

2/04/2015 DATE IN	SUSPENSE	2/04/2015 ENGINEER	2/04/2015 LOGGED IN	SWD TYPE	PMAM1503730303 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Billy E. Prichard
 Print or Type Name

Billy E. Prichard
 Signature

Agent for Judah Oil, LLC
 Title

2/3/15
 Date

billy@pwllc.net
 e-mail Address

- SWD
 - Judah Oil LLC
 245872
 well
 - Cotton Tree
 SWD #1
 30-025-2057
 Pool
 - SWD, Bull Canyon
 Cherry Canyon
 46802
 (F-32-255-324)

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance ☒ Disposal Storage
Application qualifies for administrative approval? ☒ Yes No
- II. OPERATOR: Judah Oil, L.L.C.
ADDRESS: PO Box 568 Artesia, NM 88210
CONTACT PARTY: Blaise Campanella jbcc@judahoil.com PHONE: 575-748-5488
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? Yes ☒ No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: Billy E. Prichard TITLE: Agent for Judah Oil, L.L.C.
SIGNATURE: Billy E. Prichard DATE: 2/3/15
E-MAIL ADDRESS: billy@pwllc.net
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

Judah Oil, L.L.C.
Cotton Tree State SWD # 1
API # 30-025-20577
1980 FNL X 1980 FWL
Unit Letter "F", Section 32, T25S, R32E
Lea County, New Mexico
C108 Application for Authorization to Inject

I.

The purpose of this application is seeking administrative approval for the conversion of the Cotton Tree State SWD #1 from a dry and abandoned oil well test to a commercial Bell-Cherry Canyon salt water disposal well.

II.

Operator: Judah Oil, L.L.C. Ogrid: 245872
Address: PO Box 568 Artesia, NM 88211
Contact Party: Blaise Campanella 575-748-5488 email: jbc@judahoil.com

III.

Please see Exhibit "A" for well data

IV.

This is not an expansion of an existing project

V.

Please see Exhibit "B" of map of Area of Review

VI.

There are 2 wells with in the 0.5 mile Area of Review that penetrate the proposed disposal zone. Please see Exhibit "C" for offset well data.

VII.

- 1. Anticipated disposal volume 18000 BWPD with a maximum of 20000 BWPD.**
- 2. System will be open.**
- 3. Anticipated disposal pressure of 0 (Zero) psig with a maximum disposal pressure of 980 psig.**
- 4. Please see Exhibit "D" for disposed fluid analysis.**
- 5. Please see Exhibit "D" for disposal zone fluid analysis.**



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Page 1 of 1

Judah Oil, L.L.C.
Cotton Tree State SWD # 1
API # 30-025-20577
1980 FNL x 1980 FWL
Unit Letter "F", Section 32, T25S, R32E
Lea County, New Mexico
C108 Application for Authorization to Inject

VIII.

Above the Bell Canyon is the Lamar Lime and below the Cherry Canyon is the Bone Spring formation.
The Bell-Cherry Canyon is part of the Delaware Mountain Group and consist mainly of sandstone estimated 4554'-6900'
Proposed disposal zone 4900' - 6800'

IX.

No stimulation is planned at this time. If disposal rates and pressures dictate, disposal zone will acidized to clean up near wellbore damage.

X.

Logs will be submitted after completion.

XI.

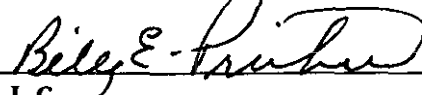
No fresh water wells have been located within the 1 mile Area of Review
Please see Exhibit "E" for data from New Mexico State Engineer data.

XII.

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

XIII.

Please see Exhibit "F" for Proof of Notify

Billy E. Prichard 
Agent for Judah Oil, L.L.C.

Date 2/3/15



Judah Oil, L.L.C.
Cotton Tree State SWD # 1
API 30-025-20577
1980 FNL X 1980 FWL
Unit Letter "F", Section 32, T25S, R32E
Lea County, New Mexico
Well Data

Spud June 3, 1963 as test of Ramsey Sand

7 5/8" 26# casing set at 366' in 10 1/4" hole, cemented with 225 sacks cement.
Cement circulated to the surface

Drill 6 3/4" hole to total depth of 4624'.

Well plugged and abandoned June 11, 1963

Plug 1 - 25 sacks 4524' - 4624'

Plug 2 - 20 sacks 4210' - 4290'

Plug 3 - 20 sacks 1000' - 1080'

Plug 4 - 35 sacks 300' - 400'

Plug 5 - 10 sack surface plug

Estimated Formation Tops

Anhydrite - 1050'

Top of Salt - 1400'

Base of Salt - 4270'

Lamar Lime - 4514'

Bell Canyon - 4554'

Cherry Canyon - 5500'

Brushy Canyon - 6900' ✓ 6075

June 1963



www.pwllc.net

EXHIBIT "A"

6 3/4" Open Hole

EXHIBIT "A"

PROPOSED WELLBORE STATUS

JUDAH OIL, LLC

Cotton Tree State SWD No 1

API # 30-025-20577

1980' FNL 1980' FWL SENW (F) SEC 32 T25S - R32E

ALL DEPTHS KB

KB 3305'

GL 3297'

Anhy 1050'

10-1/4" hole

7-5/8", 26# csg @ 366'
w/225 sx to Surf Circ

Top Salt 1400'

3-1/2" 9.6# Du-o-line'

Drill Out
6-3/4" Open Hole

Base Salt 4270'

Top/Del Sect 4484'

Top/Lamar 4514'

Top Bell Cannon 4554'

5-1/2" X 3-1/2" ASI-X NP

PKR @ 5025'

TOP PERF 5100'

Est. Top Cherry Can 5500'

PERFS TO BE SELECTED
FROM ACTUAL LOGS

BTM PERF 6825'

Est. Top Brushy Can 6875'

TD 6900'

5-1/2" N-80 18# csg @ 6900
w/2000 sx to Surf Circ

06/18/2015

6800' per
Notice

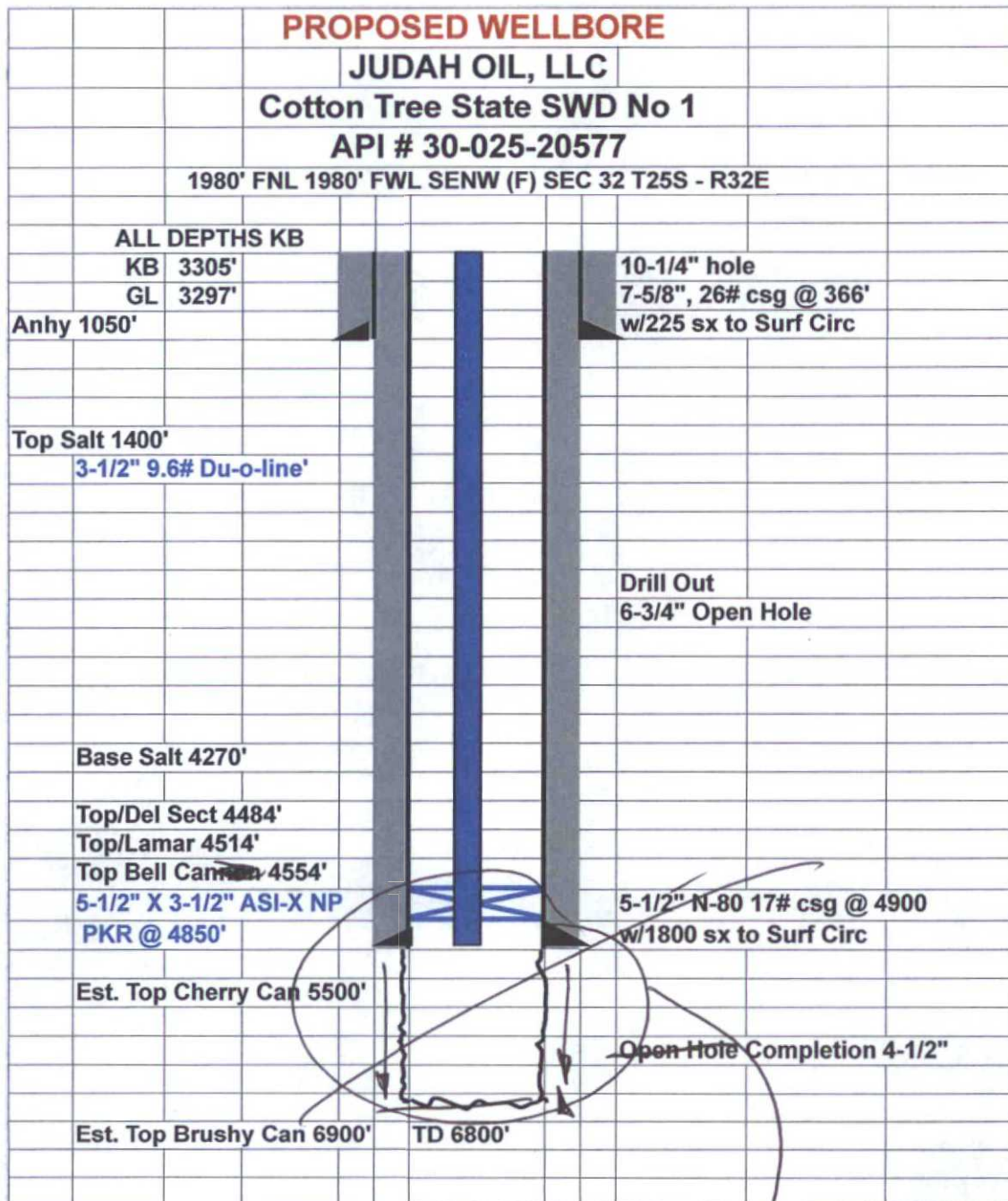
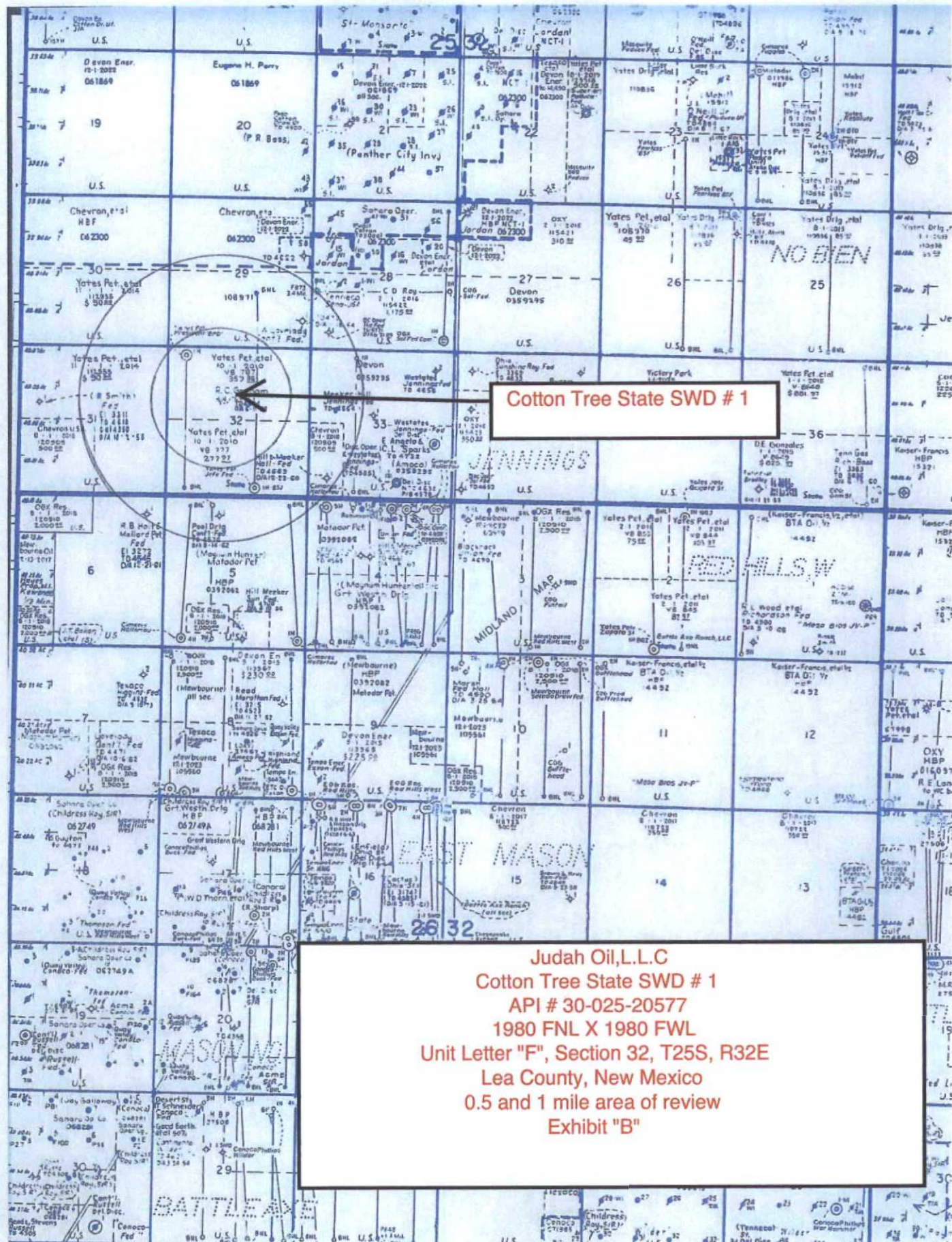


EXHIBIT "A"

Replaced with new
Construction Diagram
Dated 06/18/2015 *[Signature]*



Judah Oil, L.L.C.
Cotton Tree State SWD # 1
API # 30-025-20577
0.5 Mile AOR

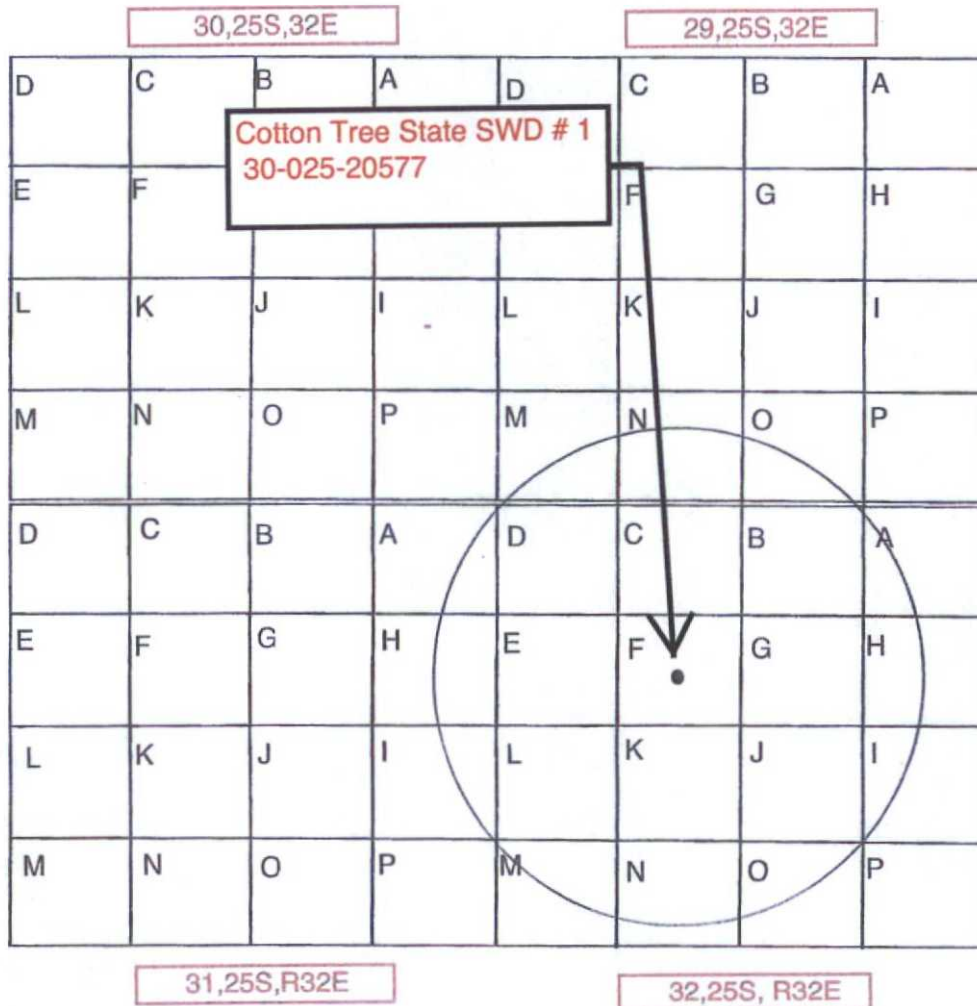


Exhibit "C"

JUDAH OIL, LLC
Cotton Tree State SWD # 1
API # 30-025-20577
Offset wells in 0.5 AOR

Section 32, T25S, R32E

Unit Letter	API #	Well Name & #	TD	WBD
A	None			
B	None			
C	None			
D	3002539660	Presidente BPD State Com # 1H	13132	Y
E	None			
F	3002520577	Cotton Tree State SWD #1	6800	Y
G	None			
H	None			
I	None			
J	None			
K	None			
L	None			
M	None			
N	None			
O	3002540722	Jefe BSJ Federal Com # 1H	17319	Y

Section 31, T25S, R32E

A	None
H	None
I	None

Section 29, T25S, R32E

M	None
N	None
O	None

2 wells identified that penetrate the proposed disposal zone



Exhibit "C"

Yates Petroleum Corp

Surface Location - Unit Letter "D", Section 32, T25S, R32E

Lea County, New Mexico

330 FNL X 660 FWL

Presidente BPD State Com #1H

API # 30-025-39660

Exhibit "C"

13 3/8" CSA 1140' in 17 1/2" Hole
Cement w/ 950 sks Cmt
Cement circulated to Surface

9 5/8" CSA 4450' in 12 1/4" Hole
Cement w/ 1425 sks Cmt
Cement circulated to Surface

5 1/2" TOC unknown

CBL submitted 2/21/2011
TOC 4868' [Poor quality]

DV Tool at 8198'

Stage 1 - 830 sks
Stage 2 - 930 sks

5 1/2" CSA 13132 Cmt in 2 Stages
DV Tool at 8198'

BHL
4944 FNL X 676 FWL
Section 32, T25S, R32E

Bone Springs perforations
Jennings: Upper bone spring shale

TD
13132'

BEP

Drawing not to scale

www.pwllc.net

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-6720

District II
1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1263 Fax:(505) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87503
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
Permit 108693

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39660	2. Pool Code	3. Pool Name WILDCAT BONE SPRING
4. Property Code 38016	5. Property Name PRESIDENTE BPD STATE COM	6. Well No. 001H
7. OGRID No. 25575	8. Operator Name YATES PETROLEUM CORPORATION	9. Elevation 3335

10. Surface Location

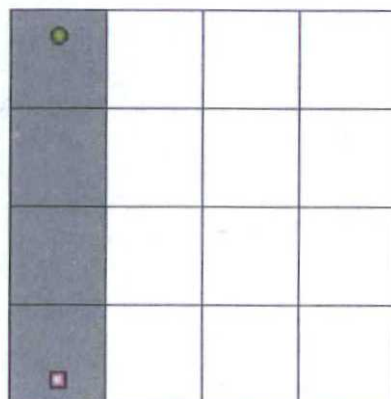
UL - Lot D	Section 32	Township 25S	Range 32E	Lot Idn	Feet From 330	N/S Line N	Feet From 660	E/W Line W	County LEA
---------------	---------------	-----------------	--------------	---------	------------------	---------------	------------------	---------------	---------------

11. Bottom Hole Location If Different From Surface

UL - Lot M	Section 32	Township 25S	Range 32E	Lot Idn M	Feet From 330	N/S Line S	Feet From 660	E/W Line W	County LEA
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12. Dedicated Acres 160.00	13. Joint or Infill	14. Consolidation Code	15. Order No.
-------------------------------	---------------------	------------------------	---------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



Horizontal lateral runs underneath AOR
Exhibit "C"

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Monti Sanders

Title:

Date: 1/29/2010

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: Gary Jones

Date of Survey: 1/14/2010

Certificate Number: 7977

Yates Petroleum Corp

Surface Location - Unit Letter "O", Section 32, T25S, R32E

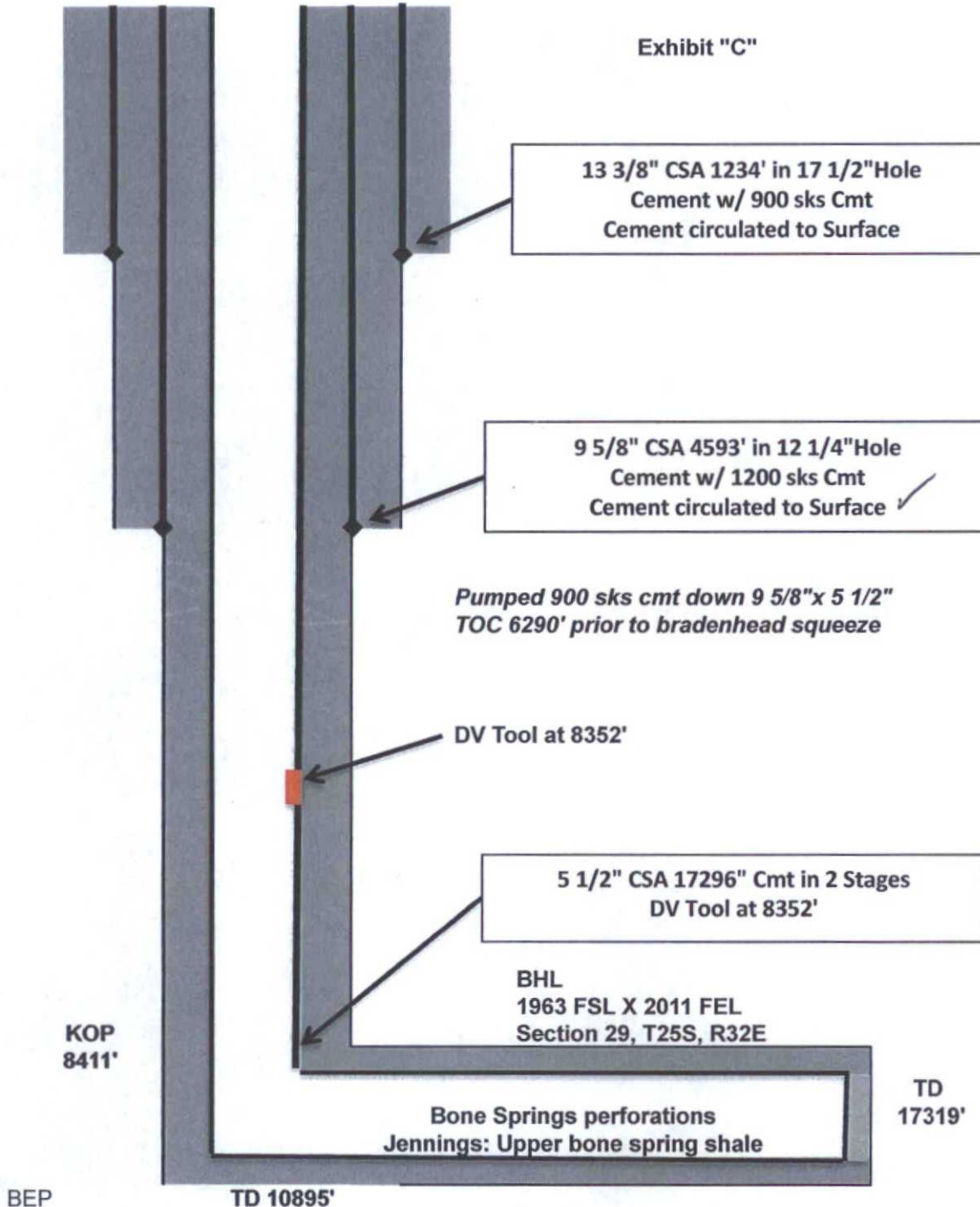
Lea County, New Mexico

330 FSL X 1980 FEL

Jefe BSJ Federal Com #1H

API # 30-025-40722

Exhibit "C"



Drawing not to scale

www.pwllc.net

DISTRICT I.

11825 N. FRANCHIS DR., BOBBS, NM 87505

DISTRICT II

1301 W. GRAND AVENUE, ANTERIA, NM 87505

DISTRICT III

1000 RIO BRAZOS RD., AZTEC, NM 87505

DISTRICT IV

11825 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

11885 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505Form C-102
Revised October 12, 2010
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-40722	Pool Code 97875	Pool Name WC-025 G-04 92632081, AS UPPER SHALE Bone-Spring/Wildcat
Property Code 39389	Property Name JEFE BSJ FEDERAL COM	Well Number 1H
OCRID No. 25575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3297'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	32	25-S	32-E		330	SOUTH	1980	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	29	25-S	32-E		2310	SOUTH	1980	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
240			

Exhibit "C"

Horizontal Lateral runs underneath the 0.5 mile AOR

NO ALLOWABLE WILL BE ASSIGNED TO THIS COM
OR A NON-STANDARD UNIT H

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Travis Hahn 4/20/12
Signature Date

Travis Hahn
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

NEW MEXICO
FEBRUARY 18, 2012
Date Surveyed
Signature & Seal of
Professional Surveyor
Chad Hannon
12-07

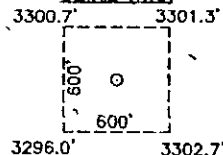
Certificate No. CHAD HANNON 17777

LA 008-2012

PROPOSED BOTTOM
HOLE LOCATION

LAT.=32° 06' 01.681" N
LONG.=103° 41' 42.110" W
NMSPCE- Y=400871.6 N
X=738989.5 E
(NAD 83)

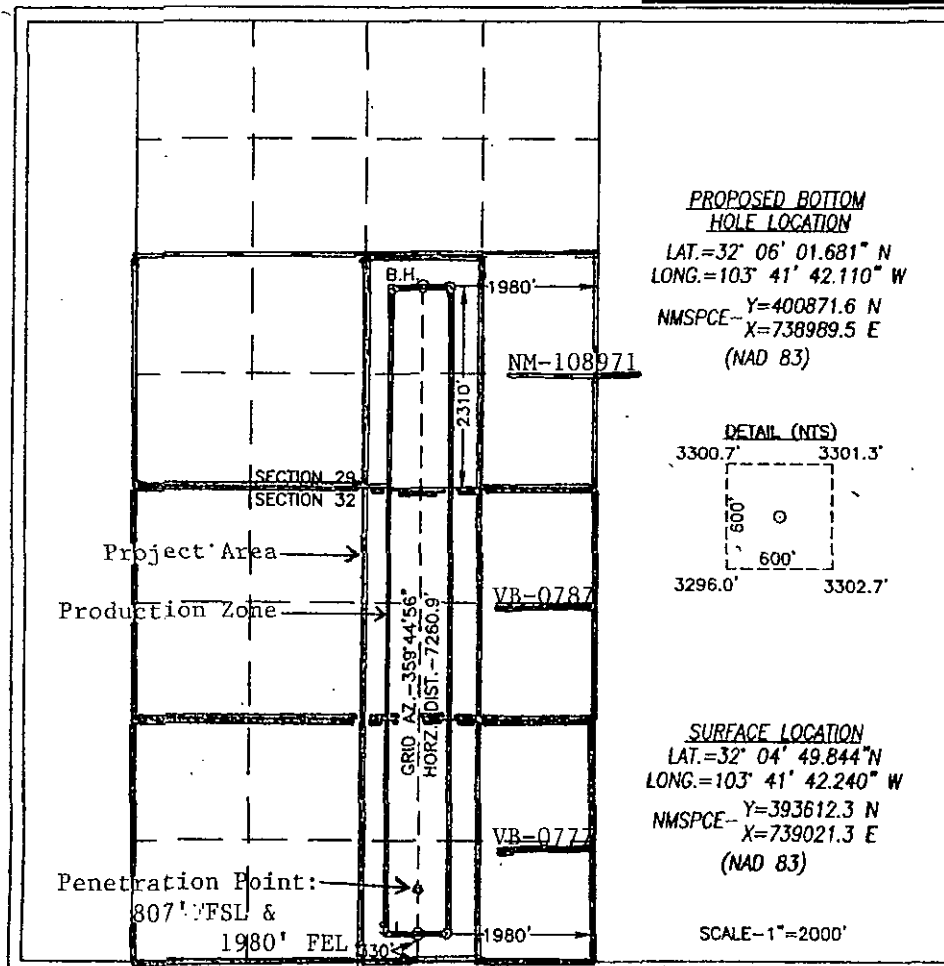
DETAIL (NTS)



SURFACE LOCATION

LAT.=32° 04' 49.844" N
LONG.=103° 41' 42.240" W
NMSPCE- Y=393612.3 N
X=739021.3 E
(NAD 83)

SCALE-1"=2000'



AUG 16 2012

Judah Oil, L.L.C.
Cotton Tree State SWD # 1
API # 30-025-20577
1980 FNL x 1980 FWL
Unit Letter "F", Section 32, T25S, R32E
Lea County, New Mexico

Produced Water
Data obtained from Go-Tech

API	Formation	TDS	Chorides
30-015-20179	Delaware	19205	8484

Possibe Disposed Fluid

30-015-10329	Artesia	43392	20700
30-015-20179	Delaware	19205	8484
30-015-10775	Strawn	122896	75260
30-015-27939	Del/WC	189739	116724
30-015-22002	Morrow	Unk	81792

No Data available for Bell-Cherry Canyon produced water Delaware only

Exhibit "D"



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New Mexico Office of the State Engineer **Water Column/Average Depth to Water**

No records found.

PLSS Search:

Section(s): 28, 29, 30, 31,
32, 33 **Township:** 25S **Range:** 32E

EXHIBIT"E"

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer **Water Column/Average Depth to Water**

No records found.

PLSS Search:

Section(s): 4, 5, 6

Township: 26S

Range: 32E

EXHIBIT"E"

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Legal Notice

Judah Oil, L.L.C., PO Box 568, Artesia, NM 88211 has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to convert the Cotton Tree State SWD # 1, API # 30-025-20577, 1980 FNL x 1980 FWL, Unit Letter "F", Section 32, T25S, R32E, Lea County, New Mexico from a plugged and abandoned well to commercial salt water disposal well. The disposal interval would be the Bell-Cherry Canyon formation through open hole from 4900 feet to 6800 feet. Disposal fluid would be produced water from numerous producing oil and gas wells in the area.

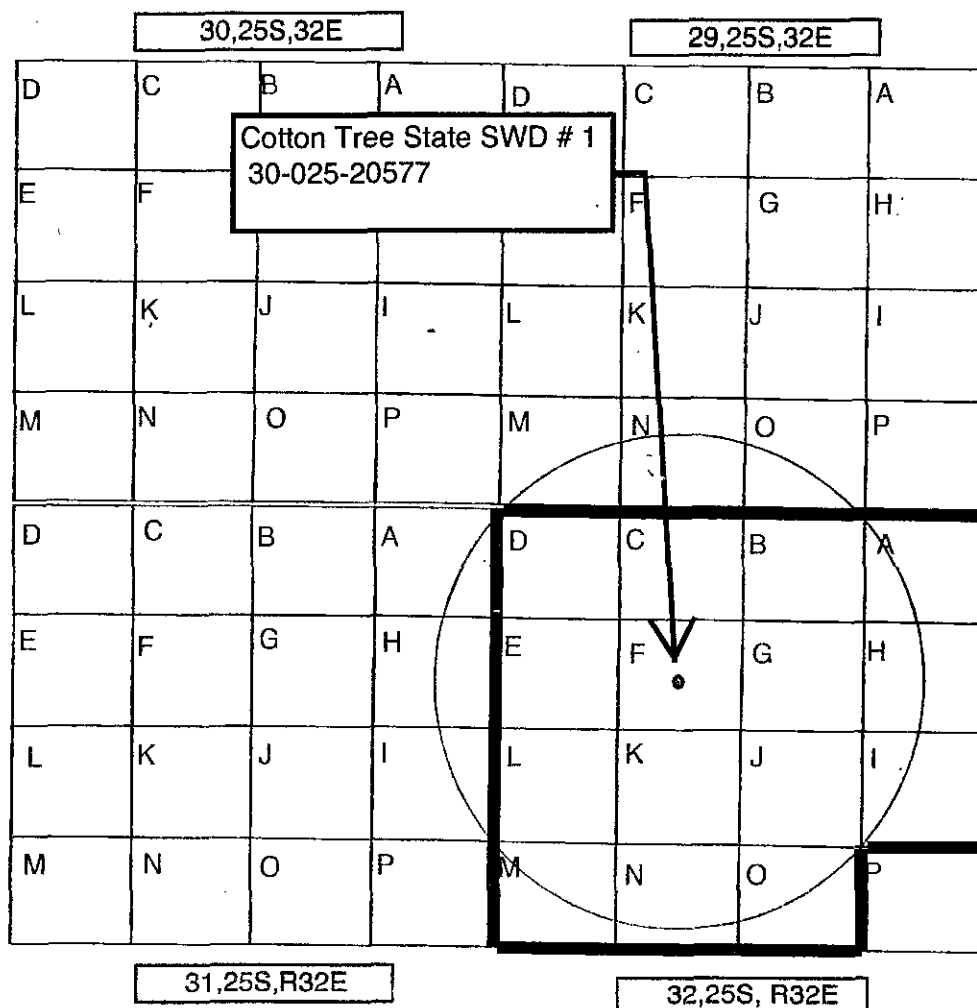
Anticipated disposal rate of 18000 BWPD with a maximum disposal rate of 20000 BWPD. Anticipated disposal pressure 0 (Zero) psi with a maximum disposal pressure of 980 psi.

Well is approximately 29 miles West of Jal, New Mexico.

All interested parties opposing the aforementioned must file objections with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505 within 15 days. Additional information can be obtained by contacting Blaise Campanella 575-748-5488.

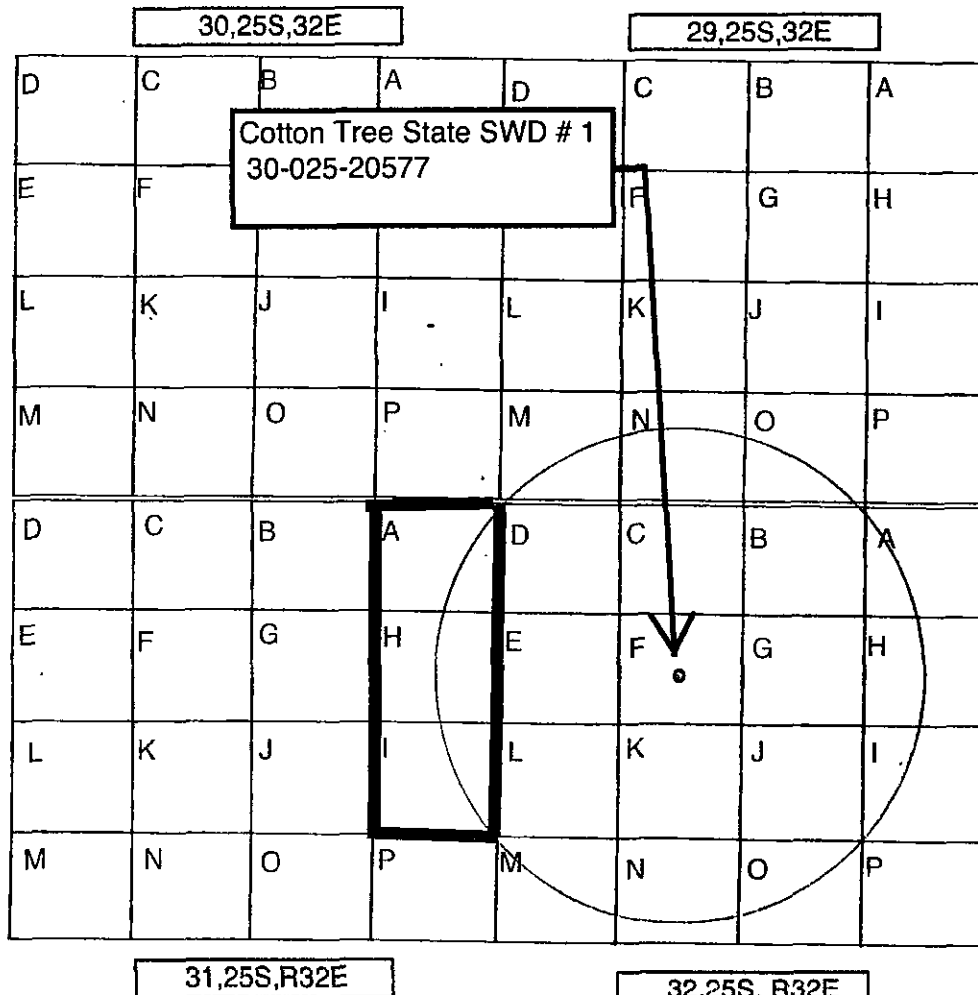
Exhibit "F"

Judah Oil, L.L.C.
Cotton Tree State SWD # 1
API # 30-025-20577
0.5 Mile AOR



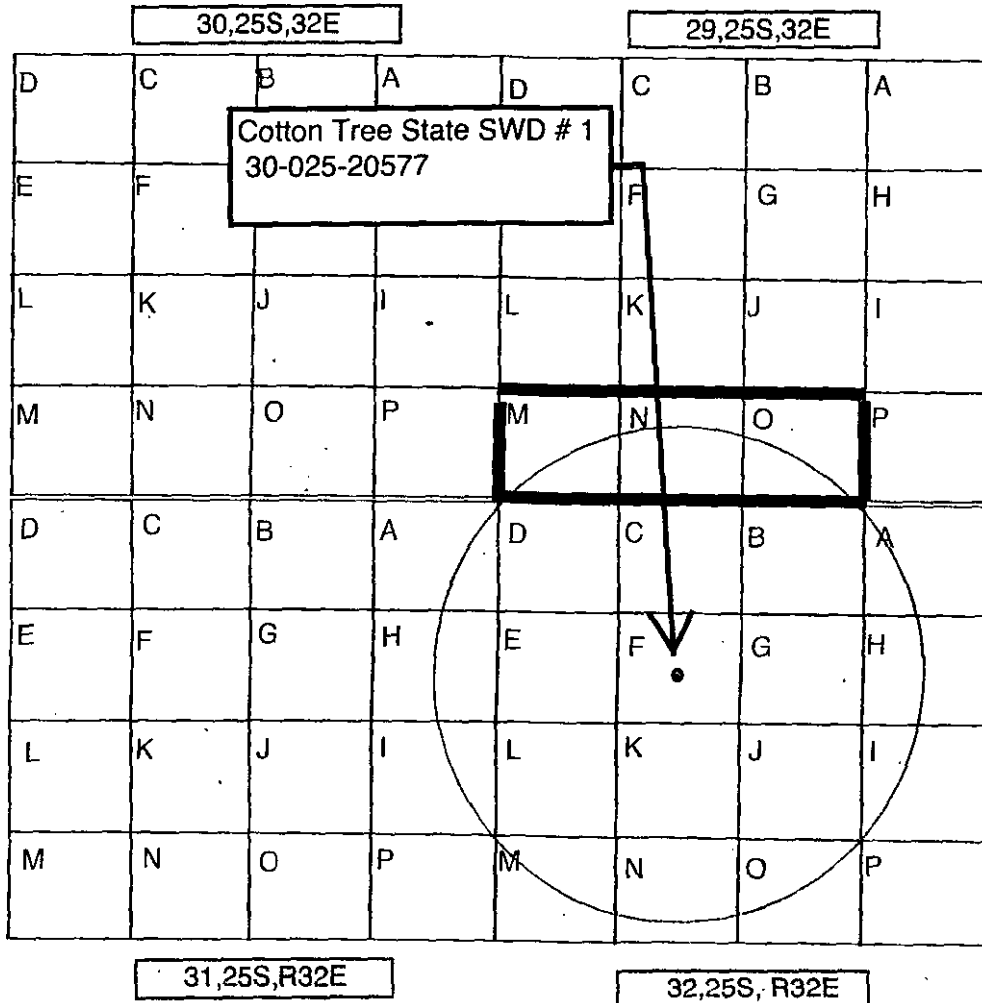
Mineral and Surface Owner
State of New Mexico - NM State Land Office
PO Box 1148 Santa Fe, NM 87504 - 1148
Surface Lessee
Jesse T. Baker
731 Country Club Road Silver City, NM 88061
Lease Holders
Yates Petroleum Corporation
105 S Fourth Street Artesia, NM 88211
ConocoPhillips
3401 E. 30TH STREET FARMINGTON, NM 87402
Exhibit "F"

Judah Oil, L.L.C.
Cotton Tree State SWD # 1
API # 30-025-20577
0.5 Mile AOR



Mineral Owner
United States of America
Bureau of Land Management
602 East Green Street Carlsbad, NM 88220
Lease Holder
Yates Petroleum Corporation
105 South Fourth Street Artesia, NM 88211
Exhibit "F"

Judah Oil, L.L.C.
Cotton Tree State SWD # 1
API # 30-025-20577
0.5 Mile AOR



Mineral Owner:
United States of America
Bureau of Land Management
602 East Green Street Carlsbad, NM 88220
Lease Holder
Yates Petroleum Corporation
105 South Fourth Street Artesia, NM 88210
Exhibit "F"

U.S. Postal ServiceTM
CERTIFIED MAILTM RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

SILVER CITY NM 88061

OFFICIAL USE

Postage	\$ 1.82	0634
Certified Fee	\$3.30	03
Return Receipt Fee (Endorsement Required)	\$2.70	FEB - 2 Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage	\$7.82	02/02/2015 76234

Sent To: Jesse T. Baker
 731 Country Club Road
 Silver City, NM 88061

PS Form 3800, August 2006

U.S. Postal ServiceTM
CERTIFIED MAILTM RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

SANTA FE NM 87504

OFFICIAL USE

Postage	\$ 1.82	0634
Certified Fee	\$3.30	03
Return Receipt Fee (Endorsement Required)	\$2.70	FEB - 2 Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage	\$7.82	02/02/2015

Sent To: NM State Land Office
 PO Box 1148
 Santa Fe, NM 87504 - 1148

PS Form 3800

U.S. Postal ServiceTM
CERTIFIED MAILTM RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

FARMINGTON NM 87402

OFFICIAL USE

Postage	\$ 1.82	0634
Certified Fee	\$3.30	03
Return Receipt Fee (Endorsement Required)	\$2.70	FEB - 2 Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage	\$7.82	02/02/2015

Sent To: ConocoPhillips
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PS Form 3800, August 2006

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HOBBS NM 88240

OFFICIAL USE

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Certified Fee	\$3.30	03
Return Receipt Fee (Endorsement Required)	\$2.70	FEB - 2 Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage	\$7.82	02/02/2015 76234

Sent To: NMOCD District 1
 1625 N French Drive
 Hobbs, NM 88240

PS Form 3800, August 2006

EXHIBIT "F"



Pueblo West Resources
125 Greathouse Village
Decatur, Texas 76234
432-934-7680

February 3, 2015

Per the rules and regulations of the New Mexico Oil Conservation Division please find enclosed a copy of NMOCD form C108

Judah Oil, L.L.C., PO Box 568, Artesia, NM 88211 has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to convert the Cotton Tree State SWD # 1, API # 30-025-20577, 1980 FNL x 1980 FWL, Unit Letter "F", Section 32, T25S, R32E, Lea County, New Mexico from a plugged and abandoned well to commercial salt water disposal well. The disposal interval would be the Bell-Cherry Canyon formation through open hole from 4900 feet to 6800 feet. Disposal fluid would be produced water from numerous producing oil and gas wells in the area.

Anticipated disposal rate of 18000 BWPD with a maximum disposal rate of 20000 BWPD. Anticipated disposal pressure 0 (Zero) psi with a maximum disposal pressure of 980 psi.

Well is approximately 29 miles West of Jal, New Mexico.

All interested parties opposing the aforementioned must file objections with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505 within 15 days. Additional information can be obtained by contacting Blaise Campanella 575-748-5488

Sincerely


Billy(Bill) E. Prichard
email; billy@pwllc.net
www.pwllc.net

Affidavit of Publication


STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

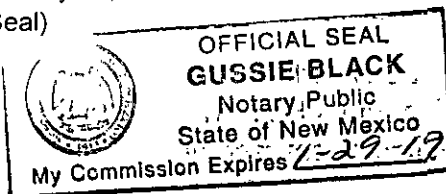
Beginning with the issue dated
February 03, 2015
and ending with the issue dated
February 03, 2015.


Publisher

Sworn and subscribed to before me this
3rd day of February 2015.


Business Manager

My commission expires
January 29, 2019
(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGALS

Legal Notice February 3, 2015

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BILLY E. PRICHARD
PUEBLO WEST LLC
125 GREENHOUSE VILLAGE
DECATUR, TX 76234

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EXHIBIT "F"



Pueblo West Resources
125 Greathouse Village
Decatur, Texas 76234
432-934-7680

February 9, 2015

RECEIVED OGD
2015 FEB 12 P 2:50

Please find enclosed original Affidavit of Publication for the below C108

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Sincerely

A handwritten signature in cursive script that reads "Billy E. Prichard".

Billy(Bill) E. Prichard
email; billy@pwllc.net
www.pwllc.net

**C-108 Review Checklist:**Received 02/03/15 Add. Request: * Reply Date: _____ Suspended: _____ [Ver 16]ORDER TYPE: WFX / PMX (SWD) Number: 1583 Order Date: 09/25/15 Legacy Permits/Orders: In Paduca / Mesquite Delaware Disposal - protested SWDs due to DelawareWell No. 1 Well Name(s): Cotton Tree StateAPI: 30-0 25-20577 Spud Date: 06/03/1963 New or Old: Old (UIC Class II Primacy 03/07/1982)Footages 1980 FUL / 1980 FUL Lot — or Unit F Sec 32 Tsp 25S Rge 32E County LeaGeneral Location: Paduca Field / ~30 W of Jal Pool: SWD; Bell/Cherry Canyons Pool No.: 96802BLM 100K Map: Jal Operator: Judah Oil, LLC OGRID: 245872 Contact: B. Pritchard / Judah reps.COMPLIANCE RULE 5.9: Total Wells: 32 Inactive: 1 Fincl Assur: Yes Compl. Order? No IS 5.9 OK? Yes Date: 09/25/15WELL FILE REVIEWED ☒ Current Status: Wildcat test - Upper DMG/Ramsay - Bell Canyon; P&A 1963WELL DIAGRAMS: NEW: Proposed ☐ or RE-ENTER: Before Conv. ☒ After Conv. ☒ Logs in Imaging (CBL) - No logs on filePlanned Rehab Work to Well: Original open-hole denied/redesign with casing to TD - cont of perf.

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Cement Sx or Cf	Cement Top and Determination Method
Planned <input type="checkbox"/> or Existing <input checked="" type="checkbox"/> Surface	<u>10 1/4 / 7 7/8</u>	<u>0 to 366'</u>	<u>255</u>	<u>Cir. to surface</u>
Planned <input type="checkbox"/> or Existing <input checked="" type="checkbox"/> Interm/Prod	<u>5 1/2</u>	<u>0 to 6900'</u>	<u>2000</u>	<u>Cir. to surface of</u>
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Interm/Prod	<u>—</u>	<u>—</u>	<u>—</u>	<u>(CBL) -</u>
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Prod/Liner	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Liner	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Planned <input checked="" type="checkbox"/> or Existing <input type="checkbox"/> OH (PERF)	<u>5 1/2</u>	<u>5100' to 6800'</u>	<u>Inj Length 1900'</u>	<u>—</u>

Injection Lithostratigraphic Units:	Depths (ft)	Injection or Confining Units	Tops
Adjacent Unit: Litho. Struc. Por.	<u>—</u>	<u>Salt/Salado</u>	<u>—</u>
Confining Unit: Litho. Struc. Por.	<u>—</u>	<u>Base of Salt</u>	<u>4270</u>
Proposed Inj Interval TOP:	<u>5100 - 6800</u>	<u>Cherry Canyon</u>	<u>4515</u>
Proposed Inj Interval BOTTOM:	<u>—</u>	<u>Brushy Canyon</u>	<u>—</u>
Confining Unit: Litho. Struc. Por.	<u>100' to 6900'</u>	<u>Arden / S shale</u>	<u>6900'</u>
Adjacent Unit: Litho. Struc. Por.	<u>—</u>	<u>Bone Spring</u>	<u>—</u>

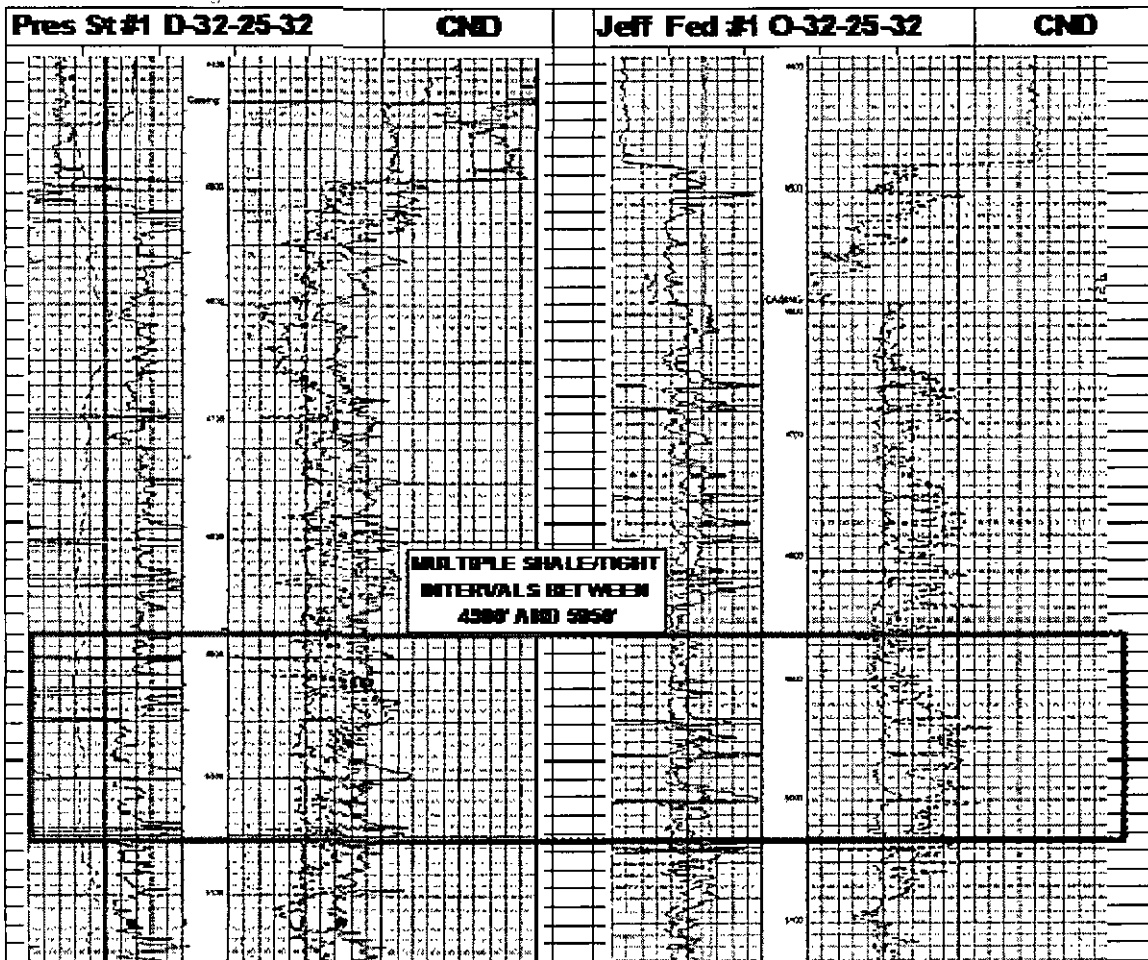
Completion/Operation Details:Drilled TD 4624 PBTD PA to surface
NEW TD 6900 NEW PBTD 6900
NEW Open Hole ☐ or NEW Perfs ☒
Tubing Size 3 1/2 in. Inter Coated? Yes
Proposed Packer Depth NA ft
Min. Packer Depth 5000 (100-ft limit)
Proposed Max. Surface Press. NA psi
Admin. Inj. Press. 1020 (0.2 psi per ft)**AOR: Hydrologic and Geologic Information**POTASH: R-111-P NA Noticed? NA BLM Sec Ord NA WIPP NA Noticed? NA Salt/Salado T: — B: — NW: Cliff House fm NAFRESH WATER: Aquifer Carlsbad alluvial / Roubidoux Max Depth < 900' HYDRO AFFIRM STATEMENT By Qualified Person ☒NMOSE Basin: Carlsbad CAPITAN REEF: thru adj NA No. GW Wells in 1-Mile Radius? 0 FW Analysis? NoDisposal Fluid: Formation Source(s) Bone Spring / Delaware / WC Analysis? Yes On Lease ☐ Operator Only ☐ or Commercial ☒Disposal Interval: Inject Rate (Avg/Max BWPD): 15000/20000 Protectable Waters? No Source: Historical System: Closed ☐ or Open ☒HC Potential: Producing Interval? No Formerly Producing? No - Ramsay/Bell Method: Logs/DST/P&A/Other Historical Mile Radius Pool Map ☒AOR Wells: 1/2-M Radius Map? Yes Well List? Yes Total No. Wells Penetrating Interval: 2 Horizontals? 2Penetrating Wells: No. Active Wells 2 Num Repairs? 0 on which well(s)? Cotton Mesquite Paduca Diagrams? YesPenetrating Wells: No. P&A Wells 0 Num Repairs? 0 on which well(s)? Commercial wells to North Diagrams? NANOTICE: Newspaper Date 02/03/15 Mineral Owner SLO Surface Owner SLO N. Date 02/02/15RULE 26.7(A): Identified Tracts? Yes Affected Persons: BLM / Yates / J. Baker / Conrad Phillips N. Date 02/02/15Order Conditions: Issues: HC potential (Ramsay tested - Chng) (CBL of new); Old surface casingAdd Order Cond: Injection survey; CBL on new 5 1/2 casing; (2 years)

Goetze, Phillip, EMNRD

From: Vanwelch2@aol.com
Sent: Thursday, June 18, 2015 12:10 PM
To: Goetze, Phillip, EMNRD
Cc: jbc@JUDAH OIL.com; Jones, William V, EMNRD; McMillan, Michael, EMNRD
Subject: Re: Cotton Tree State #1
Attachments: Lone Tree St SWD 1 Wellbore Schematic rev 18jun15.pdf

Phillip,

Blaise (Campanella) forwarded your email to me and below is the response to your request. I'm a reservoir engineer and partner with Judah Oil. We fully understand the State's concerns relative to Delaware injection. I have further reviewed the two Yates wells (Presidente BPD St Com #1H UL D and Jeff BSJ Fed Com #1H UL O) in Sect 32 T25S-R32E. As shown in the two logs below, I believe the multiple shale/tight streaks from 4900' to 5050' should contain any injection to the Lower Delaware (the tight streaks are also supported by the resistivity logs).



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I hope this satisfies your request and if you need anything further please contact Blaise or myself.

Van S. Welch II, PE
Partner Judah Oil
281.635.1718

In a message dated 6/17/15 4:11:53 P.M. Central Daylight Time, jbc@JUDAH OIL.com writes:

Thanks for the info Phillip, I will look into your request and resubmit my app.

Have a great day,

James B Campanella

Member/Manager

Judah Oil, LLC

575-748-4730 Office

575-748-4731 Fax

575-748-5488 Cell

P.O. Box 870

1805 W Jacobs Ave

Artesia, NM 88211-0870

----- Original Message -----

Subject: RE: Cotton Tree State #1

From: "Goetze, Phillip, EMNRD" <Phillip.Goetze@state.nm.us>

Date: Wed, June 17, 2015 11:27 am

To: "jbc@JUDAH OIL.com" <jbc@JUDAH OIL.com>

Cc: "Jones, William V, EMNRD" <WilliamV.Jones@state.nm.us>, "McMillan, Michael, EMNRD" <Michael.McMillan@state.nm.us>

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Phillip R. Goetze, P.G.

Engineering and Geological Services Bureau, Oil Conservation Division

1220 South St. Francis Drive, Santa Fe, NM 87505

O: 505.476.3466 F: 505.476.3462

phillip.goetze@state.nm.us

From: jbc@JUDAHOIL.com [<mailto:jbc@JUDAHOIL.com>]

Sent: Thursday, May 28, 2015 1:55 PM

To: Goetze, Phillip, EMNRD

Subject: Cotton Tree State #1

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Member/Manager

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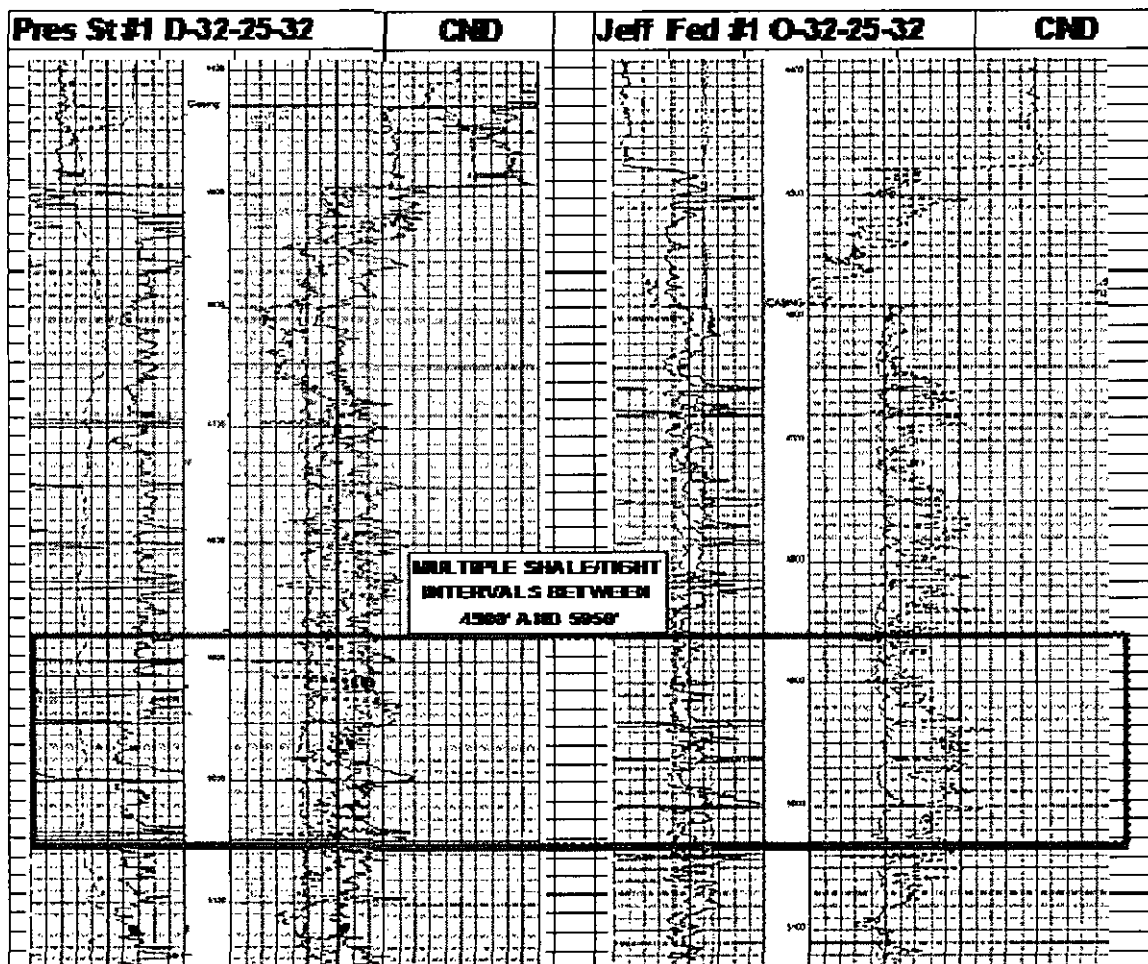
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Cc: jbc@JUDAHOil.com; Jones, William V, EMNRD; McMillan, Michael, EMNRD
Subject: Re: Cotton Tree State #1
Attachments: Cotton Tree St SWD 1 Wellbore Schematic rev 22jun15.pdf

Apologies again, I had an incorrect well name on the schematic.
cheers
van

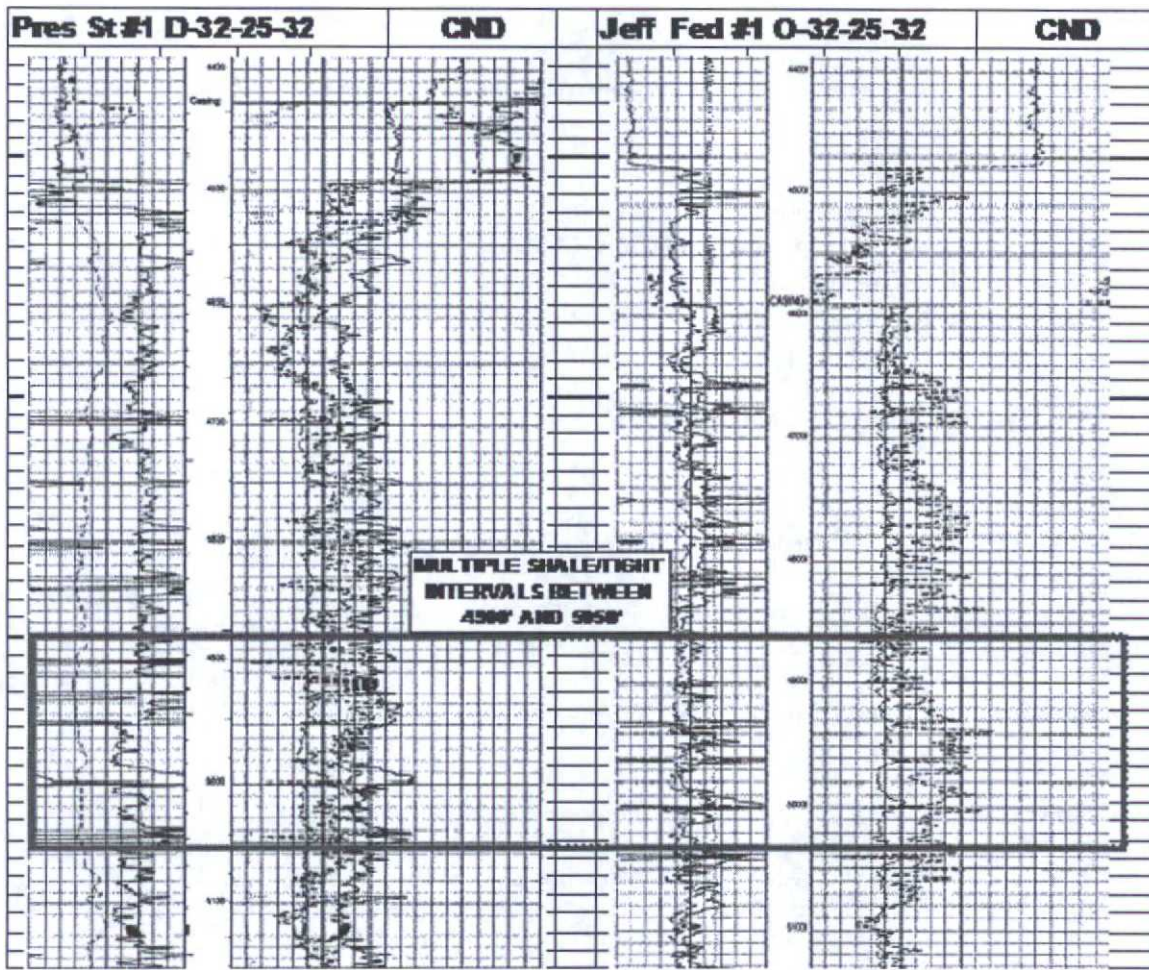
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Cc: "Jones, William V, EMNRD" <WilliamV.Jones@state.nm.us>, "McMillan, Michael, EMNRD" <Michael.McMillan@state.nm.us>

Mr. Campanella:

Mr. Ezeanyim forward your inquiry to me. I started on this response a week ago in response to your e-mail, but was detoured by requests from higher authority and the June 11th hearing.

I've taken a look at the application. First, the application is for disposal in the Delaware Mountain group (DMG) - an interval which has been a recent focus of hearings and suspension of injection authority. The assessment of potential resources vs. disposal will require a little more effort. Second, OCD will not administratively approve open-hole completion in the DMG for commercial or operator/lease disposal since Mesquite open-hole well's demonstrated no vertical control and injection out of interval. So, I am requesting a new well construction with cemented casing to total depth will be substituted in the application.

Second, there is the issue of one of the AOR wells - the Presidente BPD State Com #1 H. The application states that the top of cement for the 5 1/2 inch casing is unknown, but Yates submitted a CBL (Feb 21, 2011) that shows TOC at 4868 ft (poor) to 4884 ft (good). So the 5 1/2 inch casing does not tie in with the intermediate 9 5/8 set at 4450 ft. To compensate, OCD will be asking for a decrease in the top of the proposed injection interval as determined using the existing logs in the area - the next lithology that represents a "confining zone".

Finally, the proposed location is within one mile of the Jennings; Delaware pool. This appears not to be an issue since production is from the top of the Bell Canyon formation, roughly 4560 ft to 4594 ft and there are no Brushy Canyon completions in proximity. However, any order issued for this proposed well will include a stipulation for a mudlog/e-log suite over the new portion of the injection interval.

At this, the only additional information required would be the new completion diagram and a new pick for the top of the injection interval. Please contact me with any questions on this matter. PRG

Phillip R. Goetze, P.G.

Engineering and Geological Services Bureau, Oil Conservation Division

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phillip.goetze@state.nm.us

From: jbc@JUDAHOil.com [<mailto:jbc@JUDAHOil.com>]

Sent: Thursday, May 28, 2015 1:55 PM

To: Goetze, Phillip, EMNRD

Subject: Cotton Tree State #1

Good afternoon Philip,

I am checking on the status of my Cotton Tree State #1 (API #30-025-20577) C-108 app. I know you are very busy but just wanted to check in on it. If you get a chance, could you give me an update.

Thanks a bunch,

James B Campanella

Member/Manager

Judah Oil, LLC

575-748-4730 Office

575-748-4731 Fax

575-748-5488 Cell

P.O. Box 870

1805 W Jacobs Ave

Artesia, NM 88211-0870

Presidente BPD State Com #1H
30-025-39660

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CBL
2/21/2011

4850

60

70

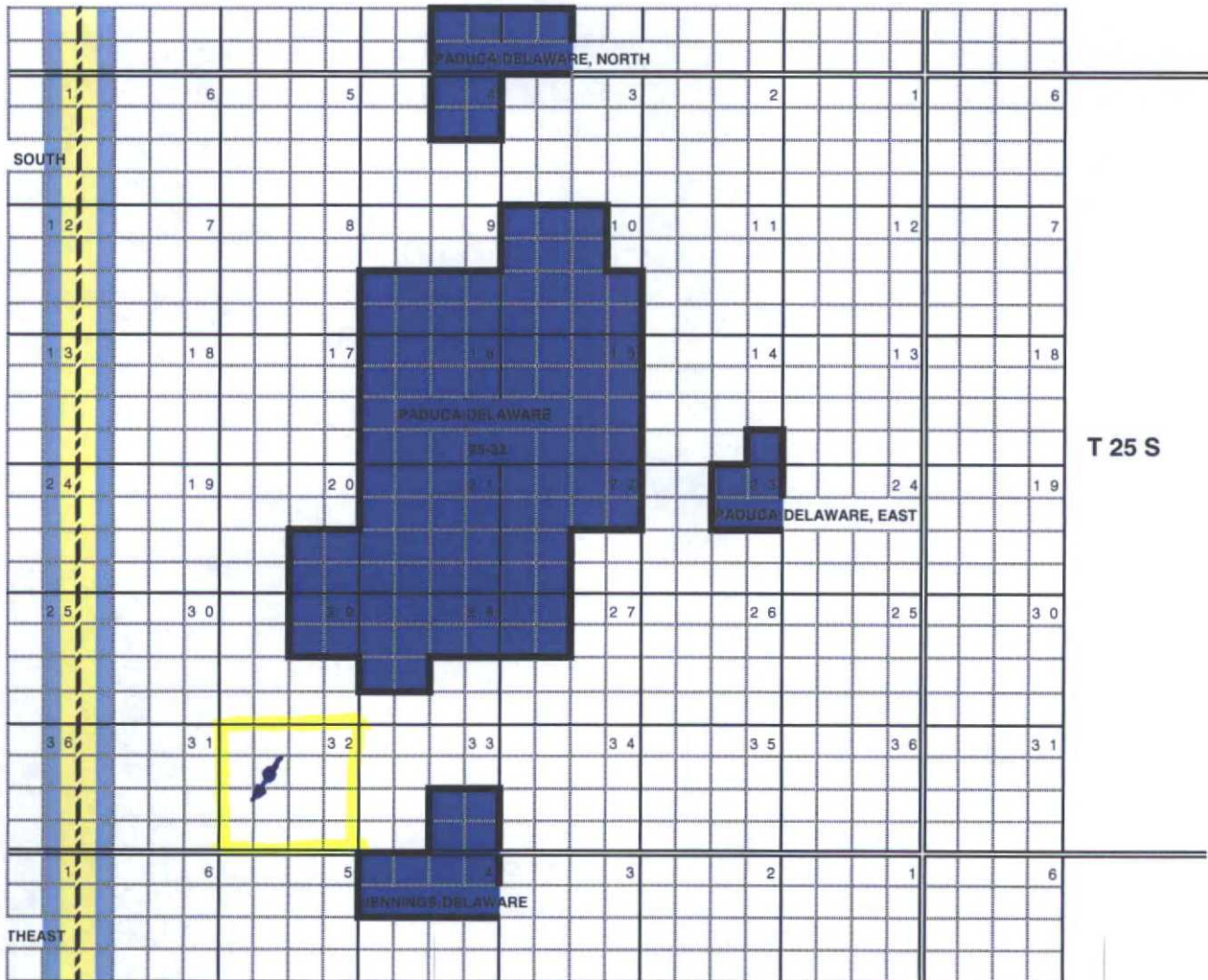
80

90

4900

4950

Cotton Tree State SWD No. 1
Delaware Pools





New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

POD Number
C 03829 POD1

Q64 Q16 Q4 Sec Tws Rng
3 3 1 06 26S 32E

X Y
620628 3549186

Driller License: 1607

Driller Name: DURAN, LUIS (TONY)

Drill Start Date: 02/11/2015

Drill Finish Date: 02/15/2015

Plug Date:

Log File Date: 02/23/2015

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 58 GPM

Casing Size: 7.00

Depth Well: 646 feet

Depth Water: 350 feet

Water Bearing Stratifications:

Top Bottom Description

330	337	Sandstone/Gravel/Conglomerate
390	470	Sandstone/Gravel/Conglomerate
580	610	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top Bottom

341	645
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