, or Wildcat
UNIT LETTER K 1980 FEET FROM THE	South LINE AND 1980 PEET	Caprock Queen
Wast 35	17 6 27 13	
THE West LINE, SECTION 35 TOWNSH	IP 13 B HANGE 31 B NE	ирм. <b>(                                    </b>
15. Elevation (S	how whether DF, RT, GR, etc.)	12. County
44	412 GL	Chaves All III
PERFORM REMEDIAL WORK PLUG AND A TEMPORARILY ABANDON PULL OR ALTER CASING CHANGE PLA	COMMENCE DRILLING OPHS.	PLUG AND ABANDONMENT
TEMPORARILY ABANDON	commence drilling opns.  casing test and cement job other  pertinent details, and give pertinent dates, included  d 11/14/73 as follows:  & capped with 5 sacks cement 1215.  th 25 sacks.  regulation marker.	PLUG AND ABANDONMENT



		,	
TAFE		NSERVATION COMMISSION  M WELL FILE	Form C-103 Supersedes Old C-102 and C-103 Effective 1-1-65
U.S.G.S.	Masi 15	il work like	State A Fee.
DERATOR			State Oil & Gas Lease No.
OFERATOR	30	005'00919	B-2635
SUNDR	Y NOTICES AND REPORTS OF POSALS TO BRILL OR TO DEEPEN OR PLUIS ON FOR ME - 101) FOR S	N WELLS	
I. OIL GAS	отнев- Р&А		7, Unit Agreement Name
2. Nume of Operator	OTHER- F 6C A		8. Farm or Lease Name Dricke
Weldon S. Guest & I.	J. Wolfson		Queen Sand Unit Tr 31
3. Address of Operator			9. Well No.
c/o Oil Reports & Gus S	ervices, Inc., Box 763	, Hobbe, New Mexico	1
4. Location of Well	cco	***	10. Field and Pool, or Wildcat
UNIT LETTER	660 FEET FROM THE South	LINE AND 600 FEET	Caprock Cusen
THE West LINE, SECTIO	N 35 TOWNSHIP 13	S RANGE 31 :	имрм.
	15. Elevation (Show whether		12. County
innannan in	4420 1	DF	Chave:
17. Describe Proposed or Completed Operark) SEE RULE 1103.	erations (Clearly state all pertinent de	tails, and give pertinent dates, incl	luding estimated date of starting any proposed
Spotted 100' plus Spotted 100' plus Set 10 sack plus	shot off 5 1/2" caring ag 1202-1302 with 30 so up 260 to 360 with 30 ag at surface with regul. 32) between all plugs 0/31/75.	ecks. secks. lation marker.	
18. I hereby certify that the information a	1	of my knowledge and belief.  Ajcent	DATE 18/5/73
11	D		
APPROVED BY John W. 1	lungen TITLE	resignist	DATE

NO. OF COPI	ES RECEIVED			
				Form C-103
	BUTION			Supersedes Old
SANTA FE	JOI TON	NEW MEXICO OIL CONSERVATION	ON COMMISSION	C-102 and C-103
FILE		_		Effective 1-1-65
U.S.G.S.		JQ>4	35-M	5a. Indicate Type of Lease
LAND OFFI	CF	-	,	State X Fee
OPERATOR				5. State Oil & Gas Lease No.
O' EKAT OK		30-	-005-00919	-
		RY NOTICES AND REPORTS ON WELLS TOPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A C TION FOR PERMIT -" (FORM C-10)) FOR SUCH PROPOSA	DIFFERENT RESERVOIR.	7. Unit Agreement Name
WELL X		OTHER-		D.Q.S.U.
	es Service Oil	Company		8. Farm or Lease Name Tract 31
Address of C				9. Well No.
	69 - Hobbs, Ne	w Mexico 88240		
	ен,	660 FEET FROM THE SOUTH LINE A		
HIIII		15. Elevation (Show whether DF, RT, C	GR, etc.)	12. County
		11111		Chaves (\\\\\\\\
		Appropriate Box To Indicate Nature of NTENTION TO:	•	Other Data  NT REPORT OF:
				года
PERFORM REME		PLUG AND ABANDON REMEDIA		ALTERING CASING
TEMPORARILY A			CE DRILLING OPHS.	PLUG AND ABANDONMENT
PULL OR ALTER	CASING		TEST AND CEMENT JQB	
		OTHER	A	
OTHER			•	
The all. 2. 3. 4.	Set a CI Bri Set a 25 sad Loaded hole Set a 10 sad 41 above the	plugged and abandoned in the fidge Plug @ 3002. (5½" set @ 30ck cement plug on top of bridge with mud laden fluid.  ck cement surface plug @ 30-0 we surface to designate a P & A is been cleared of all debris an aspection.	49 w/100 sxs)  plug @ 3002-280:  ith a 4" marker of location.	2. extending
,	for final in	aspection.		
	ORIGINAL SIGNE			99499499
	C. D. ROBERTSON	TITLE Distri	ct Admin. Superv	Isor DATE 11/17/70
IGNED				



. C COPIES RECEIVED	· · ·	Form C-103
TRIBUTION		Supersedes Old
	15	C-102 and C-103
Y FE	NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
FILE		
U.S.G.S.	DQSY 35-N WELL FILE	5a. Indicate Type of Lease
LAND OFFICE		State Fee.
OPERATOR	2	5, State Oil & Gas Lease No.
	30-005-00927	E-521
	SUNDRY NOTICES AND REPORTS ON WELLS  M FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  APPLICATION FOR PERMIT - " (FORM C-101) FOR SUCH PROPOSALS.)	
OIL GAS WELL	OTHER- Injection Well	7. Unit Agreement Name
2. Name of Operator		8. Farm or Lease Name Drickey
Weldon S.	Guest & I. J. Wolfson	Queen Sand Unit Tr 28
3. Address of Operator		9. Well No.
o/o Oil Re	ports & Gas Services, Inc., Box 763, Hobbs, E.K.	10, Field and Pool, or Wildcat
4. Location of well		
UNIT LETTER B	660 FEET FROM THE South LINE AND 1980 FEET FROM	Caprock Queen
THE West LIN	IE, SECTION 35 TOWNSHIP 13 8 RANGE 31 E NMPM	
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	4413	Chaves
PERFORM REMEDIAL WORX  TEMPORAR!LY ABANDON  PULL OR ALTER CASING	PLUG AND ASANDON REMEDIAL WORK  COMMENCE DRILLING OPNS.  CHANGE PLANS CASING TEST AND CEMENT JOB  OTHER	ALTERING CASING PLUG AND ABANDONMENT
OTHER		
	Set cast iron bridge plug 6 2910 & capped with 5 secions of the pulled 5 1/2" casing from 586.  Spotted plug from 586 to 686 with 25 sacks.  Spotted plug from 300 to 400 with 25 sacks.  Set 10 sack plug at surface with regulation marker.  10.1# mud (visc. 32) between all plugs.	
(k)	ormation above is true and complete to the best of my knowledge and belief.	

APPROVED BY John W. Numyen TITLE\_\_\_\_\_\_\_ DATE\_\_\_\_\_

Agent

DATE 11/20/73

# LEGACY RESERVES LP

DATE: 9-Jul-14 FIELD: Caprock BY: MWM LEASE/UNIT: **Drickey Queen Sand Unit** WELL: 35N COUNTY: Chaves STATE: **New Mexico** Location: 660' FSL & 1980' FWL, Sec 35N, T13S, R31E KB = 4413'SPUD: 11/54 COMP: 11/54 GL = CURRENT STATUS: P&A Injector (11-73) API = 30-005-00927 Original Well Name: Tract 28 #1 10 sx cmt plug @ 30' - surface 15" 13-3/8" 27.06#/ft @ 314' w/ 250 sx; calc'd TOC at surface 25 sx cmt plug @ 300' - 400' 10" to T-Salt @ 1535' 1406' B-Salt @ 2170' 8" 10.1 #/gal mud T-Queen @ 3053' Shot and pulled 5-1/2" csg from 586' 25 sx cmt plug @ 586' - 686' 10.1 #/gal Calc TOC @ 2604' w/enlargement = 15%, yld = 1.26 ft3/sk mud 20' cmt cap on top of CIBP set @ 2910' 5-1/2" 17# @ 3051' w/100 sx Top of Queen @ 3053': Queen Open Hole: 3053' - 3060' (11-54) PBTD - 3060' TD - 3060'

			•	
NO. OF COPIES RECE	IVEO :			Form C-103
DISTRIBUTION	1			Supersedes Old
SANTA FE		NEW MEXICO OIL CON	SERVATION COMMISSION	C-102 and C-103 Effective 1-i-65
FILE			•	
U.S.G.S.		asu 35-0	WELL FILE	5c. Indicate Type of Lease
LAND OFFICE		GCGT, 50		State X Fee
OPERATOR			30-005-00914	5. State Oil & Gas Lease No. B-8822
(DC NCT USE T	SUNDRY NOTIC	ES AND REPORTS OF	WELLS BACK TO A DIFFERENT RESERVOIR.	
I.	GAS OTHER-			7. Unit Agreement Name
veldon S.	Guest & I. J. Vol:	tson		8. Form or Lease Name Tre 15
3. Address of Operator				9, Well No.
c/o Oil Re	ports & Gas Servi	ces, Inc., Box 70	3. Hobbs, New Mexic	00 1
4. Location of Well				10. Field and Pool, or Wildcat
UNIT LETTER	660	FEET FROM THE South	LINE AND 1980	Caprock Queen
THE East	LINE, SECTION 35	TOWNSHIP 13	S RANGE 31 E	NMPM.
		15. Elevation (Show whethe	DF, RT, GR, etc.;	Chaves
16.	Check Appropris		Nature of Notice, Repor	t or Other Data
ľ	TOTICE OF INTENTION	10.	30836	EQUENT REPORT OF.
PERFORM HEMEDIAL NO	as [	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPUNAR LY ABANCON			COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OF ALTER CASING		CHANGE PLANS	CASING TEST AND CEMENT JOB	
			OTHER	
GTHER				
work; SEE RULE		learly state all pertinent de	tails, and give pertinent dates,	including estimated date of starting any proposed
5	will flow tookday	horahanda han har	10/12/73 as follow	753.0
	andaga werr braff	ou and commence	20/22/15 000 20220	
			capped with 3 saci	cs cement
	Shot & pulled 5 1/			
	potted plug from			
	spotted plug from			
			egulation marker.	
	10.1# mud (visc. 3			
	COTAL THEIR (ATRO-	S newgen art	Traffic t	

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

SIGNED Agent

DATE

10/16/73

# LEGACY RESERVES LP

FIELD:

Caprock

LEASE/UNIT:

**Drickey Queen Sand Unit** 

COUNTY: Chaves

DATE:

9-Jul-14

BY:

MWM

WELL: 350

STATE: New Mexico

Location: 660' FSL & 1980' FEL, Sec 35O, T13S, R31E

SPUD: 6/55 COMP: 6/55

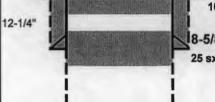
CURRENT STATUS: P&A Producer (10-73)

Original Well Name: Levick State #1

'KB = 4420'

GL = 4411'

API = 30-005-00914



10 sx cmt plug 30' - Surface

8-5/8" 24#/ft @ 305' w/ 185 sx, circ'd

25 sx cmt plug from 250' - 350'

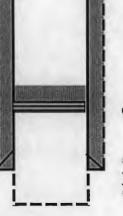
25 sx cmt plug from 1450' - 1550'

7-7/8"

25 sx cmt plug from 1940' - 2040'

Shot and pulled 5-1/2" csg from 2022'

Calc'd TOC @ 2512' w/enlargement = 15%, yld = 1.26 ft3/sk



CIBP set @ 3000' w/ 3 sx cmt plug on top

5-1/2" 14# @ 3071' w/125 sx

Top of Queen @ 3072':

Queen Open Hole: 3072' - 3092' (6-55)

PBTD - 3092' TD - 3092'

OPER OR'S COPY

Form 3160-5 (August 2007)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

5. Lease Serial No. NM120355

6. If Indian, Allottee or Tribe Name

#### SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an

abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit of CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on page 2. 1. Type of Well 8. Well Name and No. X Oil Well Gas Well Other Drickey Queen Sand Unit #904 2. Name of Operator 9. API Well No. 30-005-00913 Celero Energy II, LP 10. Field and Pool or Exploratory Area 3a. Address 3b. Phone No. (include area code) 400 W. Illinois, Ste. 1601 Midland TX 79701 (432)686-1883 Caprock; Queen Location of Well (Footage, Sec., T.,R.,M., or Survey Description) Sec 34 (I);T13S; R31E 11. Country or Parish, State Chaves MM 1980' FSL & 660' FEL 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Water Shut-Off Acidize Deepen Production (Start/Resume) Notice of Intent Well Integrity Alter Casing Fracture Treat Reclamation Casing Repair New Construction Other Recomplete X Subsequent Report . Change Plans X Plug and Abandon Temporarily Abandon Final Abandonment Notice Convert to Injection Plug Back Water Disposal 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) 1/30 - 2/3/12 POOH w/ rods. Latch onto 2 7/8" prod tbg & PU on pipe & WH & 5' section of 5 1/2" csg came w/ it. Load hole w/ 26 bbls PW. Tag TD @ 3028' (tally). Loggers TD @ 3028'. Circ 136 BPW. Pump 20 BFW ahead, pump 25 sx Class "C" cmt w/ 2% CaCl2. Displace w/ 15.5 bbls. Well started circ after 34 bbls in. Pulled up 1000'. Pumped 12 BPW & clear tbg. Tag plug @ 2983'. Had 45'plug. Pump 5 BFW spacer. Circ w/ 1 bbl gone, pump 25 sx Class "C" cmt w/ 2% CaCl2. Displace w/ 15 bbls. TOH 32 jts, circ & clear tbg. WOC 4 hrs. Mix 65 bbls 10.1# 35 VIS mud. TIH & tag plug @ 2741'. LD 1 jt. RIH w/ 2 7/8" gauge ring & tag @ 2680'. POOH. Cut off mud anchor (2675'). Circ 9.8# 33 VIS mud to 2200'. TOH w/ tbg to 2100'. RIH w/ strip shot & shoot 4 SPF @ 2150'. Lwr tbg to 2200'. Lead w/ 5 BFW. Pump 40 sx Class "C" cmt w/ 2% CaCl2. Displace w/ 15 bbls. Pull 992' tbg. Pump & clear tbg. Tag @ 2045'. Mix mud & circ 9.8# 33 vis mud to 1600'. TOH to 1400'. RIH w/ strip gun, btm tbg @ 1446'. Shoot 4 SPF @ 1545'. TIH w/ tbg to 1600'. Pump 3 BFW, establish circ, cmt w/ 40 sx Class "C" cmt w/ 2% CaCl2. Displace w/ 8 bbls. WOC 4 hrs. Tag @ 1455'. LD 3 jts tbg plugged. Unsuccessful attempt to pump plug out. RIH w/ jet cutter & C/O @ 1365'. LD 11 jts & TIH w/ jts to 1362'. Circ brine mud to surf. TOH to 175'. Shoot 4 SPF @ 260'. TIH to 299'. Pump 130 sx Class "C" cmt w/ 2% CaCl2 to surf. RD. Set P&A marker & reclaim location. Well is now P&A'd... 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lisa Hunt Title Regulatory Analyst Signature Date 02/10/2012 THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements Or representations as to any matter within its jurisdiction. AND THE PROPERTY OF THE PARTY O

Office

entitle the applicant to conduct operations thereon.

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would

ROSWELL FIELD OFFICE

MAR 0 6 2012

Title PETROLEUM ENGINEER

### LEGACY RESERVES LP DATE: 9-Jul-14 FIELD: Caprock BY: MWM LEASE/UNIT: **Drickey Queen Sand Unit** 904 WELL: COUNTY: Chaves STATE: **New Mexico** Location: 1980' FSL & 660' FEL, Sec 34I, T13S, R31E KB = 4423' SPUD: 5/55 COMP: 5/55 GL = 4419' API = 30-005-00913 **CURRENT STATUS: P&A** Original Well Name: Federal "V" #4 17-1/2" 13-3/8" 40#/ft @ 210' w/200 sx. Calc'd TOC at surface Perf(4) at 260', circulate 5-1/2" and 5-1/2"-by-13-3/8" annulus assumed | to 11" to with 130 sx from 299' to surface 1425' T-Anhy @ 1410' 7-7/8" T-Salt @ 1545' below B-Salt @ 2150' est T-Yates @ 2285' est T-Queen @ 3045' 1365 3-jts plugged 2-7/8" tubing Perf(4) @ 1545', spot 40 sx 1600'-1445' 2045 Perf(4) @ 2150', spot 40 sx 2200'-2050' Calc'd TOC @ 2594' w/enlargement = 15%; yld = 1.26 ft3/sk Mud anchor shot off and dropped Spotted 50 sx 3028'-2741' 5-1/2" 14# @ 3041' w/100 sx Top of Queen @ 3045': Queen Open Hole: 3045' - 3065' (5-55) PBTD - 3065' TD - 3065'

Form 3160-5 (August 2007)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR

OPERATI	OR'S	COPYFOR	M APPROVED
		, OF 4L	AT. 1004 017

OMB No. 1004-0137 Expires: July 31, 2010

BUREAU OF LAND MANAGEMENT  SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.  SUBMIT IN TRIPLICATE – Other instructions on page 2.  1. Type of Well  Oil Well  Gas Well  Other  2. Name of Operator  Celero Energy II, LP  3a. Address  3b. Phone No. (include area code)  400 W. Illinois, Ste. 1601 Midland TX 79701  4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)  1980' FSL & 1980' FEL  Sec 34, T13S, R31E (J)  12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF N		8. Well Name and No Drickey Quee 9. API Well No. 30-005-00912 de) 10. Field and Pool or Caprock; Quee 11. Country or Parish Chaves, NM	NM-120355 6. If Indian, Allottee or Tribe Name  7. If Unit of CA/Agreement, Name and/or No.  8. Well Name and No. Drickey Queen Sand Unit #903  9. API Well No. 30-005-00912  10. Field and Pool or Exploratory Area Caprock; Queen  11. Country or Parish, State Chaves, NM	
	CK THE APPROPRIATE BOX(ES) T			ER DATA
TYPE OF SUBMISSION  Notice of Intent	Acidize	TY Deepen Fracture Treat	PE OF ACTION  Production (Start/Resume)  Reclamation	Water Shut-Off Well Integrity
Subsequent Report  Final Abandonment Notice	Casing Repair	New Construction  Plug and Abandon  Plug Back	Recomplete Temporarily Abandon Water Disposal	Other
following completion of the involtesting has been completed. Fina determined that the site is ready ff 2/15 - 2/22/12  TIH. Tag @ 2850'. Pump stands 1260' to 1575'. TIH scraper. RIH w/ CIBP to 2 "C" cmt w/ 2% CaCl2. TIH pkr. Load hole & set @ 18 w/ 2% CaCl2. TIH w/ peri AD1 pkr. TIH to 1005'. Lo: 14.8# w/ 2% CaCl2. Displito 250'. Shoot 6 SPF. POI TIH w/ 10 jts & LD same.	work will be performed or provide the ved operations. If the operation results I Abandonment Notices must be filed of final inspection.)  40 BPW. Pump 40 sx Class I, no plug. TOH w/ perf sub, 735' & set. Tag plug. TIH, tall & tag @ 2562'. Circ mud to 120'. Could not pump into perf sub & bull plug. Tag @ 187' ad hole, set pkr, could not puace w/ 4 bbls mud. TOH & WH w/ WL. TIH w/ ADI pkr & 1 PU AD1 pkr & 1 PU AD1 pkr & set @ 31'. Mix OP. Cut off WH's. Set market	s in a multiple completionly after all requirements "C" cmt w/ 2% Coperf sub plugged g CIBP @ 2735'. 2000'. TOH w/ the fis. TIH to 2202'. 0'. Circ 50 bbls mump in perfs. Uns VOC. PU PS & Blit. Set @ 31'. Purk & pump 173 sx	an or recompletion in a new intervals, including reclamation, have been acted to the second state of the s	I, a Form 3160-4 must be filed once a completed and the operator has  3.5 bbls. TOH w/ 20 g @ 2772'. TOH w/ s. Pump 40 sx Class 60'. TIH w/ 5 ½" AD1 p 30 sx Class "C" cmt hoot 4 SPF. PU 5 ½" p 40 sx Class "C" cmt & circ mud. TOH. RIH s ½" x 13 3/8" annulus.
14. I hereby certify that the foregoing is	true and correct. Name (Printed/Typed)			
Lisa Hunt		Title Regula	atory Analyst	with the same of t
Signature Aua s	Hunt	Date 02/29/2	2012	
	THIS SPACE FOR F	EDERAL OR ST	ATE OFFICE USE	
Approved by  South  Conditions of approval, if any, are attached that the applicant holds legal or equitable	d. Approval of this notice does not warm	Title		Date MAR 0 8 2012
hat the applicant holds legal or equitable title to those rights in the subject lease which would ntitle the applicant to conduct operations thereon.		ROSWELL FIELD OFFICE		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

### LEGACY RESERVES LP DATE: 9-Jul-14 FIELD: Caprock BY: MWM LEASE/UNIT: **Drickey Queen Sand Unit** WELL: 903 COUNTY: Chaves STATE: **New Mexico** Location: 1980' FSL & 1980' FEL, Sec 34J, T13S, R31E KB = 4428'SPUD: 9/55 COMP: 9/55 GL = 4420' **CURRENT STATUS: P&A** API = 30-005-00912 Original Well Name: Federal "V" #3 17-1/2" 13-3/8", 44# @ 200' w/225 sx-calc'd TOC at surface assumed Perf(6) at 250', fill 5-1/2" and 5-1/2"-by-13-3/8' annulus to to surface w/173 sx w/packer at 31'. T-Anhy @ 1420' 11" at T-Salt @ 1510' 1421' B-Salt @ 2150' 7-7/8" T-Yates @ 2285' est. below T-Queen @ 3040' 1193' Perf (4) at 1420', spot 40 sx at 1508', tag at 1193' 1508' 1870 Perf(4) at 2150', packer squeeze 30 sx, tag at 1870' 2562' No cement at CBL TD of 2600' CIBP at 2735'-cap w/40 sx, tag at 2562' Spot 40 sx below CIBP-failed to tag Probable holes in casing at 2640'-2749'(Log TD) Tubing/Packer(?) at or below top of fish at 2881'. 5-1/2", 14# @ 3038' w/100 sx Top of Queen @ 3040': Queen Open Hole: 3040' - 3061' (9-55) PBTD -TD - 3061'

Form 3160-5 (March 2012)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2014

5. Lease Serial No. NM-03927

	and the second second second second				NM-03927		
Do not use this	NOTICES AND REPO form for proposals to Use Form 3160-3 (AF	drill or to	re-enter a	an	6. If Indian, Allottee	or Tribe Name	
SUBM	IT IN TRIPLICATE - Other i	nstructions or	n page 2.		7. If Unit of CA/Agr	eement, Name and/or No.	
I. Type of Well			7-3-		Drickey Quee	en Sand Unit	
Oil Well Gas	Well X Other				8. Well Name and No	o. en Sand Unit #15	
2. Name of Operator	WWW.				9. API Well No.		
Celero Energy II, LP		N. Di. N.	0 1 1		30-005-00896		
3a. Address			(include area c	code)	10. Field and Pool or		
400 W. Illinois, Ste. 1601		(432)6	886-1883		Caprock; Que		
<ol> <li>Location of Well (Footage, Sec., T. 660' FSL &amp; 660' FEL UL: P, Sec 33, T13S, R31</li> </ol>					Chaves	NM	
12. CHE	CK THE APPROPRIATE BOX	K(ES) TO IND	ICATE NATU	RE OF NOTICE	E, REPORT OR OTH	HER DATA	
TYPE OF SUBMISSION			Т	YPE OF ACTION	ON	at the state of th	
	Acidize	Deep	en	Produ	ction (Start/Resume)	Water Shut-Off	
Notice of Intent	Alter Casing		ure Treat		mation	Well Integrity	
X Subsequent Report	Casing Repair	☐ New	Construction	Recon	plete	Other	
X Subsequent report	Change Plans	X Plug	and Abandon	Tempo	orarily Abandon		
Final Abandonment Notice	Convert to Injection	Plug	Back	☐ Water	Disposal		
6/19/12 - TIH OE TO 2753 6/20/12 - TIH & TAG @ 23 BBLS 25# PER BBL LCM 6/21/12 - TIH & TAG @ 23 WOC. TIH & TAG @ 274 6/22/12 - TIH & TAG @ 23 1706'. LOAD HOLE & PR SX CL "C". DISP W/ 6 BE 1315'.	785'. PUMP 50 SX CL 'PILL. TOH 10 STDS & 760'. TIH TO 2688', LE 0'. PUMP 50 SX CL "0592'. PUMP 40 SX CL 368'. CIRC MUD TO 18ESSURE UP TO 2000	"C". WOC WOP. PU AD W/ 10 I C". DISP V "C". DISP 965' & TOI #, COULD I & TAG @	TIH W/ PUMP 50 SX BBLS MUDW 6 BBLS. W/ 8 BBLS H. SHOOT NOT PUMW 1691'. CIF	PS & BP & T CCL "C". D O & CMT WA S. TOH & V F 6 SPF @ 1	AG @ SAME S ISP W/ 6 BBLS 7 50 SX CL "C". NOC. 1965'. P/U 5 1 RFS. LWR TB D 1315' & TOH.	DISP W/6 BBLS.	HIS
* Continued on attached s	heet ENDING_	DEC 2	9 2012	Alli Est	ere)	IS RETAINED UNTIL SURFACE RESTOR	
14. I hereby certify that the foregoing is	true and correct. Name (Printed)	Typed)					
Lisa Hunt			Title Regu	latory Analy	/st		
Signature Lusa =	Hust		Date 07/09/	/2012			
	THIS SPACE F	OR FEDE	RAL OR S	TATE OFF	ICE USE		
Approved by Barrid R.	Ellass			ROLEUM E	NGINEER	JUL 10 2012	
Conditions of approval, if any, are attach that the applicant holds legal or equitable entitle the applicant to conduct operation	title to those rights in the subject						

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

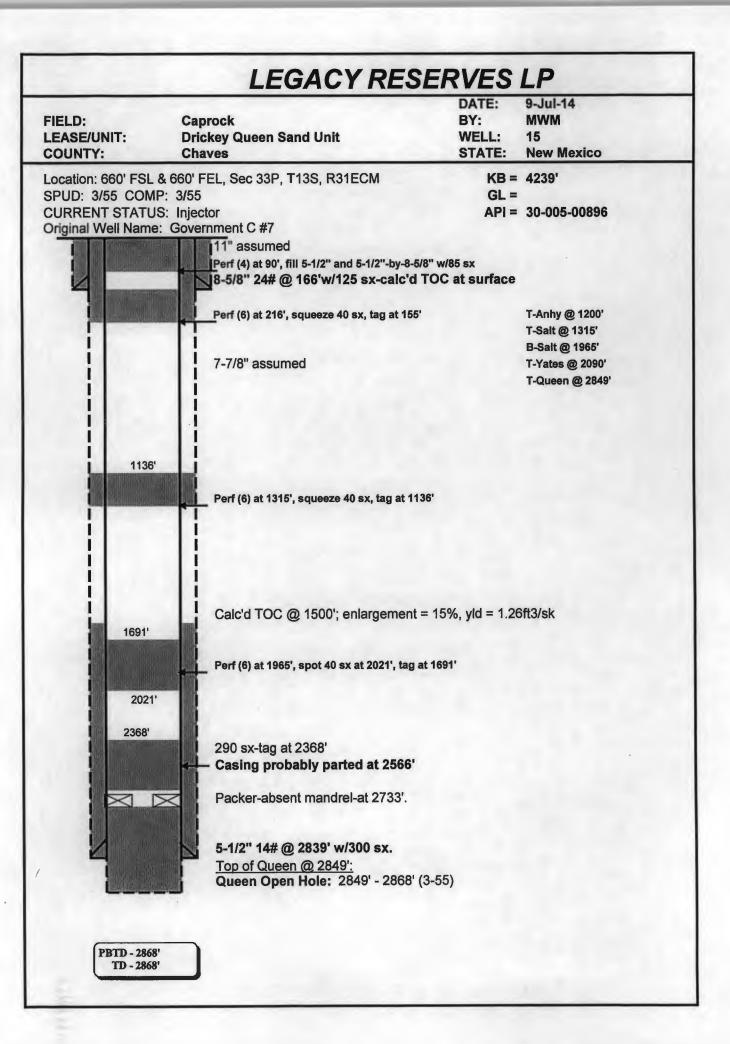
#### DRICKEY QUEEN SAND UNIT #15 - SUNDRY CONTINUED

6/26/12 - P/U 5 1/2" AD-1 PKR. TIH TO 1009', LOAD HOLE, SET PKR & ESTB INJ RATE OF 1.5 BPM @ 450#. SQZ 40 SX CL "C", DISP W/ 6 BBLS MUD. WOC. TOH W/ PKR & TIH W/ PS & BP, TAG @ 1136'. CIRC MUD TO SURF.

6/27/12 - SHOOT 6 SPF @ 216'. TIH W/ OE TBG TO 281', STARTED TO CIRC 8 5/8" X 5 1/2" BUT LOST CIRC. TOH. SET PKR, SQZ 40 SX CL "C". DISP W/ 2 BBLS. WOC. TIH W/ TBG & TAG @ 155'.

6/28/12 - SHOOT 4 SPF @ 90'. TIH W/ TBG TO 123' & ESTB CIRC ON 8 5/8" X 5 1/2". PUMP 85 SX CL "C". FILL 8 5/8" X 5 1/2" & 5 1/2" CSG TO SURF. LD TBG. NDBOP & TOP OFF 5 1/2" CSG.

6/29/12 - SET MARKER & RECLAIM LOCATION. WELL NOW P&A'D.



# Well and Notice Remarks

Det Number 96AIR0537A	Dog. Type WELL	Case)	Number 1935X	7)p± 318220	Nam ORICKI	EY QUEEN BAND UNIT
API 300050091 (0081	DRICKEY	ell Name QUEEN SAND UNIT	B02 Numi	iler	Operal CELERO EN	ergy H LP
Dog Number	Date	Anthor			Subject	, Colomon
11RJ\$02348 10DGB123S	03/18/2011 07/16/2010	RUBEN SANCHEZ DAVID GLASS			OTHER UPD	APPROVAL APPROVAL GENERAL
RV Pl	05/28/2010 02/11/2010	CEORGE "EDDIE"	FITZPATRICK		INSP	GENERAL
09LA0024S 09DG0333S	10/01/2008 03/07/2008 02/08/2006	DAVID GLACE			UPD	APPROVAL APPROVAL
,08DG0082S ,96AJR0537A 05004SM050 06004SM050	04/20/2004	DAVID GLASS STAN MAYO STAN MAYO		Manager Manage	WELL INC	APPROVAL MAINT FOLLOWUP
06004SM050 04AL0010S	04/20/2004 01/08/2004	STAN MAYO STAN MAYO ARMANDO LOPEZ STAN MAYO STAN MAYO STAN MAYO STAN MAYO			INC ABD INSP	GENERAL ENGINEER
06004SM010 06004SM010	12/15/2003 12/04/2003 12/04/2003	STAN MAYO STAN MAYO		,	INSP INC INC	GENERAL FOLLOWUP
PI 086995M003	12/04/2003 10/16/1998 10/08/1995	Slan Mayo Slan Mayo Slan Mayo			INSP	GENERAL INSP GENERAL
PI - 066985M023 056985M11 .	10/08/1993 04/15/1998 03/10/1893 11/05/1897				INC INSP INC	INSP GENERAL
the on	05/29/1996 05/29/1996	Sign Mayo S MAYO S MAYO S MAYO S MAYO S MAYO S MAYO S MAYO			INC INSP	GENERAL
PH PH PA PH PH PH PH PA PA	05/28/1995	S MAYO S MAYO			INSP INSP INSP INSP	INSP INSP
PH PH	11/30/1995 02/17/1995 02/17/1995	S MAYO S MAYO			INSP	INSP
PA PA	02/17/1995 05/27/1992 03/18/1992	S MAYO L STOUT J HOGWOOD			insp insp insp	INSP
99LN0101S 95AIR0537A	03/02/1955	lauise nokes AIRS Well Conversion	ń.		DISPOSE WELL	APPROVAL GENERAL
Category . MAINT	' .	Date 05/25/2004	"		/	oritation.
	FL. SET TBg.	TOP OF HOLE 4 1/2 Csg FEAD OF 6 1/2 ) WITH 2 1040 TO 3059 (10 Fb), G AT 3026 Ft TO SET 1st F WITH 11.4 Bb/s PU	INSTEAD OF S (A 3/8 TUBING AS Y O IN HOLE WITH PLUG, BATCH M LL UP HOLE AND	/2 SO ALL WA WORK STRING I TING TO TAG IXED 26 SK PL D WAIT AND T	TER, MUD, & C 3. RECORDS & BOTTOM - TA UG. PUMPED AG IN THE AM	EMENT FIGURED ON SHOW OPEN HOLE G BOTTOM AT 3046 AND DISPLACED
		OLE WITH THE TOO DID				
	IN EA	CH OF THE WELLS TO.	PLUG IN A SERIE	S, I CALLED	ALEXIS SWOB	ODA, Eng.
	SAND A	T LEAST 50 FT ABOVE T	HE TOP PERFO	OR 50 FT ABOV	ETHE TOP OF	THE OPEN
	. WITH	POTTING AT LEAST 100	PROBLEM PROBLEM WN UNTIL THE C LOCATION	IG ON TOP O M COMPANY CO N.	F THE SAND. S ULD GET THE	SAND ON
	5-19-04 WHEN OF	H LOCATION CREW WA	S POURING BAI	ND DOWN TH	E CASING. US AT 2990 Ft), T	ED 15 8ks. TAĞGED AG WAWIRELINE
		UNNING TOD. TAG TOP T TALLEY SHOWS END				
	CLEAN (SHOU FRESH WATER TAG, HAD TO	LO LOAD 48 Bbls), PUM L. BATCH MIX 18 SK PLU WAIT UNTIL MONDAY	JG AND SPOT, F 5-24-04 TO STAF	AT TOP OF PULL OUT OF	OLE. SHUT DO	OWN TO WAIT ON WAIT TILL THE AM WAS TO WET TO
			. WYO THE W	JELL .		
	WHEN THE	TOP TO PLUG 2748 Ft. TUBING IS LAID DOWN	TO GO.	LUNG UNIT O	PERATOR IS G	OING INTO THE
	. 6-14-04 Banny G	TUBING IS LAÌD DOWN IL WHEN HE RETURNS RAYBON (pumper) CALLED	WANTED TO K	OW IF BILLY	lup again on Morris Got	THIS WELL. FAR ENOUG ALONG
		K IF M. MORRIS COULD				
		LY MORRIS WAS OUT	OF THE HOSPITA			
	0900 BILLY	THE TUBI 6- MORRIS SAID THAT HE 03- 03-2105 (88 Hz Y 31-210)	NG SET TO RUN 15-04-0558 LEF SHOT THE 4 17 ON 8-14-0	THE NEXT P TOFFICE. 2 @ 2064', LC	LUG. CATED A COL	LAR. HE SHOT
		1130 RIG UP	TO TRY AND BE	REAK CIRCULA	ATION.	
	125 130 1315 B	1130 RIG UP 1140 LOAI 10 CLOSE BOP & BACK 10 PUMP 3 8bis MUD INT LATCH MIXING 20 SK PL 1407 PLUG PL 1411 START OUT OF HI 0335 START IN HI 03915 TAG AT 18 1020 OUT OF HOLE 1151 FOUND C 1152 CONIN	SIDE VALVE TO S TO SHOT HOLE N .UG. TO SQUEE JMPED 20 SK 8; OLE WITH TUSIN	SQUEEZE CE YO PRESSUR ZE AND SPOT 1866 DISPLA YO TAG IN T	MENT OUT THE E SHOWN ON A PLUG FROM S CEMENT HE A M. OF SA	E 4 1/2. BAUGE 1108 • 2005
		0939 START IN HO	0-17-04 OLE TO TAG PLU	GTHAT WAS	SET 8-16-04	
		0915 TAG AT 19	OF HOLE WITH	MENT LEFT IN	THE 4 1/2, OT AT 1325 Ft.	
		1161 FOUND C	OLLAR AT 1339 I	FI. INSTEAD C	F 1325 FI. HOLE	
•	1300 ST	ART IN HOLE TO 1389 F	t. 5.4 Bbls OF DI 3.15 BbLs MIX V	SPLACEMEN WATER	7 21 SKS 6.3 X	21 = 1323 =
		1340 81A	BATCH MIXING	21 Sk PLUG	LUG ,	
•	140	1340 STA 1343 96 CLOSED BACKSIDE	1405 HOLE LO VALVE, START S	ADED	HOT HOLE O	1339 Ft -
		1410 CEMEN 1412 CEME 1421 START OUT	NT PUMPED, STA	ART DISPLAC SKS IN 10 SK	EMENT S OUT	
	nos					410
	. BILLY	S TAG TOP OF CEMEN MORRIS CALLED SHOT	OUTSIDE THE	5 Ft. PUMPE 4 1/2	0 40 Bbis FRES	HWATER .
	DIDN'T	BREAK CIRCULATION.	CEMENT IN A.M. 8-19-04	THE	r. WILL TAG T	HE TOP OF
	1028 TA	30 Tubing was at 310 AG Top of Cement 14	2 Ft. WHEN SQUE	EZED THE SI	HOT HOLE AT : MENT INSIDE 4	265 Ft. 1/2 . WILL
	1523 Mr. MOR	80 FI. AND CIRCULATE RIS CALLED GOT CEME	CEMENT TO SURFACE	RFACE ON BO E ON BOTH B	OTH SIDES OF ETWEEN THE	4 1/2 13 3/8 in AND THE

# LEGACY RESERVES LP

DATE: 9-Jul-14 FIELD: Caprock BY: MWM LEASE/UNIT: Federal 'V' WELL: COUNTY: Chaves STATE: **New Mexico** Location: 660' FSL & 1980' FEL, Sec 340, T13S, R31E KB = 4426'GL = SPUD: 2/55 COMP: 3/55 API = 30-005-00911 **CURRENT STATUS: P&A Producer** Original Well Name: Federal "V" #2 Perf @ 90', fill 4-1/2" and 4-1/2"-by-13-3/8" to surface. 17-1/2" | 13-3/8" 44#/ft @ 210' w/225 sx, calc'd TOC at surface assumed Perf @ 255', pump 80 sx w/ tbg at 310', tag at 142' to 11" to 1420' 7-7/8" below 1259' Perf @ 1339', spot 20 sx at 1389', tag at 1259' 1957' Perf @ 2054', spot 20 sx at 2108', tag at 1957' Calc'd TOC @ 2666' w/enlargement=15%, yld=1.26 ft3/sk (if 4-1/2" casing) 2745' Spot 19 sx at 2905', tag at 2745' Dump 15 sx sand, tag at 2935' Spot 25 sx at 3026', no tag. 5-1/2" 14# @ 3040' w/100 sx-REPORTED (found 4-1/2" during 2004 P&A) Top of Queen @ 3043': Queen Open Hole: 3043' - 3059' (3-55) PBTD - 3059' TD - 3059'

Form 3160-5 (August 2007)

#### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

OPERATOR'S COPY

FORM APPROVED OMB No. 1004-0137

Expires: July 31, 2010

5. Lease Serial No. NM-120355

6. If Indian, Allottee or Tribe Name

#### Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit of CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on page 2. 1. Type of Well **Drickey Queen Sand Unit** 8. Well Name and No. Oil Well Gas Well Y Other Drickey Queen Sand Unit #901 2. Name of Operator 9. API Well No. Celero Energy II, LP 30-005-00910 3a. Address 3b. Phone No. (include area code) 10. Field and Pool or Exploratory Area 400 W. Illinois, Ste. 1601 Midland TX 79701 (432)686-1883 Caprock; Queen 4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) 660' FSL & 660' FEL 11. Country or Parish, State Chaves, NM Sec 34, T13S, R31E (P) 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Deepen Production (Start/Resume) Water Shut-Off Notice of Intent Fracture Treat Reclamation Well Integrity Alter Casing Casing Repair New Construction Recomplete Other X Subsequent Report Change Plans X Plug and Abandon Temporarily Abandon Final Abandonment Notice Convert to Injection Plug Back Water Disposal 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) 2/6/12 - NDWH & NUBOP. PU 78 jts 2 3/8" WS & tag @ 2464'. Pumped 50 BPW, hole did not load. Pump 70 sx Class "C" cmt w/ 2% CaCl2. Displace w/ 6.5 bbls. Pull 40 jts up to 1204'. 2/7/12 - TIH to tag cmt, did not tag. Pump 40 sx Class "C" cmt w/ 2% CaCl2. Displace w/ 5 bbls. TOH to 1206' & WOC 6 hrs. RIH w/ WL to tag plug, tag @ 2550'. Pump 40 sx Class "C" cmt w/ 2% CaCl2. Displace w/ 4 bbls. TOH 20 stds to 1206'. 2/8/12 - RIH w/ WL & tag @ 2108'. TIH w/ tbg, did not tag plug. Pumped 40 BPW, hole did not load. TOH w/ tbg & PU 4 1/2" scraper. TIH to 2464 w/ no problems. TOH w/ scraper & PU 5 1/2" CIBP. TIH w/ same. Set CIBP @ 2460'. Get off CIBP & circ well. Well circ @ 30 bbls. Pump 25 sx 15# Class "C" cmt w/ 2% CaCl2. Displace w/ 8 bbls. Plug down @ 12:15 pm. TOH w/ tbg & WOC for 4 hrs. TIH & tag plug @ 2240'. Circ 9.9# mud to 2200'. TOH w/ tbg.

tag plug. Hit cmt @ 1870', but was still soft. Pulled up 10 stands & rev tbg clear. \*Continued on attached sheet 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lisa Hunt Title Regulatory Analyst Date 02/29/2012 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by MAR 0 8 2012 PETROLEUM ENGINEER

2/9/12 - RIH w/ WL to 2050' & shoot 4 SPF in 5 1/2" csg. POH w/ WL & PU 5 1/2" pkr. TIH to 1707', load hole w/ 1 bbl. Set pkr & attempt to establish inj rate. Pumped into it @ 1 BPM, but formation held 800#. Lower tbg to 2116'. Pump 25 sx 14.8# Class "C" cmt w/ 2% CaCl2. Displace w/ 6.5 bbls mud. Plug down @ 1030'. TOH w/ pkr & WOC 4 hrs. TIH to

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

ROSWELL FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Office

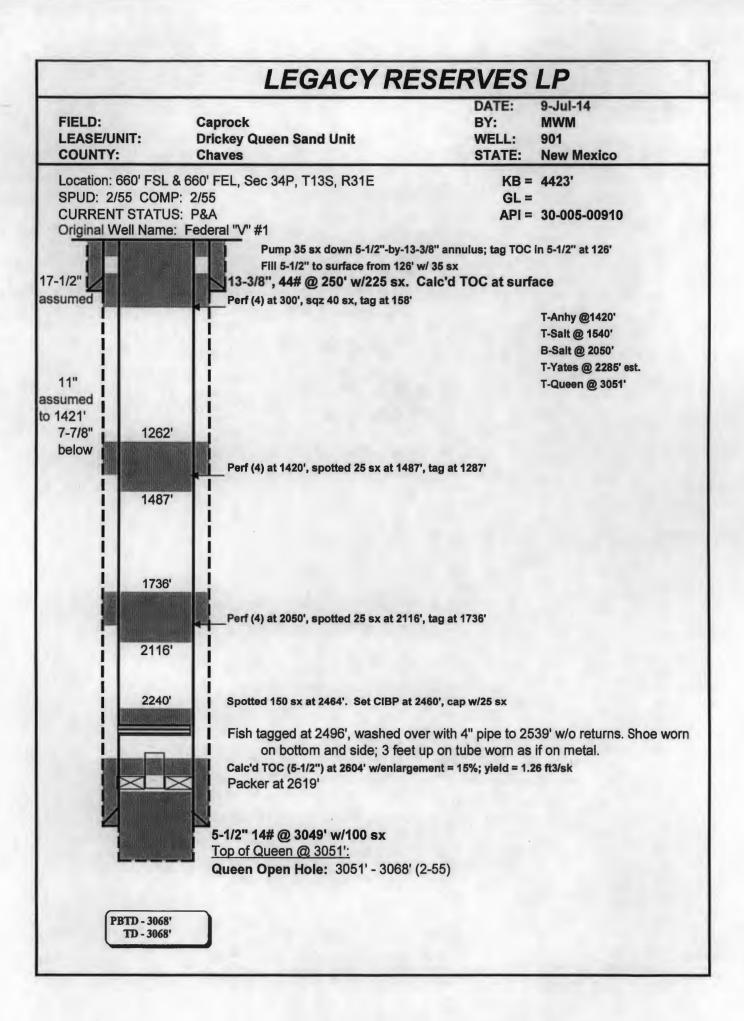
#### Drickey Queen Sand Unit #901 - Sundry continued

2/10/12 - TIH & tag plug @ 1736'. Pump 20 bbls mud. TOH w/ tbg. RIH w/ strip gun to 1420' & shoot 4 SPF. PU 5 ½" AD1 pkr. TIH to 1072', could not pump into perfs. TIH 13 jts to 1487'. Pump 25 sx Class "C" w/ 2% CaCl2. Displace w/ 4 bbls, TOH. WOC 4 hrs. Cmt too soft, could not tag.

2/13/12 - TIH w/ perf sub & bull plug. Tag @ 1262'. TOH. RIH w/ WL, shoot 4 SPF @ 300'. Tried to circ 5 ½" x 13 3/8" annulus, would not circ. TOH. PU 5 ½" pkr. TIH to 60', set pkr. Pump 40 sx Class "C" cmt w/ 2% CaCl2. Displace w/ 4 bbls mud.

2/14/12 - Unset pkr & LD same. TIH w/ perf sub & bull plug. Tag @ 158'. RU WL & shoot 4 SPF @ 60'. POH w/ WL. PU pkr & set @ 20'. Pump down tbg w/ 40 bbls, no returns on 5 ½" x 13 3/8" annulus. Pump 30 bbls down 13 3/8", got circ on outside & fill cellar. Pump 20 bbls down tbg w/ no returns in cellar. Unset pkr, pull & LD same. Hook up to 13 3/8" & pump 35 sx Class "C" cmt w/ 3% CaCl2. Fill cellar w/ 2' cmt. SD & WOC 3 hrs. Pressured up on 13 3/8" to 100#. Shut blinds & pumped into perfs @ 60' w/ 200# @ 1.5 BPM. RIH w/ 4 jts, tag @ 126'. Pump 35 sx Class "C" cmt w/ 2% CaCl2, filled 5 ½" csg. LD 3 jts, hook up & top off csg. LD 1 jt, NDBOP, hole full w/ cmt. Pumped total of 5 bbls, 3 bbls in pipe, 2 bbls in perfs.

2/15/12 - Dig out cellar & cut off WH's. Set marker & reclaim location. Well is now P&A'd.



Dasy 3A

•	N M A	- :: U&S4 371
Form 9-331	UNIT STATES SUBMIT IN	TRIPLIC/ Form approved. Budget Bureau No. 42-R1424.
(May 1963)	DEPARTMENT OF THE INTERIOR (Other instru	Budget Buress No. 42-R1424.  5. LEASE DESIGNATION AND SERIAL NO.
	GEOLOGICAL SURVEY	LC 968474
	SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	ot use this form for proposals to drill or to deepen or plug back to a different in Use "APPLICATION FOR PERMIT" for such proposals.)	reservoir.
OIL K	GAB	7. UNIT AGREEMENT NAME
2. NAME OF O	WELL OTHER PERATOR	S. PARM OR LEASE NAME
	ies Service OII Company	Tract 6
3. ADDRESS OF	69, Hebbs, New Mexico	9. WELL NO.
4. LOCATION O	OF WELL (Report location clearly and in accordance with any State requirements, acc 17 below.)	
At surface		Caprock Queen
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
	3-T145-R31E Chaves County, New Mexico	Sec. 3-1145-RSIE
14. PERMIT NO.		12. COUNTY OR PARISH 13. STATE
	4425 OF	Chaves New Mexico
16.	Check Appropriate Box To Indicate Nature of Notice	
	NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF
TEST WAT	THE SHUT-OFF PULL OR ALTER CASING WATER SHUT- TREAT NULTIPLE COMPLETE FRACTURE T	
SHOOT OR		
REPAIR WI		: Report results of multiple completion on Well
(Other)	Comple	etion or Recompletion Report and Log form.) :
proposed	ROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give it work. If well is directionally drilled, give subsurface locations and measured this work.)*	and true vertical depths for all markers and some perti-
	•	
Ma	propose to plug and abandon the above well in t	he following manner:
1.	Set C1 bridge plug in casing just above open	hole. (51" set @-3045 w/300 sks)
2	Can de cash campa also an an an af halds a short	
2.	Set 25 sack cement plug on top of bridge plug	
3.	Load hole with mud laden fluid.	ARATE AREA
4.	Set 10 sack cement surface plug with a 4" dry	
.40	are to seek comput surraces bind with a 4., div	- Hole marker.
5.	Clean location of all debris and equipment.	
		RE
		RECEIVE
	le .	MAY 8 1970 TESIA, NEW MEXICO
	Ap	GEO/00 1970
	adi	ESIA MEGAL MAN
	RECEIVED	TESIA, NEW MEXICO
18. I hereby co	ertify that the foregoing is true and correct	
SIGNED	DANGE I YAM TITLE District Admin	Supervisor DATE 5/4/76
(This space	Statile Manual	
Law opac	The Annual Property of the Pro	
- GOLDAN	WE DE APPROVAT. IF ANY:	DATE
A	1237 hu	· · · · · · · · · · · · · · · · · · ·
1	Dull	
1	*See Instructions on Reverse Sid	0

# LEGACY RESERVES LP

FIELD:

Caprock

LEASE/UNIT: COUNTY:

**Drickey Queen Sand Unit** 

Chaves

DATE:

9-Jul-14

BY:

**MWM** 

WELL: 3A

STATE: **New Mexico** 

Location: 665' FNL & 660' FEL, Sec 3A, T14S, R31E

SPUD: 11/54 COMP: 12/54

CURRENT STATUS: P&A Producer (6-70)

Original Well Name: Cities Services, Government B #22

KB = 4425'

GL =

API = 30-005-00975

Cmt plug @ 30' - surface 11" assumed 8-5/8" 22.7#/ft @ 291' w/ 150 sx cmt-circ'd

7-7/8" assumed

T-Anhy @ 1337'-est T-Salt @ 1500'-est B-Salt @

T-Yates @ 2260' T-Queen @ 3059'

Calc'd TOC at 1745' w/enlargement = 15%, yld = 1.26 ft3/sk

25 sx cmt plug @ 2705' - 2925' on top CIBP set @ 2925'

5-1/2" 14# 8R @ 3045' w/300 sx

Top of Queen @ 3060':

Queen: 3060' - 3074' (12-54)

PBTD - 3074' TD - 3074'

Dasy Zor

TRIBUTION	NEW MEXICO OIL CONSER	VATION COMMISSION	Form C-103 Supersedes Old C-102 and C-103 Effective 1-1-65
U.S.G.S.			5a. Indicate Type of Lease State Fee.
OPERATOR	4		5, State Oil & Gas Lease No.
OFERATOR	30-01	05-00857	B-6401
SUNDF (DO NOT USE THIS FORM FOR PRI USE "APPLICAT	RY NOTICES AND REPORTS ON WE		
OIL GAS WELL	OTHER- P&A		7. Unit Agreement Name
Weldon 8. Guest & I.	J. Wolfson		Queen Sand Unit Tr 38
o/o Oil Reports & G.s	Service, Inc., Box 763, Hot	obs, liew Next.co	9. Well No.
. Location of Well UNIT LETTER D	664.75 North	660	10. Field and Pool, or Wildcat  Caprock Queen
THE WOST LINE, SECTI	2 14 8	RANGE 31 B	
	15. Elevation (Show whether DF, 4417 GR		12. County Chaves
OTHER	perations (Clearly state all pertinent details,	OTHER RECEIVED & SO.	
Spotted 100' Spotted 100' Set 10 sack	and shot off 5 1/2" casing plug 900 to 1000 with 30 plug 250 to 350 with 30 plug at surface with regulation. 32) between all plugs to 10/31/73.	sacks. acks. ation marker.	
		1.7	
8. I hereby certify that the information	a above is true and complete to the best of m	y knowledge end belief.	11/5/73

NO. OF COPIES RECEIV					Form C-103 Supersedes C	nta
DISTRIBUTION					C-102 and C-	103
SANTA FE		NEW MEXICO OI	L CONSERVATION C	COMMISSION	Effective 1-1-	-65
J.S.G.S.					Sa. Indicate Type	e of Lease
LAND OFFICE					State X	Fee.
OPERATOR					5, State Oil & Go	is Lease No.
2. 2					E-6401	
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					7. Unit Agreemen	nt Name
WELL .	WELL	OTHER- Water Inje	ection		D.Q.S.U	
Name of Operator	:				8. Farm or Leas	•
Cities	Service Oil	Company			Tract 3	8
Address of Operator					9. Well No.	
Box 69	- Hobbs, New	Mex1 co 88240			4	
Location of Well					10. Field and Pa	
UNIT LETTER	D . 664.	75 PEET FROM THE NO	orth LINE AND	660 FEET PA	Caprock	Queen
			41.4	-1-		
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mmm	mmm	15. Elevation (Show	autotes DE PT CP	ete 1	12. County	
				566.)	Chaves	
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PULL OR ALTER CASING		CHANGE PLANS	COMMENCE D	RILLING OPNS.	PLUG	AND ABANDONMENT D
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# LEGACY RESERVES LP DATE: 9-Jul-14 FIELD: Caprock BY: **MWM** LEASE/UNIT: **Drickey Queen Sand Unit** WELL: 2D COUNTY: Chaves STATE: **New Mexico** Location: 665' FNL & 660' FWL, Sec 2D, T14S, R31E KB = 4,422'SPUD: 1/55 COMP: 1/55 GL = 4,415' CURRENT STATUS: P&A (6-70, 10-73) API = 30-005-00952 Original Well Name: Cities Service, State 'AN' #4 10 sx cmt plug @ surface 8-5/8" 22.7#/ft @ 292' w/150 sx, circ'd 7-7/8" hole Spot 30 sx 350'-250' T-Anhy @ 1405' T-Salt @ 1567' est B-Salt @ 2132' est T-Yates @ 2297' T-Queen @ 3067' Spot 30 sx at 1008'-908' C&P 5-1/2" at 908' Calc'd TOC at 1720' w/enlargement = 15%, yld = 1.26 ft3/sk 2777' CIBP @ 2997' w/ 25 sx cmt plug 5-1/2" 14# @ 3060' w/300 sx Top of Queen @ 3067': Queen Open Hole: 3067' - 3055' (1-55) PBTD - 3065' TD - 3065'

DO ST THE MEDICAL DISTRIBUTION  TO PERCENT ALL DISTRIBUTION  TO PERCENT DISTRIBUTION  TO PERCENT DISTRIBUTION  TO PERCENT DISTRIBUTION  DO SUPERATION  DO SUPERATION  SUNDEY NOTICES AND REPORTS ON WELLS  DO NOT USE THIS PERCENT OF THE MEDICAL PROPERTY ON WELLS  DO NOT USE THIS PERCENT OF THE MEDICAL PROPERTY ON WELLS  DO NOT USE THIS PERCENT OF THE MEDICAL PROPERTY ON WELLS  TO DO NOT USE THIS PERCENT OF THE MEDICAL PROPERTY ON WELLS  TO DO NOT USE THIS PERCENT OF THE MEDICAL PROPERTY ON WELLS  TO DO NOT USE THIS PERCENT OF THE MEDICAL PROPERTY ON WELLS  TO DO NOT USE THIS PERCENT OF THE MEDICAL PROPERTY ON WELLS  TO DO NOT USE THIS PERCENT OF THE MEDICAL PROPERTY ON WELLS  TO DO NOT USE THIS PERCENT ON THE MEDICAL PROPERTY ON WELLS  TO DO NOT USE THIS PERCENT ON THE MEDICAL PROPERTY ON WELLS  TO DO NOT USE THIS PERCENT ON THE MEDICAL PROPERTY ON WELLS  TO DO NOT USE THIS PERCENT ON THE MEDICAL PROPERTY OF THE PRO			
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Well-On S. Guest & I. J. Wolfon    Malean of Operator   Well-On S. Guest & I. J. Wolfon   Altered Operator	1.	antick for the state of the sta	7. Unit Agreement Name
2. None of Operator  Weldon S. Cuest & I. J. Wolfon  3. Address of Operator  e/o 211 Reports & Cas Services, Inc., Box 763, Hebbs, New Mancio  1. Location of Well  UNIT LETTER C 330  rect from the North  Line, section 2 rowsenip 14.8 names 1650  rect from  No Tile Operator  Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK  TELEFORM TREMEDIAL WORK  CHARGE PLANS  CHARGE PLANS  CHARGE PLANS  Subject well plugged and abandoned 1/20/74 as follows:  Shot 7* casing e 575* and pulled.  Spotted plug from \$20* to 620* with 65 sacks  Spotted plug from \$20* to 620* with 65 sacks  Spotted plug from \$20* to 620* with 65 sacks  Spotted plug from \$20* to 620* with 65 sacks  Spotted plug at surface with regulation marker.  Location cleared and leveled and ready for inspection.  10. Thereby certify that the information above is true and complete to the best of my knowledge and ballof.  NOTICE  ONTE BLANK AND		OTHER- P&A	
Medicon 5. Guest & I. J. Wolfson  1. Address of Oth Reports & Gas Services, Inc., Bex 763, Hebbs, New Mexicio  1. Location of Well  UNIT LETTER C  1. 330  FEET FROM THE North Line AND 1650  THE West Line, Section 2 Township 14.8 Annee 31 B HAPPM  15. Elevention (Show whether DF, RAT. CR. sec.)  12. County  14.13 DF  Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO:  FEATORM REMEDIAL WORK  THAMPORABLY ASANDON  FULL ON ATER CASING  CHAMES FLANS  CHA	2. Name of Operator		8. Farm or Lease Name
3. Address of Operator & Gas Services, Inc., Box 763, Hobbs, New Mexico 4. Location of Well  UNIT LETTER C 330  FEET FROM THE North Line and 1650  THE LINE, SECTION 2 TOWNSHIP 14.8 SAMES 11 E NAPPOR CONTROLL OF HITELESS AND ADDRESS AN	Welden S. Guest & I.	J. Wolfson	
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UNIT LETTER C . 330  THE West LINE, SECTION 2 TOWNSHIP LINE AND 11.5. Elevation (Show whether DF, RT, GR, etc.)  LOCAL APPROPRIATE BOX TO Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:  SUBSEQUENT REPORT OF:  TEMPORABILY ANNOON PILLS AND ANABOUND CHANGE PLANS OVERLY JOB O	4. Location of Well	me ner arrest rucet per (0) mannet west vericito	10 Field and Pool, or Wildest
THE LINE, SECTION 2 TOWNSHIP 14.5 NAME 31 E NAME    12. County   12. C		220 Venth 1/20	
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Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK PLUS AND ABANDON PULL OR ALTERING CASING  OTHER  OTHER  OTHER  17. Describe Proposed or Completed Operations (Clearly state all pertinent destils, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.  Subject well plugged and abandoned 1/20/74 as follows:  Shot 7" casing 6 575' and pulled.  Spotted plug from 520' to 620' with 65 sacks Spotted plug from 210' to 310' with 65 sacks Spotted plug at surface with regulation marker.  Location cleared and leveled and ready for inspection.	mmmmmm	THE STANDARD COLOR WAS A DE DE CE	dinnini di
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OTHER  OT	PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
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 1903.  Subject well plugged and abandoned 1/20/74 as follows:  Shot 7" casing 6 575' and pulled.  Spotted plug from 520' to 620' with 65 sacks Spotted plug from 210' to 310' with 65 sacks Set 10 sack plug at surface with regulation marker.  Location cleared and leveled and ready for inspection.	TEMPORARILY ABANDON	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
17. Describe Proposed or Completed Operations (Clearly state all partinent details, and give partinent dates, including estimated date of starting any proposed work) SEE RULE 1703.  Shot 7* casing c 575* and pulled.  Spotted plug from 520* to 620* with 65 sacks Spotted plug from 210* to 310* with 65 sacks Spotted plug from 210* to 310* with 65 sacks Set 10 sack plug at surface with regulation marker.  Location cleared and leveled and ready for inspection.  18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.  Title	PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JOB	
17. Describe Proposed or Completed Operations (Clearly state all partinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.  Subject well plugged and abandoned 1/20/74, as follows:  Shot 7* easing @ 575* and pulled.  Spotted plug from 520* to 620* with 65 sacks Section plug from 210* to 310* with 65 sacks Set 10 sack plug at surface with regulation marker.  Location cleared and leveled and ready for inspection.  18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.  PARTY BANKS 1/74.  DAYE 8/1/74.		OTHER RO-enter and maly	age casing
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APPROVED BY DATE TITLE DATE TITLE	Yell and	Geologist	AIIG 9 1471
	APPROVED BY	I MANAGORE TITLE	DATE TICTO 1.174

other- Oil Company  New Mexico 88240	Sa. Indicate Type of Lease State X Fee.   5. State Oil & Gas Lease No. E=833.3
JNDRY NOTICES AND REPORTS ON WELL on proposals to drill or to deepen or plug back to a plication for permit -" (form C-101) for such propos  other- other- in the Mexico 88240	So. Indicate Type of Lease State X Fee.  5. State Oil & Gas Lease No. E-8333  South Fee.  7. Unit Agreement Name D.Q.S.U.  8. Farm or Lease Name Tract 42
other- Oil Company  New Mexico 88240	State X Fee. 5. State Oil & Gas Lease No. E-8333  S DIFFERENT RESERVOIR. 7. Unit Agreement Name D.Q.S.U.  8. Farm or Lease Name Tract 42
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other- Oil Company  New Mexico 88240	7. Unit Agreement Name  D.Q.S.U.  8. Farm or Lease Name  Tract 42
other- Oil Company  New Mexico 88240	7. Unit Agreement Name D.Q.S.U. 8. Farm or Lease Name Tract 42
011 Company , New Mexico 88240	B.Q.S.U.  8. Form or Lease Name  Tract 42
, New Mexico 88240	Tract 42
	9. Well No.
	10. Field and Pool, or Wildcat
330 FEET FROM THE NORTH	AND 1650 FEET FROM Caprock Queen
SECTION 2 TOWNSHIP 14S	ANGE 31E NMPM.
15. Elevation (Show whether DF, KI,	GR, etc.) 12. County Chaves
OF INTENTION TO:	SUBSEQUENT REPORT OF:
PLUG AND ABANDON REMED	IAL WORK ALTERING CASING
	NCE DRILLING OPNS. PLUG AND ABANDONMENT
	TEST AND CEMENT JOB
ed Operations (Clearly state all pertinent aetails, and	give pertinent dates, including estimated date of starting any propose
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	e following manner:
Cl Bridge Plug @ 3000 (7" set@ :	
CI Bridge Plug @ 3000 (7" set @ :	3058 w/125 sxs)
	3058 w/125 sxs)
25 sack cement plug on top of br	3058 w/125 sxs)  idge plug @ 3000-2875.  O with a 4" marker extending
et	15. Elevation (Show whether DF, RT, neck Appropriate Box To Indicate Nature of OF INTENTION TO:  PLUG AND ABANDON REMEDICATION COMMECASING OTH CHANGE PLANS OTH CASING OTH CHANGE PLANS CASING CAS

#### LEGACY RESERVES LP DATE: 9-Jul-14 FIELD: Caprock BY: MWM LEASE/UNIT: **Drickey Queen Sand Unit** WELL: COUNTY: Chaves STATE: **New Mexico** Location: 330' FNL & 1650' FWL, Sec 2C, T14S, R31E KB = 4413'-DF SPUD: 1/55 COMP: 1/55 GL = CURRENT STATUS: P&A (11-70, 1-74) API = 30-005-00955 Original Well Name: N. G. Penrose, Rich State #1 10 sx cmt plug @ surface 17-1/4" 12-3/4" 45.45#/ft @ 290' w/300 sx, circ'd Spot 65 sx at 310'-210' T-Anhy @ 1408' T-Salt @ 1570' 11" to B-Salt @ 2135' 1403' Spot 65 sx at 620'-520' T-Yates @ 2300' C&P 7" at 575' T-Queen @ 3060' 7-7/8" Calc'd TOC at 2505' w/enlargement = 15%, yld = 1.26 ft3/sk 2875 CIBP @ 3000' w/ 25 sx cmt plug on top 7" 20# @ 3058' w/125 sx Top of Queen @ 3060': Queen Open Hole: 3060' - 3065' (1-55) PBTD - 3065' TD - 3065'

DQS4 2BN

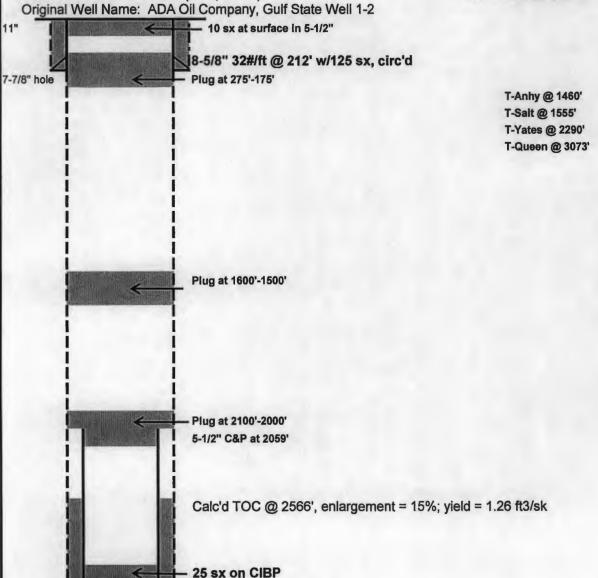
. OF COPIES RECEIVE	CO	ent ;	•			Form C-103	
DITRIBUTION						Supersedes C-102 and	
NTAFE		NEW M	EXICO OIL CON	SERVATION COMMISS	SION	Effective 1	
ILE						•	
.s.g.s.						5a. Indicate T	rps of Lease
AND OFFICE						State 👗	Fee,
PERATOR							Gas Lease No.
						E-2	1855
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OIL D	GAS WELL	OTHER-		30.005-00		7, Unit Agreen	ent Name
Name of Operator				00 000 00	140	8. Farm or Lea	se Name DELOCKY
Weldon S.	Quest & I.	J. Wolfson	1			Queen Sar	d Unit Ir 32
Address of Operator						9. Well No.	
	to & Cen Se	rvices, Inc	., Box 763,	Hobbs, New Mo.	xico		1
Location of Well							Pool, or Wildcat
UNIT LETTER B	33	PEET FRO	M THE MORTH	LINE AND 2310	FEET FROM	Caprock	Que en
90. A							
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			4412 0	R		Chaves	WHIIIII.
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	or Completed Open	СНА	NGE PLANS	COMMENCE DRILLING D	ENT JOB	salvage cas	AND ASANDONMENT
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NO. OF COPIES RE	CEIVED				•	Form C-103	
DISTRIBUT						Supersedes (	
SANTA FE	ION	NEW MEY	ICO OIL CONSE	RVATION COMMISSION		C-102 and C- Effective 1-1	
FILE		NEW MEX	ICO OIL CONSE	KTATION COMMISSION		Ellective 14	-03
U.S.G.S.					F	5a. Indicate Typ	e of Lease
LAND OFFICE						State X	Fee.
OPERATOR						5. State Oil & G	as Lease No.
						E-2855	
(DO NOT US	SUNDR	Y NOTICES AND R	EPORTS ON V	ELLS EK TO A DIFFERENT RESERVO PROPOSALS.)	IR.		
OIL WELL	GAS WELL	OTHER-	W C-101/ FOR SUCH	PROPOSALS.)		7. Unit Agreeme D.Q.S.	
2. Name of Operator		OTHER-				8. Farm or Leas	
Cities 3. Address of Opera	Service 011	Company				Tract	32
		. Mart co				1	
4. Location of Well	- Hobbs, Ne	M LIGHT CO				10. Field and Pa	nol or Wildow
4. Location of well		220	Month	2210			
UNIT LETTER	8	330 PEET PROM T	HE NOFTH	_ LINE AND	FEET FROM	Caproc	k Queen
THE East	LINE, SECTION	2 Tow	NSHIP 145	RANGE 31E	NMPM.		
		15. Elevation				12. County	
			4412	GR		Chaves	VIIIIIIII
16.			o Indicate Na	ture of Notice, Repo			
	NOTICE OF IN	ITENTION TO:		SUB	SEQUENT	REPORT OF	
						ALTE	RING CASING
PERFORM REMEDIAL		PLUG A	ND ABANDON	REMEDIAL WORK	H		
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FIELD: Caprock BY: MWM
LEASE/UNIT: Drickey Queen Sand Unit WELL: 2BN

COUNTY: Chaves STATE: New Mexico

CURRENT STATUS: P&A (6-70, 10-73) API = 30-005-00948



CIBP at 3053'

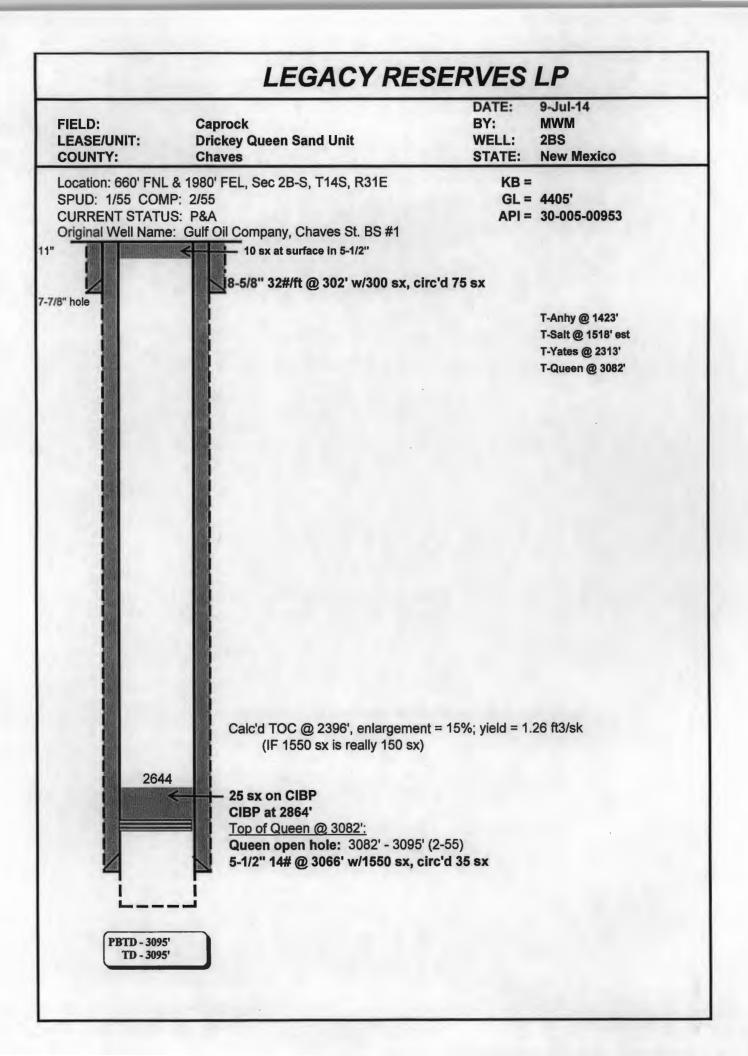
Top of Queen @ 3073':

Queen Perfs: 3073' - 3088' (10-56) 5-1/2" 15.5# @ 3125' w/125 sx

PBTD - 3093' TD - 3125' Dasy 2BS

NO. OF COPIES RECEIVED	*	Form C-103
DISTRIBUTION		Supersedes 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 Oil & Gas Lease No.
		E-2855
(DO NOT USE THIS FORM	SUNDRY NOTICES AND REPORTS ON WELLS  M FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
OIL GAS WELL	OTHER- Water Injection	7. Unit Agreement Name D.Q.S.U.
2. Name of Operator Cities Serv	ice 011 Company 30-005-00953	8. Form or Lease Name  Tract 32
3. Address of Operator		9. Well No.
	bbs, New Mexico 88240	2
4. Location of Well	(10	10. Field and Pool, or Wildcat
UNIT LETTER B	660 FEET FROM THE North LINE AND 1980 FEET FROM	Caprock Queen
THE East	TE, SECTION 2 TOWNSHIP 148 RANGE 31E NMPM	
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	4405 GR	Chaves \\\\\\\
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING	PLUG AND ABANDON REMEDIAL WORK  COMMENCE ORILLING OPHS.  CHANGE PLANS CASING TEST AND CEMENT JQB	ALTERING CABING PLUG AND ABANDONMENT
PERFORM REMEDIAL WORK  TEMPORARILY ABANDON PULL OR ALTER CASING  OTHER  17, Describe Proposed or Comp	COMMENCE DRILLING OPHS.	PLUG AND ABANDONMENT
PERFORM REMEDIAL WORK  TEMPORARILY ABANDON PULL OR ALTER CABING  OTHER  17. Describe Proposed or Compork) SEE RULE 1 f03.  The above well  1. Set a 1  2. Set a 1  3. Loaded  4. Set a 1  41 above  5. Location	CHANGE PLANS CASING TEST AND CEMENT JQB OTHER	PLUG AND ABANDONMENT  g estimated date of starting any proposed  ing manner:  .  extending
PERFORM REMEDIAL WORK  TEMPORARILY ABANDON PULL OR ALTER CASING  OTHER  17. Describe Proposed or Compork) SEE RULE 1 fbs.  The above well.  2. Set a 2 3. Loaded 4. Set a 41 above 5. Location for fire	change Plans  ch	restimated date of starting any proposed ing manner:

CONDITION OF APPROVAL, IF ANY:



DQS4 2A

Spotted 1: Spotted 1: Spotted 1: Set 10 sa 10.1# mud	(visc. 32) between 10/27/73.	2100 with 1600 with 350 with 3 see with reveen all pl	a 30 sacks. a 30 sacks. so sacks. gulation marker. augs.	DATE	0/30/73
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		1 /2H earl	ng at 2020.		
	ed Operations (Clearly star	te all pertinent de	stails, and give pertinent dates, in	cluding estimated date of	starting any propose
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NOTICE O	FINTENTION TO:	_		UENT REPORT OF	
		4408 GR	er DF, RT, GR, etc.)	Chaves	
THE Bast LINE, S	естіон 2 т	OWNSHIP 14	S RANGE 31 E	. нмрм.	
Location of Well	330 FEET PROM	THE North	LINE AND FEE	10. Field and P	
Address of Operator  /o Oil Reports & Ga.	s Services, Inc.	Box 763	Hobbs, New Mexico	9. Well No.	
Weldon S. Guest &	I. J. Wolfson			Queen Sand	e Name Drickey Unit Tr 35
OIL GAS WELL		P&A	30-005-0095	7. Unit Agreeme	
SUIT THIS FORM FOR	NDRY NOTICES AND	REPORTS O	N WELLS BACK TO A DIFFERENT RESERVOIR. UCH PROPOSALS.)		
				5, State Oil & G	
PERATOR				Sa. Indicate Typ	Fee.
AND OFFICE					
LE S.G.S. AND OFFICE				Effective 1-1	
DISTRIBUTION NTA FE ILE IS.G.S. AND OFFICE PERATOR	NEW ME	XICO OIL CON	SERVATION COMMISSION	Supersedes ( C-102 and C	

NO. OF COPIES RE				
	CEIVED			Form C-103
DISTRIBUT				Supersedes Old
SANTA FE	ION	NEW MEXICO OIL CONSERVATION	COMMISSION	C-102 and C-103 Effective 1-1-65
FILE		NEW MEXICO DIE CONSERVATION	LOMM1331OI4	CHective 1-1-03
U.S.G.S.			-	5a. Indicate Type of Lease
LAND OFFICE				State X Fee
OPERATOR				5. State Oil & Gas Lease No.
0. 0				E-5665
(00 NOT US	SUNDRY NOT	ICES AND REPORTS ON WELLS O DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFE ERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	RENT RESERVOIR.	
1. OIL X	GAS 🗀			7. Unit Agreement Name
2. Name of Operato	WELL OTHE	R•		D.Q.S.U. 8. Farm or Lease Name
3, Address of Oper	s Service 011 Comp	pany		7ract 35
		Ogolo		1
4. Location of Well	9 - Hobbs, New Me	KI CO 00240		10. Field and Pool, or Wildcat
4. Location of well			000	
UNIT LETTER	A . 330	FEET FROM THE North LINE AND	990 PEET FROM	Caprock Queen
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		15. Elevation (Show whether DF, RT, GR,	esc.)	12. County
imm		4418 DF		Chaves \\\\\\\\
	Check Appropriate OF INTENTI	riate Box To Indicate Nature of No	otice, Report or Othe SUBSEQUENT	
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PERFORM REMEDIAL	WORK	PLUG AND ABANDON REMEDIAL WE	DRK -	ALTERING CASING
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			AND CEMENT JOB	
		OTHER	AND CEMENT DA	
OTHER		OTHER	AND CEMENT JOB	·
17. Describe Propo	osed or Completed Operations	(Clearly state all pertinent details, and give		estimated date of starting any proposed
	osed or Completed Operations			estimated date of starting any proposed
17. Describe Propo work) SEE RU	osed or Completed Operations LE 1103.	(Clearly state all pertinent details, and give	pertinent dates, including e	
17. Describe Propo work) SEE RUI	psed or Completed Operations LE 1703.	(Clearly state all pertinent details, and give	pertinent dates, including e	
17. Describe Propo work) SEE RUI	psed or Completed Operations LE 1703.	(Clearly state all pertinent details, and give	pertinent dates, including e	
17. Describe Propo work) SEE RU	based or Completed Operations LE 1703. Above well was plug Set a CI bridge p	(Clearly state all pertinent details, and give	persinent dates, including e 70 in the follow w/250 sxs)	ing manner:
17. Describe Propo work) SEE RU	based or Completed Operations LE 1703. Above well was plug Set a CI bridge p	(Clearly state all pertinent details, and give gged and abandoned on 6/25/lug @ 2939 (5½11 set @ 3126 tent plug on top of bridge p	persinent dates, including e 70 in the follow w/250 sxs)	ing manner:
17. Describe Propo work) SEE RUI The a 1. 2.	sed or Completed Operations LE 1703. Above well was plug Set a CI bridge p Set a 25 sack ceme Loaded hole with I	(Clearly state all pertinent details, and give gged and abandoned on 6/25/lug @ 2939 (5½" set @ 3126 tent plug on top of bridge p mud laden fluid.	pertinent dates, including of the follow w/250 sxs)  lug @ 2939-2739.	ing manner:
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17. Describe Propo work) SEE RUI The a 1. 2. 3.	sed or Completed Operations LE 1703.  Above well was plug Set a CI bridge p Set a 25 sack ceme Loaded hole with a Set a 10 sack ceme the surface to des	(Clearly state all pertinent details, and give gged and abandoned on 6/25/lug @ 2939 (5½" set @ 3126 tent plug on top of bridge pund laden fluid.  ent surface plug @ 30-0 with signate a P & A location.	pertinent dates, including e 70 in the follow w/250 sxs) lug @ 2939-2739. h a 411 marker ex	ing manner:
The a  1.  2.  3.	sed or Completed Operations LE 1703.  Above well was plug Set a CI bridge p Set a 25 sack ceme Loaded hole with a Set a 10 sack ceme the surface to des	(Clearly state all persinent details, and give gged and abandoned on 6/25/lug @ 2939 (5½11 set @ 3126 sent plug on top of bridge pund laden fluid.	pertinent dates, including e 70 in the follow w/250 sxs) lug @ 2939-2739. h a 411 marker ex	ing manner:
17. Describe Propo work) SEE RUI The a 1. 2. 3. 4.	Set a CI bridge p Set a 25 sack cem Loaded hole with a Set a 10 sack cem the surface to des	(Clearly state all pertinent details, and give gged and abandoned on 6/25/lug @ 2939 (5½" set @ 3126 tent plug on top of bridge p mud laden fluid.  ent surface plug @ 30-0 with signate a P & A location.  cleared of all debris and	pertinent dates, including e 70 in the follow w/250 sxs) lug @ 2939-2739. h a 411 marker ex	ing manner:
17. Describe Propo work) SEE RUI The a 1. 2. 3. 4.	sed or Completed Operations LE 1703.  Above well was plug Set a CI bridge p Set a 25 sack ceme Loaded hole with a Set a 10 sack ceme the surface to des	(Clearly state all pertinent details, and give gged and abandoned on 6/25/lug @ 2939 (5½" set @ 3126 tent plug on top of bridge p mud laden fluid.  ent surface plug @ 30-0 with signate a P & A location.  cleared of all debris and	pertinent dates, including e 70 in the follow w/250 sxs) lug @ 2939-2739. h a 411 marker ex	ing manner:
17. Describe Propo work) SEE RUI The a 1. 2. 3. 4.	Set a CI bridge p Set a 25 sack cem Loaded hole with a Set a 10 sack cem the surface to des	(Clearly state all pertinent details, and give gged and abandoned on 6/25/lug @ 2939 (5½" set @ 3126 tent plug on top of bridge p mud laden fluid.  ent surface plug @ 30-0 with signate a P & A location.  cleared of all debris and	pertinent dates, including e 70 in the follow w/250 sxs) lug @ 2939-2739. h a 411 marker ex	ing manner:
17. Describe Propo work) SEE RUI The a 1. 2. 3.	Set a CI bridge p Set a 25 sack cem Loaded hole with a Set a 10 sack cem the surface to des	(Clearly state all pertinent details, and give gged and abandoned on 6/25/lug @ 2939 (5½" set @ 3126 tent plug on top of bridge p mud laden fluid.  ent surface plug @ 30-0 with signate a P & A location.  cleared of all debris and	pertinent dates, including e 70 in the follow w/250 sxs) lug @ 2939-2739. h a 411 marker ex	ing manner:
17. Describe Propo work) SEE RUI The a 1. 2. 3. 4.	Set a CI bridge p Set a 25 sack ceme Loaded hole with a Set a 10 sack ceme the surface to des Location has been final inspection.	(Clearly state all pertinent details, and give gged and abandoned on 6/25/lug @ 2939 (5½" set @ 3126 tent plug on top of bridge p mud laden fluid.  ent surface plug @ 30-0 with signate a P & A location.  cleared of all debris and	pertinent dates, including of the follow w/250 sxs)  lug @ 2939-2739.  h a 4" marker exequipment and is	ing manner:
17. Describe Propo work) SEE RUI The a 1. 2. 3. 4.	Set a CI bridge p Set a 25 sack ceme Loaded hole with a Set a 10 sack ceme the surface to des Location has been final inspection.	(Clearly state all pertinent details, and give gged and abandoned on 6/25/lug @ 2939 (5½11 set @ 3126 tent plug on top of bridge p mud laden fluid.  ent surface plug @ 30-0 with signate a P & A location.  cleared of all debris and	persinent dates, including e 70 in the follow w/250 sxs) lug @ 2939-2739. h a 4" marker ex equipment and is	ing manner: tending 41 above ready for
17. Describe Propo work) SEE RUI The a 1. 2. 3. 4.	Set a CI bridge p Set a 25 sack ceme Loaded hole with a Set a 10 sack ceme the surface to des Location has been final inspection.	(Clearly state all pertinent details, and give gged and abandoned on 6/25/lug @ 2939 (5½11 set @ 3126 tent plug on top of bridge p mud laden fluid.  ent surface plug @ 30-0 with signate a P & A location.  cleared of all debris and	pertinent dates, including of the follow w/250 sxs)  lug @ 2939-2739.  h a 4" marker exequipment and is	ing manner: tending 41 above ready for
17. Describe Propo work) SEE RUI The a 1. 2. 3. 4.	Set a CI bridge p Set a 25 sack ceme Loaded hole with a Set a 10 sack ceme the surface to des Location has been final inspection.	(Clearly state all pertinent details, and give gged and abandoned on 6/25/lug @ 2939 (5½11 set @ 3126 tent plug on top of bridge p mud laden fluid.  ent surface plug @ 30-0 with signate a P & A location.  cleared of all debris and	persinent dates, including e 70 in the follow w/250 sxs) lug @ 2939-2739. h a 4" marker ex equipment and is	ing manner: tending 41 above ready for
17. Describe Propo work) SEE RUI The a 1. 2. 3. 4.	Set a CI bridge p Set a 25 sack ceme Loaded hole with a Set a 10 sack ceme the surface to des Location has been final inspection.	(Clearly state all pertinent details, and give gged and abandoned on 6/25/lug @ 2939 (5½11 set @ 3126 tent plug on top of bridge p mud laden fluid.  ent surface plug @ 30-0 with signate a P & A location.  cleared of all debris and	pertinent dates, including of the follow w/250 sxs)  lug @ 2939-2739.  h a 4" marker exequipment and is ge and belief.	ing manner: tending 41 above ready for

FIELD: LEASE/UNIT: COUNTY:

Caprock

**Drickey Queen Sand Unit** 

Chaves

DATE:

9-Jul-14

BY:

MWM

WELL: 2A

STATE: New Mexico

Location: 330' FNL & 990' FEL, Sec 2A, T14S, R31ECM

SPUD: 6/57 COMP: 6/57

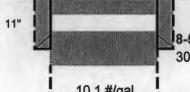
CURRENT STATUS: P&A Producer (6-70 & 10-73)

Original Well Name: Gulf State #1

KB = 4,408'

GL =

API = 30-005-00958



10 sx cmt plug at surface

8-5/8" 24#/ft @ 295' cmt'd. w/ 125 sx, circ'd

30 sx cmt plug @ 250' - 350'



30 sx cmt plug @ 1500' - 1600'



7-7/8"

30 sx cmt plug @ 2000' - 2100'

Shot and Pulled 5-1/2" csg @ 2020'

TOC @ 2009' calc'd w/enlargement = 15%, yld = 1.26 ft3/sk



25 sx cmt plug 2739' - 2939'

Top CIBP @ 2939'

Top of Queen @ 3076': Queen: 3080' - 3086' (6-57)

5-1/2" 14# @ 3126' w/250 sx

PBTD -TD - 3128' UNITED STATES

N. W. CH. STY. (SUMMISSION

HC 385. 1 LW 150405 88240

5. 1 EASL

Form Approved Budget Bureau N + 47-401

1054 44

PARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

#### 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 Form 9–331–C for such proposals (

well well

Injection Well other

2. NAME OF OPERATOR

C.E. LaRue and B.N. Muncy, Jr.

3. ADDRESS OF OPERATOR

PO Box 470 Artesia, NM 88210

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17

AT SURFACE: 1990' FNL & 660' FEL AT TOP PROD. INTERVAL: AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON\*

(other)

SUBSEQUENT REPORT OF:

КX

6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME

LC062486

8. FARM OR LEASE NAME

Federal (Trigg

9. WELL NO.

10. HELD OR WILDCAT NAME Caprock Queen

11. SEC., T., R., M., OR BLK, AND SURVEY OR

Sec. 4 T14S R31E 12. COUNTY OR PARISH 13. STATE

14. API NO.

15. ELLVATIONS (SHOW DF, KDB, AND WD) 4220' GL

mettigle Burglettem to (NOTE: Report result) change on I

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

Set 30 Sacks 2% CC plug at 2600'. Tag plug at 2535'. Set plug at 1300' 30 Sacks 2% CC. Set 10 Sacks 2% CC top.

Rig up on 8 5/8" casing. Pump 145 Sacks 2% CC. Put Dry Hole Marker on well. Plugged and Abandoned 10-22-85.

AS PER STATE REQUIREMENTS.

Subsurface Safety Valve: Manu. and Type

Set @

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

TITLE . . Operator

DATE 4-9-87...

(This space for Federal or State office use)

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

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

DATE

3 1988 AUG

BUREAU OF LAND MANAGEMENT ROSWELL RESOURCE AREA

APPROVED

PETER W. CHESTER

\*See Instructions on Reverse Side

#### LEGACY RESERVES LP 9-Jul-14 BY: MWM FIELD: Caprock LEASE/UNIT: **Drickey Queen Sand Unit** WELL: 4H **New Mexico** COUNTY: Chaves STATE: Location: 1990' FNL & 660' FEL, Sec 4H, T14S, R31E KB = SPUD: 2/55 COMP: 4/55 GL = API = 30-005-00980 CURRENT STATUS: P&A (10-85) Original Well Name: J.H.Trigg, Federal Trigg #7 10 sx cmt plug @ surface in 5-1/2" 17-1/2" assumed 13-3/8" 44# @ 130' w/50 sx 11" assumed T-Anhy @ 1162' est T-Salt @ 1295' est B-Salt @ T-Yates @ T-Queen @ 2827\* 145 sx (993') down 5-1/2"-by-8-5/8" annulus 8-5/8", 24#, mudded in at 1160', apparently left in hole 7-7/8" assumed Spot 30 sx at 1300' Calc'd TOC at 2377' w/enlargement = 15%, yld = 1.26 ft3/sk 2535' Spot 30 sx at 2600', tag at 2535' 5-1/2" 14# @ 2824' w/100 sx Top of Queen @ 2827': Queen Open Hole: 2827' - 2847' (4-55) PBTD - 2847' TD - 2847'

Form 3160-5 (August 2007)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

OP	ERA	TO	R'S	COPY
	-		13 0	CUPI

FORM APPROVED OMB No. 1004-0137

Expires: July 31, 2010

5. Lease Serial No.

		India American con	LC-068474	
Do not use this		RTS ON WELLS o drill or to re-enter a PD) for such proposa		or Tribe Name .
SUBM	IT IN TRIPLICATE - Other	instructions on page 2.	7. If Unit of CA/Agre	ement, Name and/or No.
1. Type of Well				
Oil Well Gas	Well X Other		8. Well Name and No	
2. Name of Operator			9. API Well No.	n Sand Unit #20
Celero Energy II, LP			30-005-00970	
3a. Address		3b. Phone No. (include area c	ode) 10. Field and Pool or	Exploratory Area
400 W. Illinois, Ste. 1601	Midland TX 79701	(432)686-1883	Caprock; Que	
<ol> <li>Location of Well (Footage, Sec., T., 1990' N 1980' W</li> </ol>	,R.,M., or Survey Description)		11. Country or Parish	, State
UL: F, Sec: 3, T: 14S, R: 3	31E		Chaves	. NM
12. CHE	CK THE APPROPRIATE BO	X(ES) TO INDICATE NATUR	RE OF NOTICE, REPORT OR OTH	ER DATA
TYPE OF SUBMISSION		T	YPE OF ACTION	
Notice of Intent	Acidize	Deepen	Production (Start/Resume)	Water Shut-Off
Notice of Intent	Alter Casing	Fracture Treat	Reclamation	Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplete	Other
X Subsequent Report	Change Plans	X Plug and Abandon	Temporarily Abandon	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal	
4/17/12 - TAG @ 2963'. Pl 25 SX CL"C" CMT. WOC 4/18/12 - RIH W/ CIBP TC 2642'. PUMP 11 BBLS ML 4/19/12 - PERF 6 SPF @ CL"C". DISP W/ 6 BBLS M DID NOT LOAD. PUMP D W/ 4 BBLS MUD. WOC 4 4/20/12 - PUMP 25 SX CL	4 HRS. TIH NO PLUG D 2945'. TAG PLUG W JD. PU TBG TO 2182' 1565'. PU AD-1 PKR 8 MUD. WOC 4 HRS. NO OWN TBG 2 BPM 200 HRS. TAG @ 1818'.	6. CIBP MUST HAVE F 7/ TBG @ 2945'. PUMF . SPOT 30 SX CL"C" ( & TIH & SET @ 1203'. O TAG. TIH W/ PKR T D#. TOH & LD PKR. T	ELL. TOH. P 25 SX CL"C" CMT. WOO CMT. LEAD W/ 5 BBLS MUD & TO 1611'. PUMP 50 BPW E IH TO 1830'. PUMP 25 SX	CMT W/ 50 SX DOWN BACKSIDE, K CL"C" CMT. DISP
CMT. DISP W/ 4 BBLS M CMT. DISP W/ 4 BBLS M 4. I hereby certify that the foregoing is t	UD. WOC 4 HRS. NO UD. * continued on a	TAG. PUMP 40# PE ttached sheet	R BBL LCM WAIT 1 HR. F	PUMP 25 SX CL "C"
Lisa Hunt		Title Regul	atory Analyst	
Signature Lui 9	Hunt	Date 05/08/		
	THIS SPACE F	OR FEDERAL OR ST	TATE OFFICE USE	
Approved by Panid A	Mars	PE.	TROLEI IM ENGINEER	MAY 1 4 2012

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Office

Title PETROLEUM ENGINEER

Date

NOSWELL FIELD OFFICE

Form 3160-5 (August 2007)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED OMB No. 1004-0137

Expires: July 31, 2010

5. Lease Serial No.

Do not use this	NOTICES AND REPOR	n	LC-068474 6. If Indian, Allottee or Tribe Name	
	Use Form 3160-3 (AP			ement, Name and/or No.
I. Type of Well Oil Well Gas V	Vell	nstructions on page 2.	8. Well Name and No	
2. Name of Operator			9. API Well No.	
Celero Energy II, LP 3a. Address 400 W. Illinois, Ste. 1601		b. Phone No. (include area c	30-005-00970 ode) 10. Field and Pool or Caprock; Que	Exploratory Area
4. Location of Well (Footage, Sec., T. 1990' N 1980' W UL: F, Sec: 3, T: 14S, R: 3	R., M., or Survey Description)	(432)000-1003	11. Country or Parish Chaves	
12. CHE	CK THE APPROPRIATE BOX	(ES) TO INDICATE NATUR	RE OF NOTICE, REPORT OR OTH	IER DATA
TYPE OF SUBMISSION		T	YPE OF ACTION	
Notice of Intent  Subsequent Report	Acidize Alter Casing Casing Repair Change Plans	Deepen Fracture Treat New Construction Plug and Abandon	Production (Start/Resume) Reclamation Recomplete Temporarily Abandon	Water Shut-Off Well Integrity Other
Final Abandonment Notice	Convert to Injection	Plug Back	· Water Disposal	
following completion of the invol-	ved operations. If the operation Abandonment Notices must be or final inspection.) ED W/ MULE SHOE PI UMP 90 BPW. DID NO 4 HRS. TIH NO PLUG. O 2945'. TAG PLUG W/ JD. PU TBG TO 2182'.  1565'. PU AD-1 PKR & MUD. WOC 4 HRS. NO OWN TBG 2 BPM 2000 HRS. TAG @ 1818'.  "C" CMT. DISP W/ 4 UD. WOC 4 HRS. NO U	results in a multiple completifiled only after all requirement PE TO 2901'. PUMP OF THOLD. RIH W/ CIB CIBP MUST HAVE FOR THE SPOT 30 SX CL"C" OF THE SET @ 1203'. THE SET @ 1203'. THE SET W/ PKR THE TOH & LD PKR. THE BBLS MUD. WOC 4 TAG. PUMP 40# PEI	EP SET @ 2963'. TIH W/TI ELL. TOH. P 25 SX CL"C" CMT. WOO CMT. LEAD W/ 5 BBLS MUD & TO 1611'. PUMP 50 BPW I IH TO 1830'. PUMP 25 S	i, a Form 3160-4 must be filed once in completed and the operator has a BG TO 2931'. PUMP a 4 HRS. TAG @  CMT W/ 50 SX DOWN BACKSIDE, X CL"C" CMT. DISP
4. I hereby certify that the foregoing is	rue and correct. Name (Printed/	Typed)	,	
Lisa Hunt		Title Regul	atory Analyst	
Signature Lua 9	Hunt	Date 05/08/	2012	
	THIS SPACE F	OR FEDERAL OR ST	TATE OFFICE USE	A STATE OF THE STA
	- 1			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Office

(Instructions of page 29 AS TO PLUGGING OF THIS

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title PETROLEUM ENGINEER

NOSWELL FIELD OFFICE

MAY 1 4 2012

#### **DRICKEY QUEEN SAND UNIT #20 - C103 CONTINUED**

4/23/12 - TAG @ 1640'. PERF 6 SPM @ 1565'. TIH W/ AD-1 PKR & SET @ 1264'. LEAD W/ 5 BBLS MUD & CMT W/ 50 SX CL "C" CMT. DISP A TOTAL OF 5.5 BBLS. WOC 4 HRS. LD PKR. NO PLUG, TAG @ 1640'.

4/24/12 - TIH TO 1233' & SET PKR. CMT W/ 50 SX CL "C" CMT. DISP W/ 6 BBLS. WOC 4 HRS. TAG @ 1313'. PERF 6 SPF @ 413'. TIH W/ TBG TO 472' AND ESTB CIRC ON 5 1/2" X 8 5/8" ANNULUS. CMT W/ 200 SX CL "C" CMT AND FILL 8 5/8" X 5 1/2" & 5 1/2" CSG TO SURF.

5/7/12 - SET P&A MARKER AND RECLAIM LOCATION.

#### LEGACY RESERVES LP DATE: 9-Jul-14 BY: MWM Caprock FIELD: LEASE/UNIT: **Drickey Queen Sand Unit** WELL: 20 STATE: **New Mexico** COUNTY: Location: 1990' FNL & 1980' FWL, Sec 3F, T14S, R31ECM KB = 4429' SPUD: 10/54 COMP: 10/54 GL = **CURRENT STATUS: Injector P&A** API = 30-005-00970Original Well Name: Government B #16 11" assumed 8-5/8" 22.7#/ft @ 363' w/200 sx, circ'd Perf(6) at 413'. With tubing at 472', fill 5-1/2" and 5-1/2"-by-8-5/8" annulus to surface with 200 sx 17-7/8" assumed T-Anhy @ 1385'(est) T-Salt @ 1565'(est) B-Salt @ 2160'(est) T-Yates @ 2278' 1313' T-Queen @ 3044' Perf (6, 2x) @ 1565'; packer squeeze 100 sx and tag at 1313' TOC augmented to 1640' or higher by spotting cement TOC @ 1940', CBL(3/11) Total 180 sx spotted below perfs at 1565' to 2182' 2182' 2642' 2nd CIBP at 2945'; spotted 25 sx on top; tagged at 2642' 1st CIBP at 2963'(fell); 25 sx spotted on top 1st CIBP Top of tubing fish at 2958'; packer at unknown depth below. 5-1/2" 14# @ 3037' w/300 sx Queen: 3044' - 3062' (10-54) 65 sx spotted at 2901' below 1st CIBP PBTD - 3062' TD - 3062'

DQSU 3G

Form 9-331	UNITED STATES SUBMIT IN	TRIPLICA Rorm approved. Reddget Bureas-No. 42-R1424.
(May 1963)	PARTMENT OF THE INTERIOR (Other instru	nctions on Budget Bureas-No. 42-B1424.  5. LEASE ESSIGNATION AND SECLE, No.
	GEOLOGICAL SURVEY	LC 968474
SUNDRY	NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
(Do not use this form for Use "	or proposals to drill or to deepen or plug back to a different re APPLICATION FOR PERMIT—" for such proposals.)	eservoir.
1.		7. UNIT AGREDMENT NAME
OIL GAS WELL 2. NAME OF OPERATOR	36-605-00	0966 D.Q.S.U.
	ce 011 Company	Trace
S. ADDRESS OF OPERATOR		9. WELL NO.
	bs, New Mexico .88240 ocation clearly and in accordance with any State requirements.	10. FIELD AND POOL, OF WILDCAT
See also space 17 below.)	ocation clearly and in accordance with any state requirements,	Coprock Open
1989.51 FML	£ 1980 FEL of Sec. 3 - TI45 - R31E.	11. SEC., T., E., M., OR BEE. AND.
Chaves Count	y, New Mexico	1.52.2 3.22
14. PERMIT NO.	15. BLEVATIONS (Show whether DF, BT, GR, etc.)	Sec. 3 TI45 RIFE
11. IBBUIL NO.	high at	. 58 f 1 A 4 54 1 .
16. CL		
CI.	eck Appropriate Box To Indicate Nature of Notice,	SUBSEQUENT REPORT OF:
Ė		
FRACTURE TREAT	PULL OR ALTER CASING WATER SHUT MULTIPLE COMPLETE FRACTURE TR	1446 2 3 70 -
SHOOT OR ACIDIZE	ABANDON* BHOOTING OR	
DEPAIR WELL	CHANGE PLANS (Other)	Report results of multiple completion on Well
(Other)	ETED OPERATIONS (Clearly state all pertinent details, and give a directionally drilled, give subsurface locations and measured	etion or Recompletion Report and Log form.)
2. Set a 25 sa 3. Loaded hole 4. Set a 10 sa above the s 5. Location ha final inspe		@ 2990 - 2770.
18. I hereby certify that the local Child NAI	SIGNED sind correct.	
SIGNED / P D RO	SERISON TITLE DISTRICT Admin	1. Supervisor DATE 10-27-70
(This space for Federal or	stati natice use)	5 ( ) 3 to 1 ( ) 1 to
APPROVED MA	Mag was Title	DATE
CONDENIONS OF APPROV	AL, TE-MIKE:	
1 But	S	
A BEEKN	*See Instructions on Reverse Side	e

FIELD:

Caprock

LEASE/UNIT: COUNTY:

**Drickey Queen Sand Unit** 

Chaves

DATE:

17-Mar-08

BY:

MWM

WELL: 3**G** 

**New Mexico** STATE:

Location: 1990' FNL & 1980' FEL, Sec 3G, T14S, R31E

SPUD: 9/54 COMP: 9/54

**CURRENT STATUS: P&A Producer** 

Original Well Name: Government B #12

KB = 4429'

GL =

API = 30-005-00966

10 sx cmt plug @ 30' - surface

11" assumed

8-5/8" 22.7#/ft @ 368' w/200 sx, circ'd

7-7/8" assumed

T-Anhy @ 1415' T-Salt @ 1515' est B-Salt @ 2190' est T-Yates @ 2282' T-Queen @ 3044'

Calc'd TOC @ 1690' w/enlargement = 15%, yld = 1.26ft3/sk

25 sx cmt plug @ 2970' - 2990' on top of CIBP set @ 2990'

5-1/2" 14# @ 3030' w/300 sx

Top of Queen @ 3044':

Queen: 3044' - 3063' (9-54)

PBTD - 3063' TD - 3063'

Q - SU 3 H

N. M. O. C. C. DEPARTMENT OF THE INTERIOR (Other instructions of the interior Form approved. Budget Bureay No. 42-R1424. Form 9-331 (May 1963) 5. LEASE DESIGNATION AND SERIEL NO LC 068474 GEOLOGICAL SURVEY 6. IF INDIAN, ALLOTTER OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.) 7. UNIT AGREEMENT NAME D.Q.S.U. Water Injection OTHER 8. FARM OR LEASE NAME. 2. NAME OF OPERATOR Cities Service Oil Company Tract 6 30-005.60967 3. ADDRESS OF OPERATOR Box 69 - Hobbs, New Mexico 88240 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.

See also space 17 below.)

At surface 10. PIELD AND POOL, OF WILDCAT Caprock Queen 1989.5 FNL & 660' FEL of Sec. 3 - TI45 - R31E. 11. SEC., E, R., M., OR BUX. AND SURVEY OR AREA Chaves County, New Mexico Sec. 3 - 1145 - 1312 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 14. PERMIT NO. 12. COUNTY OR PARISH 18. STATE 4415 DF Chaves NEW MEXICO 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data 🚓 SUBSEQUENT REPORT-OF : NOTICE OF INTENTION TO: REPAIRING WELL TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF AETERING CARING PRACTURE TREAT MULTIPLE COMPLETE PRACTURE TREATMENT ABANDON MENTO SHOOT OR ACIDIZE ARANDON\* SHOOTING OR ACIDIZING REPAIR WELL CHANGE PLANS (NOTE: Report results of multiple completion on Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and sones penent to this work.) The above well was plugged and abandoned in the following manner: Set a CI Bridge Plug @ 2930. (52" set @ 3042 w/300 sxs) Set a 25 sack cement plug on top of bridge plug @ 2930 - 2710. Loaded hole with mud laden fluid. Set a 10 sack cement surface plug @ 30=0 with a 4" marker extending 4" above the surface to designate a P & A location, 5. Location has been cleared of all debris and equipment and is rea final inspection. FIVED 18. I hereby certify that the foregoing is true and correct THE District Admin. Supervisor DATE SIGNED WILL OF THERTOON (This space top Equeral or State office use) APPROVAL, IF ANY: .. · TITLE

FIELD:

Caprock

LEASE/UNIT:

**Drickey Queen Sand Unit** 

COUNTY: Chaves DATE:

9-Jul-14

BY: WELL:

MWM 3H

STATE:

**New Mexico** 

Location: 1990' FNL & 660' FEL, Sec 3H, T14S, R31E

SPUD: 10/54 COMP: 10/54

CURRENT STATUS: P&A Injector (10-70)

KB = 4415'

GL =

API = 30-005-00967

Original Well Name: Government B #13

10 sx cmt plug @ 30' - surface

11" assumed

8-5/8" 22.7#/ft @ 371' w/200 sx, circ'd

7-7/8" assumed

T-Anhy @ 1400' est T-Salt @1545' est

B-Salt @ T-Yates @

T-Queen @ 3053'

Mud

Calc'd TOC @ 1702' w/enlargement = 15%, yld = 1.26 ft3/sk

25 sx cmt plug @ 2710' - 2930' on top of CIBP set @ 2930'

5-1/2" 14# @ 3042' w/300 sx

Top of Queen @ 3053':

Queen: 3053' - 3073' (10-54)

PBTD - 3073' TD - 3073'

D.Q. Sy 3L.

Porm 3160-5 UNITED (July 1969) (Formerly 9-331) DEPARTMENT OF BUREAU OF LAN	THE INTERIOR	980FFICE FUN NUMBER	MM Rossell District Hodified form No. N180-3160-4  B. LEASE DESIGNATION AND SERIAL NO. LC-068474
SUNDRY NOTICES AN  (Do not use this form for proposals to drill o  Use "APPLICATION FOR P	D REPORTS ON r to deepen or plug back to ERMIT—" for such proposed	WELLS a different reservoir.	6. IP INDIAN, ALLOTTER OR TRIBE NAME
OIL [] 6An []		- 005-00974 3n. Arm Code & Florie No.	Drickey Queen Sand
Circle Ridge Production, Inc.		505-393-2727	Tract 6
c/o Oil Reports & Gas Services,  4. Lacation of with (Report location clearly and in See sine space 17 below.)  At surface  1980' FSL & 660'  Unit L		755, Hobbs, NM 88 requirements.	Caprock Queen  11. SBC, T. B. M., OR BLE. AND SURVEY OR AREA  Sec. 3, T14S, R31E
16. PERMIT NO : IS FLEVATE	ONR (Show whether DF, RT, GR	ete.)	12. COUNTY OR PARISH 13. STATE
16 Chall Assessed 9		( h) D	Chaves NM
NOTICE OF INTENTION TO	ox to indicate Nature	of Notice, Report, or	Other Data
PRACTURE TREAT SHOOT OR ACIDIES  PI I.I. OR ALTER SHI LTIPLE COM ABANDON*	FLETE .	WATER RHUT-OFF FRACTURE TREATMENT RHOOTING OR ACIDIZING	BEPAIRING WELL ALTERING CARING ABANDONMENT*
1Other)		(Norz : Report result	of multiple completion on Well
on the ground and was found in the Oil Consection of the Oil Consection contained nothing but the by General Operating Comp	ervation Division notice of intent	well file reveal	ed that it
Circle Ridge Production, checked the well file fur no final plugging report	nished by Genera	l Operating Compa	
It can only be assumed th	nat subject well	was plugged as pe	AUG 22 133
BR. I bereby certify that the foregoing in true and corr	ect		THE MEN WENTED
SIGNED Donne Jolla	TITUE	Agent	DATR 8/21/90
(This space for Pederal or State office use)			PETER V. CHECORD
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE		PETER W. CHESTER
/	*See Instructions on Ro	wene Side	AUG 31 1990

Form 9-331 Dec. 1973

NM OIL CONS. COMMISSION Drawer DD Artesia, NM 88215 LEASE

Form Approved. Budget Buresu No. 42-R1424

UNITED STATES

DEPARTMENT OF THE INTERIOR	LC 068474
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEF OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir, Use Form 9-331-C for such proposals.)	7. UNIT AGREFMENT NAME  Drickey Queen Sand Unit  8. FARM OR LEASE NAME
1. oil gas Inactive other Water Injection Well	9. WELL NO. 3 DEC 16 1982
2. NAME OF OPERATOR  General Operating Company	10. FIELD OR WILDCAT NAMED, C. D.
3. ADDRESS OF OPERATOR 1007 Ridglea Bank Bldg. Fort Worth, Texas 76116 4. LOCATION OF WELL (REPORT LOCATION CLEARLY, See space 17	Caprock QueenARTESIA OFFICE  11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
below.) AT SURFACE: 1980' FSL and 660' FWL AT TOP PROD. INTERVAL: Section 3-T14S-R31E AT TOTAL DEPTH:	3-14S-31E, NMPM  12. COUNTY OR PARISH 13. STATE  Chaves New Mexico
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	14. API NO.
	15. ELEVATIONS (SHOW DF, KDR AND WD) 4277' DF
REQUEST FOR APPROVAL TO:  TEST WATER SHUT-OFF  FRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  PULL OR ALTER CASING  MULTIPLE COMPLETE  CHANGE ZONES  ABANDON*  SUBSEQUENT REPORT OF:  CHANGE ZONES  ABANDON*	(NOTE: Report consists of multiple completion or zons change on Frid E9630.) 6 1982
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stat including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertiner	litectionally drilled give subsurface locations and
General Operating Company proposes to perma Queen Sand Unit Tract 6, Well No. 21, an inactive following manner:  (1) Spot 100' cement plug from 2800'-2700' (2) Fill 5-1/2" OD casing from 2700'-1250' (3) Perforate 5-1/2" OD casing at 1250'.  (4) Cement inside and outside of 5-1/2" OF (5) Install well marker, cut off anchors, Verbal approval of this procedure was grant MMS on December 1, 1982. This work is scheduled of December 6, 1982.	enently plug and abandon Drickey we water injection well, in the inside 5-1/2" OD casing. with mud laden fluid.  Casing from surface to 1250'. and clean up surface. ted by Mr. Peter Chester with the
Subsurface Safety Valve: Manu. and Type	Ft
18. I hereby certify that the foregoing is true and correct  SIGNED C. W. Stumboffer  TITLE Vice-President	nt DATE December 1, 1982
APPROVED (This space for Federal or State of APPROVED BY 521) PETER TO CHESTER TITLE CONDITIONS OF APPROVAL IF ANY:	fice use)

DEC 1 5 1982

FOR

JAMES A. GILLHAM .See Instru. tions on Reverse Side DISTRICT SUPERVISOR

## LEGACY RESERVES LP DATE: FIELD: Caprock BY: MWM LEASE/UNIT: **Drickey Queen Sand Unit** WELL: 3L COUNTY: Chaves STATE: **New Mexico** Location: 1980' FSL & 660' FWL, Sec 3L, T14S, R31ECM KB = 4277' SPUD: 12/54 COMP: 12/54 GL = CURRENT STATUS: P&A Injector (12-82) API = 30-005-00974Original Well Name: Government B #21 11" assumed 8-5/8" 22.7#/ft @ 170' w/100 sx, calc'd TOC at surface 7-7/8" assumed T-Anhy @ 1210' T-Salt @ 1280' B-Salt @ T-Yates @ 2129' T-Queen @ 2881' Perf at 1250', circulate cement to surface Calc'd TOC @ 1540' w/enlargement = 15%, yld = 1.26 ft3/sk 100' plug at 2800'-2700' 5-1/2" 14# @ 2880' w/300 sx Top of Queen @ 2881': Queen: 2881' - 2895' (12-54) PBTD - 2895' TD - 2895'

Form 3160-5

# TITEDSTATES

FORMAPPROVED

(April 2004)	EPAR' LNT OF THE INTE	RIOR			OM B No. 1004-0137 Expires: March 31, 2007
	UREAU OF LAND MANAGEM	6	PERATOR'S		
	NOTICES AND REPORTS			LC-068	
Do not use thi abandoned we	is form for proposals to drill ill. Use Form 3160-3 (APD) f	or to re-e or such pro	nter an oposals.	o. II maiai	, Allottee or Tribe Name
SUBMIT IN TRI	PLICATE - Other instruction	s on rever	se side.	7. If Unit	or CA/Agreement, Name and/or No.
1. Type of Well Oil Well	Gas Well X Other			0 11/-11 21-	ume and No.
2. Name of Operator					Queen Sand Unit #21
CELERO ENERGY II, LP				9. API We	ell No.
3a. Address		none No. (includ 432)686-18		30-005	
400 W. Illinois, Ste. 1601 4. Location of Well (Footage, Sec	., T., R., M., or Survey Description)	432)000-10	,		and Pool, or Exploratory Area k Queen
1980 South 1980 East	n, ri, rai, trai, or our vey peopripies.)			11. County or Parish, State Chaves	
UL: J, Sec: 3, T: 14S, R: 3	31E				
10 CUECK AD	DRODRIAME DOVIMENTO DINIC	1 A (TOTAL )   A (TOTAL )	T OF NOTICE D	NM	, OTTOR DAMA
	PROPRIATE BOX(ES)TO INDIC			SPORT, O	R OTHER DATA
TYPEOF SUBMISSION		TY	PEOF ACTION		
Notice of Intent		epen	Production (Sta	rt/Resume)	Water Shut-Off
		ctureTreat « Construction	Reclamation		Well Integrity Other
X Subsequent Report		gand Abandon	Recomplete Temporarily Ab	andon	Outet
Final Abandonment Notice		gBack	Water Disposal		
Attach the Bond under which the following completion of the invitesting has been completed. Findetermined that the site is ready 10/31/08-12/17/08 Repaired/replaced welling GR/CCL/CN log from 30 4" 9.5# J-55 ultra flush joid depth of 3025', but was uto run the liner. The dec RU Superior to cmt. Pur TP 25#, 2 bpm, RD Superstands. It had 200 psi or Pumped 14.3 bbls of Cla 2559'. TOH w/tbg. RU // RIH open ended to 2311 FW. Pulled 15 stands. IC w/2% CACL & 5 bbls F	ctionally or recomplete horizontally, give she work will be performed or provide the Proved operations. If the operation results in all Abandonment Notices shall be filed only for final inspection.)  ead as needed. CO/ milled of 72'-1200'. Spotted sand plugoint liner and one time with 10 unable to get past 2826' +/ ision was then made to P&A mped 14.3 bbls of Class Cw/2 erior. Pulled back up to 2000 in TP bleed off. RIH tagged of ass C w/2% CACL 7 bbls FW Apollo. RIH to 1530' & shot 4'. RU Diamondback pumper RIH & tagged @ 2385'. Pullef W. Pulled 15 stands. Waits bls brine gel water. Spotted	Bond No on file in a multiple com ly after all require plants of 3 across op 0 joints of 3. The 5 1/2" the well. C 2% CACL 20". Waited 3 cmt @ 2836 /, 3 bpm TP 4 holes. Pued 60 sx of ed up to 23 ded 2 ½ hrs;	g & open hole to en hole w/ top of 1/2" 9.3# L-80 u casing was mille called OCD - Max and per sx T/8 hrs & went dow led up to 2 124, density 14. Illed out. RIH w/s class C cmt. Pu 11' & RU Superior tagged @ 2170'	new TD sand @ ltra flush d out to 3 ey 20#, 2 on & tagg 311'. RU 8. Waite gun & sho mped 14 or to pum . TOH w	nt reports shall be filed within 30 days real, a Form 3160-4 shall be filed once been completed, and the operator has a 3025'. Logged well w/3025'. Tried five times to run joint liner to a liner setting so25' between each attempt in and rec'd verbal approval. bpm, density 14.8, 9 bbls FW ed cmt @ 2835'. Pulled 10 d Diamondback to pump cmt. ed 2 ½ hrs. Tagged cmt @ ot holes @ 370'. RD Apollo3 bbls 3 bpm TP 124, 7 bbls p cmt. Pumped 60 sx Class retting RIH w/5 ½" CBP & set i
14. I hereby certify that the fores		20 SX CITIL L	aug on CBF.	Contab	I Dack of form.
Name (Printed/Typed) Lisa Hunt		Title	Regulatory Ana	vst	
Signature Line	Ahnt.	Date	12/19/2008	,,,,,	
- 100	THIS SPACE FOR FEDE	RAL OR S	TATE OFFICE	USE	
Harrid-	A Hlan	T	ETROLEUM ENG	T	Date JUN 1 5 2009
Approved by	WOULL		Hile TOLLOW ENC	MALEN	Date JUN 15 ZOUY

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or

certify that the applicant holds legal or equitable title to those rights in the subject lease

which would entitle the applicant to conduct operations thereon.

ROSWELL FIELD OFFICE

Drickey Queen Sand Unit #21 con'td

Pulled up to 1530'. Spotted 60 sx of Class C cmt & 4 bbls FW. TOH w/tbg. RIH & tagged @ 1610'. Pulled up to 1530'. Spotted 50 sx of class C w/2% 4 bbls FW. Pulled up; waited 2 ½ hrs. RIH. Tagged @ 1238'. Pulled up to 401'. Circ 60 sx. Pulled out. Top off w/5 sx. RD Superior. Broke off braden head. Cleaned location & installed surface marker. Well is now P&A.

il se visi not inggest version of National American se var

Copy sent to OCD Hobbs office for like approval.

part of fact to and

11.

RUSWILL FILL OFFICE

FIELD:

Caprock

DATE:

9-Jul-14

LEASE/UNIT:

BY: WELL: MWM 21

COUNTY:

Chaves

STATE:

**New Mexico** 

Location: 1980' FSL & 1980' FEL, Sec 3J, T14S, R31E

SPUD: 8/54 COMP: 8/54

KB = 4425'GL = 4416'

CURRENT STATUS: P&A'd Injector (12-08)

1238'

API = 30-005-00965

Original Well Name: Government B #10

Spot 5 sx @ surface.

11" assumed

**Drickey Queen Sand Unit** 

18-5/8" 22.7#/ft @ 330' w/175 sx, circ'd

Perf(4)@ 370' and circulated 60 sx from 401'; top off 5-1/2" w/5 sx

7-7/8" assumed

TOC at/above 1750'(11/08 CBL)

Perf(4)@ 1530' and spot a total of 110 sx cement; tag @ 1238'

CIBP @ 2125' w/ 25 sx cmt cap. Spot 60 sx plug @ 2311'. Tag TOC @ 2559'. Spot 2nd 60 sx plug @ 2311'. Tag TOC @ 2385'. Spot 3rd 60 sx plug @ 2311'. Tag TOC @ 2170'.

Spot 60 sx plug @ 3005'. Tagged TOC @ 2835'.

5-1/2" 14# @ 3030' w/300 sx

Top of Queen @ 3045':

Queen: 3045' - 3063' (8-54)

Sand plug from 3025' to 3072'

PBTD - 3072' TD - 3072'

Submit 1 Copy To Appropriate of Office		tate of New Me		C.	Form C-103 October 13, 2009
District I 1625 N. French Dr., Hobbs, NM	,	morais and ival	mai Resources	WELL API N	Ю.
District II 1301 W. Grand Ave., Artesia, N	M 88210 OIL COI	NSERVATION	DIVISION	5. Indicate T	30-005-00905
District III 1000 Rio Brazos Rd., Aztec, NA	1220	South St. Fran		STAT.	
District IV 1220 S. St. Francis Dr., Santa Fe 87505	5	anta Fe, NM 8	7505	6. State Oil 8	& Gas Lease No.
(DO NOT USE THIS FORM FO DIFFERENT RESERVOIR. US	RY NOTICES AND REPO OR PROPOSALS TO DRILL OR SE "APPLICATION FOR PERM	TO DEEPEN OR PL	UG BACK TO A	7. Lease Nar Rock Queen	ne or Unit Agreement Name Unit
PROPOSALS.)  1. Type of Well: Oil We	II Gas Well O	ther Injector		8. Well Num	ber 103
2 Name of Operator	ero Energy II, LP		·	9. OGRID N	umber 247128
3. Address of Operator 4	00 W. Illinois, Ste. 1601 Aidland, TX 79701			10. Pool nam Caprock; Que	
4. Well Location			**************************************	J F X	
Unit Letter H	: 1980 feet fr	rom the N	line and <u>66</u>		t from the E line
Section 34			ange 31E	NMPM	CountyChaves
	11. Elevation (	Show whether DR	, RKB, RT, GR, etc.	)	
			111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Alaja de telebraga har a dala panghi sanah melit ajam haraban santanda da Al
12.	Check Appropriate Bo	x to Indicate N	lature of Notice,	Report or Ot	her Data
NOTICE	OF INTENTION TO	٠.	l gun	SECLIENT	REPORT OF:
PERFORM REMEDIAL W	the state of the s		REMEDIAL WOR		☐ ALTERING CASING ☐
TEMPORARILY ABANDO	Committee of the commit		COMMENCE DR		
PULL OR ALTER CASING	MULTIPLE CO	MPL	CASING/CEMEN	T JOB	J .
DOWNHOLE COMMINGL	E 🗆		· .		
OTHER:			OTHER:		
of starting any pro	or completed operations. oposed work). SEE RULE ion or recompletion.	(Clearly state all 19.15.7.14 NMA	pertinent details, an C. For Multiple Co	nd give pertinent impletions: Atta	dates, including estimated date ach wellbore diagram of
2/7/11 - TIH O/E w/ 89		Pump 65 sx Clas stds & reversed o	ss "C" cmt w/ 2% C out. WOC 3 hrs. TIF	aCl2. Lead w/ 2	BFW, 10 bbls brine mud & ot tag.
bbls. TOH 14 stds (28 in	Pump 65 sx Class "C" cmt v ts) @ 1921'. WOC 3 hrs (2 , 10 bbls brine mud, 2 BFV	nd plug). TIH & 1	tag @ 2769'. Cmt ca	ame up 23'. Pur	np 50 sx Class "C" cmt w/ 2%
2/9/11 - TIH w/ 2 7/8" \	WS to tag plug. Tag @ 280	)7'.			
2/14/11 The su/ DD nor	of ninnla laceted 20051 a fi	any ft above TOC	@ 2807 Pumped 2	00 bbls of 10# b	rine mud & attempt to spot a
balanced plug cmt plug	containing 100 sx of Class aced 4 bbls short of balanci	"C" cmt w/ 2% C	CaCl2. Had good cir	rc when cmt was	mixed. Displacement of the
Spud Date:		Rig Release Da	ate:		
Andrew Control of the			L		gyfan melyynnaiddylaethau <sup>3</sup>
I hereby certify that the info	amation above is true and	complete to the b	ect of my knowledg	re and helief	
i neceby certify that the into	omation above is true and	complete to the o	est of thy knowledg	ge and benef.	
SIGNATURE Sus	a Hunt	TITLE Regula	atory Analyst		DATE 03/04/2011
Time or print name. I is II	unt	E-mail address	s: lhunt@celeroen	eray com	PHONE: (432)686-1883
Type or print name Lisa H For State Use Only	ULL	E-man addres	s. munuaccicioen	orgy.com	11101112. 4732/000-1003
APPROVED BY:		TITLE			DATE
Conditions of Approval (if	any):				

#### Rock Queen Unit #103 - C103 continued

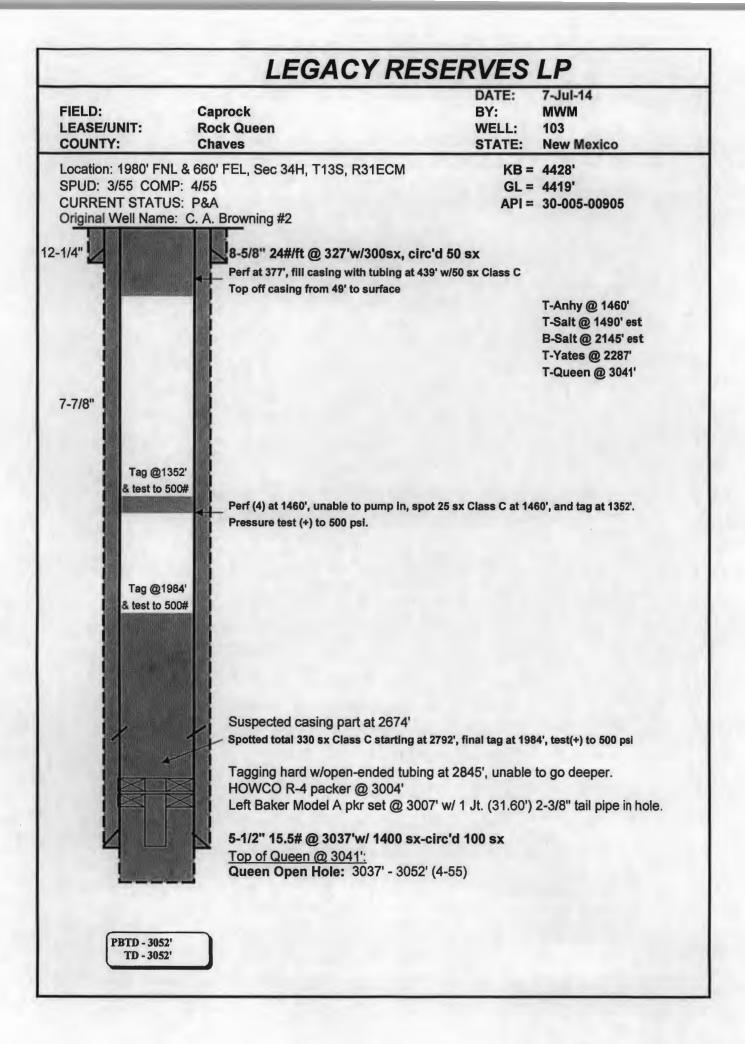
2/15/11 - TIH & tag w/ 85 jts @ 2678'. Pump 25 bbls brine mud, 5 BFW spacer, 50 sx Class "C" cmt w/ 2% CaCl2 & 3# sd/sx, followed w/ 2 BFW spacer. Displaced w/ 7.5 brine mud. TOH w/ 24 jts 2 7/8" WS to 1915'. WOC 2 hrs. Well did circ. TIH w/ 83 jts WS. Tag @ 2615'. Set pkr @ 1984'. Pump 3 bbls pressured up to 500#, held pressure for 15 min. Test okay. TIH w/ WL but could not get through pkr. TOH w/pkr.

2/16/11 - TiH w/ 62 jts. Set pkr @ 1954'. Tag cmt @ 1984'. Pull pkr up to 1229' & re-set. Shoot 4 holes @ 1460'. Tried to break circ pumped 3 bbls. Well pressured up to 1200#i. Could not break down perfs. Per Maxey Brown w/ NMOCD, we will spot 25 sx plug 50' below perfs @ 1515'. LD pkr & PU 2 7/8" perf sub & TiH w/ 48 jts @ 1515'. Pump 10 bbls brine mud, 5 BFW spacer 25 sx Class "C" cmt w/ 2% CaCl2, displace w/ 2 BFW & 4.6 bbls mud. TOC should be @ 1237'. Per Maxey Brown w/ NMOCD, call btm plug good & go ahead & perf @ 1460'. WOC 4 hrs before tagging plugs.

2/17/11 - TIH w/ 43 jts & perf sub. Tag @ 1352'. PU AD-1 pkr & TIH @ 1256' to test plug. Test to 500#. Held 15 min. No loss of pressure. Perf 4 holes @ 377'.

2/19/11 - TIH w/ 2 7/8" WS @ 377'. Break down perfs w/ 900#i. Pump 20 bbls @ 1.5 bpm @ 350 psi. Did not circ through annulus. TIH w/14 jts @ 439'. Spot 50 sx Class C 2% CACL. Psi while pumping @ 2 bpm 200#. Displace w/ 1 bbl 150 psi. TOH w/ 14 jts.

2/21/11 - TIH w/ 2 jts. Tagged 49'. Cut off WH's. Set P&A markers & reclaim location.



Submit I Copy To Appropriate District  Office  District I  1625 N. French Dr., Hobbs, NM 88240  FORBS OCD  District II	Form C-10
District I 1625 N. French Dr., Hobbs, NM 88240 HOBBS OCD District II	
1625 N. French Dr., Hobbs, NM 88240 TOBBS OCD	October 13, 20
	WELL API NO. 30-005-00873
OIL CONSERVATION DIVISION	5. Indicate Type of Lease
District III SEP 2 0 2011 1220 South St. Francis Dr. 1000 Rio Brazos Rd., Aztec, NM 87410	STATE X FEE
District IV 1220 S. St. Francis Dr., Santa Fe, NM PECER PR	6. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
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	Rock Queen Unit
PROPOSALS.)  I. Type of Well: Oil Well  Gas Well  Other Injection	8. Well Number 44
2. Name of Operator Celero Energy II, LP	9. OGRID Number 247128 —
3. Address of Operator 400 W. Illinois, Ste. 1601 Midland, TX 79701	10. Pool name or Wildcat
4. Well Location	Caprock; Queen
Unit Letter J: 1980 feet from the South line and 1980	feet from the East line
Section 26 Township 13S Range 31E	NMPM CountyChaves
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	
12. Check Appropriate Box to Indicate Nature of Notice, F	Penort or Other Data
	report of Other Data
	EQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK	=
TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRIL	
PULL OR ALTER CASING   MULTIPLE COMPL   CASING/CEMENT DOWNHOLE COMMINGLE	JOB 📙
OTHER: OTHER:	
<ol> <li>Describe proposed or completed operations. (Clearly state all pertinent details, and of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Com proposed completion or recompletion.</li> </ol>	give pertinent dates, including estimated d pletions: Attach wellbore diagram of
proposed completion of recompletion.	
	6. 90 in 2.2/9# W.C to 2/00 Cinc 0.0#
9/12/11:- RIH w/ 3 1/8" gun, 90 degree phasing & shoot 4 SPF @ 2281'. TIH w/ 32A pk 33V15 mud (31 bbls). TOH to 2094' & set pkr. Cmt w/ 40 sx Class "C" cmt w/ 2% CaCl to 800# while pumping cmt. Went to 1200# on displacement. SI w/ 1200#. WOC. TOH v 2000'. Pumped 8 bbls salt mud & TOH. Perf @ 1523' 4 SPF. TIH w/ 32A pkr to 1594' & 1333'. Pump 40 sx Class "C" cmt w/ 2% CaCl2. ICP 800#. Drop to 600# on cmt. SI w/ 8	2. Displace w/ 9.1 bbls ICP 1300#. Droppe v/ 32A pkr & TIH w/ circ sub & tag cmt @ test plug to 500#, ok. Pull up & set pkr @
9/12/11:- RIH w/ 3 1/8" gun, 90 degree phasing & shoot 4 SPF @ 2281'. TIH w/ 32A pk 33V15 mud (31 bbls). TOH to 2094' & set pkr. Cmt w/ 40 sx Class "C" cmt w/ 2% CaCl to 800# while pumping cmt. Went to 1200# on displacement. SI w/ 1200#. WOC. TOH v 2000'. Pumped 8 bbls salt mud & TOH. Perf @ 1523' 4 SPF. TIH w/ 32A pkr to 1594' & 1333'. Pump 40 sx Class "C" cmt w/ 2% CaCl2. ICP 800#. Drop to 600# on cmt. SI w/ 8	2. Displace w/ 9.1 bbls ICP 1300#. Droppe // 32A pkr & TIH w/ circ sub & tag cmt @ test plug to 500#, ok. Pull up & set pkr @ 00#. Displaced w/ 6.1 bbls.
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SEP 2 2 2011

Submit 1 Copy To Appropriate District	State of New Mexi	co	Form C-103		
District I	ergy, Minerals and Natural	Resources	October 13, 2009		
1625 N. French Dr., Hobbs, NM 88240 District II		WELL AP	1 NO. 30-005-00873		
1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION D	1 5 Indicate	e Type of Lease		
District III 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Franci	s Dr. STA	STATE S FEE 6. State Oil & Gas Lease No.		
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM	Santa Fe, NM 8750	6. State O			
SUNDRY NOTIC	ES AND REPORTS ON WELLS	7. Lease N	Name or Unit Agreement Name		
(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. Type of Well: Oil Well Gas Well Other Injection  2. Name of Operator Celero Energy II, LP			en Unit		
			umber 44		
			Number 247128		
3. Address of Operator 400 W. Illin		10. Pool n	name or Wildcat		
Midland, T	K 79701	Caprock; (			
4. Well Location		Caproon,	<u>Zuoon</u>		
Unit Letter J :	1980 feet from the South	line and 1980	feet from the East line		
Section 26	Township 13S Rang	e 31E NMPM	CountyChaves		
	11. Elevation (Show whether DR, R.	KB, RT, GR, etc.)			
			The State of the S		
12 Check A	opropriate Box to Indicate Nati	re of Notice Report or	Other Data		
12. CHOCK A	ppropriate box to indicate itali	ire of riotice, resport of	Olioi Data		
NOTICE OF INT	ENTION TO:	SUBSEQUEN	T REPORT OF:		
PERFORM REMEDIAL WORK		EMEDIAL WORK	☐ ALTERING CASING ☐		
TEMPORARILY ABANDON		OMMENCE DRILLING OPN	S. PANDA		
PULL OR ALTER CASING	MULTIPLE COMPL   C	ASING/CEMENT JOB			
DOWNHOLE COMMINGLE					
OTHER:	п	THER: Attempt to squeeze co	so leak		
	ted operations. (Clearly state all per		JE TOUR		
	k). SEE RULE 19.15.7.14 NMAC.				
proposed completion or reco					
7/30/11 - NDWH & NUBOP. Rele	ease pkr, pull & stand back 92 jts of 2	2 3/8" OD IPC tbg w/ special	thread lubricant + 4" AS1-X		
nickel plated pkr w/ profile nipple	& on/off tool. Well flowing intermitt	ently while pulling tbg w/ pk	r. TIH w/ 98 jts of 2 3/8" OD the		
	@ 3065' (TD). Circ hole w/ produced		teel pit showing gas in circ fluid		
Stopped circ. Well continued to flo	ow out tbg-csg annulus for 1 hour & o	lied.			
8/1/11 - Lower that to 3065' Pump	ed 50 bbls of 10# brine wtr. Unable t	o kill well w/o it flowing inte	ermittently. I Inable to snot sand t		
	CCL from 2000'-2991'. Ran & set W				
WS w/ cmt retainer stinger. Stung	into retainer. Pumped the tbg volume				
annulus to 500# & held okay.					
* Continued on attached sheet					
	•				
pud Date:	Rig Release Date:				
oud Date.	Rig Release Date:				
,					
pereby certify that the information al	pove is true and complete to the best	of my knowledge and belief.			
	sovo is the same complete to the seat	or my maio mouge and conton			
GNATURE LISA THE	<b>A</b>				
GNATURE CALL THE	TITLE Regulator	y Analyst	DATE 09/07/2011		
ype or print name Lisa Hunt	F-mail address	lhunt@celeroenergy.com	PHONE: (432)686-1883		
or State Use Only	L-man address.	manifeyorororororgy.com	(102)000-1005		
PPROVED BY:	TITLE		DATE		
Conditions of Approval (if any):					

Rock Queen Unit #44 - C103 continued

8/2/11 - Pump 5 BFW down tbg through retainer @ 400# & 2 BPM. Cmt stage #1: mix & pump 150 sx of Class "C" cmt w/ 2% CaCl2 @ 14.8 ppg. The 1st 100 sx had 3# sand per sx of cmt, followed w/ 50 sx of cmt mixed @ 15.2+ ppg. Displaced cmt to retainer @ 1 BPM & 350# SD psi. Over displaced cmt w/ 5 BFW. WOC 6 hrs. Cmt stage #2: pumped 6 BFW down tbg through retainer @ 1 ½ BPM & 800# psi. Mix & pump 110 sx of Class "C" cmt w/ 2% CaCl2 @ 14.8 ppg. 1st 50 sx had 3# sand per sx of cmt, followed w/ 60 sx of 14.8 ppg cmt. Displaced 1 bbl short of retainer @ 2932'. Staged twice & displaced cmt to retainer @ 830#. Unstung from retainer, reversed out small amount of cmt (1 sx), stung back into retainer. Staged 3 times, pumping a total of 0.1 bbl & psi went to 1500#. Unstung from retainer, LD 1 jt of tbg

8/3/11 - After WOC 10 hrs, TOH w/ tbg & retrieving head for cmt retainer. TIH w/ tbg & 3 3/8" OD bit. Tag @ 2936' per tally (WL depth = 2932'). Test 4" csg from surface to 2936' w/ 675#. Lost 25# in 15 min. Drl retainer & cmt from 2936'-2940' in 4 ½ hrs. Circ hole clean. Tested 4" csg w/ 550#, losing 25# in 10 min.

<u>8/4/11</u> - Tag @ 2940'. Drill cmt to 3000' & fell out of cmt. Well started back flowing slightly. Test 4" csg from surface to 3000'. Pumped 5 BPW @ 1 BPM & 1250# psi. Lower & tag @ 3006'. Drilled 5'-3011', cmt not firm. Pumped 5 BPW @ 1 BPM @ 1200# psi. Pumped 100 BPW @ 1.2 BPM & 1700-1750# psi. ISIP = 1100#, 5 min = 1100#, 10 min = 1100# & 15 min = 1095#.

<u>8/5/11</u> - TP this am = 800#; SICP = 750#. Flow well 5 hours & recovered 170 bbls formation fluid. FTP diminished from 800#-210#; FCP went from 750#-200#. Pumped 57 BPW down tbg & kill well. TOH w/ tbg & bit. TIH w/ 83 jts of 2 3/8" tbg WS w/ Watson pkr's 4" SL-4 pkr to 2599'. Load & test tbg-csg annulus to 500# & held okay. Pumped 70 BPW @ 2 BPM @ 200# psi. Mix & pump 50 sx of Class "C" cmt w/ 2% CaCl2 @ 14.8 ppg followed w/ 50 sx of Class "C" cmt w/ 2% CaCl2 @ 15.2 ppg & displaced to 3007' w/ tbg on vacuum. Over displaced cmt w/ 5 BFW. Zone(s) did not build any pressure. WOC 2 hrs. Pumped 5 BFW @ 200# & 1 ½ BPM down tbg & cmt truck broke down. Did not cmt the 2<sup>nd</sup> stage.

8/9/11 - Pump 5 BFW down tbg through pkr @ 2599' into csg leak @ 3007', perf's & open hole w/ 250# & 1.3 BPM. Pumped 100 sx of Class "C" cmt w/ 2% CaCl2 & displaced w/ 150# psi & ¾ BPM to 2684', 1+ bbl below pkr. SD psi = 75#. CWI.

<u>8/10/11</u> - After WOC 14 hrs, TOH w/ tbg & pkr. TIH w/ 2 3/8" tbg WS & 3 3/8" tricone bit. Tag cmt @ 2603'. Circ hole recovering some gas that was trapped in the tbg-csg annulus. Otherwise, no gas was noticed in fluid. Test cmt squeeze job to 600#. Lost 10# in 30 min. Tested twice w/ same results. Pull & LD 2 3/8" OD tbg WS. TIH w/ 2 3/8" OD IPC tbg.

8/11/11 - LD 2 3/8" IPC tbg. NDBOP & NUWH. Installed 2 3/8" x4' tbg sub w/ collar on btm & 2 1/16" SS valve tbg valve. CWI.

FIELD: LEASE/UNIT: Caprock Rock Queen

BY: WELL:

DATE:

7-Jul-14 MWM 44

COUNTY:

7-7/8"

Chaves

STATE:

TE: New Mexico

Location: 1980' FSL & 1980' FEL, Sec 26J, T13S, R31E

SPUD: 7/55 COMP: 7/55

CURRENT STATUS: P & A

KB = 4406' GL =

API = 30-005-00873

Original Well Name: Manery #1

Tag @1350'

Tag @2000' & tested

Tag @2603' & tested

& tested



8-5/8" 32# @ 193' w/100 sx, circ'd

Perf(4) at 243', fill 4" and 5-1/2"-by-8-5/8" annulus with 120 sx Cl C-circ 10 sx

P&A-9/13/11

T-Anhy @1416' T-Salt @1523' B-Salt @2182' T-Yates @2281' T-Queen @3032'

Perf (4) at 1523' and squeeze 40 sx CI C to 800 psi-tag at 1350'

Perf (4) at 2281' and squeeze 40 sx Ci C to 1200 psi-tag at 2000'

TOC @ 2520' (CBL, 5/07)

TOC at 2603'-tested(+) to 600 psi.

Sqz'd perfs & 4" shoe 3 times w/ total of 460 sx 14.8-15.2 ppg CI C 4" 9.5# J-55 flush joint liner from 3007' to surface w/100 sx.

Queen: 3032'-3047' (07-55)

3035' - 3050' (4 SPF) (12-07)

5 1/2" 14# J-55 @ 3049' w/125 sx

PBTD - 3065' TD - 3065'

Submit I Com To An		a : a :		Form	C-103
Submit I Copy To Ap Office		State of New Me		Revised Augus	
District I - (575) 393-		rgy, Minerals and Natu	ral Resources	WELL API NO.	(1,2011
1625 N. French Dr., H District II – (575) 748	-1283 LORRS OCD OT	CONGERVATION	DIVICION	30-005-00907	
811 S. First St., Artesi	-1283 40BBS OCD OT	L CONSERVATION	DIVISION	5. Indicate Type of Lease	
District III - (505) 334 1000 Rio Brazos Rd.,	Aztec, NM 874100 1 2013	1220 South St. Fran		STATE FEE X	
		Santa Fe, NM 87	7505	6. State Oil & Gas Lease No.	
1220 S. St. Francis Dr 87505	., Sailla FC, NIVI				
	SUNDRY NOTICES AND	REPORTS ON WELLS		7. Lease Name or Unit Agreement	Name
(DO NOT USE THIS	FORM FOR PROPOSALS TO DE VOIR, USE "APPLICATION FO	RILL OR TO DEEPEN OR PL R PERMIT" (FORM-G-10.1).FO	JG BACK TO A OR SUCH	Rock Queen Unit	
PROPOSALS.)	<u></u> .		X. 000.	8. Well Number 101	
1. Type of Well:		Other Injector	ノ	101 /	
2. Name of Opera	ator Celero Energy II, LP			9. OGRID Number 247128	
3. Address of Op	erator 400 W. Illinois, Ste.	1601		10. Pool name or Wildcat	
	Midland, TX 79701	1001		Caprock; Queen	
4. Well Location					
Unit Lett		feet from the N	line and 1980	feet from the W	line
Section			inge 31E	NMPM County Chaves	
		vation (Show whether DR			
	•	. \			
	12. Charlore only ugging of well bore only ugging of well bore only ugging of well bore only record is retained pending record is retained pending for Subsequent OCD will for may be found at OCD will may be found at OCD will be not usloced.	eipt of ticate N	ature of Notice,	Report or Other Data	
	ugging of well boll banding recu good is retained pending reco bond is retained pending Report pond is retained at OCD with ich may be found at OCD with his tate.nm.uslocd	of Men		•	
· · · · · · · · · · · · · · · ·	agging retained prent Report	sp bage		SEQUENT REPORT OF:	
Principled inder t	ond is subsect at OCD	· <u>1</u>	REMEDIAL WOR		
Liability Unocifi	ically to be four.		COMMENCE DRI		$\boxtimes$
C-103 (SP whi	ich was	COMPL	CASING/CEMEN	L JOB	
E Plugging) will under forms!	ctate.nm.usic				
O) under emnrd	ich may I state.nm.uslocd	П	OTHER:		П
WMAN.	proposed or completed one	rations (Clearly state all		d give pertinent dates, including estim	nated date
of starting	any proposed work). SEE	RULE 19.15.7.14 NMA	C. For Multiple Con	mpletions: Attach wellbore diagram of	of
	completion or recompletion		or cormunity out		
• •					
7/19 -7/30/13 TIH to 1900' ta	g un Worked through & Ti	H to 2303' Tag up could	not work through	PU PS & BP. TIH to 2303', could not	work
through Circ we	ell w/ PW, but still cold not	work through. TIH to bri	dge @ 2303', re-circ	well w/ 45 bbls PW. Psi went from 9	000#-
1900# then brok	te to 0. TOH w/ PS & BP. F	U 4.5" impression block.	TIH to 2810'. RIH	w/ CIBP, could not get down to 2803	'. Set
CIBP @ 2790'.	TIH OE & spot 25 sx Class	s "C" cmt w/ 2% CACL, c	lisplace w/ 9 bbls. T	OH.& WOC. TIH & TAG @ 2598'.	CIRC
				D-IPKR. TIH TO 2179' & TEST CS	
				08' & 371'. TOH W/PKR. SHOOT 4	
@ 2132". P/U A	.D-1 PKK & 11H & 5E1 (@	), 1745' COULD NOTES	TOU & WOO T	O PERFS. TOH W/PKR. TIH O/E T IH & TAG @ 1963', CIRC MUD TO	1280'
TOH, SHOOT	4 SPF @ 1280'. TIH W/ A	D-1 PKR & SET @ 995'.	COULD NOT EST	ABLISH INJ RATE. TOH W/PKR,	TIH
W/ PS & BP TC	) 1341'. PUMP 25 SX CL '	"C" W/ 2% CACL. DISP	W/ 3.5 BBLS MUI	D. TOH & WOC 4 HRS. TIH & TAC	G @
			5 ½" csg to surface	w/ 265 sx Class"C" w/ 2% CACL. NI	DBOP.
Dig out & CO V	VH's. Set P&A marker. We	ell is now P&A'd.			
010.4		D's D lasse D			
Spud Date:		Rig Release D	ate:		
I haveby contifue the	at the information above is t	·	agt of my lenguilode	a and haliaf	
i nereby certify the	it the information above is t	true and complete to the o	est of my knowledg	e and belief.	
٨	$\mathcal{D}$ . $I$	,			
SIGNATURE	Jusa Stur	TITLE Regul	atory Analyst	DATE <u>07/31/2013</u>	
Type or print name		E-mail addres	s: <u>lhunt@celeroene</u>	ergy.com PHONE: (432)686-	1883
For State Use On	IY CONTRACTOR OF THE PROPERTY		,		
A DDD OVED DV	Donne	TITLE 2	ret MC	PATE 8-7-	7012
APPROVED BY: Conditions of App		HILE	1. 1009	DATE 8-7-2	
Conditions of App	TOVAL (II ally).				h-
	/			AUG 07 2013 X	

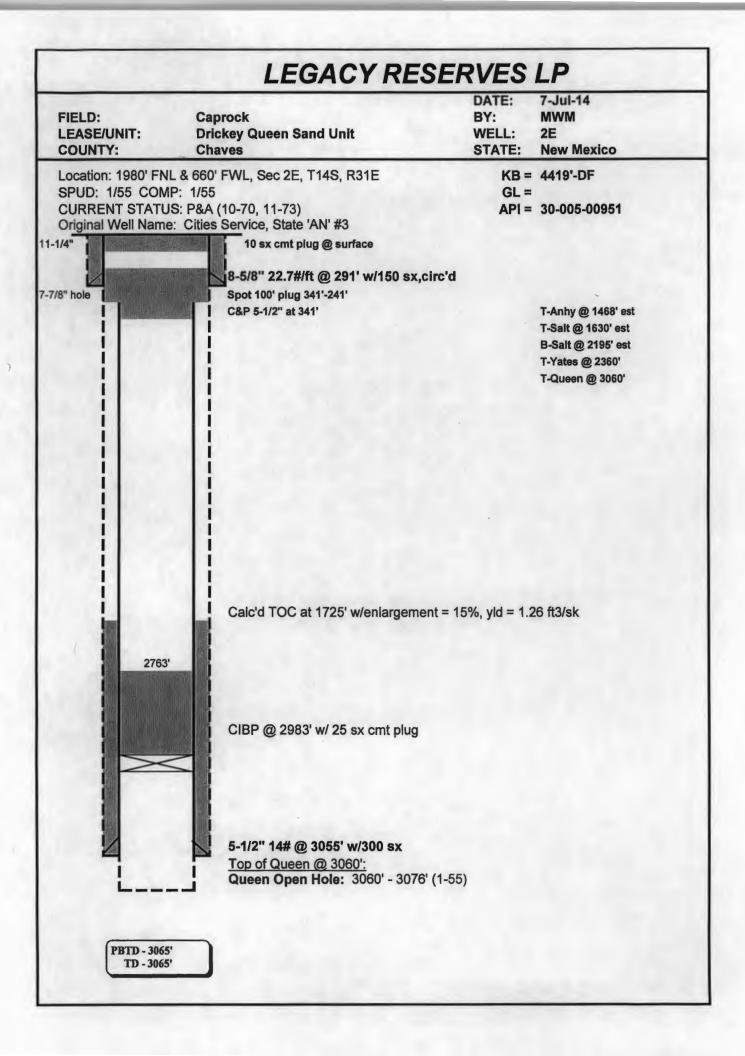
DATE: 7-Jul-14 FIELD: Caprock BY: MWM LEASE/UNIT: **Rock Queen Unit** WELL: 101 COUNTY: Chaves STATE: **New Mexico** Location: 1980' FNL & 1980' FWL, Sec 34F, T13S, R31E KB = 4307' SPUD: 11/55 COMP: 11/55 GL = **CURRENT STATUS: !P&A** API = 30-005-00907 Original Well Name: Gulf Oil Company C. A. Browning #4 11" 8-5/8" 26.40 #/ft @ 268' w/175 sx-circ'd Csg lk(s) at 308'-371'; circulated both sides from 425' w/265 sx. T-Anhy @ 1280' T-Salt @ 1390' B-Salt @ 1995' T-Yates @ 2152' T-Queen @ 2905' 1152' P&A Perf (4)@ 1280', spot 40 sx at 1341', tag at 1152' 1341' 7-7/8" 1963' Perf (4)@ 2152', spot 40 sx at 2210', tag at 1963' 2210' Calc'd TOC @ 2568' w/enlargement = 15%; yld = 1.26 ft3/sk 2598' CIBP @ 2790', cap w/25 sx 5-1/2" 14# @ 2903' w/75 sx Top of Queen @ 2905': Queen Open Hole: 2903' - 2946' (11-55) PBTD - 2922' TD - 2946'

# Dasy ZET

TRIBUTION  TO FE	NEW MEXICO OIL CONSERVATION COMMISSION	Form C-103 Supersedes Old C-102 and C-103 Effective 1-1-65
J.S.G.S.		5a. Indicate Type of Lease
AND OFFICE		State X Fee.
PERATOR		5. State Oil & Gas Lease No.
	30-005-00951	E-6401
SUNDR	Y NOTICES AND REPORTS ON WELLS	
USE "APPLICATI	POSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.	7. Unit Agreement Name
WELL GAS WELL	OTHER- P & A	
Name of Operator  Weldom S. Guest & I.  Address of Operator	J. Volfson	8. Form of Lease Name Dricks Queen Sand Unit Tr 38 9. Well No.
	Services, Inc., Box 763, Hobbs, New Mexico	3, 101 101
Location of Well	and and and took the same and t	10. Field and Pool, or Wildcat
UNIT LETTER E	1980 FEET FROM THE North LINE AND 660 FEET	Caprock Queen
THE West LINE, SECTIO	2 14.8 27.8	мрм.
mmmmmmm	With the state of	
	15. Elevation (Show whether DF, RT, GR, etc.) 4412 GR	Chaves
Charles	*****	
NOTICE OF IN	Appropriate Box To Indicate Nature of Notice, Report or	ENT REPORT OF:
work) SEE RULE 1 103.	erations (Clearly state all pertinent details, and give pertinent dates, inclu	ding estimated date of starting any propose
Shot off 5 l 10 sack plug	and found top of cement at 341.  /2" casing at 341, spotted 100' plug 341 to at surface with regulation marker.  between plugs.  ded 11/1/73.	241.
,		
3. I hereby certify that the information	above is true and complete to the best of my knowledge and belief.	·
1.1	above is true and complete to the best of my knowledge and belief.	DATE 11/5/75

DISTRIBUTION ANTA FE NEW MEX ILE .s.g.s.	,	Form C-103 Supersedes Old
ILE		C-102 and C-103
	ICO OIL CONSERVATION COMMISSION	Effective 1-1-65
.N.G.S.		Eg Indiagte Tune of Lance
	•	State Y Fee
AND OFFICE		
PERATOR		5. State Oil & Gas Lease No.
		E-6401
SUNDRY NOTICES AND FOR PROPOSALS TO DRILL OR TO LUSE THIS FORM PAPELED THE PERMIT -" (FOR	REPORTS ON WELLS	
USE "APPLICATION FOR PERMIT -" (FOR	M C-101) FOR SUCH PROPOSALS.)	
OIL GAS		7. Unit Agreement Name
WELL OTHER-		B.Q.S.U.
Name of Operator		8. Farm or Lease Name
Cities Service Oil Company		Tract 38
Address of Operator		9. Well No.
Box 69 - Hobbs, New Mexico 88240		3
Location of Well		10. Field and Pool, or Wildcat
UNIT LETTER & 1980	North LINE AND 660 FEET FRO	Caprock Queen
UNIT LETTER ,FEET FROM T	HE LINE AND FEET FRO	M TITITITITITITITITITITITITITITITITITITI
THE West LINE, SECTION 2 TOW	NSHIP 14S RANGE 31E NMPI	
THE LINE, SECTION TOW	NSHIP 145 RANGE 31E NMPI	·(
TITTI IS Elevation	n (Show whether DF, RT, GR, etc.)	12. County
	12 Gr	VIIIIII
	o Indicate Nature of Notice, Report or O	Chaves ///////
3. Loaded hole with mud laden flu	Indoned in the following manner: $(5\frac{1}{2})^{1}$ set @ 3055 w/300 sxs) op of bridge plug @ 2983 - 2763.	
4. Set a 10 sack cement surface p	lug @ 30=0 with a 4" marker exten	iding 41 above
the surface to designate a P &	A location.	
	Il debris and equipment and is re	edy for
5. Location has been cleared of a		,
5. Location has been cleared of a final inspection.		
final Inspection.		
	lete to the best of my knowledge and belief.	
final Inspection.	lete to the best of my knowledge and belief.	
final inspection.	lete to the best of my knowledge and belief.	or DATE 10-27-70

CONDITION OF APPROVAL, IF ANY:



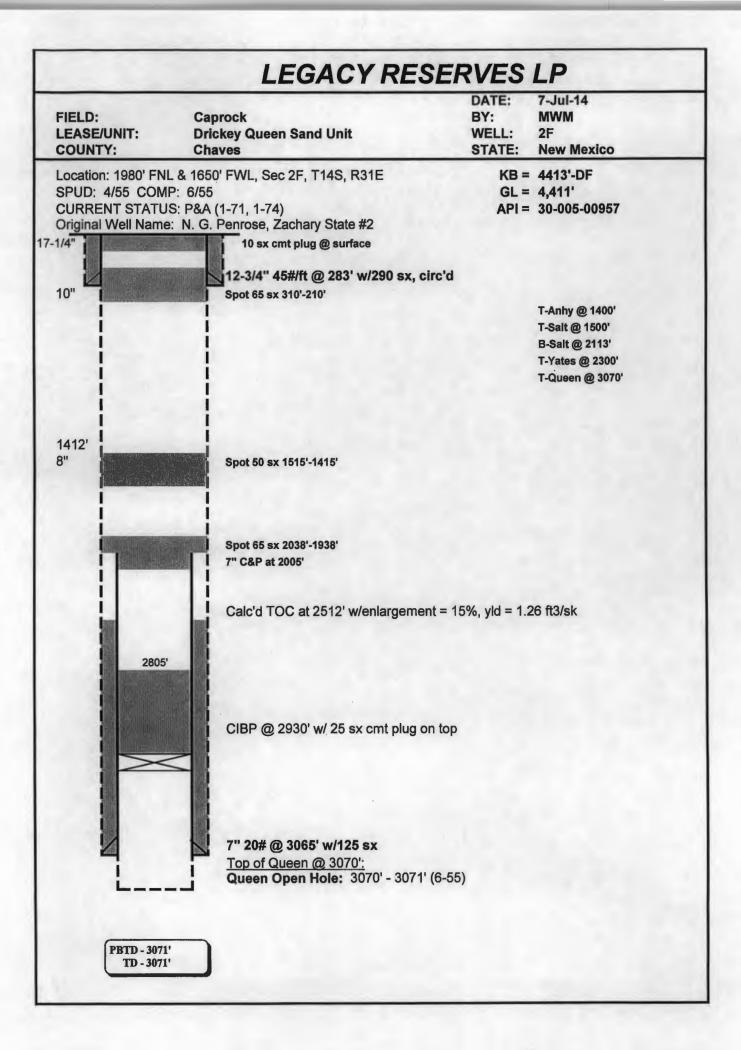
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O. OF COPIES RECEIVED	7	Form C-103 Supersedes Old
DISTRIBUTION TA FE	NEW MEXICO OIL CONSERVATION COMMISSION	C-102 and C-103
F.LE	MEH MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
U.S.G.S.		5a. Indicate Type of Lease
LAND OFFICE	4	State X Fee.
OPERATOR .	-	5, State Oil & Gas Lease No.
OF ERATOR 1	30-005.00959	E-7661
		miniminim
(DO NOT USE THIS FORM FOR I	DRY NOTICES AND REPORTS ON WELLS PROPOSALS TO GRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. CATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	7. Unit Agreement Name
OIL GAS WELL WELL	OTHER- P&A	
2, Name of Operator  Weldon 3. Guest & I.	t Walter	8. Form or Lease Name Brickey
Address of Operator	4 - MOTT GOIL	Queen Sand Unit Tr 40
	a Canadaan Tua Dan 860 Halla No. Martin	9. Well No.
CO OIL Reports & Ga	as Services, Inc., Box 763, Hobbs, New Mexico	2
. Location of Well	2010	10. Field and Pool, or Wildcat
UNIT LETTER	1980 FEET FROM THE North LINE AND 1650 FEET FROM	Caprock Queen
THE NEST LINE, SEC	TION 2 TOWNSHIP 14 8 RANGE 31 E NMPM	
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	AAII GR	Chaves
NOTICE OF	Appropriate Box To Indicate Nature of Notice, Report or Ot INTENTION TO: SUBSEQUENT	ther Data T REPORT OF:
		_
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	COMMENCE DRILLING OPHS.	PLUG AND ARANDOMENT
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JOE	2250 2347.
	OTHER Re-enter and sal	Vage caming X
OTHER		
Shot Spotts Spotts Spotts Set 16	of plugged and abandoned 1/17/74 as follows:  7" casing @ 2005' and pulled.  ed plug from 1938' to 2038' with 65 macks  ed plug from 1415' to 1515' with 50 macks  ed plug from 210' to 310' with 65 macks  of plug from 210' to 310' with 65 macks  of sack plug at surface with regulation marker.  ion cleared and leveled and ready for inspection.	
8. I hereby certify that the information of the second of	lon above is true and complete to the best of my knowledge and belief.	DATE
John W	Numara Garage	AUG 2 1974

CONDITIONS F APPROVAL, IF ANY:

HO. OF COPIES RECEIVED		Form C-103
DISTRIBUTION		Supersedes 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 K Fee.
OPERATOR		5, State Oil & Gas Lease No.
		E-7661
	RY NOTICES AND REPORTS ON WELLS ROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. ATION FOR PERMIT - " (FORM C-101) FOR SUCH PROPOSALS.)	
OIL GAS WELL	OTHER- Water Injection	7. Unit Agreement Name D.Q.S.U.
2. Name of Operator		8. Farm or Lease Name
Cities Service (	Olf Company	Tract 40
3. Address of Operator	•	9. Well No.
Box 69 - Hobbs,	New Mexico	2 .
4. Location of Well		10. Field and Pool, or Wildcat
UNIT LETTER	1980 FEET FROM THE North LINE AND 1650 FEET	Caprock Queen
V		
THE West LINE, SECT	TION 2 TOWNSHIP 145 RANGE 31E	NMPM.
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	-	Chaves ()
PERFORM REMEDIAL WORK  TEMPORARILY ABANOON  PULL OR ALTER CASING	PLUG AND ABANDON REMEDIAL WORK COMMENCE DRILLING OPNS. CHANGE PLANS CASING TEST AND CEMENT JQB OTHER	ALTERING CASING PLUG AND ABANDONMENT
PULL OR ALTER CASING OTHER	CHANGE PLANS CASING TEST AND CEMENT JOB	PLUG AND ABANDONMENT
TEMPORARILY ABANCON PULL OR ALTER CASING  OTHER  17. Describe Proposed or Completed Co	CHANGE PLANS  CASING TEST AND CEMENT JQB  OTHER  Operations (Clearly state all pertinent details, and give pertinent dates, inc  was plugged and abandoned on 6/17/70 in the fridge plug @ 2930. (7" set @ 3069 w/125 sxs)  ack cement plug on top of bridge plug @ 2930-  with mud laden fluid.  ack cement surface plug @ 30-0 with a 4" mark  surface to designate a P & A location.  s been cleared of all debris and equipment an	PLUG AND ABANDONMENT X  luding estimated date of starting any proposed  ollowing manner:  2805.  er extending 41
TEMPORARILY ABANCON PULL OR ALTER CASING  OTHER  17. Describe Proposed or Completed Complete Comple	CHANGE PLANS  CASING TEST AND CEMENT JQB  OTHER  CA	luding estimated date of starting any proposed of lowing manner:  2805.  er extending 41  d is ready for

INDITION OF APPROVAL



C Dasu 2L. C

OIL GAS		Sa. Indicate Type of Lease State X Fee   5. State Oil & Gas Lease No.  8. Farm or Lease Name  9. Farm or Lease Name  18. Farm or Lease Name  19. Farm or Lease Name  19. Farm Sand Unit 27 38
TRIBUTION  TAFE  FILE  U.S.G.S.  LAND OFFICE  OPERATOR  OPERATOR  SUNDRY N  (DO NOT USE THIS FORM FOR PROPOSA USE "APPLICATION F  OIL GAS WELL  CAS WELL  Address of Operator  Weldom S. Guest & I. J  Address of Operator  C/O 011 Reports & Gas Ser  Location of Well  L	30-005- ROTICES AND REPORTS ON WELLS LIS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFER OR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.]  OTHER- PAA  WOLFSON	Supersedes Old C-102 and C-103 Effective 1-1-65  Sa. Indicate Type of Lease State  Fee.  5. State Oil & Gas Lease No.  E-6401  SENT RESERVOIR.  7. Unit Agreement Name  8. Farm or Lease Name  Priore  18. Farm or Lease Name  19. Farm Sand Unit 27 38
OIL GAS WELL GAS SET LOCATION of Well Lo	30-005- ROTICES AND REPORTS ON WELLS LIS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFER OR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.]  OTHER- PAA  WOLFSON	C-102 and C-103 Effective 1-1-65  Sa. Indicate Type of Lease State  Fee.   5. State Oil & Gas Lease No.  B-6401  ENT RESERVOIR.  7. Unit Agreement Name  8. Farm or Lease Name  Dicket  Case Sand Unit Tr 38
U.S.G.S.  LAND OFFICE  OPERATOR  OPERATOR  SUNDRY N  (DO NOT USE THIS FORM FOR PROPOSA USE "APPLICATION F  WELL GAS WELL WELL SALE  ON Name of Operator  Veldam S. Guest & I. J  Address of Operator  C/O 011 Reports & Gas Ser  L. Location of Well  T. 183	30-005- ROTICES AND REPORTS ON WELLS LIS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFER OR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.]  OTHER- PAA  WOLFSON	Sa. Indicate Type of Lease State X Fee. 5. State Oil & Gas Lease No.  B-6401  TENT RESERVOIR.  7. Unit Agreement Name  8. Farm or Lease Name  Cusen Sand Unit 27 38
U.S.G.S.  LAND OFFICE  OPERATOR  (DO NOT USE THIS FORM FOR PROPOSA  OIL CAS WELL WELL  Name of Operator  Voldon S. Quest & I. J  Address of Operator  C/O Cli Reports & Gas Ser  Location of Well	OTICES AND REPORTS ON WELLS LIS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFER OR PERMIT - " (FORM C-101) FOR SUCH PROPOSALS.]  OTHER-  P & A  WOLFSON	State X Fee. 5. State Oil & Gas Lease No.  E-6401  7. Unit Agreement Name  8. Farm or Lease Name  Printe  Queen Sand Unit 27 38
OPERATOR  SUNDRY N  (DO NOT USE THIS FORM FOR PROPOSA  OIL SE "APPLICATION F  WELL SAS WELL S. Address of Operator  O/O Cil Reports & Gas Ser  Location of Well  L. 183	OTICES AND REPORTS ON WELLS LIS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFER OR PERMIT - " (FORM C-101) FOR SUCH PROPOSALS.]  OTHER-  PAA  WOLFSON	State X Fee. 5. State Oil & Gas Lease No.  E-6401  7. Unit Agreement Name  8. Farm or Lease Name  Queen Sand Unit To 38
OPERATOR  SUNDRY N  (DO NOT USE THIS FORM FOR PROPOSA  OIL	OTICES AND REPORTS ON WELLS LIS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFER OR PERMIT - " (FORM C-101) FOR SUCH PROPOSALS.]  OTHER-  PAA  WOLFSON	5. State Oil & Gas Lease No.  E-6401  7. Unit Agreement Name  8. Farm or Lease Name  Queen Sand Unit Tr 38
SUNDRY N  (DO NOT USE THIS FORM FOR PROPOSA  OIL CAS WELL  Name of Operator  Voldom S. Quest & I. J  Address of Operator  (O Cl) Reports & Gas Ser  Location of Well	OTICES AND REPORTS ON WELLS LIS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFER OR PERMIT - " (FORM C-101) FOR SUCH PROPOSALS.]  OTHER-  PAA  WOLFSON	E-6401  TENT RESERVOIR.  7. Unit Agreement Name  8. Farm or Lease Name  Queen Sand Unit 2r 38
Name of Operator  Veldom S. Quest & I. J  Address of Operator  O/O Cil Reports & Gas Ser  Location of Well	OTICES AND REPORTS ON WELLS LIS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFER OR PERMIT - " (FORM C-101) FOR SUCH PROPOSALS.]  OTHER-  PAA  WOLFSON	7. Unit Agreement Name  8. Farm or Lease Name  Queen Sand Unit 2r 38
Name of Operator  Veldom S. Quest & I. J  Address of Operator  O/O Cil Reports & Gas Ser  Location of Well	• Wolfson	7. Unit Agreement Name  8. Farm or Lease Name  Queen Sand Unit 1: 38
Name of Operator  Veldom S. Quest & I. J.  Address of Operator  C/O Oll Reports & Gas Ser  Location of Well	. Wolfson	8. Form or Legae Name Dricke Queen Sand Unit Tr 38
Name of Operator  Veldom S. Quest & I. J  Address of Operator  C/O Cil Reports & Gas Ser  Location of Well	. Wolfson	Queen Sand Unit Tr 38
Address of Operator  o/o C11 Reports & Gas Ser  Location of Well		Queen Sand Unit Tr 38
c/o Cil Reports & Gas Ser Location of Well	when You To MAR Wall W	9, Well No.
T. 18%	Arcee tro. 4 nox 103 Hoppe New	
UNIT LETTER I		10. Field and Pool, or Wildcat
	FEET FROM THE SOUTH LINE AND	660 Caprock Queen
THE WEST LINE, SECTION_	2 TOWNSHIP 14 8 RANGE	52 E NAPA.
		VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
	15. Elevation (Show whether DF, RT, GR, etc.	(c.) 12. County
	4385 GR	Chaves
Check App	ropriate Box To Indicate Nature of Not	
NOTICE OF INTE	NTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WOR	ALTERING CASING
TEMPORARILY ABANDON		
The same of the sa	COMMENCE DRI	
PULL OR ALTER CASING		Re-enter & column and me
	OTHER	Re-enter & salvage casing
OTHER		
Spotted 100' plug Spotted 100' plug Set 10 sack plug	t off 5 1/2" casing at 998.  3 998 to 1098 with 30 sacks.  3 275 to 375 with 30 sacks.  at surface with regulation many  32) between all plugs.	ker.

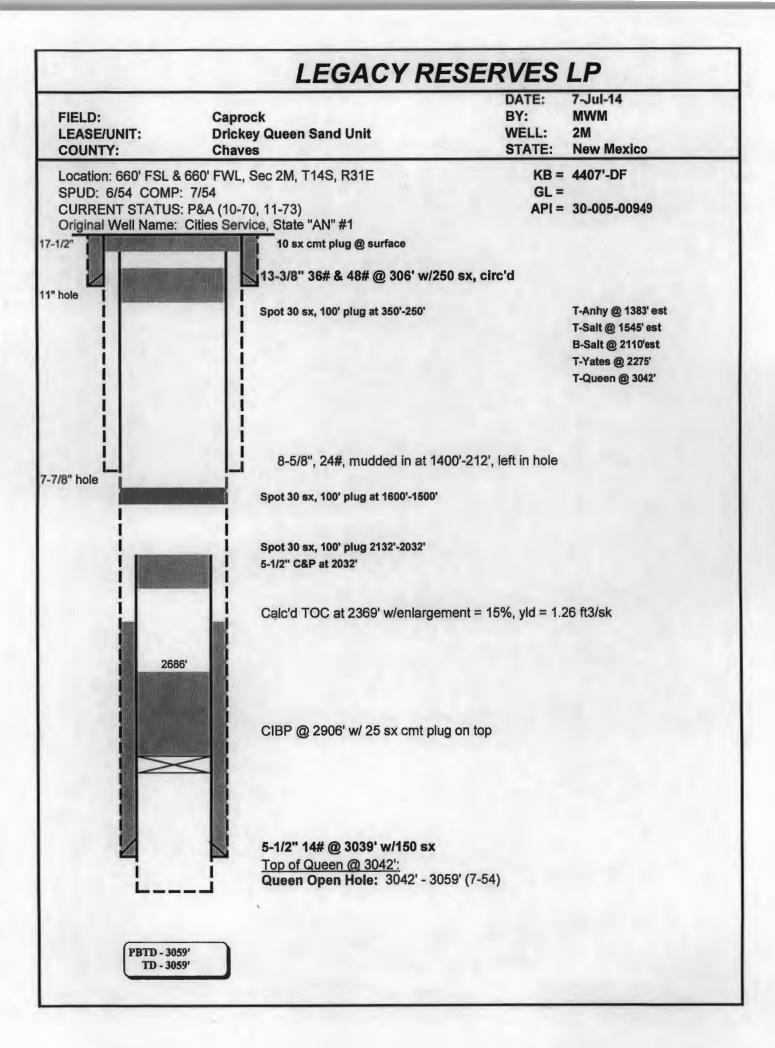
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				2 24
NO. OF COPIES RECE				Form C-103 Supersedes Old
DISTRIBUTION	4			C-102 and C-103
SANTA FE		NEW MEXICO OIL CONS	ERVATION COMMISSION	Effective 1-1-65
FILE				(c. )
U.S.G.S.				5a. Indicate Type of Lease
LAND OFFICE				State Z Fee
OPERATOR				5. State Oil & Gas Lease No. <b>E-640 l</b>
	SUNDRY NOTI	CES AND REPORTS ON	WELLS	
(DO NOT USE	THIS FORM FOR PROPOSALS TO	CES AND REPORTS ON	ACK TO A DIFFERENT RESERVOIR. H PROPOSALS.)	7, Unit Agreement Name
OIL WELL 2. Name of Operator	GAS WELL OTHER	- Water inject	tion	D.Q.S.U.  8. Form or Lease Name
	Service Oil Compa	any		Tract 38
	- Hobbs, New Mex	1 co 88240		2
4. Location of Well	100031 Hen Hex	5	(1/2)	10. Field and Pool, or Wildcat
	عليك	Morth	TINE AND 4620 FE	Caprock Ousen
UNIT LETTER	1	FEET FROM THE	FEINE AND TOLO FEI	THE PROM
-	1/	2 TOWNSHIP 145	31E	
THE PROPERTY	LINE, SECTION	TOWNSHIP 1595	RANGE JE	NMPM. ()
THITTINITE OF THE PARTY OF THE	THITTITITITITITITITITITITITITITITITITIT	15. Elevation (Show whether	DF, RT, GR, etc.)	12, County
		4385		
16.	Charles			Chaves (\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
1	Check Appropriation		ature of Notice, Report	OF Other Data QUENT REPORT OF:
PERFORM REMEDIAL W	ORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	' <u> </u>		COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING		CHANGE PLANS	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
		CHANGE PLANS		PLUG AND ABANDONMENT
		CHANGE PLANS	CASING TEST AND CEMENT JOB	PLUG AND ABANDONMENT
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PULL OR ALTER CASING	d or Completed Operations		CASING TEST AND CEMENT JQB	
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### LEGACY RESERVES LP DATE: 7-Jul-14 BY: FIELD: Caprock MWM 2L LEASE/UNIT: **Drickey Queen Sand Unit** WELL: COUNTY: Chaves STATE: **New Mexico** KB = 4389' DF Location: 3450' FNL & 4620' FEL, Sec 2L, T14S, R31E SPUD: 7/54 COMP: 8/54 GL = 4,385CURRENT STATUS: P&A (11-70, 11-73) AP1 = 30-005-00950Original Well Name: Cities Service, State 'AN' #2 10 sx cmt plug @ surface 8-5/8" 22.7# & 24# @ 328' w/175 sx, circ'd 7-7/8" hole Spot 100' plug 375'-275' T-Anhy @ 1392' T-Salt @ 1465' est B-Salt @ 2135' est T-Yates @ 2264' T-Queen @ 3024' Spot 100' plug 1098'-998' 5-1/2" C&P at 998' Calc'd TOC at 1664' w/enlargement = 15%, yld = 1.26 ft3/sk 2699' CIBP @ 2899' w/ 25 sx plug 5-1/2" 14# @ 3004' w/300 sx Top of Queen @ 3024: Queen Open Hole: 3024' - 3031' (8-54) PBTD - 3031' TD - 3031'

Dasy ZM.

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NEW MEXICO OIL CONSERVATION COMMISSION  FILE  JAMO OFFICE  OPERATOR  SUNDRY NOTICES AND REPORTS ON WELLS  ON NOT USE THE FEW PROPERTY OF THE PARTY FOR THE PROPERTY OF THE PARTY FOR THE PARTY OF THE PA	. C COPIES RECEIVED		Form C-103
NEW MEXICO OIL CONSERVATION COMMISSION    Construction   Construct	TRIBUTION		
Sundry Notices and Reports On Wells  Ones of Operation  Well Ones Of Operation  Weldon B. Guest & I. J. Wolfson  Nome of Operation  Weldon B. Guest & I. J. Wolfson  Address of Operation  Weldon B. Guest & I. J. Wolfson  Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  Notice of Interview B. Good Appropriate Box To Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO:  PAUS AND ARMODON  CHARLES PLANS  CH	T-FE	NEW MEXICO OIL CONSERVATION COMMISSION	
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SUNDRY NOTICES AND REPORTS ON WELLS  ONE THE FEW PARCETOR FOR FEATURE AND REPORTS ON WELLS  OTHER.  OT			5. State Oil & Gas Lease No.
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OTHER	(DD NOT USE THIS FORM F	OR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOI PLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
Wellon S. Custed I. J. Wolfson  Veldon S. Custed I. J. Wolfson  J. Address of Operator  Voldon S. Custed S. J. Wolfson  J. Location of Well  G. Location of Well  West  The J. Location of Well  The			7. Unit Agreement Name
West Inc., Secretors, Inc., Box 763, Hobbs, How Mexico  1. Location of Well  West Line, Secretors, Inc., Box 763, Hobbs, How Mexico  1. Location of Well  West Line, Secretors, Inc., Box 763, Hobbs, How Mexico  1. Location of Well  West Line, Secretors, Inc., Box 763, Hobbs, How Mexico  South Line and G60  FET FROM THE MEST LINE, Secretors, Inc., Box 763, Hobbs, How Mexico  Caprools Queen  South Line and G60  FET FROM THE MEST LINE, Secretors, Inc., Box 763, Hobbs, How Mexico  Caprools Queen  South Line and G60  FET FROM THE MEST LINE, Secretors, Inc., Box 763, Hobbs, How Mexico  Caprools Queen  South Line and G60  FET FROM THE MEST LINE, Secretors, Inc., Box 763, Hobbs, How Mexico  Caprools Queen  South Line and G60  FET FROM THE MEST LINE, Secretors, Inc., Willow West Line and South The Mexico  Charles Text And South Line of Mest Line and Subsequent Report of Cherry South Mexico  Commerce Southers of Notice, Report of Other Data  Subsequent Report of Cherry South Mexico  Commerce Southers of Notice, Report of Other Data  Subsequent Report of Cherry South Mexico  Commerce Southers of Notice, Report of Other Data  Subsequent Report of Cherry South Mexico  Commerce Southers of Notice, Report of Other Data  Subsequent Report of Cherry South Mexico  Commerce Southers of Notice, Report of Other Data  Subsequent Report of Cherry South Mexico  Commerce Southers of Notice, Report of Other Data  Subsequent Report of Cherry South Mexico  Commerce South Mexi		OTHER.	Short alama
A Location of Well  UNIT LETER  Set LINE, SECTION  15. Elevation (Show whether DF, RT, CR, sec.)  Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK  THEMPORALITY ADMINISTRATION TO:  PLUS AND ARANDON OTHER  THANDARD PLANS  CHARGE PLANS  CHARGE PLANS  CHARGE PLANS  CHARGE PLANS  CHARGE PLANS  Remedial, work  OTHER  THE CASHIC CHARGE PLANS  CHARGE PLANS  Remedial, work  CHARGE PLANS  CHARGE PL	2. Name of Operator	2 0 0 m-3 A	8, Farm or Lease Name
At Coll Reports & Gan Services, Inc., Box 763, Hobbs, New Mexico  1. Location of Weil  UNIT LETTER  West  Inc., Eccition 2  Township  13. Elevation (Show whether DF, RT, CR, etc.)  A407 DF  Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO:  PRAYOM REMEDIAL WORK  THE PRICE AND ARABODON  PULL OR ALTER CASING  OTHER  TOWNSHIP  PULL OR ALTER CASING  CHANGE PLANS  CHANGE PLANS AND GRAND ON A CARROLL WORK  CANING TEXT AND STREET ON.  CHANGE PLANS  CHANGE PLANS		& I. J. WOLISON	deser 2 mg any 25 26
THE THE SECTION 2 TOWNSHIP 14 3 AANGE 31 E HAPPAN  15. Elevetice (Show whether DF, RT, GR, etc.)  4407 DF  Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO:  SUBSEQUENT REPORT OF:  TEMPORABILY ARABON  PULL OR ALTER CASING  THE TOWNSHIP TOPODOGE Or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of stanting ony propose work) see rule to so and a solution of the solut		as Services, Inc., Box 763, Hobbs, New Mexico	9. Well No.
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THE TOWNSHIP	M		
THE CHEE, SECTION TOWNSHIP TO THE TOWNSHIP TOWNS	UNIT LETTER	FEET FROM THE LINE AND	FEET FROM
15. Elevation (Show whether DF, RT, CR, etc.)  4407 DF  Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO:  PRIFORM REMEDIAL WORK  TEMPORABLY ABANDON  PULL OR ALTER CASING  OTHER  OTHER  OTHER  17. Describe Proposed or Completed Operations (Clearly state all persinent details, and give persinent dates, including estimated date of starting any propose work) are rule 1709.  Re-entered and shot off 5 1/2" casing at 2032e  Spotted 100° plug 2032-2132 with 30 sacks.  Spotted 100° plug 250 to 350 with 30 sacks.  Spotted 100° plug 250 to 350 with 30 sacks.  Spotted 100° plug 250 to 350 with 30 sacks.  Sot 10 sack plug at surface with regulation marker.  10.1# mail (visc. 32) between all plugs.  Work complete 11/175.			
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Re-entered and shot off 5 1/2" casing at 2032.  Spotted 100° plug 2032-2132 with 30 sacks.  Spotted 100° plug 250 to 350 with 30 sacks.  Spotted 100° plug 250 to 350 with 50 sacks.  Sot 10 sack plug at surface with regulation marker.  10.1# mud (visc. 32) between all plugs.  Work complete 11/1/75.  18.1 hereby certify that the information above is true and complete to the best of my knowledge and belief.  Agent  11/5/73			
Agent OATE 11/5/73	Spotted Spotted Spotted Set 10 s 10.1# mm	100' plug 2032-2132 with 30 sacks. 100' plug 1500 to 1600 with 30 sacks. 100' plug 250 to 350 with 50 sacks. sack plug at surface with regulation marker. Id (visc. 32) between all plugs.	
SIGNED WITH PRINCES TITLE DATE		Diete 11/1/19•	
JUL 2 1971	( A ) A	11 11	4- 4
APPROVED BY John W. Kunyan TITLE	SIGNED / LETTINE	11 Ala Agent	11/5/73
APPROVED BY JOHN W. MINES TITLE	SIGNED (ASPINIC	11 Ala Agent	DATE
	BIGNED ( DIM.)	Hallen TITLE Agent	DATE
	2h	Halles TITLE Agent	DATE 11/5/73

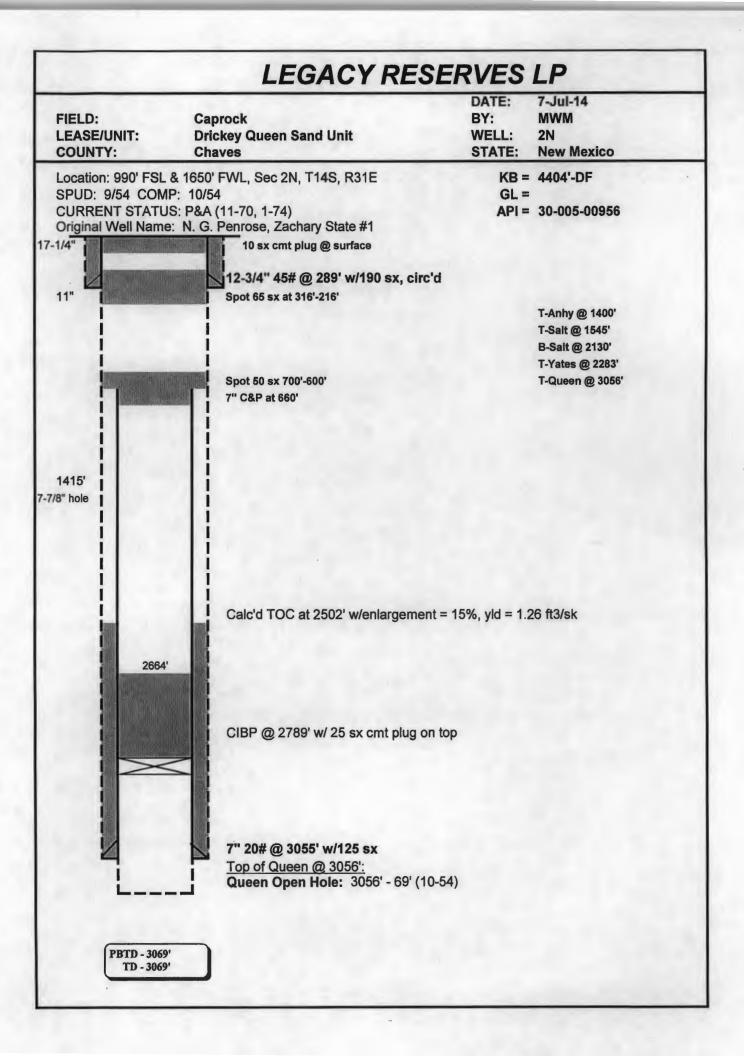
		Form C-103
DISTRIBUTION		Supersedes Old
SANTA FE	NEW MEXICO OIL CONSERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
FILE	HEW MEXICO OIL CONSERVATION COMMISSION	Ellective 1-1-03
		Sa. Indicate Type of Lease
U.S.G.S.		State X Fee.
LAND OFFICE		
OPERATOR		5. State Oil & Gas Lease No.
SUND	RY NOTICES AND REPORTS ON WELLS ROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. TION FOR PERMIT —" (FORM C-101) FOR SUCH PROPOSALS.)	
OIL X GAS WELL X	OTHER-	7. Unit Agreement Name D.Q.S.U.
2. Name of Operator		8. Farm or Lease Name Tract 38
Cities Service 3. Address of Operator	Uli Company	9. Well No.
	New Mexico 88240	1
4. Location of Well	.660 FEET FROM THE South LINE AND 660 FEE	10. Field and Pool, or Wildcat  Caprock Queen
		TT FROM
THE WEST LINE, SECT	10N 2 TOWNSHIP 14S RANGE 31E	- имрм.
	15. Elevation (Show whether DF, RT, GR, etc.) 4407 DF	12. County Chaves
16. Check	Appropriate Box To Indicate Nature of Notice, Report	
		QUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON HEMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	COMMENCE DRILLING OPHS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS   CASING TEST AND CEMENT JOB	
PULL OR ALTER CASING		7
OTHER	OTHER	
OTHER.		cluding estimated date of starting any proposed
17. Describe Proposed or Completed Owork) SEE RULE 1f03.  The above well was  1. Set a C1 Bridge  2. Set a 25 sack of  3. Loaded hole with  4. Set a 10 sack of  the surface to	Plugged and abandoned in the following manner Plug @ 2906. (5½" set @ 3039 w/150 sxs)  ement plug on top of bridge plug @ 2906 - 26  h mud laden fluid.  ement surface plug @ 30-0 with a 4" marker endesignate a P & A location.  en cleared of all debris and equipment and in the following manner of the following manner	86. extending 4° above
17. Describe Proposed or Completed Owork) SEE RULE 1103.  The above well was  1. Set a C1 Bridge  2. Set a 25 sack of  3. Loaded hole with  4. Set a 10 sack of the surface to  5. Location has be final inspection	Plugged and abandoned in the following manner Plug @ 2906. (5½" set @ 3039 w/150 sxs) ement plug on top of bridge plug @ 2906 - 26 h mud laden fluid.  ement surface plug @ 30-0 with a 4" marker endesignate a P & A location.  en cleared of all debris and equipment and in.	86. extending 41 above s ready for
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17. Describe Proposed or Completed Owork) SEE RULE 1703.  The above well was  1. Set a C1 Bridge  2. Set a 25 sack of  3. Loaded hole with  4. Set a 10 sack of the surface to  5. Location has be final inspection  ORIGINAL SIGNE  Q. D. ROBERISON	plugged and abandoned in the following manner plug @ 2906. (5½11 set @ 3039 w/150 sxs) ement plug on top of bridge plug @ 2906 - 26th mud laden fluid.  ement surface plug @ 30-0 with a 411 marker endesignate a P & A location.  en cleared of all debris and equipment and in the following manner and in the following manner with the following with the following manner with the follow	86. extending 41 above s ready for



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O. OF COPIES RECEIVED	] .		Form: C-103
D:STRIBUTION			Supersedes Old C-102 and C-103
TAFE	NEW MEXICO OIL CONS	SERVATION COMMISSION	Effective 1-1-65
F.LE			
u.s.g.s.			5a. Indicate Type of Lease
LAND OFFICE			State Y Fee.
OPERATOR		and the same of the same of	5. State Oil & Gas Lease No.
		0-005-00956	E-7661
(DO NOT USE THIS FORM FOR PR USE **APPLICA*	RY NOTICES AND REPORTS ON OPPOSALS TO DRILL OR TO DEEPEN OR PLUG	WELLS BACK TO A DIFFERENT RESERVOIR. CH PROPOSALS.)	7, Unit Agreement Name
OIL GAS WELL	OTHER- P&A		
Weldon S. Guest & I.	J. Wolfgon		8. Form or Lease Name Brickey Queen Send Unit Tr 40
Address of Operator			9. Well No.
che our webouce & car	Services, Inc., Box 763	, Hobbs, New Mexico	1
Location of Well	00 000	2420	10. Field and Pool, or Wildcat
UNIT LETTER	90 FEET FROM THE South	LINE AND 1650 PEET PRO	Caprock Queen
THE West LINE, SECT	ION 2 TOWNSHIP 14	8 RANGE 31 B NMPM	
	15. Elevation (Show whether	DF, RT, GR, etc.)	12. County
	Allilly.	LLOL DF	Charma
Check	Appropriate Box To Indicate N		
	NTENTION TO:		T REPORT OF:
PERFORM REMEDIAL WORK	BLUS AND ADARDON TO		
	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	and and a
OTHER		OTHER Re-enter 7 mil	The search
OTRER			
Shot ?* Spotted Spotted	t was plugged and abandon casing 0 660° and pulls i plug from 600° to 700° i plug from 216° to 316° sack plug at surface wit	with 50 sacks	
Locatio	m cleared and leveled an	d ready for inspection.	
	\		
8. I hereby certify that the information	a above is true and complete to the best	of my knowledge and belief.	
Ma 11	Ma		a da dana
IGNED _ [ Donnal ]	TITLE	Agent	DATE 8/1/74
APPROVED BY Shen w	. Rumsen	Geologist'	AUG Z DIA
CONDITIONS OF APPROVAL, IF ANY	11		

NEW MEXICO OIL CONSERVATION COMMISSION  SUNDRY NOTICES AND REPORTS ON WELLS FOR PROPOSALS TO DRILL ON TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  OTHER- Water Injection  Tyles Oil Company	Form C-103 Supersedes Old C-102 and C-103 Effective 1-1-85  5a. Indicate Type of Lease State X Fee  5. State Oil & Gas Lease No. E-7661  7. Unit Agreement Name D.Q.S.V. 8. Farm or Lease Name Tract 40
SUNDRY NOTICES AND REPORTS ON WELLS FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  OTHER- Water Injection  Tyles Oil Company	C-102 and C-103 Effective 1-1-65  5a. Indicate Type of Lease State X Fee.  5. State Oil & Gas Lease No. E-7661  7. Unit Agreement Name D.Q.S.V.  8. Farm or Lease Name Tract 40
SUNDRY NOTICES AND REPORTS ON WELLS FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  OTHER- Water Injection  Tyles Oil Company	Sa. Indicate Type of Lease State X Fee   5. State Oil & Gas Lease No.  E~7661  7. Unit Agreement Name  0.Q.S.U.  8. Farm or Lease Name  Tract 40
SUNDRY NOTICES AND REPORTS ON WELLS FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  OTHER- Water Injection  Tyles Oil Company	5a. Indicate Type of Lease State  Fee  5. State Oil & Gas Lease No. E~7661  7. Unit Agreement Name 0.Q.S.V. 8. Farm or Lease Name Tract 40
OTHER- Water Injection  Tylice 011 Company	State X Fee 5. State Oil & Gas Lease No. E~7661  7. Unit Agreement Name 0.Q.S.V. 8. Farm or Lease Name Tract 40
OTHER- Water Injection  Tylice 011 Company	5. State Oil & Gas Lease No. E~7661  7. Unit Agreement Name 0.Q.S.U. 8. Farm or Lease Name Tract 40
OTHER- Water Injection  Tylice 011 Company	7. Unit Agreement Name 0.Q.S.U. 8. Farm or Lease Name Tract 40
OTHER- Water Injection  Tylice 011 Company	7. Unit Agreement Name  0.Q.S.U.  8. Farm or Lease Name  Tract 40
OTHER- Water Injection  Tylice 011 Company	7. Unit Agreement Name  0.Q.S.U.  8. Farm or Lease Name  Tract 40
OTHER- Water Injection  Tylice 011 Company	0.Q.S.V. 8. Farm or Lease Name Tract 40
vice 011 Company	0.Q.S.V. 8. Farm or Lease Name Tract 40
	Tract 40
	9. Well No.
lobbs, New Mexico 88240	1
	10. Field and Pool, or Wildcat
990 South 1650	Caprock Queen
FEET FROM THE LINE AND FEET F	THE THE PARTY WASH
E, SECTION 2 TOWNSHIP 148 RANGE 31E NM	PM.
15. Elevation (Show whether DE RT CR atc.)	12. County
	VIIIIIII
	Chaves ////////
CHANGE PLANS  CASING TEST AND CEMENT JQB  OTHER  Letted Operations (Clearly state all pertinent details, and give pertinent dates, include well was plugged and abandoned in the following management of the plug @ 2789 (7" set @ 3055 w/125 sxs)  25 sack cement plug on top of bridge plug @ 2789-	anner:
	ker extending
ion has been cleared of all debris and equipment a	
	15. Elevation (Show whether DF, RT, GR, etc.)  Lite 4 DF  Check Appropriate Box To Indicate Nature of Notice, Report of SUBSEQUE  PLUG AND ABANDON REMEDIAL WORK COMMENCE DRILLING OPNS. CHANGE PLANS CASING TEST AND CEMENT JQB



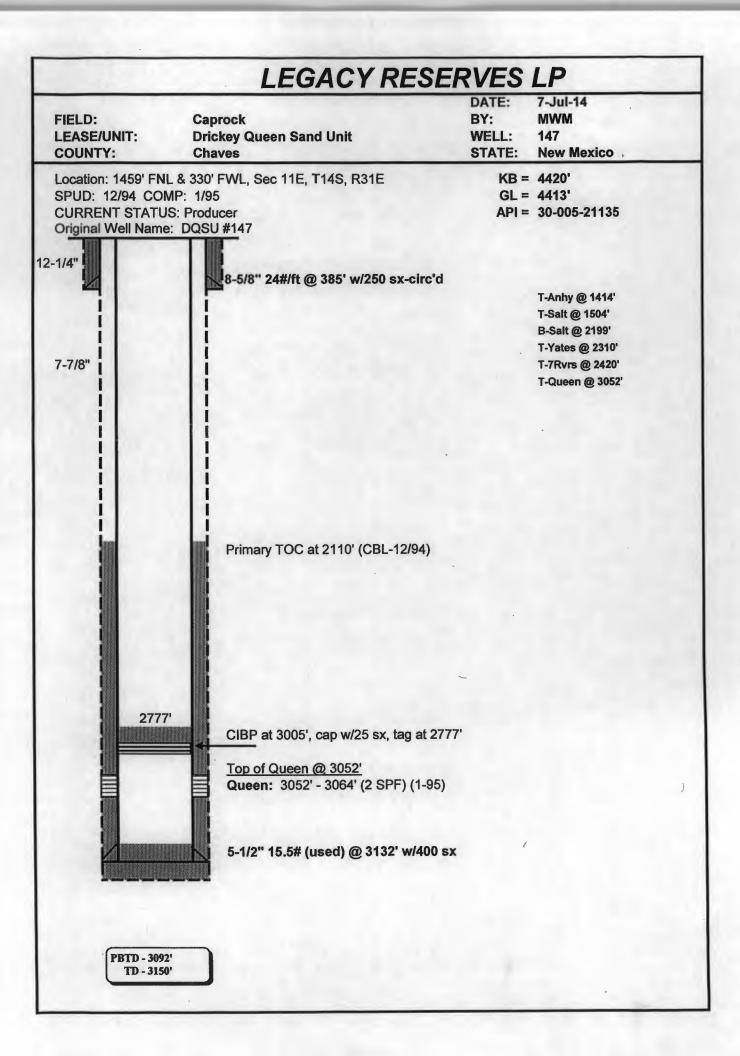
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D. C COPIES RECEIVED				Form C-103
TRIBUTION				Supersedes Old
FE		NEW MEXICO OIL CON	SERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
	1			211001110 1-1-03
J.S.G.S.				Sc. Indicate Type of Lease
AND OFFICE				State Fee X
PERATOR				5. State Oil & Gas Lease No.
	SUNDRY NOTIC	CES AND REPORTS OF	N WELLS	
(DO NOT USE THIS	FORM FOR PROPOSALS TO	BMIT -" (FOPM C-101 FOR E)	WELLS	
	S CLL OTHER	- P & A	30-005-01045	7. Unit Agreement Name
Weldon S. Gues				2. Farm or Lease Name Drickey Queen Sand Unit Tr 47
Address of Operator	o de de note	9011		**
	e & Con Service	an The Pow 765	, Hobbs, New Mexico	9. Well No.
Location of Well	2 0. 089 561,170	ese Titee Pox 103	noons, New Mexico	2
SNIT LETTER	660	North North	660	Caprock Queen
West				
THE	LINE, SECTION	TO YASH =	5 31 E	MAN. ALLENIA
THITITITIES OF THE STATE OF THE	THITTITITI	15. Elevatt in /S ion whethe	and the North	12. County
			4410 DF	Chaves
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			i	
ERFORM REMEDIAL WORK		PLUG ING ASANCON	1 . 100	ALTERING CASING
EMPORARILY ABANDON	T .		1	PLUG AND ABANDONMENT
PULL OR ALTER CASING		CHANG! PLANS	Re-enter & S	:
	_		Re-enter & 5	alvage casing
OTHER		***************************************		
***************************************				
work) SEE RULE 110:	3.			luding estimated date of starting any propose
	soo warr brugg	en end endimoned	1/26/74 as follows:	
	Shot 7" casin	g @ 615' and pull	ed.	
		from 520' to 620' from 210' to 310'		
	Set 10 sack p	lug at surface wi	th regulation marker.	
	Location eles	e belevel hee her	nd ready for inspecti	on
		and the Toleron a	Totaldelly 101 (1901 mg	
8. I hereby certify that th	e information above is	true and complete to the best	La derive to	
1:	1/ 00			
IGNED / LAS LAR	2 11 /11/2 2		Agent	2AV 8/1/74
	C/14:('U')		WEETIL	CALL GILITH
IGNED ZZ-T	CHUCI	TITLE	want	DATE G/1/(4
()//	O	17.5	Agent	SATE
Chr	0	41	Agent	Britis 30.
PPROVED BY John	0	717-1	Agent	

WO 05 4400					
NO. OF COPIES RECEI					Form C-103 Supersedes Old
DISTRIBUTION					C-102 and C-103
SANTA FE		NEW WEXIC	O OIL CONSERVATION O	COMMISSION	Effective 1-1-65
FILE					In Indiana Town of I
U.S.G.S.					State Fee. X
LAND OFFICE					
OPERATOR					5. State Oil & Gas Lease No.
					mmmmmmm
GO NOT USE T	SUNDRY	NOTICES AND RE	PORTS ON WELLS PEN OR PLUG BACK TO A DIFFE -1011 FOR SUCH PROPOSALS.)	RENT RESERVOIR.	
WELL ]	GAS WELL	OTHER. Water	Injection		7. Unit Agreement Name D.Q.SU.
. Name of Operator	C 011				E. Farm or Lease Name
. Address of Operator	Service Oil	Company			Tract 47
					e. Walt No.
BOX 69	- Hobbs, Ne	w Mexico 88240			2
. Location of well				44.	10. Field and Pool, or Wildcat
UNIT LETTER	D	PEET FROM THE	North LINE AND	660 FEET PRO	Caprock Queen
THE West	LINE, SECTION	11 TOWNS	HIP 145 RANGE	31E NMP	MINIMININI MARKET M
		15, Elevation	Show whether DF, RT, GR, e	etc.)	12, County
			4410 DF		Chaves ()
6.	Check A	propriate Box To	Indicate Nature of No	orice. Report or O	ther Data
	NOTICE OF INT				NT REPORT OF:
PERFORM REMEDIAL WO					_
	MK	PLUG AND	ABANDON NEMEDIAL WO	DAK	ALTERING CASING
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TEMPORARILY ABANDON		PLUG AND Change P	COMMENCE OF	=	
TEMPORARILY ABANDON			COMMENCE OF	RILLING OPNS.	
TEMPORARILY ABANDON PULL OR ALTER CASING OTHER	or Completed Open	CHANGE P	COMMENCE OF CABING TEST	RILLING OPNS. AND CEMENT JQS	
The about 1. Se  2. Se  3. Lo  4. Se  5. Lo	or Completed Operations.  To a Cl Brid  t a 25 sack  aded to le w  t a 10 sack  above the	plugged and alge Plug @ 2900 cement plug of the mud laden cement surface surface to des	pertinent details, and give pandoned in the formula of bridge p	pertinent dates, includitional lowing manner /125 sxs) lug @ 2900-277 h a 4" marker cation.	ng estimated date of starting any proposed:
TEMPORARILY ABANDON PULL OR ALTER CASING OTHER  7. Describe Proposed work) SEE RULE  The abo  1. Se  2. Se  3. Lo  4. Se  4. Se  4. Se  6. Lo  6. Co	or Completed Oper 1703.  It a CI Brid to 25 sack aded to le we to a lo sack above the cation has nal inspect	plugged and alge Plug @ 2900 cement plug of the mud laden cement surface to des	pertinent details, and give pandoned in the formation of bridge properties.  Top of bridge properties of the pandone of bridge properties of the pandone of bridge properties of the pandone of the pando	pertinent dates, includitional following manner (125 sxs)  lug @ 2900-277  h a 4" marker cation.  equipment and	ng estimated date of starting any proposed:  T:  Extending  is ready for
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### LEGACY RESERVES LP DATE: 5-Jul-12 BY: MWM FIELD: Caprock LEASE/UNIT: **Drickey Queen Sand Unit** WELL: 11D COUNTY: STATE: **New Mexico** Chaves KB = 4410' DF Location: 660' FNL & 660' FWL, Sec 11D, T14S, R31ECM SPUD: 4/54 COMP: 5/54 GL = 4400' CURRENT STATUS: P&A Injector (11-70, 1-74) API = 30-005-01047 Original Well Name: N. G. Penrose, Alston #2 17-1/4" | 10 sx @ surface 13-3/8" 48#/ft @ 271' w/275 sx-circ'd 12-1/4" Spot 65 sx at 310'-210' T-Anhy @ 1404' T-Salt @ 1500' B-Salt @ 2125' T-Yates @ 2182' T-Queen @ 3046' 7" Shot & pulled at 615', spot 65 sx at 620'-520' 1400' Calc'd TOC at 2493' w/enlargement = 15%, yld = 1.26 ft3/sk CIBP @ 2900' w/ 25 sx 7" 20# @ 3046' w/125 sx Top of Queen @ 3046': Queen Open Hole: 3046' - 3066' (5-54) PBTD - 3066' TD - 3066'

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Colomba Commercial Annual Colomba	Ctata	CNow Moules	<u>{</u>	Form C-103
Submit 1 Copy To Appropriate District Office		of New Mexico		Revised August 1, 2011
<u>District 1</u> - (575) 393-6161	Energy, Minera	Is and Natural Resourc	WELL API NO.	
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283	.6876 ACA		į	30-005-21135
811 S. First St., Artesia, NM 88210	10835 COP CONSE		j. illulcate ryp	e of Lease
District III - (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 Soi	uth St. Francis Dr.	STATE	X FEE
	UL 1 5 2013 Santa	Fe, NM 87505	6. State Oil & C	Gas Lease No.
1220 S. St. Francis Dr., Santa Fc, NM			•	
87505 SUNDRY NO	TICES AND REPORTS	ON WELLS	7. Lease Name	or Unit Agreement Name
(DO NOT USE THIS FORM FOR PRO	POSALS TO DRILL OR TO D	EEPEN OR PLUG BACK TO	Drickey Queen S	Sand Unit
DIFFERENT RESERVOIR. USE "API PROPOSALS.)	PLICATION FOR PERMIT" (F	ORM C-101) FOR SUCH		
1 Type of Well: Oil Well X	Gas Well Other	,	8. Well Numbe	er 147 /
2. Name of Operator		/	9. OGRID Nun	
Name of Operator  Celero Energy	ergy II, LP	<i></i>		247128
3. Address of Operator <sub>400 W</sub> .	Illinois, Ste. 1601		10. Pool name	
	TX 19701		Caprock; Queen	
4. Well Location	1450 6 6 6	Language	. 1.220 Foot 6	rom the Wline
Unit Letter E	: 1459feet from the			· · · · · · · · · · · · · · · · · · ·
Section 11	Township		NMPM	County Chaves
	11. Elevation (Snow	whether DR, RKB, RT, C	K, etc.)	
( ) C mode. Countries and an Architectus and Device 1 1	.,4, €]	<del></del>		:
12 Chec	k Appropriate Box to	Indicate Nature of N	otice. Report or Othe	er Data
		1		
	INTENTION TO:	_	SUBSEQUENT R	
PERFORM REMEDIAL WORK				ALTERING CASING
	CHANGE PLANS		CE DRILLING OPNS.	P AND A
PULL OR ALTER CASING	☐ MULTIPLE COMPL	CASING/C	EMENT JOB	
DOWNHOLE COMMINGLE				•
OTHER:		OTHER: T	,	x
13. Describe proposed or co	mpleted operations. (Clean	arly state all pertinent det	ils, and give pertinent d	lates, including estimated date
13. Describe proposed or co of starting any proposed	work). SEE RULE 19.15	arly state all pertinent det	ils, and give pertinent d	lates, including estimated date
<ol> <li>Describe proposed or co of starting any proposed proposed completion or</li> </ol>	work). SEE RULE 19.15 recompletion.	arly state all pertinent det 5.7.14 NMAC. For Multi	nils, and give pertinent d ple Completions: Attack	lates, including estimated date h wellbore diagram of
13. Describe proposed or co of starting any proposed	work). SEE RULE 19.15 recompletion.	arly state all pertinent det 5.7.14 NMAC. For Multi	nils, and give pertinent d ple Completions: Attack	lates, including estimated date h wellbore diagram of
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13. Describe proposed or co of starting any proposed proposed completion or 6/12/13 - Pulled & LD 42- 7/8 7/2/13 - NDWH & NUBOP. T OE to 2995', spot 25 sx Class	work). SEE RULE 19.15 recompletion. " rods, 70-34" rods, 6-13 "OH SLM. PU 434" bit & "C" cmt w/ 2% CACL on	arly state all pertinent det 5.7.14 NMAC. For Multi 4" x 25' sinker bars & 2 ½ scraper. TIH to 3002'. TO CIBP. Displace w/ 14.5 b	nils, and give pertinent deple Completions: Attack " x 1 ½" insert pump. So " by w/ scraper. RIIH w/ bls. TOH.	lates, including estimated date h wellbore diagram of  I tbg, RDMO.  CIBP & set @ 3005'. TIH
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Form approved.  Rudget Burear-No. 42-R1424.  5. LEASE PROMATION AND SERTAL NO.
6. IF INDIAN, ALLOTTEE DR TRIBE NAME
7. UNIT AGREDIANT NAME
D. 6 35 18
8. PARM OF EMANE NAME
9. WELL NO.
10. FIELD AND POOL, OF WILDCAY
11. SEC. 7. A. A. OS MA. AND. SURVEY OR AREA
Sec. 9-1148-831E
12. COUNTY OF PARISH 18. STATE
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SUBSEQUENT REPORT OF:
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#### LEGACY RESERVES LP DATE: 7-Jul-14 BY: **MWM** FIELD: Caprock **Drickey Queen Sand Unit** WELL: LEASE/UNIT: Chaves STATE: **New Mexico** COUNTY: KB = 4420'Location: 1980' FSL & 660' FEL, Sec 3I, T14S, R31E SPUD: 8/54 COMP: 9/54 GL = 4411' CURRENT STATUS: P&A Producer (1-71) API = 30-005-00964Original Well Name: Government B #9 30 sx cmt plug @ surface 17-1/4" assumed 13-3/8" 36# @ 324' w/275 sx-circ'd T-Anhy @ 1415' T-Salt @ 1490' 11" assumed B-Salt @ T-Yates @ 2280' T-Queen @ 3043' Note: 518' of 8-5/8" csg pulled prior to setting 5-1/2" csg. Bottom 894' of 8-5/8" csg left in hole. 8-5/8" 24# @ 1412' w/15 sx mud in 20 bbls oil 7-7/8" assumed Calc'd TOC @ 2139' w/enlargement = 15%, yld = 1.26 ft3/sk CIBP @ 2910' w/ 25 sx cmt plug on top @ 2790' - 2910' 5-1/2" 14# @ 3033' w/200 sx Top of Queen @ 3043': Queen Open Hole: 3043' - 3063' (9-54) PBTD - 3063' TD - 3063'

\*See Instructions on Reverse Side

#### LEGACY RESERVES LP 7-Jul-14 DATE: FIELD: Caprock BY: MWM LEASE/UNIT: **Drickey Queen Sand Unit** 3P WELL: COUNTY: Chaves STATE: **New Mexico** Location: 660' FSL & 660' FEL, Sec 3P, T14S, R31E KB = 4415' SPUD: 7/54 COMP: 8/54 GL = CURRENT STATUS: P&A Injector (11-73) API = 30-005-00962 Original Well Name: Government B #6 10 sx plug @ surface 17-1/4" assumed 13-3/8" 36#, 48#(H-40) @ 310' w/250 sx, circ'd 60 sx plug @ 300'; calc'd top at 233' (yld = 1.32 ft3/sk) 30 sx plug @ 666'; calc'd top at 621' (assumed 11" hole, yld = 1.32 ft3/sk) 5-1/2" csg shot and pulled @ 666' 20 sx plug @ 1200'; calc'd top at 1007' (yld = 1.32 ft3/sk) Shot 5-1/2" csg @ 1200'; unable to pull T-Anhy @ 1400' Assume 11" hole to 1410' T-Salt @ 1498' 7-7/8" hole below 1410' B-Salt @ 2150' T-Yates @ 2265' T-Queen at 3037' TOC @ 2390' (TS) CIBP @ 2800' w/ 5 sx on top Top of liner @ 2970'; sqzd w/ 25 sx 5-1/2" 14# J-55 @ 3003' w/200 sx 4" 11.3# J-55 liner from 2970' to 3034' w/25 sx Top of Queen @ 3037': Queen Open Hole: 3034' - 3054' (7-58) PBTD - 3054' TD - 3054'

Form 3160-5 (August 2007)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

5. Lease Serial No.

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.			
instructions on reverse side.	7. If Unit or CA/Agreement, Name and/or No. 8910063990		
	8. Well Name and No. DRICKEY QUEEN SAND UNIT 805		
ntact: MIKE METZA netza@legacylp.com	9. API Well No. 30-005-00978-00-S1		
3b. Phone No. (include area code) Ph: 432-689-5200	10. Field and Pool, or Exploratory CAPROCK-QUEEN		
MIDLAND, TX 79702  Location of Well (Footage, Sec., T., R., M., or Survey Description)  Sec 4 T14S R31E SESE 660FSL 660FEL			
	instructions on reverse side.  Instructions on reverse side.  Intact: MIKE METZA Intecta@legacylp.com  3b. Phone No. (include area code) Ph: 432-689-5200		

TYPE OF SUBMISSION	TYPE OF SUBMISSION TYPE OF ACTION				
<ul><li>☑ Notice of Intent</li><li>☐ Subsequent Report</li><li>☐ Final Abandonment Notice</li></ul>	☐ Acidize ☐ Alter Casing ☐ Casing Repair ☐ Change Plans ☐ Convert to Injection	☐ Deepen ☐ Fracture Treat ☐ New Construction ☐ Plug and Abandon ☐ Plug Back	☐ Production (Start/Resume) ☐ Reclamation ☐ Recomplete ☑ Temporarily Abandon ☐ Water Disposal	☐ Water Shut-Off ☐ Well Integrity ☐ Other	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Legacy Reserves Operating LP requests a 1-year extension of TA status for the subject well. The well has future utility as a WAGIW in the event that the planned CO2 project immediately to the east in the unit is expanded to this part of the unit.

14. I hereby certify that th	For LEGACY RESERVES OPE	ified by the BLM Well Information System OPERATING, sent to the Roswell RLY WEATHERFORD on 10/23/2014 (15BMW0050SE)			
Name (Printed/Typed)	MIKE METZA	Title	PRODUCTION ENGINEER		
Signature	(Electronic Submission)	Date 10/22/2014			
	THIS SPACE FOR FEDERA	L OR	STATE OFFICE USE		
Approved By AL COLLAR  Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Title/	CTING ASSIST FLD MGR LANDS/MINERAL	Date 10/27/2014	
		Office	Roswell		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

#### Revisions to Operator-Submitted EC Data for Sundry Notice #272807

**Operator Submitted** 

**BLM Revised (AFMSS)** 

Sundry Type:

TA NOI

Lease:

Operator:

NMLC062486

Agreement:

LEGACY RESERVES OPERATING LP PO BOX 10848 MIDLAND, TX 79702 Ph: 432-689-5200

**Admin Contact:** 

MIKE METZA
OPERATIONS ENGINEER
E-Mail: mmetza@legacylp.com

Ph: 432-689-5200

**Tech Contact:** 

MIKE METZA OPERATIONS ENGINEER E-Mail: mmetza@legacylp.com

Ph: 432-689-5200

Location:

State:

NM CHAVES County:

Field/Pool:

CAPROCK; QUEEN

Well/Facility:

DRICKEY QUEEN SAND UNIT 805 Sec 4 T14S R31E SESE 660FSL 660FEL

TA NOI

NMLC062486

8910063990 (NMNM70935X)

LEGACY RESERVES OPERATING PO BOX 10848 MIDLAND, TX 79702 Ph: 432-689-5200

MIKE METZA PRODUCTION ENGINEER E-Mail: mmetza@legacylp.com

Ph: 432-689-5200

MIKE METZA PRODUCTION ENGINEER E-Mail: mmetza@legacylp.com

Ph: 432-689-5200

NM CHAVES

CAPROCK-QUEEN

DRICKEY QUEEN SAND UNIT 805 Sec 4 T14S R31E SESE 660FSL 660FEL

## LEGACY RESERVES LP

FIELD:

Caprock

LEASE/UNIT:

DQSU #805 (formerly Trigg Federal #5)

COUNTY: Chaves DATE:

14-Jan-14

BY: WELL: MWM 805

STATE: **New Mexico** 

Location: 660' FSL & 660' FEL, Sec 4P, T14S, R31E

SPUD: 12/28/54 COMP: 01/55

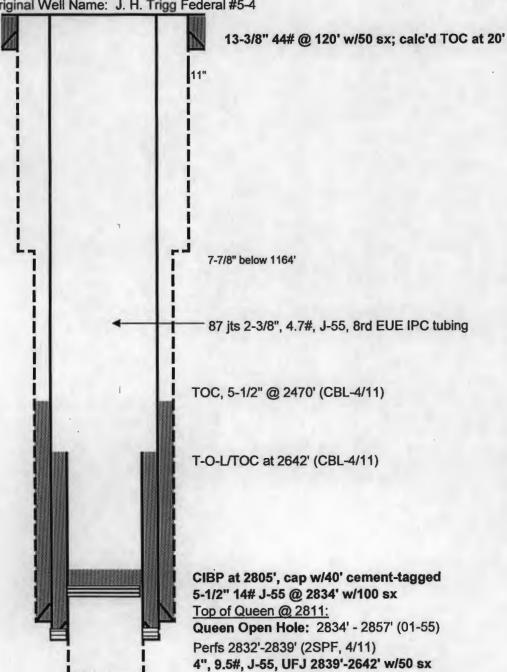
**CURRENT STATUS: Inacitve Injector** 

Original Well Name: J. H. Trigg Federal #5-4

KB = 4,237'

GL = 4,235'

API = 30-005-00978



PBTD - 2852' TD - 2857' Form 3160-5 (March 2012)

OPERATOR'S CUPY

FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2014

5. Lease Serial No. LC-062486

6. If Indian, Allottee or Tribe Name

# SUNDRY NOTICES AND REPORTS ON WELLS

**UNITED STATES** 

DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT** 

	form for proposals to Use Form 3160-3 (AP		· · · · · · · · · · · · · · · · · · ·	
SUBM	IT IN TRIPLICATE - Other in	structions on page 2.	7. If Unit of CA/Agre	ement, Name and/or No.
1. Type of Well			O Wall Name and No	
Oil Well Gas Well X Other			8. Well Name and No Drickey Queen	Sand Unit #805
2. Name of Operator Celero Energy II, LP			9. API Well No. 30-005-00978	•
3a. Address	31	b. Phone No. (include area c	ode) 10. Field and Pool or	Exploratory Area
400 W. Illinois, Ste. 1601		(432)686-1883	Caprock; Que	
<ol> <li>Location of Well (Footage, Sec., 7 (P) Sec 4, T14S, R31E 660' FSL &amp; 660' FEL</li> </ol>	.,R.,M., or Survey Description)		11. County or Parish, Chaves, NM	State
12. CHE	CK THE APPROPRIATE BOX	(ES) TO INDICATE NATUR	E OF NOTICE, REPORT OR OTH	ER DATA
TYPE OF SUBMISSION		· T	PE OF ACTION	
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplete	Other
Final Abandonment Notice	Convert to Injection	Plug and Abandon Plug Back	Temporarily Abandon  Water Disposal	
regular IPC tbg (85 jts=27	45'). Finish filling csg wi	ith pkr fluid. NDBOP 8 by Bob Hoskinson with It is now TA'd.	PROVED FOR 6 MOING 1/9/19/19/19	/8' tbg in WH + tbg re = 522# with ending
14. I hereby certify that the foregoing is  Lisa Hunt	true and correct. Name (Printed/I	Title Regul	atory Analyst	·
Signature Signature	THUNK	Date 03/17/		
	THIS SPACE F	OR FEDERAL OR ST	ATE OFFICE USE	
Approved by  M  Conditions of approval, if any, are attach	May &	Ann	istant Field Manager.	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

THE COMS. COMMISSION F J. BOX 1000 HOBES, NEW MEXICO 88240

Injection Well

Form 9-331 1007 Dec. 1919

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY** 

المنافق وفراه	11071050		REPORTS	-	14/9"1 4	_
SHUDDA	NOTICES	AND	REPORTS	ON	WFII	5

'Do not use this form for proposals to drill or to deepen or plug back to a different reservoir, Use Form 9-331-C for such proposals.)

well [ ] well [.]

2. NAME OF OPERATOR C.E. LaRue and B.N. Muncy, Jr.

other

3. ADDRESS OF OPERATOR

PO Box 470 Artesia, NM 88210

4. LOCATION OF WELL (REPORT LOCATION CILARLY, See space 17

AT SURFACE: 2310" FSL & 1650' FEL AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES **ABANDON®** 

(other)

SUBSEQUENT REPORT OF:

form Approved Budget Bureau No. 42-42111

5. LEAS!

LC062486

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8., FARM OR LEASE NAME Federal Trigg

9. WELL NO.

10. FIELD OR WILDCAT NAME Caprock Queen

11. SEC , T., R , M., OR BLK. AND SURVEY OR AREA

Sec. 4 T14S R31E

12. COUNTY OR PARISH: 13. STATE Chaves

(NOTE: Report rise his of multiplear empl

change on form 9-330 1/

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WE) 4191' GL

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

Casing Parted at 1025'.

Rig up. Pumped down 52" casing 100 sacks Class C w/3% CC 4# per sack FC.

Rig up. Pumped down 8 5/8" casing 200 sacks Class c w/3% CC 1# per sack FC.

Shut in. Put Dry Hole Marker on well. Plugged and Abandoned 1-27-86.

AS PER STATE RECOMMENDATIONS.

Subsurface Safety Valve: Manu. and Type

Set @ .

Ft.

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

TITLE Operator

... DATE . .4-9-87

(This space for Federal or State office use)

CONDITIONS OF APPROVAL, IF ANY:

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

\*See Instructions on Reverse Side

APPROVED - PETER W. CHESTER

AUG 3 1988

BUREAU OF LAND MANAGEMENT

## LEGACY RESERVES LP

FIELD: LEASE/UNIT:

COUNTY:

7 7/8"

Caprock
Trigg Federal
Chaves

DATE: 7-Jul-14 BY: MWM

WELL: #14

SIAI

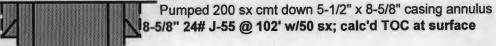
STATE: New Mexico

Location: 2310' FSL & 1650' FEL, Sec 4J, T14S, R31E

SPUD: 06/01/58 COMP: 06/58 CURRENT STATUS: P&A (1-86) KB = 4195' GL = 4191'

API = 30-005-00983

Original Well Name: Federal Trigg #7-4



From DQSU #813(1340'-south)

T-Anhy @ 1125' T-Salt @ 1243' B-Salt @ 1881' T-Yates @ 2033'

Casing parted @ 1025'. Pumped 100 sx cmt down 5-1/2" casing. (860' +/- cmt plug)

Calc'd TOC @ 2353' w/enlargement = 15%; yld = 1.26 ft3/sk

5-1/2" 14# J-55 @ 2796' w/100 sx

Top of Queen @ 2803':

Queen Open Hole: 2803' - 2813' (06-58)

PBTD - 2813' TD - 2813'

	RECEIVED	SEP	02	2014
(COPY)	FORM APPROV	/ED		
	OMB No. 1004-			

	UNITED STATES EPARTMENT OF THE INT		COPI	OMB No. 1004-0137 Expires: October 31, 2014			
	REAU OF LAND MANAG NOTICES AND REPORT		5. Lease Serial No. NMLC.:  6. If Indian, Allotte	062486			
	form for proposals to d Use Form 3160-3 (APD)		n				
SUBI	MIT IN TRIPLICATE - Other instr	ructions on page 2.	7. If Unit of CA/A	greement, Name and/or No.			
ype of Well			8. Well Name and	Y.			
	Well Other INJECT	FOR	DRICKEY QUI	EEN SAND UNIT #816			
lame of Operator LEGACY RES	SERVES OPERATING LP		9. API Well No. 30-005-00985	9. API Well No. 30-005-00985			
Address PO BOX 10848 - MIDLAND, TX 79		Phone No. (include area c 432-689-5200	(CAPROCK; Q	or Exploratory Area UEEN			
Location of Well (Footage, Sec., 2			11. County or Paris CHAVES CO				
65' FNL & 1980' FEL, UNIT LETTER 8,	SEC. 4, T14S, R31E		CHAVESCO	., INIVI			
12. CHI	ECK THE APPROPRIATE BOX(ES	S) TO INDICATE NATUR	RE OF NOTICE, REPORT OR OT	THER DATA			
TYPE OF SUBMISSION		T	YPE OF ACTION				
Notice of Intent	Acidize	Deepen Deepen	Production (Start/Resume)				
	Alter Casing	Fracture Treat  New Construction	Reclamation	Well Integrity			
Subsequent Report	Casing Repair Change Plans	Plug and Abandon	Recomplete  Temporarily Abandon	Other			
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal				
HAS PLANS TO EXPAND THI TO THE DQSU IN 2015. THE 06/04/14 RAN MIT PRESSUR	TING LP WOULD LIKE TO REQ E EXISTING MISCIBLE CO2 PR WELL WAS REPAIRED IN 2011 E CASING TO 550# FOR 32 MII L. CHART ATTACHED.	OJECT IN THE ROCK ( I AND HAS FUTURE U	QUEEN UNIT EAST AND NOR TILITY AS A WAG INJECTOR	TH OF THE SUBJECT WELL			
		APPROVI	ED FOR 6- M	ONTH PERIOD			
		ENDING_	1-6-20	015			
I hereby certify that the foregoing is	true and correct. Name (Printed/Type	ed)					
LAURA PINA	<u> </u>	Title REGUL	ATORY TECH				
Signature Zung (	Ta	Date 06/20/2	2014				
	THIS SPACE FOR	R FEDERAL OR ST	TATE OFFICE USE				
roved by	Mush /	Assistant F Landsrilland	ield Manager, Minerals	Date 82714			
ditions of approval, if any, are attach	ed. Approval of this notice does not w	varrant or certify		H Field Office			

the applicant holds legal or equitable title to those rights in the subject lease which would le the applicant to conduct operations thereon. e 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, itious or fraudulent statements or representations as to any matter within its jurisdiction. Form 3160-5 (March 2012)



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2014

5. Leas	Se Se	ial No.	3		
6. If In	dian,	Allottee or	Trib	e Nam	е

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

	orm for proposals to Use Form 3160-3 (A						
SUBMI	T IN TRIPLICATE – Other	instructions or	n page 2.		7. If Unit of CA/Agreement, Name and/or No.		
1. Type of Well							
Oil Well Gas W	Vell X Other					n Sand Unit #816	
2. Name of Operator Celero Energy II, LP					9. API Well No. 30-005-00985		
3a. Address		3b. Phone No.	(include area co	ode)	10. Field and Pool or I		
400 W. Illinois, Ste. 1601 N	/lidland TX 79701	(432)6	886-1883	·	Caprock; Que	en	
4. Location of Well (Footage, Sec., T., (B) Sec 4, T14S, R31E				-1	11. County or Parish,		
665' FNL & 1980' FEL	665' FNL & 1980' FEL				Chaves, NM		
12. CHEC	K THE APPROPRIATE BO	X(ES) TO IND	ICATE NATUR	E OF NOTIC	CE, REPORT OR OTH	ER DATA	
TYPE OF SUBMISSION			T	YPE OF ACT	ION		
Notice of Intent	Acidize	Deep	en	Produ	uction (Start/Resume)	Water Shut-Off	
	Alter Casing	Fract	ire Treat	Recla	unation	Well Integrity	
X Subsequent Report	Casing Repair	New !	Construction	Reco	mplete	Other	
221	Change Plans	Plug	and Abandon	X Temp	orarily Abandon		
Final Abandonment Notice	Convert to Injection	Plug	Back	Wate	r Disposal		
Attach the Bond under which the was following completion of the involve testing has been completed. Final determined that the site is ready for 6/10/13 -MIRU, NUBOP, us "C" cmt w/ 2% CACL. Disp 6/11/13 - Open BOP. TIH w/ 2% CACL. Displace w/ 8 well w/ inhibited FW. 6/12/13 - Open BOP, TOH 480#, ending psi 480#. Test Justification For TA: With Future Potential Water And/Or Gas Inje CO2 Project.	ed operations. If the operation Abandonment Notices must be final inspection.) Inseat pkr. TOH w/ AS lace w/ 9 bbls. TOH & w/ tbg to CIBP @ 275. B bbls. TOH & WOC.  & LD. NDBOP & NUVER is good. Copy of checking the Used As A ctor For A Future	on results in a me filed only after the filed only	ultiple completion all requirements.  IH w/ CIBP  RU & rev out & tag @ 228  1 jt w/ valve thed.	on or recomplats, including & set @ 2 t, pumped 33', test cs	letion in a new interval reclamation, have been 1755'. TIH w/ tbg all cmt out. Pum ag to 600#, ok. Ref	I, a Form 3160-4 must be filed once in completed and the operator has & spot 10 sx Class  App 25 sx Class "C" cmt ev circ well clean. Circ orm MIT. Starting psi	
Lisa Hunt	tie and correct. Name (Printed	(Typed)	mu Pogul	oton, Anal	luct		
			Title Regul	atory Arial	yst		
Signature Sua	Hent		Date 06/17/	2013			
	THIS SPACE	FOR FEDE	RAL OR ST	TATE OFF	ICE USE		
Approved by Darra R.	Elass		Title		ENGINEER	Date JUL 1 1 2013	
Conditions of approval, if any, are attached that the applicant holds legal or equitable that the applicant to conduct operations				1	Field Office	in the second	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false,

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

# LEGACY RESERVES LP FIELD: Caprock BY: MWM LEASE/UNIT: DQSU (formerly Trigg Federal #16) WELL: 816 COUNTY: Chaves STATE: **New Mexico** Location: 665' FNL & 1980' FEL, Sec 4B, T14S, R31E KB = 4198' SPUD: 12/55 COMP: 01/56 GL = 4192' API = 30-005-00985 **CURRENT STATUS: SI Injector** Original Well Name: J. H. Trigg Co. Federal Trigg #16-4 8-5/8" 24# J-55 @ 107' w/50 sx-circ'd 7-7/8" TOL at 2223', sqz'd w/960 sx total. Calc'd TOC @ 2357' w/enlargement = 15%; yld = 1.26 ft3/sk TOC in 5-1/2" above 2450' (CBL-4/11) CIBP at 2755', cap w/25 sx, tag at 2283' 5-1/2" 14# J-55 @ 2804' w/100 sx Queen Open Hole: 2804' - 2820' (01-56) Perf 2805'-2819'(2 SPF, 28 total, 6/11) 4", 9.5#, J-55, UFJ at 2223'-2820' w/150 sx PBTD - 2820' TD - 2820'

Form 3160-5 (March 2012)

#### UNITED STATES DEPARTMENT OF THE INTERIOR **BÜREAU OF LAND MANAGEMENT**

OPERATOR'S ( PY

FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2014

5. Lease Serial No. C-062486

SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					6. If Indian, Allottee or Tribe Name	
SUBMIT IN TRIPLICATE – Other instructions on page 2.  1. Type of Well				- NA	7. If Unit of CA/Agreement, Name and/or No.	
▼ Oil Well Gas Well Other				8. Well Name and No Drickey Quee	8. Well Name and No. Drickey Queen Sand Unit #833	
2. Name of Operator Celero Energy II, LP				9. API Well No.		
3a. Address   3b. Phone No. (include area code)					10. Field and Pool or Exploratory Area	
400 W. Illinois, Ste. 1601 Midland TX 79701 (432)686-188				Caprock; Queen		
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) (A) Sec 4, T14S, R31E 330 FNL & 990 FEL				11. County or Parish, State		
				Chaves, NM	Chaves, NM	
12, CHE	CK THE APPROPRIATE BO	X(ES) TO INDICATE	NATURE OF NO	TICE, REPORT OR OTH	HER DATA	
TYPE OF SUBMISSION			TYPE OF A	CTION		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Trea	_	roduction (Start/Resume)	Water Shut-Off Well Integrity	
X Subsequent Report	Casing Repair	New Constru	ction R	ecomplete	Other	
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Aba		emporarily Abandon Vater Disposal		
6/3/13 - Change WH & NU tag @ 2816'. Could not we not load. Spot 25 sx Class 6/4/13 - Open BOP & load OE & tag @ 2496'. TOH & 200# in 3 min. Pulled up to BOP.  6/5/13 - Open BOP & PU from 380' up. Worked bac shoot 4 SPF @ 1985'& 12 2034' & spot 40 sx Class 'mud to 1205'.  * Continued on attached s	ork through. TOH w/ signer common com	craper. RIH w/ Ci on CIBP. Displa BOP ring leaking et pkr @ 2311', te 5/8" circ. Tried to 8 5/8" circ. TIH to of 300# - 400# @ & set @ 1566'. C	BP, set @ 28 ce w/ 8 bbls, s g, replaced ring est to 500# ok test up, BOP 0 633' 8 5/8", of 1 BPM from 3 ould not pump	02'. TOH OE, pum started circ 4 bbls i g. Attempted to tes Pull up to 2187', t rams leaking. Faci lid not circ. Worke 380' - 2187'. TOH. o into perfs. TOH 8	p 50 bbls. Hole would nto displace.  st circ on 8 5/8". TIH est to 500#. Leak lost littated repair & tested  d back up 8 5/8", circ RIH w/ strip gun & LD pkr. TIH OE to	
14. I hereby certify that the foregoing is	true and correct. Name (Printed	d/Typed)		•		
Lisa Hunt		Title	Title Regulatory Analyst			
Signature Sua Hunt			Date 06/27/2013			
	THIS SPACE	FOR FEDERAL	OR STATE O	FFICE USE		
Approved by Parid R. Illus			PETROLEUI	M <b>EN</b> ÇINEER	Jul 1 0 2013	
Conditions of approval, if any, are attached. Approval of this notice does not warrant or cer that the applicant holds legal or equitable title to those rights in the subject lease which wou entitle the applicant to conduct operations thereon.						

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## LEGACY RESERVES LP

FIELD:

Caprock

LEASE/UNIT:

COUNTY:

DQSU (formerly Trigg Federal #33)

Chaves

DATE:

11-Jun-13 MWM

BY: WELL:

833

STATE:

**New Mexico** 

Location: 330' FNL & 990' FEL, Sec 4A, T14S, R31E

SPUD: 10/30/61 COMP: 11/61

1009'

1257'

1665

2034'

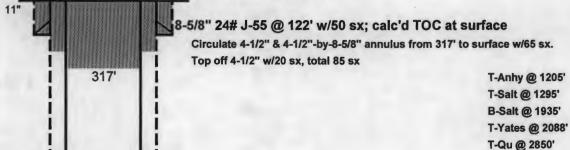
2496'

**CURRENT STATUS: P&A'd** 

KB = 4235' GL = 4224'

API = 30-005-00994

Original Well Name: J. H. Trigg Co. Federal Trigg #33-4



Perf(4) at 1205', pkr squeeze 40 sx, tag at 1665'; spot 25 sx at 1257', tag at 1009'

Perf(4) at 1985', spot 40 sx at 2034'; tag at 1665' 7-7/8"

Calc'd TOC @ 2436' w/enlargement = 15%; yld = 1.26 ft3/sk

CIBP at 2802'; cap w/25 sx

Top of Queen @ 2850':

Queen: 2852' - 2862' (4spf) (11-61)

4-1/2" 9.5# J-55 @ 2903' w/125 sx

PBTD - ' TD - 2904'

APPROVED APPROVED MAR 4 1965

MAR 4 1965

MUROLLA C. ATER.

ACTING DISTRICT ENGINEER

\*See Instructions on Reverse Side

10 00

FEE

TITLE

# LEGACY RESERVES LP

DATE: 7-Jul-14 FIELD: Caprock BY: **MWM** LEASE/UNIT: Trigg Federal WELL: #38 COUNTY: Chaves STATE: **New Mexico** Location: 990' FSL & 1917' FEL, Sec 40, T14S, R31E KB = 4191.5' SPUD: 06/58 COMP: Re-enter, D&A 10/64 GL = CURRENT STATUS: D&A (10-64) API = 30-005-10159 Original Well Name: Federal Trigg #38-4 Set 20 sx cmt plug from 60' to surface 12 1/4" TOC @ 890' +/- (calc) Perforated: 1013'-1030', 1038'-1046', 1083'-1086', & 1094'-1100' (4 spf) (06-58) Squeezed w/100 sx prior to drilling deeper in 1964. 8-5/8" 24# J-55 @ 1130' w/75 sx Set 35 sx cmt plug @ 1084' - 1184' Set 35 sx cmt plug from 1840' - 1940' 7 7/8" Set 35 sx cmt plug from 2753' - 2853' Set 35 sx cmt plug from 4076' - 4176' Top of Lower San Andres @ 3950' +/-: Cored: 3940' - 4037' (10-64) 4720' - 4772' (10-64) PBTD - 4150' TD - 4806'

Submit I Copy To Appropriate District	State	of New M	exico		Form C-103
Office 'k	Energy, Miner				Revised August 1, 2011
District 1 - (575) 393-6161 1625 N. French Dr., Hobbs, NM 88249-96		and i vac	artir recoources	WELL API NO.	
1625 N. French Dr., Hobbs, NM 8826 BS	OIL CONGE	DVATION	DIVICION	3	0-005-21133
811 S. First St, Artesia, NM 88210	OIL CONSE			5. Indicate Type o	(Lease
District III - (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM \$770 0	3 2012 1220 So	outh St. Fra	ncis Dr.	STATE X	
District IV - (505) 476-3460	Santa	Fe, NM 8	7505	6. State Oil & Gas	Lease No.
1220 S St. Francis Dr., Santa Fc, NM					•
	EIVED				II 's A Name
(DO NOT USE THIS FORM FOR PROPOS	CES AND REPORTS			7. Lease Name or	Unit Agreement Name
DIFFERENT RESERVOIR. USE "APPLIC				Drickey Queen San	d Unit
PROPOSALS.)		/		8. Well Number	<del></del>
1. Type of Well: Oil Well	Gas Well Other	/			145
Name of Operator Celero Energy	IIID	. /		9. OGRID Numbe	
Coloro Energy	11, 11	-	w-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	10 0 1	247128
3. Address of Operator 400 W. Illin	ois, Ste. 1601			10. Pool name or \	Wildcat
, Midiand, 12	( 79701			Caprock; Queen	
4. Well Location					/
Unit Letter K : 1	1440 feet from t	the S	line and 26	20 feet from	the W line
Section 35	Township		ange 31E	NMPM	County Chaves
	11. Elevation (Show				
	TTT DIOTATION (ONO.	million Di	, , , , , , , , , , , , , , , , , , , ,		
4	1				
12 Charle A	mmamulata Dan ta	Indiana N	latina of Nation	Damant an Othan I	Tota .
12. Check A	ppropriate box to	indicate P	valure of ivolice	e, Report or Other I	Jala .
NOTICE OF IN	TENTION TO:		1 911	BSEQUENT REP	ORT OF
PERFORM REMEDIAL WORK	PLUG AND ABAND	ON 🗆	REMEDIAL WO		ALTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS				PANDA )
PULL OR ALTER CASING	MULTIPLE COMPL		CASING/CEME		AND A
DOWNHOLE COMMINGLE	MOLTIFEE COMIFE		CASING/CEIVIE	N1 30B	,
DOWN TOLE COMMINGEE					
OTHER:		П	OTHER:		П
13. Describe proposed or comple	eted operations. (Cle	arly state all		nd give pertinent dates	including estimated dat
of starting any proposed wor					
proposed completion or reco					
3/6/12 - PU 3 1/2" RR bit & 4 1/2" so	range TILI to 0701 &	tog un Cont	tinua down to 050'	& stocked out TOU w	hit & caronar Mix
160 bbls mud. PU Hanson bit (SN					/ Oil & Scraper. IVIIX
3/7/12 - TIH to 800'. PU swivel &					k in returns from 1" to
4"size. Circ hole clean. LD swivel			Dim nom 000 1	Jo. County many out	in rotalio from 1
3/9/12 - TIH to 1158'. PU swivel of			1282'. Circ hole.	LD swivel. TIH & tag	@ 2924'. PU swivel &
drill from 2924-3082'. Lost returns	s @ 3050'. Pump 2 c	irculations.	LD swivel. Well of	n vac. TOH to 405'.	
3/12/12 - TIH to 3082'. Pump 60 b					
2% CaCL. Lead w/ 10 bbls mud.			s & WOC 4 hrs. T	IH w/ 20 stds. No plug	g. Pump 40 sx Class C
w/ 2% CaCL. Disp w/ 7 bbls. TO			11/10111		-1- TOU 20 -4-1- R
3/13/12 - TIH to 3023'. No plug. WOC for 4 hrs. TIH to 3023'. No					
* Continued on attached sheet	plug. WOC bulk tru	ck. Fullip 30	) SX Class C W/ 270	Caci dispelise w/ 5 00	is. TOIT to tag in air.
Sommer on analysis should			Approved	tor plugging of well bore on	lv.
	,		Liability w	nder bond is retained pendi	ng-receipt
Spud Date:	R	ig Release D	of C-103 (	Subsequent Report of Well ]	Plugging)
pud Dute.	, and the second	ig Release D		he found at OCD Web Page wempred state and verted.	under
hereby certify that the information a	bove is true and com	plete to the b	est of my knowled	lge and belief.	
	1				
J . ~	1 . 1				
IGNATURE SUA	Tuct I	ITLE Regul	atory Analyst	DAT	TE 03/29/2012
Type or print name Lisa Hunt	F	i-mail addres	s: <u>lhunt@celeroer</u>	nergy.com PHC	ONE: <u>(432)686-1883</u>
For State Use Only	0				
DODONED DY STA	-01	100 F	man and	20	TE 4-4-2012
APPROVED BY:	T	ITLE_S	Hot Mes	DAT	E/-T-10/1
Conditions of Approval (if any):					

. . . . . .

### Drickey Queen Sand Unit #145 - C103 Continued

3/14/12 - TIH to 3023'. No plug. RU Precision & run BHP to 3050'. BHP 1356#. Temp 89 degrees. PU bit & csg scraper & TIH to 3055' & TOH. Run CIBP & set @ 3020'. PU PS & BP. TIH to 2992'. Pump 25 sx class C w/ 2% CaCl. Dispense w/ 9 bbls. TOH 500' & WOC 4 hrs. TIH & tag @ 2708'.

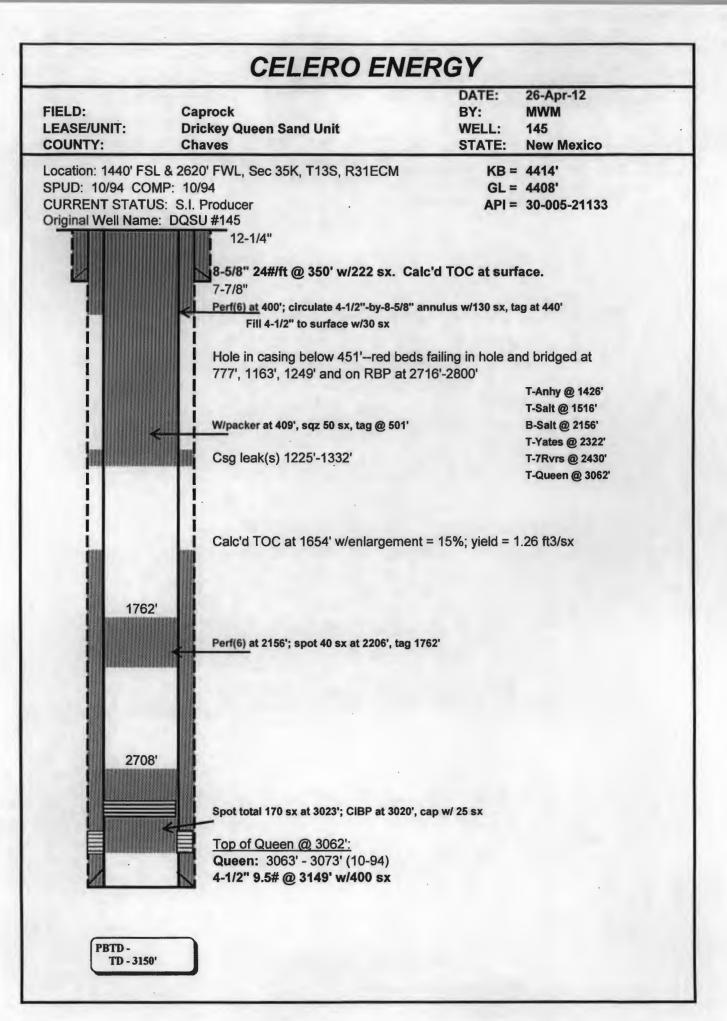
3/15/12 - Loaded hole w/ 7 bbls mud. Hole would hold psi. RU WL w/ strip gun & RIH to 1286'. Could not go deeper. RIH w/ scraper. Could not get past 1256'. RU & mix 80 bbls mud. PU bit, BS, 2-3 1/8" DC;s & TlH to 1225'. PU swivel & drill from 1225'-1323'. Received 1/4"-1/2" gravel in returns. LD swivel & TlH to 2269'. RU & circ hole clean. TOH.

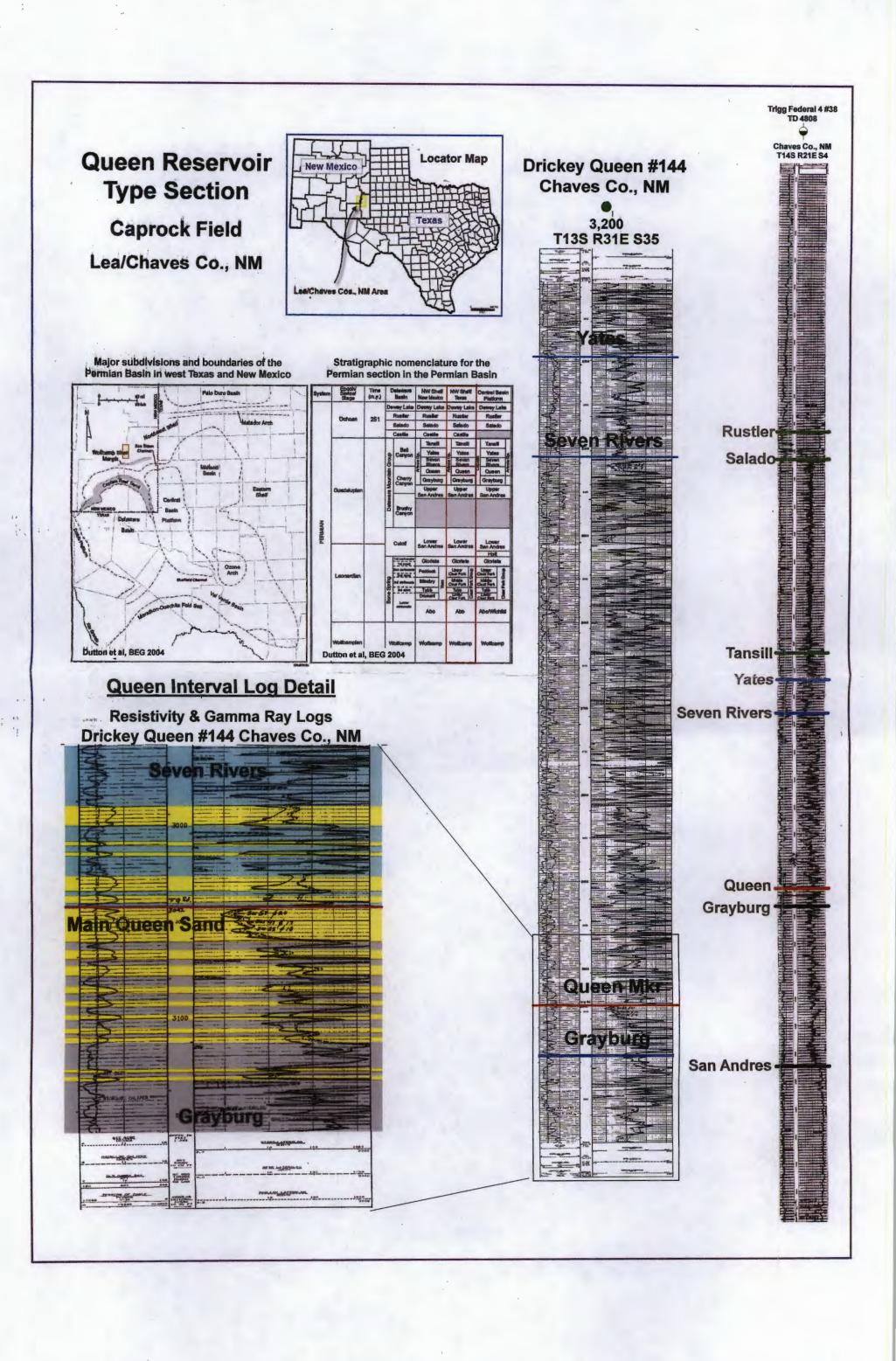
3/16/12 - TIH to 2269' & circ hole clean. TOH & LD 3 1/8" DC's. RIH w/ strip gun & shoot 6 SPF @ 2156'. TIH w/ PS & BP to 2206'. Pump 40 sx Class "C" cmt w/ 2% CaCl2. Displace w/ 5 bbls mud.

3/19/12 - TIH w/ PS & BP. Tag @ 1762', circ mud & TOH. PU AD-1 pkr & TIH. Set @ 409', establish inj rate of 1 BPM @ 400#. Pump 50 sx Class "C" cmt w/ 2% CaCl2. Displace w/ 12 bbls mud. SI w/ 400#. WOC 4 hrs. TIH w/ PS & BP, tag @ 501'. TOH & LD. Shoot 6 SPF'@ 400'. POH. TIH w/ tbg & LD same.

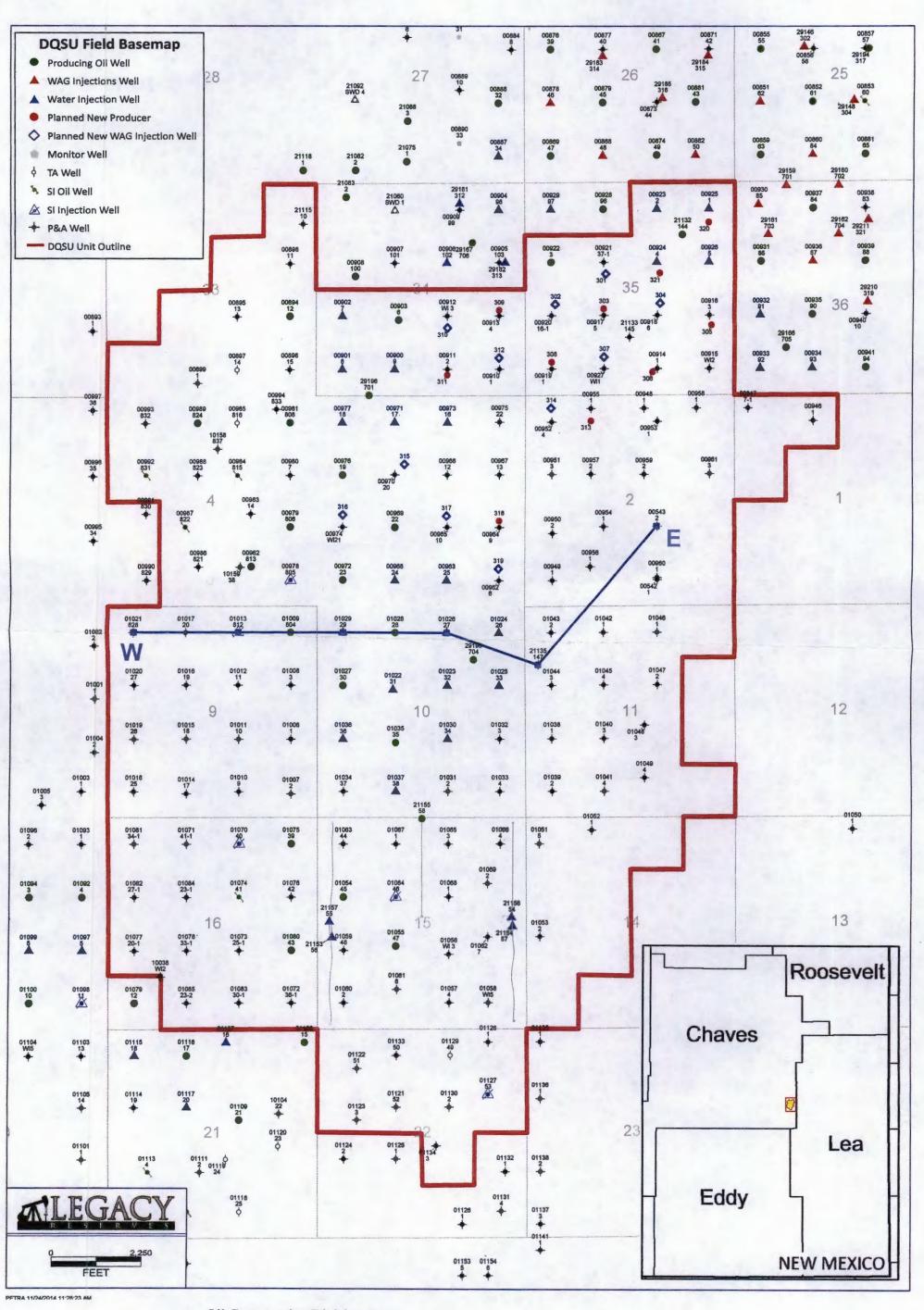
3/20/12 - PU AD-1 pkr & set @ 31'. Pump 130 sx Class "C" cmt w/ 2% CaCl2. Ran out of cmt. Displace to 400' & got cmt to surface on 4 ½" x 8 5/8" annulus. SWI & w/o bulk truck. Tried to squeeze but could not pump into it. Unseat pkr & LD same. PU PS & BP. TIH & tag @ 440'. Pump 30 sx Class "C" cmt w/ 2% CaCl2 & fill 4 ½" csg to surface. NDBOP & NUWH.

\$3/28/12 - Set marker & reclaim location.





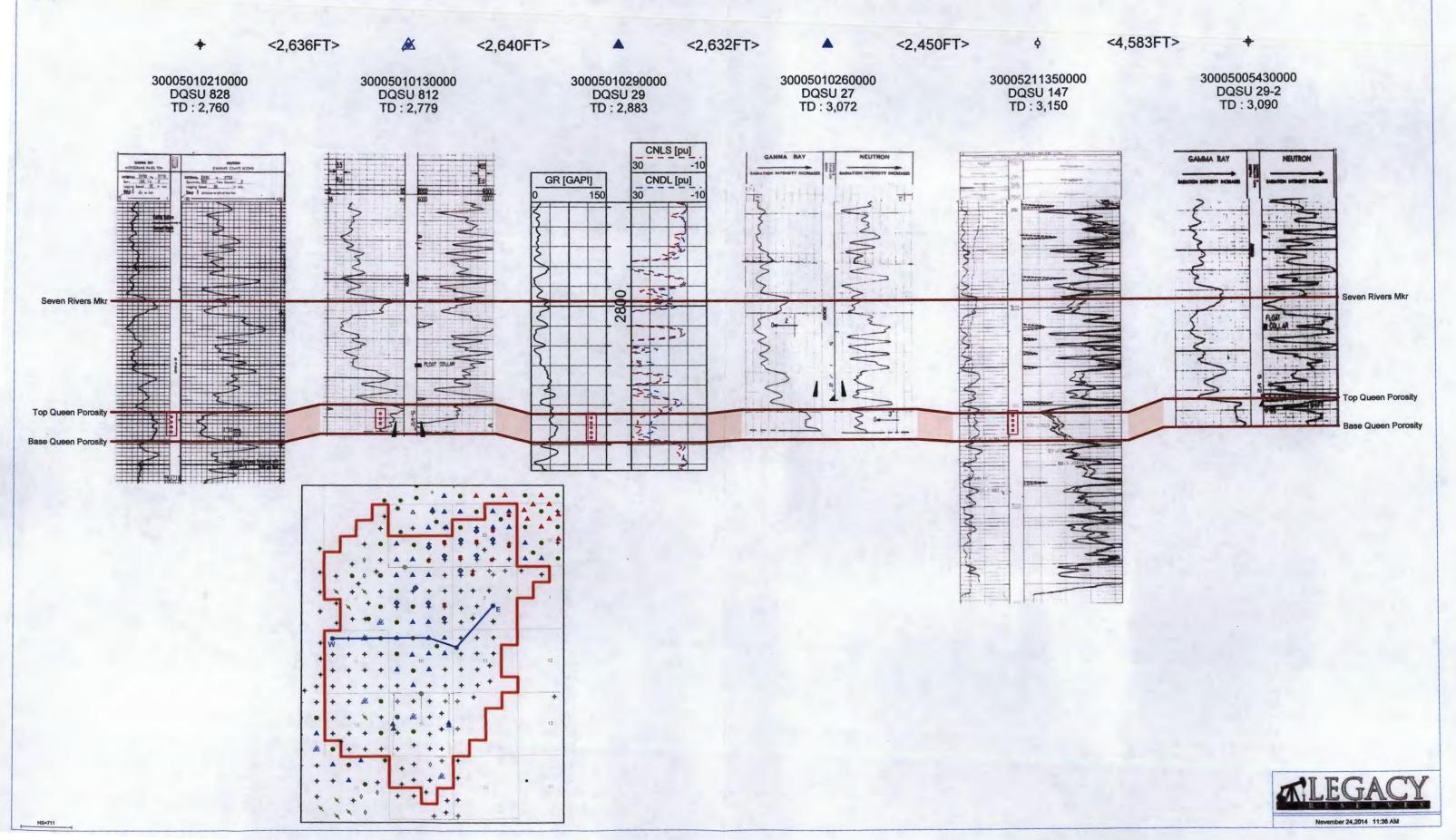
# **DQSU** Basemap



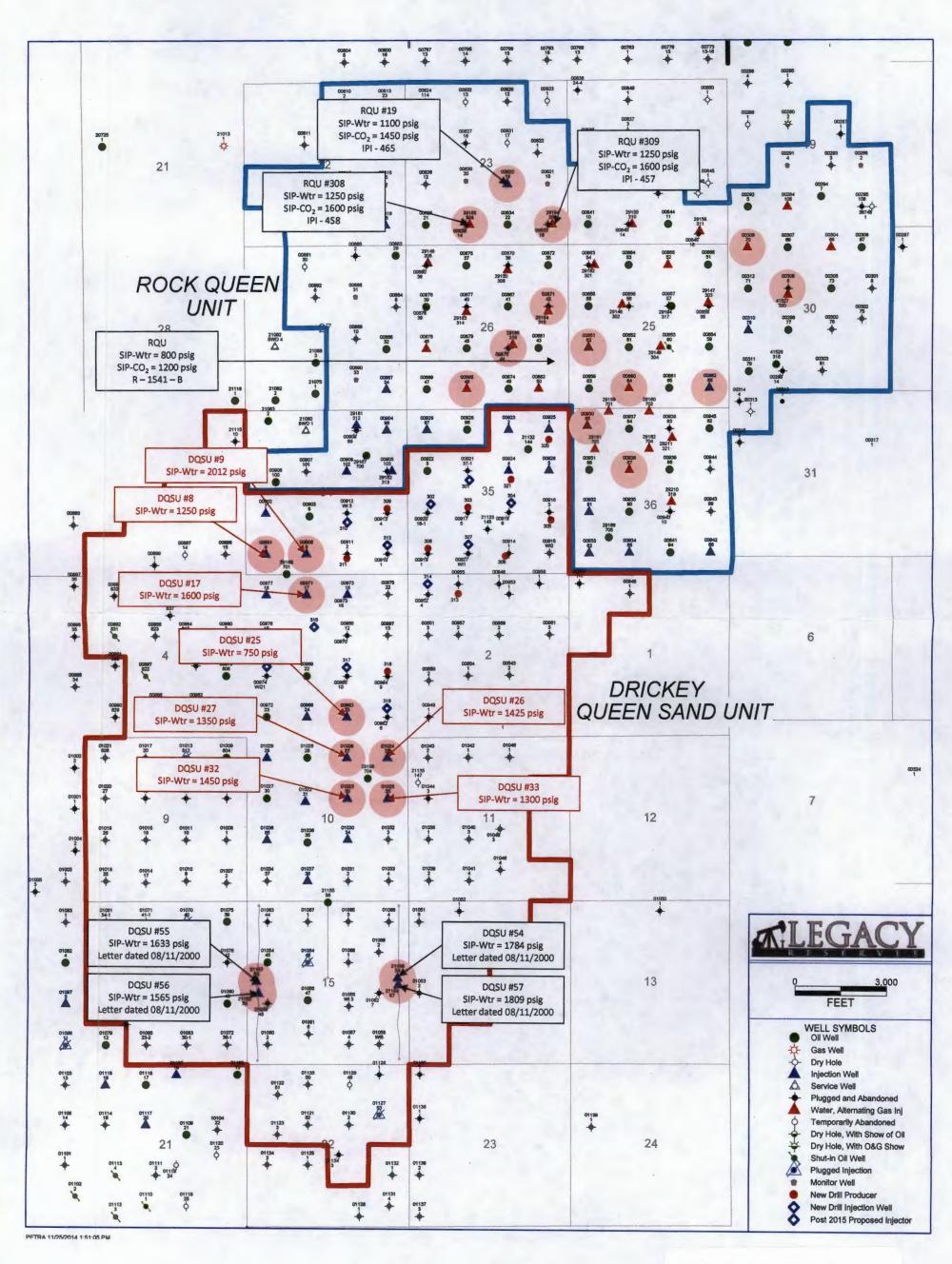
Oil Conservation Division Case No. \_\_\_\_\_Exhibit No. \_\_\_\_\_

W

E



# Caprock (Queen) Step Rate Tests



Oil Conservation Division Case No. \_\_\_\_\_ Exhibit No. \_\_\_\_\_

# **Drickey Queen Sand Unit Summary of Recent Step Rate Tests**

Well No.	Completion Depth (ft)	Туре	Rate (BWPD)	Surface Pressure (psig)	Bottom Hole Pressure (psig)	Tool Depth (ft)	Fracture Gradient (psi/ft @ tool)	Date of test (mm/dd/yy)
DQSU #8	2918-2946	Open Hole	3744	1250	2284	2910	0.785	11/14/2014
DQSU #9	3045-3060	Perforated	4608	2012	2012	3035	No Fracture	11/14/2014
DQSU #17	3047-3061	Perforated	3024	1600	2787	3020	0.922	11/12/2014
DQSU #25	3045-3060	Perforated	2880	750	1956	3042	0.643	11/12/2014
DQSU #26	3040-3048	Open Hole	3600	1425	2558	3030	0.844	11/13/2014
DQSU #27	3042-3072	Open Hole	720	1350	2628	3035	0.865	11/11/2014
DQSU #32	2935-2960	Open Hole	2880	1450	2509	2920	0.859	11/11/2014
DQSU #33	3044-3061	Perforated	3600	1300	2347	3035	0.773	11/12/2014

DQSU #27 and #32 were run using freshwater; remaining wells run using produced water.

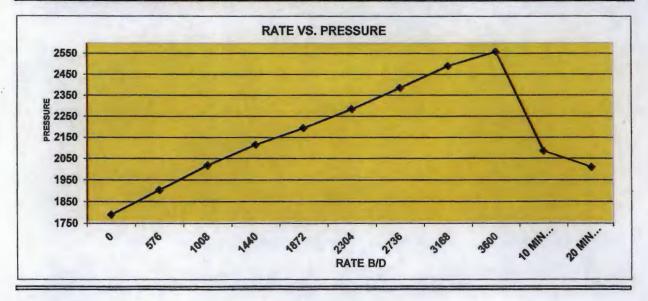
Propose a unit-wide wellhead injection pressure of 800 psig while injecting produced water.

### Correction for carbon dioxide:

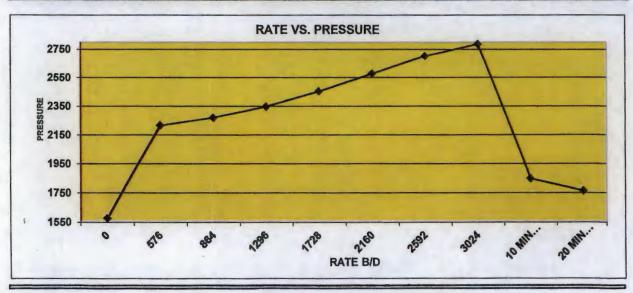
The assumptiions, calculations, and resulting correction for CO2 that were presented at hearing as Exhibit #33, Case #14505, Order #R-1541-B, Rock Queen Unit, would be the same for the Drickey Queen Sand Unit under anticipated operating conditions.

Consequently, a maximum surface injection pressure of 1200 psig while injecting CO2 is proposed.

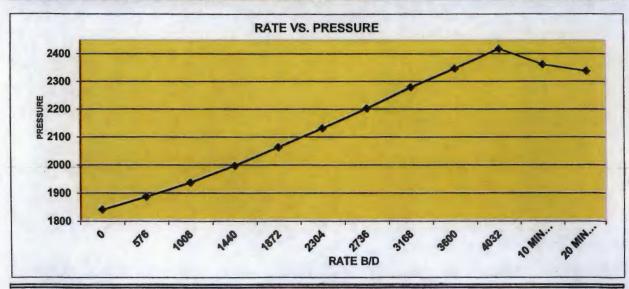
RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	11/13/2014	11:55 AM	1789	225	
576	11/13/2014	12:15 PM	1903	350	
1008	11/13/2014	12:35 PM	2017	500	NORMAL RATE & PSI
1440	11/13/2014	12:55 PM	2115	650	
1872	11/13/2014	1:15 PM	2193	775	
2304	11/13/2014	1:35 PM	2284	925	
2736	11/13/2014	1:55 PM	2385	1100	
3168	11/13/2014	2:15 PM	2490	1300	
	11/13/2014		2558	1425	SOFT FRAC
10 MIN FALL OFF	11/13/2014	2:45 PM	2085	550	
20 MIN FALL OFF	11/13/2014	2:55 PM	2010	450	
Company:	LEGACY RE	SERVES		Recorded By:	T. STANCZAK
Well:	DRICKEY Q	UEEN SAND	UNIT # 26	Witnessed By:	D. ROSA
Field:	CAPROCK			Truck Number:	104
	CHAVES	1		District:	LEVELLAND
	<b>NEW MEXIC</b>	0		Tool Number:	
Injection:	WATER			Test Type:	STEP RATE TESTS
Shut In Time:	2:35 PM			SOFT FRAC @ 360	00 B/D
<b>Total Shut In Time:</b>	20 MIN.			1425 SURFACE PI	
<b>Tubing Size:</b>	2 3/8			<b>2558 BOTTOM HO</b>	LE PRESSURE
Open Hole:	3040'-3048'				
Perforations:	N/A				
Plug Back Depth	N/A				



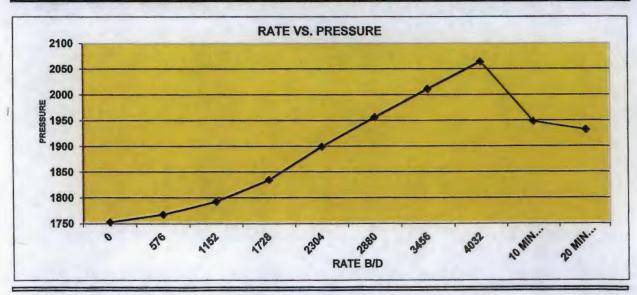
RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	11/12/2014	8:10 AM	1576	15	
576	11/12/2014	8:30 AM	2216	700	
864	11/12/2014	8:50 AM	2270	750	
1296	11/12/2014	9:10 AM	2347	875	
1728	11/12/2014	9:30 AM	2454	1050	
2160	11/12/2014	9:50 AM	2578	1250	
2592	11/12/2014	10:10 AM	2704	1450	
3024	11/12/2014	10:30 AM	2787	1600	SOFT FRAC
10 MIN FALL OFF	11/12/2014	10:40 AM	1848	300	
20 MIN FALL OFF	11/12/2014	10:50 AM	1764	200	
Company:	LEGACY RE	SERVES		Recorded By:	T. STANCZAK
Well:	DRICKEY Q	UEEN SAND	D UNIT # 17	Witnessed By:	D. ROSA
Field:	CAPROCK			Truck Number:	104
County:	CHAVES			District:	LEVELLAND
State:	<b>NEW MEXIC</b>	0		Tool Number:	
Injection:	WATER			Test Type:	STEP RATE TESTS
Shut In Time:	10:30 AM			SOFT FRAC @ 302	24 B/D
<b>Total Shut In Time:</b>	20 MIN.			1600 SURFACE PI	RESSURE
Tubing Size:	2 3/8			2787 BOTTOM HO	LE PRESSURE
Open Hole:	N/A				
Perforations:					
Plug Back Depth	N/A				



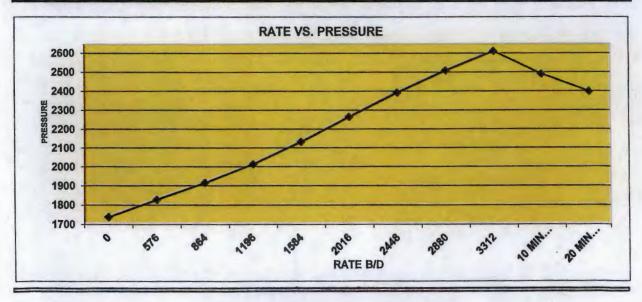
RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	11/12/2014	12:05 PM	1840	280	
576	11/12/2014	12:25 PM	1886	400	
1008	11/12/2014	12:45 PM	1937	525	
1440	11/12/2014	1:05 PM	1997	600	
1872	11/12/2014	1:25 PM	2063	700	
2304	11/12/2014	1:45 PM	2131	825	
2736	11/12/2014	2:05 PM	2202	975	
3168	11/12/2014	2:25 PM	2279	1150	
3600	11/12/2014	2:45 PM	2347	1300	SOFT FRAC
4032	11/12/2014	3:05 PM	2419	1475	
10 MIN FALL OFF	11/12/2014	3:15 PM	2362	800	
20 MIN FALL OFF	11/12/2014	3:25 PM	2338	775	
Company:	LEGACY RE	SERVES		Recorded By:	T. STANCZAK
Well:	DRICKEY Q	<b>UEEN SANI</b>	D UNIT # 33	Witnessed By:	D. ROSA
Field:	CAPROCK			Truck Number:	104
County:	CHAVES			District:	LEVELLAND
State:	<b>NEW MEXIC</b>	0		Tool Number:	
Injection:	WATER			Test Type:	STEP RATE TESTS
Shut In Time:	3:05 PM			SOFT FRAC @ 36	00 B/D
<b>Total Shut In Time:</b>	20 MIN.			1300 SURFACE PE	RESSURE
Tubing Size:	2 3/8			2347 BOTTOM HO	LE PRESSURE
Open Hole:	N/A				
Perforations:	3044'-3061				
Plug Back Depth	N/A				



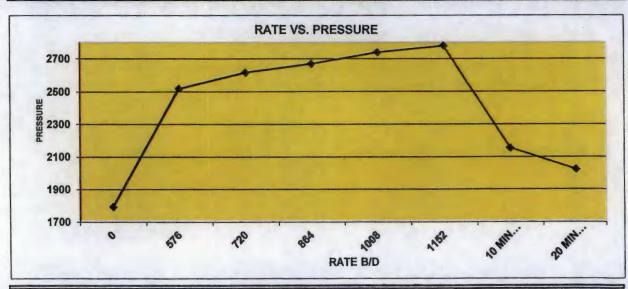
RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	11/13/2014	8:10 AM	1752	185	
576	11/13/2014	8:30 AM	1767	220	
1152	11/13/2014	8:50 AM	1792	275	
1728	11/13/2014	9:10 AM	1834	400	
2304	11/13/2014	9:30 AM	1899	575	
2880	11/13/2014	9:50 AM	1956	750	SOFT FRAC
3456	11/13/2014	10:10 AM	2011	960	
4032	11/13/2014	10:30 AM	2064	1175	
10 MIN FALL OFF	11/13/2014	10:40 AM	1948	390	
20 MIN FALL OFF	11/13/2014	10:50 AM	1932	375	
	LEGACY RE				T. STANCZAK
Well:	DRICKEY Q	UEEN SAND	O UNIT # 25	Witnessed By:	
Field:	CAPROCK			Truck Number:	
	CHAVES				LEVELLAND
	<b>NEW MEXIC</b>	0		Tool Number:	
Injection:					STEP RATE TESTS
Shut In Time:	10:30 AM			SOFT FRAC @ 28	
<b>Total Shut In Time:</b>	20 MIN.			750 SURFACE PR	
Tubing Size:				1956 BOTTOM HO	LE PRESSURE
Open Hole:					
Perforations:					
Plug Back Depth	N/A				Control of the Contro



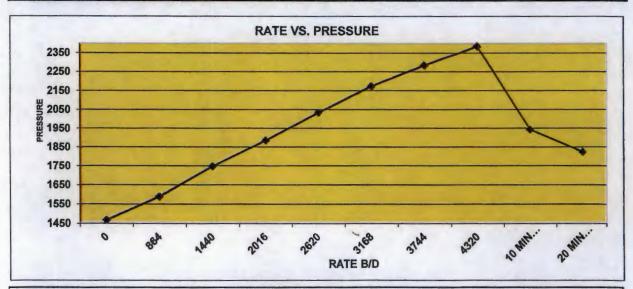
RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	11/11/2014	11:50 AM	1737	225	
576	11/11/2014	12:10 PM	1827	500	
864	11/11/2014	12:30 PM	1915	675	
1196	11/11/2014	12:50 PM	2013	800	
1584	11/11/2014	1:10 PM	2132	975	
2016	11/11/2014	1:30 PM	2265	1150	
2448	11/11/2014	1:50 PM	2393	1325	
2880	11/11/2014	2:10 PM	2509	1450	SOFT FRAC
3312	11/11/2014	2:30 PM	2611	1625	
10 MIN FALL OFF	11/11/2014	2:40 PM	2491	1350	
20 MIN FALL OFF	11/11/2014	2:50 PM	2399	1175	
Company:	LEGACY RE	SERVES		Recorded By:	T. STANCZAK
Well:	DRICKEY Q	UEEN SANI	O UNIT # 32	Witnessed By:	D. ROSA
Field:	CAPROCK			Truck Number:	104
County:	CHAVES			District:	LEVELLAND
State:	<b>NEW MEXIC</b>	0		Tool Number:	
Injection:	WATER			Test Type:	STEP RATE TESTS
Shut In Time:	2:30 PM			SOFT FRAC @ 288	80 B/D
<b>Total Shut In Time:</b>	20 MIN.			1450 SURFACE PI	RESSURE
Tubing Size:	2 3/8			2509 BOTTOM HO	LE PRESSURE
Open Hole:	2935'-2980'				
Perforations:	N/A				
Plug Back Depth	N/A			The same of the sa	



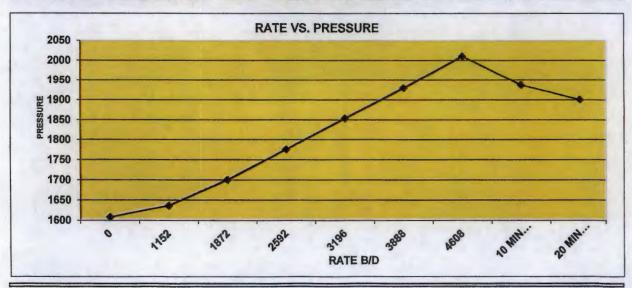
RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	11/11/2014	8:40 AM	1792	210	
576	11/11/2014	9:00 AM	2520	1150	
720	11/11/2014	9:20 AM	2617	1375	HARD FRAC
864	11/11/2014	9:40 AM	2670	1425	
1008	11/11/2014	10:00 AM	2740	1475	
1152	11/11/2014	10:20 AM	2779	1525	
10 MIN FALLOFF	11/11/2014	10:30 AM	2155	850	
20 MIN FALLOFF	11/11/2014	10:40 AM	2023	725	
	LEGACY RE			Recorded By:	T. STANCZAK
Well:	DRICKEY Q	UEEN SAND	UNIT # 27	Witnessed By:	D. ROSA
Field:	CAPROCK			Truck Number:	104
County:	CHAVES			District:	LEVELLAND
	<b>NEW MEXIC</b>	0		Tool Number:	
Injection:	WATER			Test Type:	STEP RATE TESTS
Shut In Time:	10:20 AM			HARD FRAC @ 72	0 B/D
<b>Total Shut In Time:</b>	20 MIN.			1350 SURFACE PI	RESSURE
Tubing Size:	2 3/8			<b>2628 BOTTOM HO</b>	LE PRESSURE
Open Hole:	3042'-3072'				
Perforations:	N/A				
Plug Back Depth	N/A				



RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	11/14/2014	8:20 AM	1466	0	
864	11/14/2014	8:40 AM	1588	90	
1440	11/14/2014	9:00 AM	1747	325	
2016	11/14/2014	9:20 AM	1885	525	
2620	11/14/2014	9:40 AM	2034	790	
3168	11/14/2014	10:00 AM	2174	1025	
3744	11/14/2014	10:20 AM	2284	1250	SOFT FRAC
4320	11/14/2014	10:40 AM	2385	1475	
10 MIN FALL OFF	11/14/2014	10:50 AM	1943	450	
20 MIN FALL OFF	11/14/2014	11:00 AM	1824	325	
Company:	LEGACY RE	SERVES		Recorded By:	T. STANCZAK
Well:	DRICKEY Q	<b>UEEN SAND</b>	O UNIT#8	Witnessed By:	D. ROSA
Field:	CAPROCK			Truck Number:	104
County:	CHAVES			District:	LEVELLAND
State:	<b>NEW MEXIC</b>	0		Tool Number:	
Injection:	WATER			Test Type:	STEP RATE TESTS
Shut In Time:	10:40 AM			SOFT FRAC @ 37	74 B/D
<b>Total Shut In Time:</b>	20 MIN.			1250 SURFACE PE	RESSURE
<b>Tubing Size:</b>	2 3/8			2284 BOTTOM HO	LE PRESSURE
Open Hole:	2928'-2946'				A1002-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0
Perforations:	N/A				
Plug Back Depth	N/A				



RATE B/D	Date	Time	BH PRESS	SURF. PRESS	Comments
0	11/14/2014	1:20 PM	1608	50	
1152	11/14/2014	1:40 PM	1636	100	
1872	11/14/2014				
2592	11/14/2014	2:20 PM	1776	475	
3196	11/14/2014	2:40 PM	1854	650	
3888	11/14/2014	3:00 PM	1930	900	
4608	11/14/2014	3:20 PM	2011	1125	
10 MIN FALL OFF	11/14/2014	3:30 PM	1938	375	
20 MIN FALL OFF	11/14/2014	3:40 PM	1901	340	
Company:	LEGACY RE	SERVES		Recorded By:	T. STANCZAK
Well:	DRICKEY Q	<b>JEEN SANI</b>	D UNIT#9	Witnessed By:	D. ROSA
Field:	CAPROCK			Truck Number:	104
County:	CHAVES			District:	LEVELLAND
State:	<b>NEW MEXIC</b>	0		Tool Number:	
Injection:	WATER			Test Type:	STEP RATE TESTS
Shut In Time:	3:20 PM			NO FRAC WAS AC	HIEVED
<b>Total Shut In Time:</b>	20 MIN.				
Tubing Size:	2 3/8				
Open Hole:	N/A				
Perforations:	3045'-3060'				
Plug Back Depth					



## Rock Queen Unit Step-Rate Tests Summary

Well No.	Rate (BWPD)	Surface Pressure (psig)	Bottom Hole Pressure (psig)	Tool Depth (ft)	Fracture Gradient (psi/ft @ tool)	Date of test (mm/dd/yy)
RQU #6	3,200	450	1,435	3,050	No Fracture	08/18/08
RQU #42	4,000	1,700	2,500	2,900	No Fracture	03/29/08
RQU #44	1,530	1,720	3,000	3,030	0.990	04/02/08
RQU #48	2,000	810	1,936	2,900	No Fracture	08/20/08
RQU #62	440	1,055	2,395	3,040	0.788	04/01/08
RQU #64	2,800	900	1,918	2,900	No Fracture	08/19/08
RQU #66	40Ó	1,140	2,474	3,050	0.811	03/29/08
RQU #70	2,800	1,530	2,574	3,040	0.847	04/01/08
RQU #85	4,200	1,020	1,932	3,040	No Fracture	08/24/08
RQU #87	400	1,145	2,382	2,900	0.821	08/25/08

Propose a unit-wide wellhead injection pressure of 1050 psig--corrected for the density of injected fluid.

Correction for produced water injection based on a SG = 1.2, gradient = 0.52 psi/ft at 3000 feet:

Corrected WHP = 1050 psig - 3000 ft (0.52-0.433) psi/ft = 789 psi, ignoring any friction pressure. Recommend a maximum wellhead injection pressure of 800 psi on produced water.

Calculated BHP = 3000 ft (0.52 psi/ft) + 800 psi = 2360 psi

Correction for carbon dioxide:

Working equation: BHP = WHP + Fluid Gradient X Depth

WHP and fluid gradient are unknowns; gradient changes with pressure (depth)

Solution is to assume a WHP, calculate an average CO2 density, then calculate a BHP CO2 densities calculated at a temperature of 70 degrees F. At a BHP of 2360 psia, density of CO2 is 56.66 lbm/ft3

	CO2 Density	Average CO2	Calculated	Calculated
WHP(psia)	(lbm/ft3)	Density(lbm/ft3)	Gradient(psi/ft)	BHP(psia)
900	48.29	52.48	0.364	1992
1000	49.55	53.11	0.368	2104
1100	50.53	53.60	0.372	2216
1200	51.34	54.00	0.375	2325
1300	52.04	54.35	0.377	2431

Limit WHP to 1200 psi on CO2 injection.

CO2 density from NIST;

Gradient = CO2 density/62.43 X 0.433 psi/ft

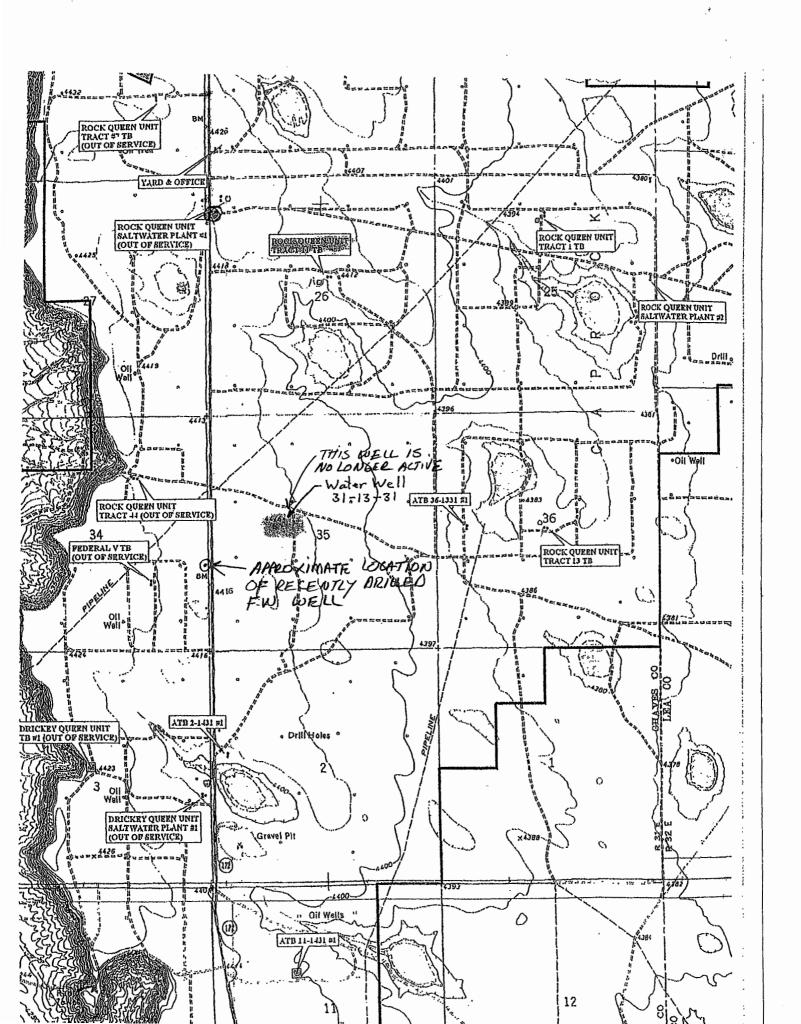
Oil Conservation Division Case No. 14505
Exhibit No. 33

## **MITCHELL ANALYTICAL LABORATORY**

2638 Faudree Odessa, Texas 79765-8538 561-5579

Company:	Legacy Re	serves					
Well Number: Lease: Location:	Section 34 Water Well				Sample Temp: Date Sampled: Sampled by:	65 11/10/2 Isaac H	
Date Run: Lab Ref #:	11/12/2014 14-nov-n7799	95			Employee #: Analyzed by:	GR	
			Dissolved G	Sases			
					Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfi	, ,				.00	16.00	.00
Carbon Dioxide	, ,				146.00	22.00	6.64
Dissolved Oxyg	gen (O2)		NOT ANAL	.YZED			
			Cations				
Calcium	(Ca++	<b>-</b> )			105.81	20.10	5.26
Magnesium	(Mg+-	+)			27.28	12.20	2.24
Sodium	(Na+)				204.30	23.00	8.88
Barium	(Ba++	<b>-</b> )			2.63	68.70	.04
Manganese	(Mn+)	)			.01	27.50	.00
Strontium	(Sr++	·)			.97	47.80	.02
			Anions				
Hydroxyl	(OH-)				.00	17.00	.00
Carbonate	(CO3=	=)			.00	30.00	.00
BiCarbonate	(HCO3	3-)			146.64	61.10	2.40
Sulfate	(SO4=	=)			90.00	48.80	1.84
Chloride	(CI-)				198.22	35.50	5.58
Total Iron	(Fe)				0.42	18.60	.02
Total Dissolved	Solids				922.28		
<b>Total Hardness</b>	as CaCO3				376.37		
Conductivity M	ICROMHOS/C	М			997		
pН	7.500			Specific	Gravity 60/60	F.	1.001
CaSO4 Solubility	y @ 80 F.	18.3	36MEq/L,	CaSO4 s	cale is unlikely		
CaCO3 Scale Inde	ex						
70.0	486	100.0	136	130.0	.374	1	
80.0	356	110.0	.104	140.0		1	
90.0	136	120.0	.104	150.0			

Males Company



## NALCO Champion wa

## **Water Analysis Report**

An Ecolab Company

Attention: Anthony.baeza@champ-tech.com

Customer: Legacy Resources LP (1505590)

Location Code: 155251 Sample ID: AC76838 Region: Caprock Area

Login Batch: 141015\_MFA\_SW\_CR\_SI\_

Location: Drickey Queen Sand Lease

Collection Date: 10/01/2014

System: Production System

Receive Date: 10/10/2014

Equipment: Well 28 Lab ID: ABU-1031

Report Date: 10/23/2014

Sample Point: Well Head Valve Upstream of Choke

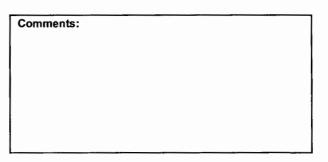
Analyses	Result	Unit
Dissolved CO2	710	mg/L
Dissolved H2S	11.97	mg/l
рН	7	
Pressure	110	psi
Temperature	76	۰F

Analyses	Result	Unit
Bicarbonate	48.8	mg/L
Conductivity	463987	μS - cm3
Ionic Strength	5.10	
Resistivity	0.022	ohms - m
Specfic Gravity	1.208	
Total Dissolved Solids	296981.4	mg/L

Cations	Result	Unit
Iron	25.29	mg/L
Manganese	4.499	mg/L
Barium	0.128	mg/L
Strontium	142.2	mg/L
Calcium	2184	mg/L
Magnesium	5919	mg/L
Sodium	105081.25	mg/L

Anions	Result	Unit
CHLORIDE	182958.75	mg/L
SULFATE	617.5	mg/L

Scale Type	Result
Anhydrite CaSO4 SI	-0.63
Barite BaSO4 SI	-0.16
Calcite CaCO3 SI	-0.65
Celestite SrSO4 PTB	27.7
Celestite SrSO4 SI	0.17
Gypsum CaSO4 SI	-0.86
Hemihydrate CaSO4 SI	-0.86
Saturation Index Calculation (Tomso	n-Oddo Model)



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11/18/2014 Page 1 of 1

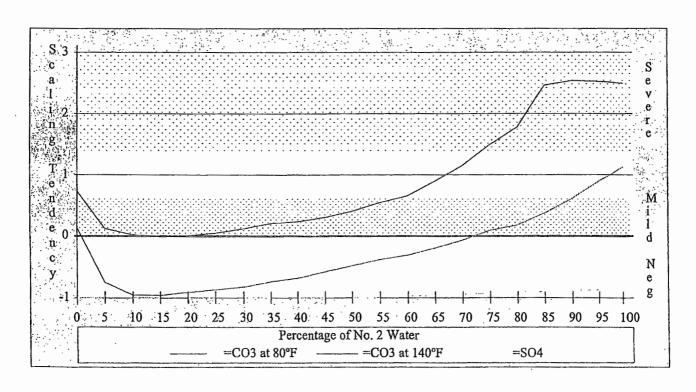
## **Comparison Between Two Waters**

Requested by: Pro-Kem, Inc.

Sample No. 1 Celero Energy Recovery Water

Sample No. 2 Celero Energy Produced Water

Percent of				CaCO3 Sa	turation	Calcium Sulfate
#1 & #2	pН	TDS	SpGr	@80°F. (	@140°F.	<b>Scaling Potential</b>
100 - 00	7.100	468	1.009	0.133	0.733	Nil
95 - 05	7.070	15,378	1.019	-0.751	0.109	Nil
90 - 10	7.040	30,289	1.029	-0.960	0.010	Nil
85 - 15	7.010	45,199	1.038	-0.952	-0.012	Nil
80 - 20	6.980	60,109	1.048	-0.908	0.002	Nil
75 - 25	6.950	75,020	1.058	-0.873	0.047	Nil
70 - 30	6.920	89,930	1.068	-0.823	0.107	Nil
65 - 35	6.890	104,840	1.077	-0.742	0.193	Nil
60 - 40	6.860	119,751	1.087	-0.679	0.226	Nil
55 - 45	6.830	134,661	1.097	-0.592	0.298	Nil
50 - 50	6.800	149,572	1.107	-0.480	0.400	Nii
45 - 55	6.770	164,482	1.116	-0.382	0.538	Nil
40 - 60	6.740	179,392	1.126	-0.307	0.653	Nil
35 - 65	6.710	194,303	1.136	-0.196	0.904	Nil
30 - 70	6.680	209,213	1.146	-0.067	1.153	Nil
25 - 75	6.650	224,123	1.155	0.080	1.500	Nil
20 - 80	6.620	239,034	1.165	0.175	1.785	Nil
15 - 85	6.590	253,944	1.175	0.367	2.467	Nil
10 - 90	6.560	268,854	1.185	0.608	2.548	Nil
05 - 95	6.530	283,765	1.194	0.898	2.528	Nil
00 - 100	6.500	298,675	1.204	1.125	2.505	Nil



Oil Conservation Division Case No. 1505

## Pro-Kem, Inc. WATER ANALYSIS REPORT

SAMPLE

Oil Co.: Celero Energy

Lease:

Well No.: Fresh Water

**Dissolved Gasses** 

Location:

Attention:

Date Sampled: 17-August-2007 Date Analyzed: 23-August-2007

Lab ID Number: Aug2307.003-2

Salesperson:

File Name: aug2307.003

### **ANALYSIS**

1.	Ph	7.100
2.	Specific Gravity 60/60 F.	1.009

3. **CACO3 Saturation Index** @ 80F

0.133 Mild @140F 0.733 Moderate MG/L EQ. WT.

Hydrogen Sulfide **Not Present** Carbon Dioxide 5. Not Determined Dissolved Oxygen **Not Determined Cations** 

		•				
7.	Calcium	(Ca++)		63	/ 20.1 =	3.13
8.	Magnesium	(Mg++)		13	/ 12.2 =	1.07
9.	Sodium	(Na+)	(Calculated)	54	/ 23.0 =	2.35
10.	Barium	(Ba++)	(	Not Determined		
A	nions					
11.	Hydroxyl	(OH-)		0	/ 17.0 =	0.00
12.	Carbonate	(CO3=)		. 0	/ 30.0 =	0.00

13. (HCO3-) Bicarbonate / 61.1 = 193 3.16 14. Sulfate (SO4=) / 48.8 = 95 1.95 15. Chloride / 35.5 = (CI-) 50 1.41 16. **Total Dissolved Solids** 468 17. Total Iron (Fe) 2.00 / 18.2 = 0.11

18. Manganese (Mn++) **Not Determined** 19. Total Hardness as CaCO3 208

20. Resistivity @ 75 F. (Calculated) 2.462 Ohm · meters

### LOGARITHMIC WATER PATTERN

*meg / L.									
Na	<del>       </del>	<del>                                     </del>		####	1 11111	1 1111111	1111111	-1-1-11111	CI
_	an: L.								
Ca		-		1111/1-	<del>                                     </del>	<del>i Hilli</del>	1 11111	11111	HC03
N. 4 ~~	801111		8811 6 1	201111	/	1 1 101118	1 1 1 1 1 1 1 1 1 1		004
Mg	<del>                                     </del>	Till i	<del>-            </del>		<del>/                                      </del>	-++	<del>:   !   </del>	<del>               </del>	SO4
Fe	 <del>                                   </del>				V	_  - - - - - - -	1 11115	11111	CO3
		1000	100	10	1 10			00 100	
Colletone Code-As Colletone Du ette									

	Calcium Sulfate Solubility Profile							
	1430	<del> </del>	<del> </del>	-	k	<del>-</del>	· · · · · · · · · · · · · · · · · · ·	_
	1405		//		_			_
m	1380		/					_
g	1355 —							
y	1330		1					
1	1305							_
	1280	/						_
L	1255	L	<u> </u>					
	1230 —		1					
	1205 —							$\overline{}$
	1180						7	_
	Temp °F.	50	70 9	0 1	10 1	30 1	50 17	70

### DDODARI E MINEDAL COMPOSITIONI

\*MEQ/L

PROBABLE MINERAL COMPOSITION								
COMPOUND	*meq/L	Х	EQ. WT.	=	mg/L.			
Ca(HCO3)2	3.13		81.04		254			
CaSO4	0.00		68.07		0			
CaCl2	0.00		55.50		0			
Mg(HCO3)2	0.02		73.17		2			
MgSO4	1.04		60.19		63			
MgCl2	0.00		47.62		0			
NaHCO3	0.00		84.00		0			
NaSO4	0.91		71.03		64			
NaCl	1.41		58.46		82			
_	**** * *							

\* milliequivalents per Liter

Kevin Byrne, Analyst

## Pro-Kem, Inc. WATER ANALYSIS REPORT

SAMPLE

Oil Co.: Celero Lease : Rock Queen

**Dissolved Gasses** 

Hydrogen Sulfide

Well No.: 84

Location: Attention: Date Sampled: 17-July-2007 Date Analyzed: 20-July-2007 Lab ID Number: Jul2307,004- 1

Moderate

EQ. WT.

\*MEQ/L

Severe

Salesperson:

1.125

2.505

26,544

File Name: jul2307.004

### **ANALYSIS**

4.

1.	Ph	6.500
2.	Specific Gravity 60/60 F.	1.204
_		

CACO3 Saturation Index @ 80F @140F

> MG/L **Not Present**

5. Carbon Dioxide 300 6. Dissolved Oxygen **Not Determined** 

## Cations

Anione						
10.	Barium	(Ba++)		Not Determined		•
9.	Sodium	(Na+)	(Calculated)	107,113	/ 23.0 =	4.657.09
8.	Magnesium	(Mg++)		5,310	/ 12.2 =	435.25
1.	Calcium	(Ca++)		1,876	/ 20.1 =	93.33

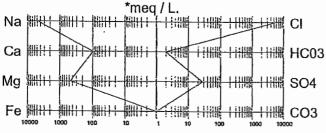
P	nions				
11.	Hydroxyl	(OH-)	0	/ 17.0 =	0.00
12.	Carbonate	(CO3=)	0	/ 30.0 =	0.00
13.	Bicarbonate	(HCO3-)	117	/ 61.1 =	1.91
14.	Sulfate	(SO4=)	1,300	/ 48.8 =	26.64
15.	Chloride	(Cl-)	182,959	/ 35.5 =	5,153.77
16.	Total Dissolved	Solids	298,675		•
17.	Total Iron	(Fe)	11.50	/ 18.2 =	0.63

18. Manganese (Mn++)**Not Determined** 19.

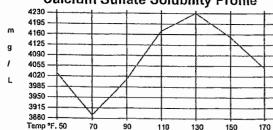
Total Hardness as CaCO3 20.

Resistivity @ 75 F. (Calculated) 0.001 Ohm · meters

## LOGARITHMIC WATER PATTERN



### **Calcium Sulfate Solubility Profile**



PROBABLE	MINERAL	COMP	OSITION

PROBABLE MINERAL COMPOSITION						
COMPOUND	) *meq/L	Χ	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	2	72,058	
*						

\* milliequivalents per Liter

Kevin Byrne, Analyst

Report Date: June 14, 2007 2972

Work Order: 7052432 Celero Energy-Rock Queen ESA Page Number: 1 of 1 Chaves Co. NM

## **Summary Report**

Ike Tavarez Highlander Environmental Services 1910 N. Big Spring Street

Midland, TX, 79705

Report Date: June 14, 2007

Work Order: 7052432

Project Location: Chaves Co. NM

Project Name: Celero Energy-Rock Queen ESA

Project Number: 2972

Date Time Date Sample Description Matrix Taken Taken Received 125351 Water Well 31-13-31 2007-05-22 00:00 2007-05-23

Location: Sec. 35(F), T135, R31ECM

Sample: 125351 - Water Well 31-13-31

Param	Flag	Result	Units	RL
Hydroxide Alkalinity		<1.00	mg/L as CaCo3	1.00
Carbonate Alkalinity		<1.00	mg/L as CaCo3	1.00
Bicarbonate Alkalinity		152	mg/L as CaCo3	4.00
Total Alkalinity		152	mg/L as CaCo3	4.00
Dissolved Calcium		63.5	ing/L	0.500
Chloride		32.1	mg/L	0.500
Specific Conductance		546	uMHOS/cm	0.00
Fluoride		<1.00	mg/L	0.200
Dissolved Potassium		1.98	mg/L	0.500
Dissolved Magnesium		8.79	mg/L	0.500
Dissolved Sodium		28.5	mg/L	0.500
Nitrate-N		4.10	mg/L	0.200
pH		7.83	s.u.	0.00
Sulfate		43.6	mg/L	0.500
Total Dissolved Solids		327.0	mg/L	10.00

### Parties Being Notified

Commissioner of Public Lands P.O. Box 1148 Santa Fe, NM 87504

Trigg Oil & Gas LP P.O. Box 520 Roswell, NM 88202

Bureau of Land Management 620 East Greene Carlsbad, NM 88220

Anadarko E&P Onshore LLC P.O. Box 1330 Houston, TX 77251

Blanco Company P.O. Box 25968 Albuquerque, NM 87125

OXY USA WTP Limited Partnership 5 Greenway Plaza Houston, TX 77046

Slash Ranch P.O. Box 1876 Lovington, NM 88260

Reliance Energy, Inc. Suite 1200 500 West Illinois Midland, TX 79701

ConocoPhillips Company P.O. Box 2197 Houston, TX 77252-2197

Chevron U.S.A. Inc. P.O. Box 36366 Houston, TX 77232 S&S Inc. P.O. Box 1046 Eunice, NM 88231

Ruth Zimmerman, Trustee of the Ruth Zimmerman Trust 842 Muirlands Vista Way La Jolla, CA 92037

Hazel Z. Hart, Trustee of the Hazel Z. Hart Trust 842 Muirlands Vista Way La Jolla, CA 92037

Sawyer Ward 207 Porr Drive Ruidoso, NM 88345

Scharbauer Alston Ward P.O. Box 64 Nogal, NM 88341

Laine W. Gilbert c/o Western Commerce Bank Trust Department 1003 West Avenue D Lovington, NM 88260

Jill C. Johnson c/o Western Commerce Bank Trust Department 1003 West Avenue D Lovington, NM 88260

Cimarex Energy Co.
Magnum Hunter Production, Inc.
Suite 600
600 North Marienfeld
Midland, TX 79701

Hardin-Simmons University 2200 Hickory Street Abilene, TX 79698 Marianne Hannon Schoefield Apartment 143 600 Park Grove Lane Katy, TX 77450

Jan H. Thomas 10180 Paganica Pass Hutchinson, KS 67502

Marshall & Winston, Inc. P.O. Box 50880 Midland, TX 79710

Rapid Company, Inc. P.O. Box 1231 Lovington, NM 88260

Kevin O. Butler & Associates, Inc. Suite 660 550 West Texas Midland, TX 79701