

# Initial Application

Received 1/23/2022

*This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete*

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Geological & 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

**Applicant:** Ray Westall Operating, Inc. **OGRID Number:** 119305  
**Well Name:** Benson 34 Federal SWD No.1 **API:** 30-015-25771  
**Pool:** SWD; Grayburg-San Andres **Pool Code:** 96110

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW**

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]  
 A. Location – Spacing Unit – Simultaneous Dedication  
☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD  
 B. Check one only for [I] or [II]  
 [I] Commingling – Storage – Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM  
 [II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery  
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.  
 A. ☒ Offset operators or lease holders  
 B. ☐ Royalty, overriding royalty owners, revenue owners  
 C. ☒ Application requires published notice  
 D. ☒ Notification and/or concurrent approval by SLO  
 E. ☒ Notification and/or concurrent approval by BLM  
 F. ☒ Surface owner  
 G. ☒ For all of the above, proof of notification or publication is attached, and/or,  
 H. ☐ No notice required

**FOR OCD ONLY**

- ☐ Notice Complete  
☐ Application Content Complete

- 3) **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.**

Ben Stone

Print or Type Name

Signature

1/22/2022

Date

903-488-9850

Phone Number

ben@sosconsulting.us

e-mail Address



January 22, 2022

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

Attn: Ms. Adrienne Sandoval, Director

Re: Application of Ray Westall Operating, Inc. to permit for salt water disposal the Benson 34 Federal Well No.1, API No.30-015-25771 located in Section 34, Township 18 South, Range 30 East, NMPM, Eddy County, New Mexico.

Dear Ms. Sandoval,

Please find enclosed form C-108 Application for Authority to Inject, supporting the above-referenced request to reenter and convert for disposal, the Benson 34 Federal Well No.1. The well has not produced oil since 2017 and the gas is also depleted. RWO, Inc. acquired the well in 2019.

Ray Westall Operating seeks to optimize efficiency, both economically and operationally, of its operations. Approval of this application is consistent with that goal as well as the NMOCD's mission of preventing waste and protection of correlative rights.

Published legal notice ran in the December 23, 2021 edition of the Artesia Daily Press and all offset operators and other interested parties have been notified individually. The legal notice affidavit is included herein. This application also includes wellbore schematics, area of review maps, leaseholder plats and other required information for a complete Form C-108. The well is located on federal and minerals and a copy of this application has been submitted to the BLM, Carlsbad Field Office, Oil and Gas Division.

I respectfully request that the approval of this salt water disposal well proceed swiftly and if you or your staff requires additional information or has any questions, please do not hesitate to call or email me.

Best regards,

A handwritten signature in blue ink, appearing to read "Ben Stone", is written over a light blue horizontal line.

Ben Stone, Partner  
SOS Consulting, LLC  
Agent for Ray Westall Operating, Inc.

Cc: Application attachment and file

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: ***Salt Water Disposal*** and the application ***qualifies*** for administrative approval.
- II. OPERATOR: ***Ray Westall Operating, Inc. (119305)***  
ADDRESS: ***P.O. Box 4, Loco Hills, NM 88255***  
  
CONTACT PARTY: ***Donnie Mathews (575) 677-2372***  
***Agent: SOS Consulting, LLC – Ben Stone (903) 488-9850***
- III. WELL DATA: ***All well data and applicable wellbore diagrams are ATTACHED hereto.***
- IV. ***This is not an expansion of an existing project.***
- V. ***A map is ATTACHED*** 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. ***A tabulation is ATTACHED*** of data on all wells of public record within the area of review which penetrate the proposed injection zone. ***(10 AOR wells penetrate the subject interval, 4 P&A.)*** The data includes a description of each well's type, construction, date drilled, location, depth, and a ***schematic of any plugged well illustrating all plugging detail.***
- VII. ***The following data is ATTACHED*** 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. ***Appropriate geologic data on the injection zone is ATTACHED*** 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. ***The well may be acidized to clean perforations and formation wall w/ 15% HCl w/ up to 500 gals/100'.***
- \*X. ***There is no applicable test data on the well however, any previous well logs have been filed with the Division and they need not be resubmitted. A cross section/ log strip/ offsetting wells; subject interval is ATTACHED.***
- \*XI. ***State Engineer's records indicate there are NO water wells within one mile the proposed salt water disposal well.***
- XII. ***An affirmative statement is ATTACHED that available geologic and engineering data has been examined and no evidence was found*** of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. ***"Proof of Notice" section on the next page of this form has been completed and ATTACHED. There are 9 offset affected parties (lessees and/or operators) state& BLM minerals within one-half mile - all have been noticed.***
- 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: ***Ben Stone*** TITLE: ***SOS Consulting, LLC agent / consultant for Ray Westall Operating, Inc.***

SIGNATURE:  DATE: ***1/22/2022***

E-MAIL ADDRESS: ***ben@sosconsulting.us***

- \* 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:



**III. WELL DATA – *The following information and data is included and ATTACHED:***

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 *pursuant to the following criteria is ATTACHED.***

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

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

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

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

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

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office  
☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-25771		<sup>2</sup> Pool Code 96110		<sup>3</sup> Pool Name SWD; Grayburg-San Andres	
<sup>4</sup> Property Code TBD		<sup>5</sup> Property Name Benson 34 Federal			<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 119305		<sup>8</sup> Operator Name Ray Westall Operating, Inc.			<sup>9</sup> Elevation 3477'

<sup>10</sup> Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	34	18S	30E		1650'	FSL	1650'	FEL	Eddy

<sup>11</sup> 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
same									
<sup>12</sup> Dedicated Acres n/a		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No. SWD pending			

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.

<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION <i>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 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.</i>  Signature <span style="float: right;">1/22/2022</span> Date Ben Stone Printed Name ben@sosconsulting.us E-mail Address			
	<sup>18</sup> SURVEYOR CERTIFICATION <i>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.</i> April 9, 1987 Date of Survey Signature and Seal of Professional Surveyor: John West 676 Certificate Number			

## **C-108 - Items III, IV, V**

### **Item III - Subject Well Data**

Wellbore Diagram – PROPOSED

### **Item IV – Tabulation of AOR Wells**

10 Wells Penetrate the Proposed Injection Interval, 4 P&A'd, Schematics Attached

### **Item V – Area of Review Maps**

1. Two Mile AOR Map with One-Mile Fresh Water Well Radius
2. One-Half Mile AOR Map

All Above Exhibits follow this page.



# WELL SCHEMATIC - PROPOSED Benson 34 Federal Well No.1 SWD

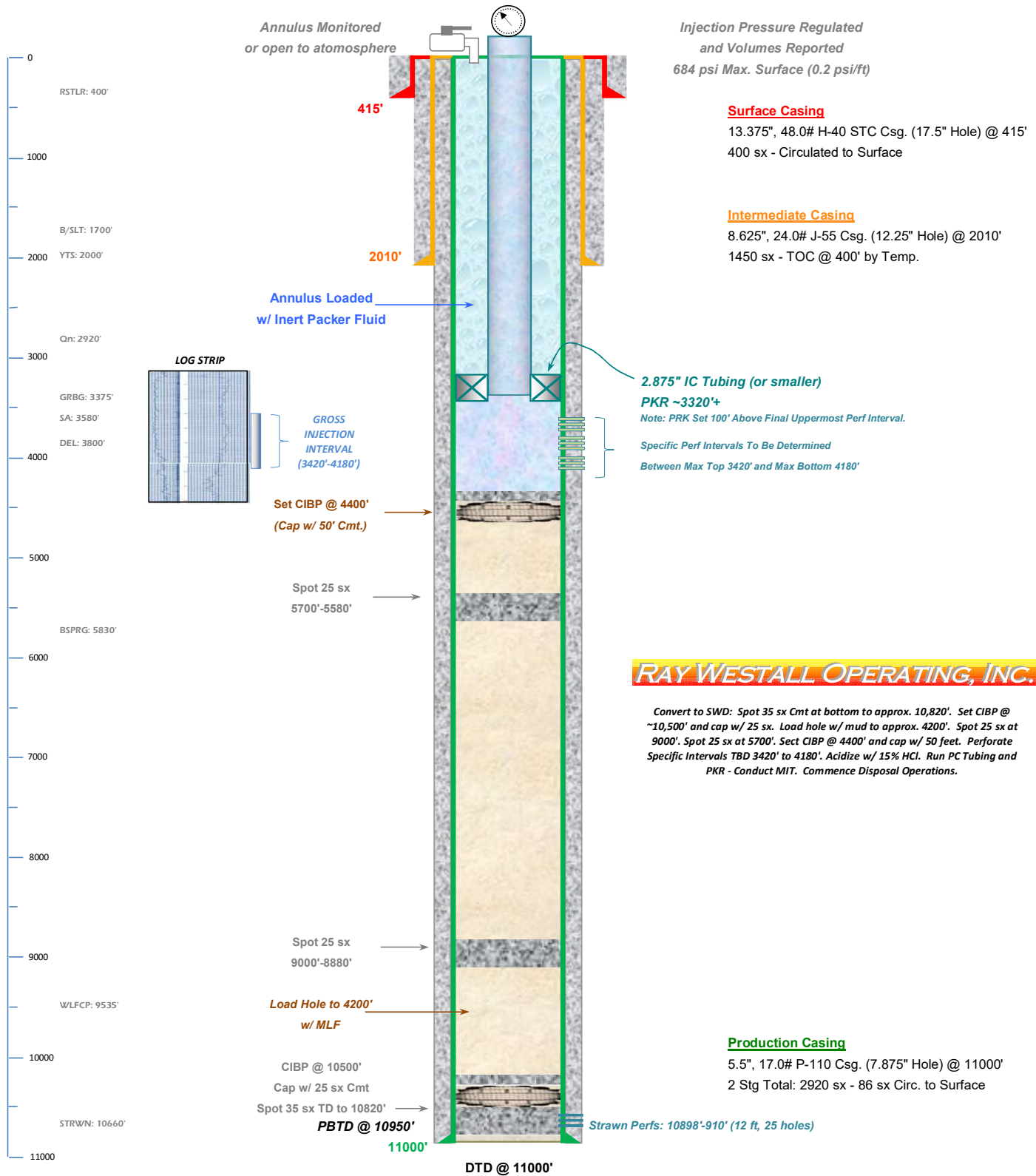
SWD; Grayburg-San Andres (96110)

API 30-015-25771

1650' FSL & 1650' FEL, SEC. 34-T18S-R30E  
EDDY COUNTY, NEW MEXICO

Spud Date: 5/11/1987

Config SWD Dt (Est): ~4/15/2



Drawn by: Ben Stone, 1/12/2022



## Form C-108 Item VI - Tabulation of AOR Wells

Top of Proposed GRBG/ SA Interval 3420'

ALL Wells Penetrate Proposed Interval.

API	Current Operator	Well Name	Well No.	Type	Lease	Status	U L S T R	TV Depth	Plugged On
<b>Subject Well</b>									
30-015-25771	[119305] RAY WESTALL OPERATING, INC.	BENSON 34 FEDERAL	#001	Gas	Federal	Active	J-34-18S-30E	11000'	
<b>Section 34 Wells</b>									
30-015-04562	[329487] BXP Operating, LLC	NORTH BENSON QUEEN UNIT	#039	Injection	Federal	Active	F-34-18S-30E	3145'	
30-015-04565	[220420] ARENA RESOURCES, INC	NORTH BENSON QUEEN UNIT	#038	Oil	Federal	P&A-R	G-34-18S-30E	3100'	10/1/2003
30-015-38984	[14744] MEWBOURNE OIL CO	DORADO 34 FEDERAL COM	#001H	Oil	Federal	Active	I-34-18S-30E	8509'	
30-015-10534	[214263] PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil	Federal	P&A-R	K-34-18S-30E	3223'	1/1/1900
30-015-26598	[119305] RAY WESTALL OPERATING, INC.	GATES FEDERAL	#006	Oil	Federal	Active	P-34-18S-30E	3458'	
<b>Section 35 Wells</b>									
30-015-26267	[119305] RAY WESTALL OPERATING, INC.	TRIGG FEDERAL	#008	Oil	Federal	Active	M-35-18S-30E	4500'	
30-015-26268	[119305] RAY WESTALL OPERATING, INC.	TRIGG FEDERAL	#009	Oil	Federal	Active	L-35-18S-30E	4529'	
<b>Section 3 Wells</b>									
30-015-26260	[147179] CHESAPEAKE OPERATING, INC.	BENSON 3 FEDERAL	#002	Oil	Federal	P&A-R	A-3-19S-30E	3300'	7/1/2009
30-015-37964	[162683] CIMAREX ENERGY CO. OF COLORADO	BENSON 3 FEDERAL COM	#008	Oil	Federal	Active	A-3-19S-30E	8574'	
30-015-25718	[162683] CIMAREX ENERGY CO. OF COLORADO	BENSON 3 FEDERAL	#001	Gas	Federal	P&A-R	B-3-19S-30E	11250'	1/31/2009

SUMMARY: 10 wells penetrate proposed disposal interval. 4 P&A. Diagrams included herein...



## **C-108 ITEM VI**

AOR Well Information

### **Plugged Well Schematics**

There are 4 P&A'd Wells Within the AOR Which  
Penetrates the Proposed Injection Zone.

*Well Diagrams follows this page...*

## OCD-ARTESIA

Form 3160-5  
(April 2004)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
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.*FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

5. Lease Serial No.

LC-058650

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

North Benson Queen Unit

8. Well Name and No.

North Benson Queen Unit #38

9. API Well No.

30-015-04565

10. Field and Pool, or Exploratory Area

Queen

11. County or Parish, State

Eddy County, NM

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

RECEIVED

2. Name of Operator  
Arena Resources, Inc.

DEC 23 2005

3a. Address  
4920 South Lewis, Suite 107 Tulsa, OK 741053b. Phone No. (include area code)  
918-747-6060

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1650' FNL ; 2310 FEL, Sec. 34, T18S, R30E

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

## TYPE OF ACTION

☐ Notice of Intent☒ Subsequent Report

] Final Abandonment Notice

☐ 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 recompleat 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 recompleat 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.)

4-3-02 MIRU Basic Energy Workover Rig

4-4-02 POOH w/ 17 jts 4.5" csg.

4-8-02 RIH w/ mill &amp; tbq. Could not get into csg. RIH w/ 4.5" over-shot, could not catch csg.

4-9-02 RIH w/ Muleshoe w/ 15 deg bend, could not work into csg. POOH & lay down 2.375" tbq. RIH w/ 2.875" Rental string w/ Baker 5AA Mechanical Set CICR. Set CICR @ 516'. RU BJ Service Co. Pump 300 sx CI "C" (71 Bbl. slurry) @ 324 psi, disp w/ 2.9 Bbl. water Pull out of retainer, circ hole w/ 33 Bbl. mud. Spot 25 sx cmt (100') plug on top of retainer 516'-416'. Pull up hole, spot 25 sx cmt from 100' to surface.

Plate has been welded on and marker is installed.

Report has been reconstructed from work tickets and field notes.

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

Accepted for record  
NMOCD14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Mike Barnhart

Title Production Manager

Signature

Date

12-9-05

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

(ORIG. SGD.) ALEXIS C. SWOBODA

PETROLEUM ENGINEER

DEC 21 2005

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 entitle the applicant to conduct operations thereon.

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.

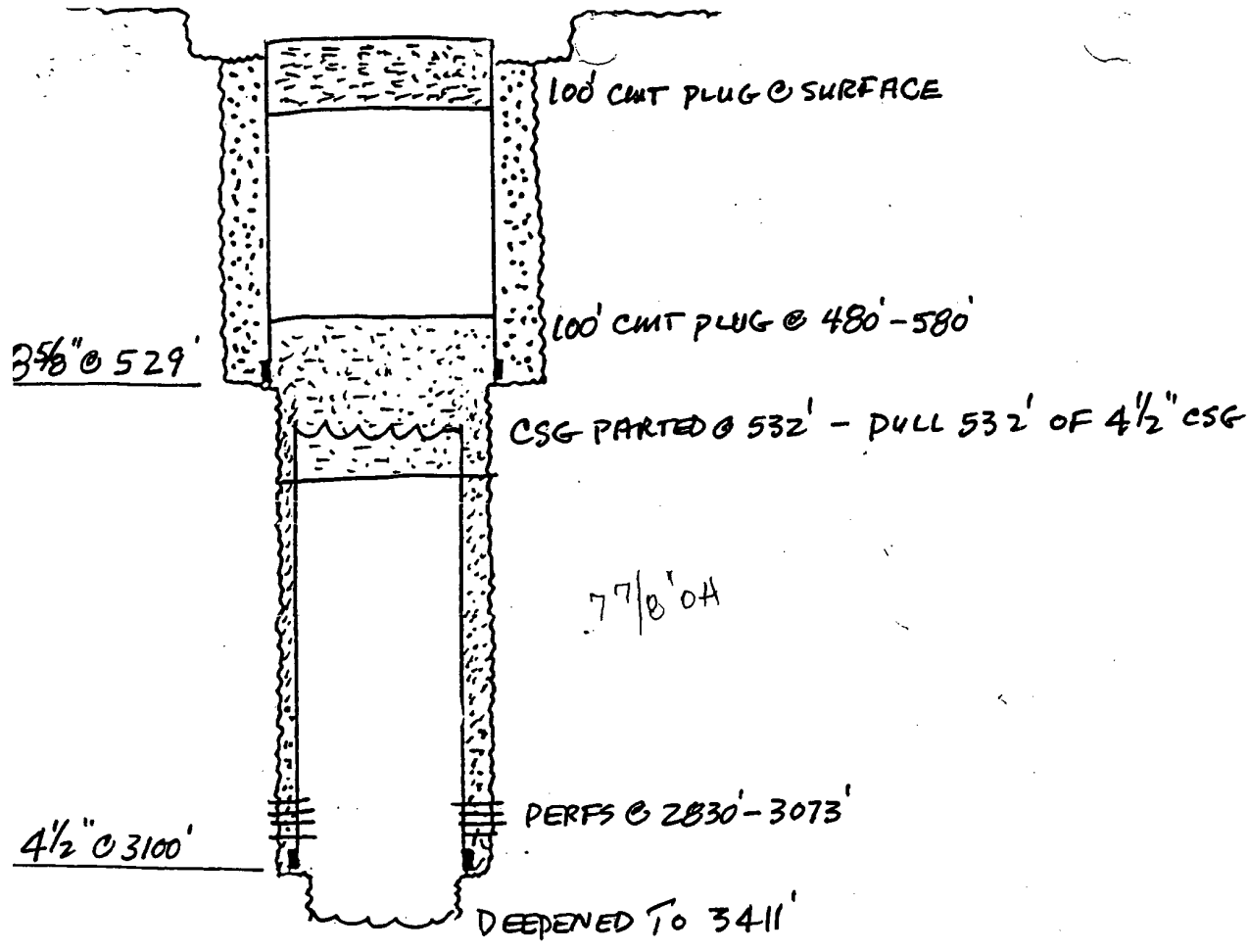
(Instructions on page 2)

OPERATOR: UNITED OIL MINERALS, LP

WELL: NBQUL#39

LEASE NO: LC-058650

LOCATION: 1650' F/N, 2310' F/E SEC. 34 T. 185 R. 30E



P+A APPROVED  
L. Babyak  
03/14/02

APPROVED  
MAR 11 2002  
LES BARNER  
PETROLEUM DEEP



# PLUGGED WELL SCHEMATIC

## Texaco Federal #1

API 30-015-10534

2310' FSL & 1650' FWL, SEC. 34-T18S-R30E  
EDDY COUNTY, NEW MEXICO

Spud Date: 1/20/1965

P&A Date: 10/28/1966

Well Plugged by:  
Hammond Drilling Co.

<PLUGGING ITEMS LISTED LEFT>

### PLUGS:

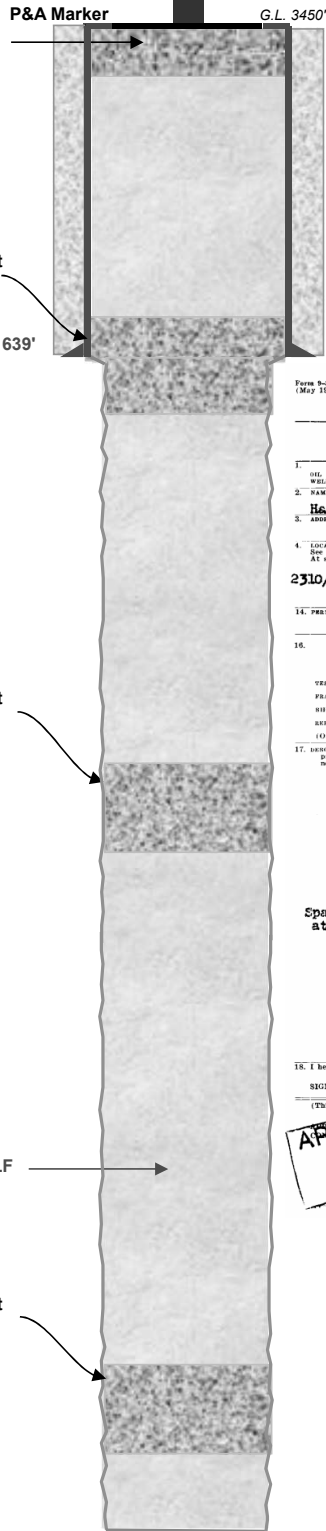
Spot 20'  
20'-0'

Spot 33 sx Cmt  
700'-600'

Spot 33 sx Cmt  
1650'-1550'

Load Hole w/ MLF  
(Heavy Mud)

Spot 33 sx Cmt  
2900'-2800'



<PRE-P&A EXISTING ITEMS LISTED RIGHT>

### Surface Casing

8.675", 20.0# Csg. (11.0" Hole) @ 639'  
100 sx to Surface (NR)

<P&A SUBSEQUENT SUNDRY>

Form 9-331 (May 1965)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN 2 LOCATIONS  
(Other instructions on reverse side)

Form approved:  
Bureau of Reclamation, No. 42-B1424.

5. LEASE IDENTIFICATION AND SERIAL NO.  
No. 033-7-75

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Hammond Drilling

8. FARM OR LEASE NAME  
Texaco Fed.

9. WELL NO.  
2

10. NORTH-BOUNDARY

11. SEC. T. R. N. OR B. AND  
34-T18S-R30E

12. COUNTY OR PARISH  
Eddy

13. STATE  
New Mex.

14. PERMIT NO.  
3450

15. REMARKS (Show whether SE, NE, SW, etc.)

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐ WATER SHUT-OFF ☐ REPAIRING WELL ☐

FRACURE TREAT ☐ MULTIPLE COMPLETE ☐ FRACTURE TREATMENT ☐ ALTERING CASING ☐

SHOOT OR ACIDIZE ☐ ABANDON\* ☐ SHOOTING OR ACIDIZING ☐ ABANDONMENT\* ☒

REPAIR WELL ☐ CHANGE PLANS ☐ (Other) ☐

(Note: Report results of multiple completion on Well Completion or Completion Report and Log form.)

17. DESCRIBE PROCEDURE OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent data, 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.)

Have plugged well as follows: set cement plugs from 2900-2300 with 33 sac  
1650-1550 " " 33 "

700-600 " " 33sack

20-0 " " 20 "

Space between plugs filled with heavy mud. Regulation marker installed at 4' above ground. Marker as follows: Hammond #1 Texaco Fed. 2310/s 1650/w 34-18-30E

RECEIVED  
FEB 14 1967  
C. D. C.  
ARTESIA, OFFICE

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

SIGNED Glenn E. Hammond TITLE Operator

(This space for State or Federal use)

APPROVED  
FEB 13 1967  
R. L. GLENN  
ARTESIA, OFFICE

DATE

\*See Instructions on Reverse Side

NOT SET Production Casing  
8.25" Hole @ 3250'

Drawn by: Ben Stone, 12/31/2021

SOS Consulting, LLC

DTD @ 3250'



## Workover Proposal

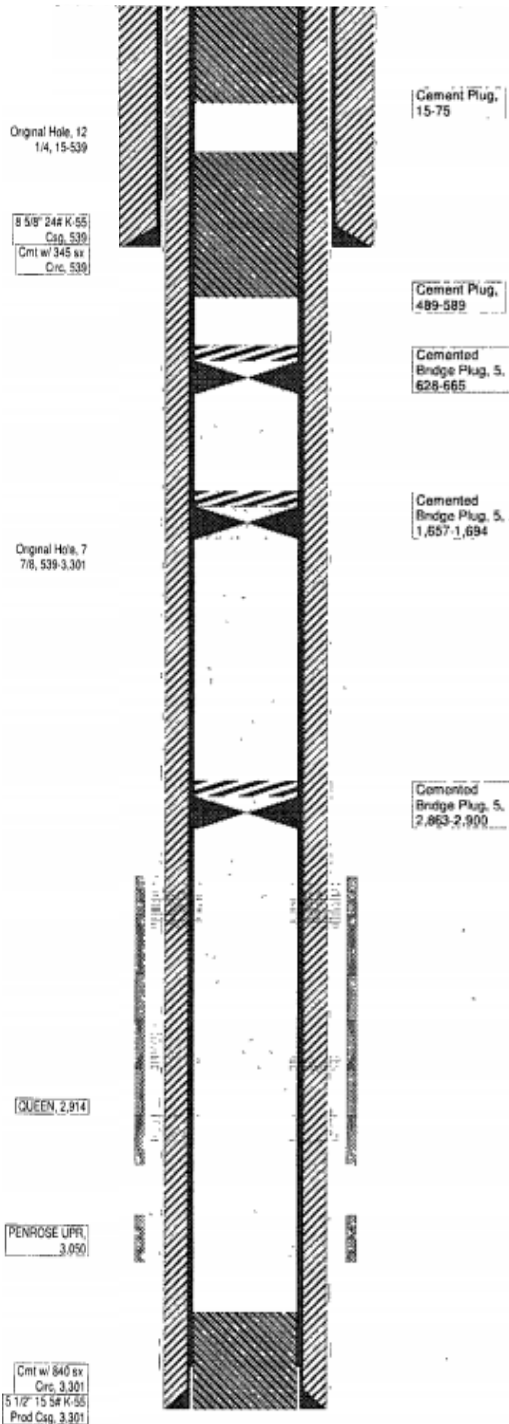
BENSON 3 FEDERAL 2

Field: SEC 3, 19S-30E, 330 FNL & 480 FEL  
County: EDDY  
State: NEW MEXICO  
Location: Site Inspection: Go South on Hwy 222, turn Right on Grubbs Rd for 4.3, turn Left, follow to location.

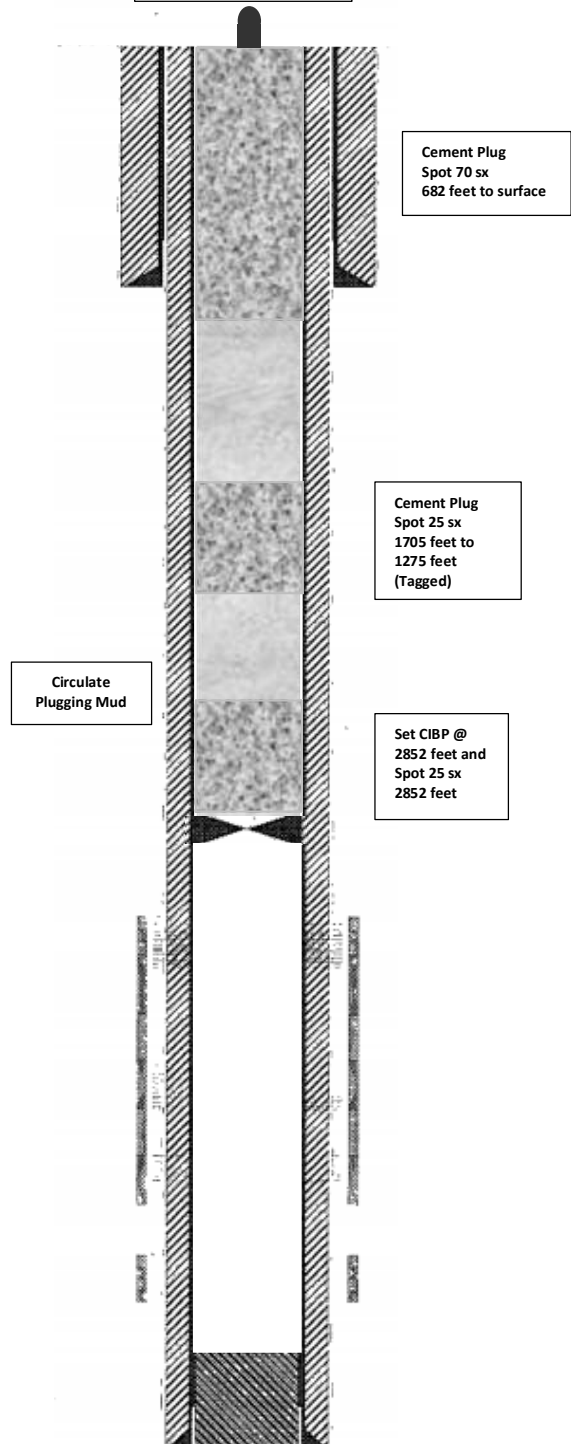
Elevation: GL 3,440.00 KB 3,455.00

Spud Date: 3/21/1990  
Initial Compl. Date:  
API #: 3001526260  
CHK Property #: 891329  
1st Prod Date: 5/1/1990  
PBDT: Original Hole - 3140.0  
TD: 3,301.0

### INTENT P&A DESIGN



### SUBSEQUENT P&A



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

RECEIVED

FEB 25 2010

NMOCD ARTESIA

## 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 reverse side

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
Cimarex Energy Co. of Colorado3a. Address  
600 N. Marienfeld St., Ste. 600; Midland, TX 797073b. Phone No. (include area code)  
432-571-78004. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
760 FNL & 2080 FEL  
3-19S-30E

5. Lease Serial No.

NM-29228

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Benson 3 Federal No. 1

9. API Well No.

30-015-25718

10. Field and Pool, or Exploratory Area

Benson; Strawn (Gas)

11. County or Parish, State

Eddy County, NM

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

## TYPE OF ACTION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice☐ 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 recompleate 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 recompleation 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.)

01.25.10 Tagged fish @ 5417.' EOT @ 5413.' Pumped 100 sx Class C + 2% CaCl<sub>2</sub>. Witnessed by Richard Carrasco.01.26.10 Tagged cement @ 5328' (89' above fish). Pumped 100 sx Class C + 2% CaCl<sub>2</sub>. Tagged cement @ 5137.' Pumped 50 sx Class C + 2% CaCl<sub>2</sub>. Witnessed by Richard Carrasco.01.27.10 Tagged cement @ 5011.' RIH w/ tbg to 5000.' Pumped 35 sx Class C + 2% CaCl<sub>2</sub>. Tagged cement @ 4907.' Perfed casing @ 3880.' RIH w/ tbg to 3934 (54' below perfs) and pumped 35 sx Class C + 2% CaCl<sub>2</sub>. Witnessed by Richard Carrasco.01.28.10 Tagged cement @ 3558.' Notified Richard Carrasco and received verbal permission to perf casing @ 1980.' RIH w/ tbg to 2045' and pumped 35 sx Class C + 2% CaCl<sub>2</sub>. Did not tag cement. RIH w/ tbg to 2045' and pumped 60 sx Class C + 2% CaCl<sub>2</sub>.01.29.10 Tagged cement @ 1112.' Perfed csg @ 700.' Pumped 170 sx Class C + 2% CaCl<sub>2</sub>. Top loaded 30 sx cmt to keep cmt at surface.

01.31.09 Cut off wellhead and welded on dry hole marker.

Accepted as to plugging of the well bore.  
Liability under bond is retained until  
Surface restoration is completed.14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Zeno Farris

Signature

Zeno Farris

Title

Manager Operations Administration

Date

February 2, 2010

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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.

Title 18 U.S.C. Section 1001, makes 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 reverse)



13 3/8" 48/61# csg @ 405'  
Cmt w/500 sx, circ to surface

Perf & circ thru annulus  
Class C Plug from 0-700' and tag

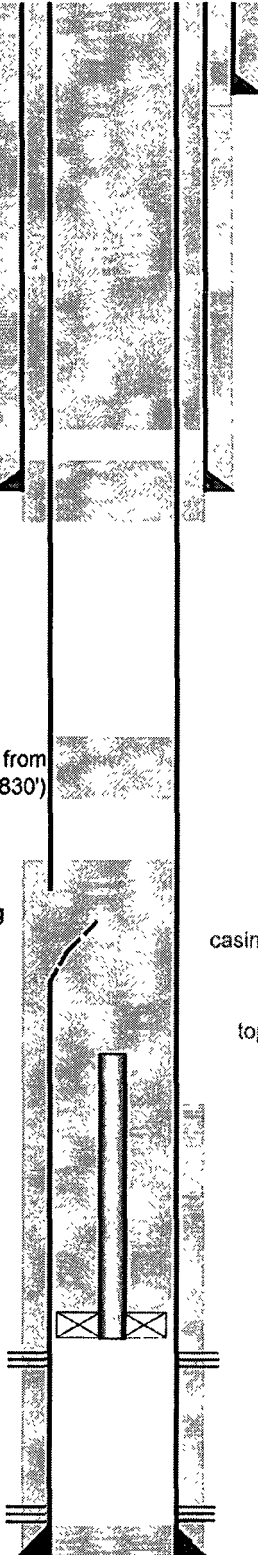
8 5/8" 24# csg @ 1995'  
Cmt w/1200 sx, circ to surface

Perf & circ 95 sx CI C plug from  
1112-2045' and tag (min 50' inside csg)

Perf & circ 35 sx Class C Plug from  
3558-3880' and tag (top of Delaware @ 3830')  
saw corrosion/scale on tubing below 4000'

285 sx Class C Plug from 4800-4907' and tag  
(min 100' above parted casing @ 5040')

5 1/2" 17# csg @ 11,250'  
Cmt w/525 sx, TOC 9000'



PBTD: 11,190'  
TD: 11,250'

**Cimarex Energy Co. of Colorado  
BENSON 3 FEDERAL #1**

API 30-01525718  
760' FNL & 2080' FEL, Sec 3, T19S R30E  
Eddy County, NM  
GL: 3447' KB: 3464'  
1/17/2010

17 1/2" hole to 405'

11" hole to 1995'

casing failure @ 5040'

top of fish (parted tubing) @ 5417'

TOC Cement 5 1/2" csg @9000' (Temp Survey)

Packer @ 10,804' (1/87)

Strawn Perfs:  
10,888'-897' & 10,900'-902' (1/87)

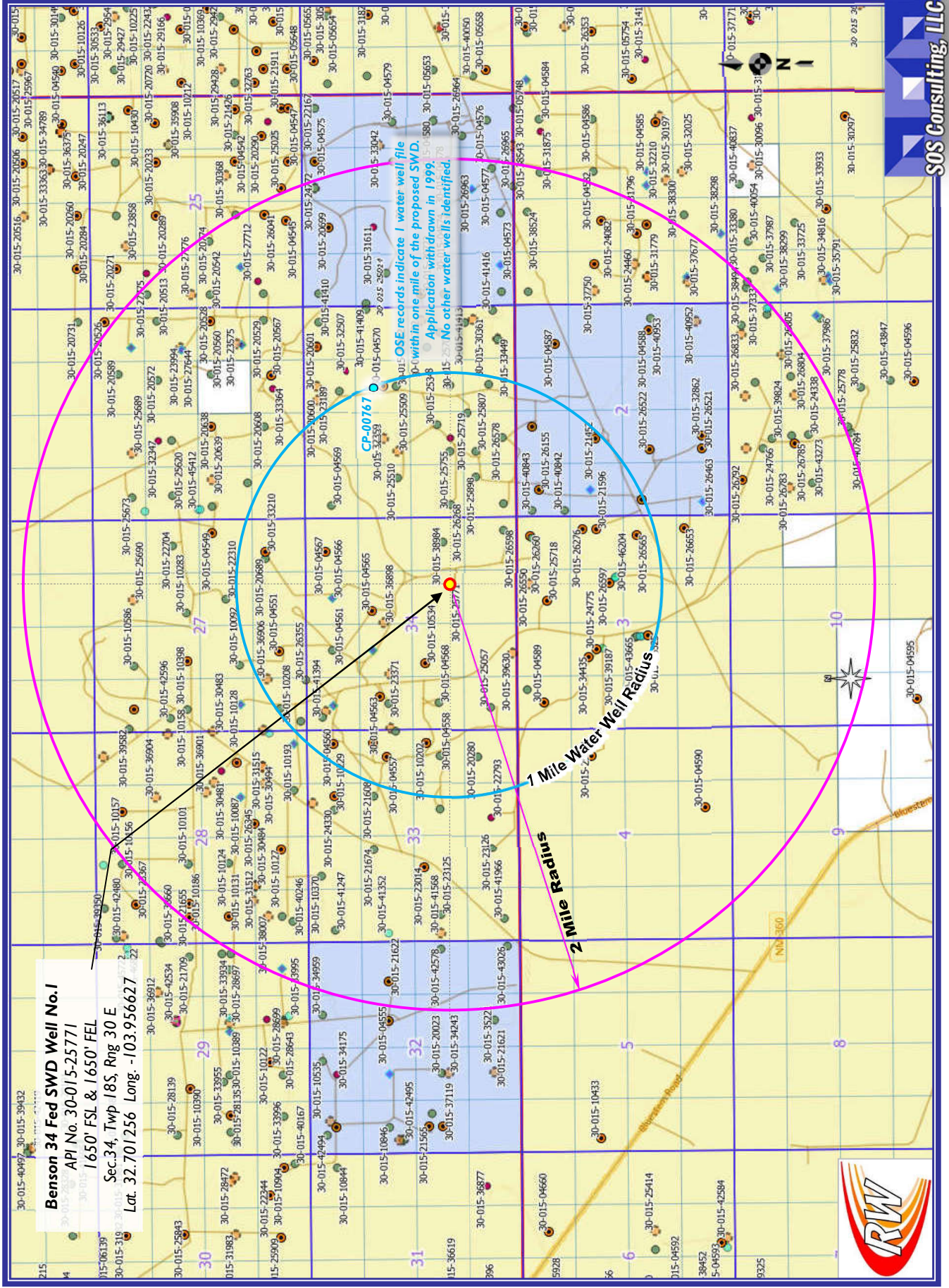
7 7/8" hole to TD 11,250'

M. Ketter 7/27/2009



# Benson 34 Federal Well No.1 SWD - Area of Review - 2 Miles

(Attachment to NMOC Form C-108 - Item V)

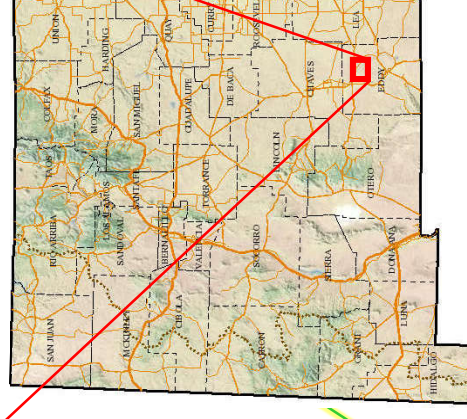




## (Attachment to NMOCD Form C-108 - Item V)

**Benson 34 Fed Well No. 1**  
 API No. 30-015-25771  
 1650' FSL & 1650' FEL  
 Sec.34, Twp 18S, Rng 30 E  
 Lot 32.701256, Long. -103.956627

Map showing the location of Benson 34 Fed Well No. 1 (API No. 30-015-25771) and its 1/2 mile radius circle. The well is located in Section 34, Township 18S, Range 30 E, Lot 32.701256, Long. -103.956627. The map displays various well locations (API Nos. 30-015-25771, 30-015-25775, 30-015-25800, 30-015-25808, 30-015-25898, 30-015-26267, 30-015-26268, 30-015-26276, 30-015-26278, 30-015-26279, 30-015-26280, 30-015-26281, 30-015-26282, 30-015-26283, 30-015-26284, 30-015-26285, 30-015-26286, 30-015-26287, 30-015-26288, 30-015-26289, 30-015-26290, 30-015-26291, 30-015-26292, 30-015-26293, 30-015-26294, 30-015-26295, 30-015-26296, 30-015-26297, 30-015-26298, 30-015-26299, 30-015-26300, 30-015-26301, 30-015-26302, 30-015-26303, 30-015-26304, 30-015-26305, 30-015-26306, 30-015-26307, 30-015-26308, 30-015-26309, 30-015-26310, 30-015-26311, 30-015-26312, 30-015-26313, 30-015-26314, 30-015-26315, 30-015-26316, 30-015-26317, 30-015-26318, 30-015-26319, 30-015-26320, 30-015-26321, 30-015-26322, 30-015-26323, 30-015-26324, 30-015-26325, 30-015-26326, 30-015-26327, 30-015-26328, 30-015-26329, 30-015-26330, 30-015-26331, 30-015-26332, 30-015-26333, 30-015-26334, 30-015-26335, 30-015-26336, 30-015-26337, 30-015-26338, 30-015-26339, 30-015-26340, 30-015-26341, 30-015-26342, 30-015-26343, 30-015-26344, 30-015-26345, 30-015-26346, 30-015-26347, 30-015-26348, 30-015-26349, 30-015-26350, 30-015-26351, 30-015-26352, 30-015-26353, 30-015-26354, 30-015-26355, 30-015-26356, 30-015-26357, 30-015-26358, 30-015-26359, 30-015-26360, 30-015-26361, 30-015-26362, 30-015-26363, 30-015-26364, 30-015-26365, 30-015-26366, 30-015-26367, 30-015-26368, 30-015-26369, 30-015-26370, 30-015-26371, 30-015-26372, 30-015-26373, 30-015-26374, 30-015-26375, 30-015-26376, 30-015-26377, 30-015-26378, 30-015-26379, 30-015-26380, 30-015-26381, 30-015-26382, 30-015-26383, 30-015-26384, 30-015-26385, 30-015-26386, 30-015-26387, 30-015-26388, 30-015-26389, 30-015-26390, 30-015-26391, 30-015-26392, 30-015-26393, 30-015-26394, 30-015-26395, 30-015-26396, 30-015-26397, 30-015-26398, 30-015-26399, 30-015-26400, 30-015-26401, 30-015-26402, 30-015-26403, 30-015-26404, 30-015-26405, 30-015-26406, 30-015-26407, 30-015-26408, 30-015-26409, 30-015-26410, 30-015-26411, 30-015-26412, 30-015-26413, 30-015-26414, 30-015-26415, 30-015-26416, 30-015-26417, 30-015-26418, 30-015-26419, 30-015-26420, 30-015-26421, 30-015-26422, 30-015-26423, 30-015-26424, 30-015-26425, 30-015-26426, 30-015-26427, 30-015-26428, 30-015-26429, 30-015-26430, 30-015-26431, 30-015-26432, 30-015-26433, 30-015-26434, 30-015-26435, 30-015-26436, 30-015-26437, 30-015-26438, 30-015-26439, 30-015-26440, 30-015-26441, 30-015-26442, 30-015-26443, 30-015-26444, 30-015-26445, 30-015-26446, 30-015-26447, 30-015-26448, 30-015-26449, 30-015-26450, 30-015-26451, 30-015-26452, 30-015-26453, 30-015-26454, 30-015-26455, 30-015-26456, 30-015-26457, 30-015-26458, 30-015-26459, 30-015-26460, 30-015-26461, 30-015-26462, 30-015-26463, 30-015-26464, 30-015-26465, 30-015-26466, 30-015-26467, 30-015-26468, 30-015-26469, 30-015-26470, 30-015-26471, 30-015-26472, 30-015-26473, 30-015-26474, 30-015-26475, 30-015-26476, 30-015-26477, 30-015-26478, 30-015-26479, 30-015-26480, 30-015-26481, 30-015-26482, 30-015-26483, 30-015-26484, 30-015-26485, 30-015-26486, 30-015-26487, 30-015-26488, 30-015-26489, 30-015-26490, 30-015-26491, 30-015-26492, 30-015-26493, 30-015-26494, 30-015-26495, 30-015-26496, 30-015-26497, 30-015-26498, 30-015-26499, 30-015-26500, 30-015-26501, 30-015-26502, 30-015-26503, 30-015-26504, 30-015-26505, 30-015-26506, 30-015-26507, 30-015-26508, 30-015-26509, 30-015-26510, 30-015-26511, 30-015-26512, 30-015-26513, 30-015-26514, 30-015-26515, 30-015-26516, 30-015-26517, 30-015-26518, 30-015-26519, 30-015-26520, 30-015-26521, 30-015-26522, 30-015-26523, 30-015-26524, 30-015-26525, 30-015-26526, 30-015-26527, 30-015-26528, 30-015-26529, 30-015-26530, 30-015-26531, 30-015-26532, 30-015-26533, 30-015-26534, 30-015-26535, 30-015-26536, 30-015-26537, 30-015-26538, 30-015-26539, 30-015-26540, 30-015-26541, 30-015-26542, 30-015-26543, 30-015-2654



Eddy County, New Mexico



**RAY WESTALL OPERATING, INC.**



## **C-108 ITEM X**

### **LOGS and AVAILABLE TEST DATA**

A log strip from the nearest offset well is attached  
With the corresponding porosity marked.

(Log: 30-015-38984, Dorado 34 Fed Com #1H)

Also included is a cross section with the above mentioned well and the McClay GR #4  
(API 30-015-04568) with ground level datum and the Benson 34 Fed #1 depths  
approximated based on distance between wells.

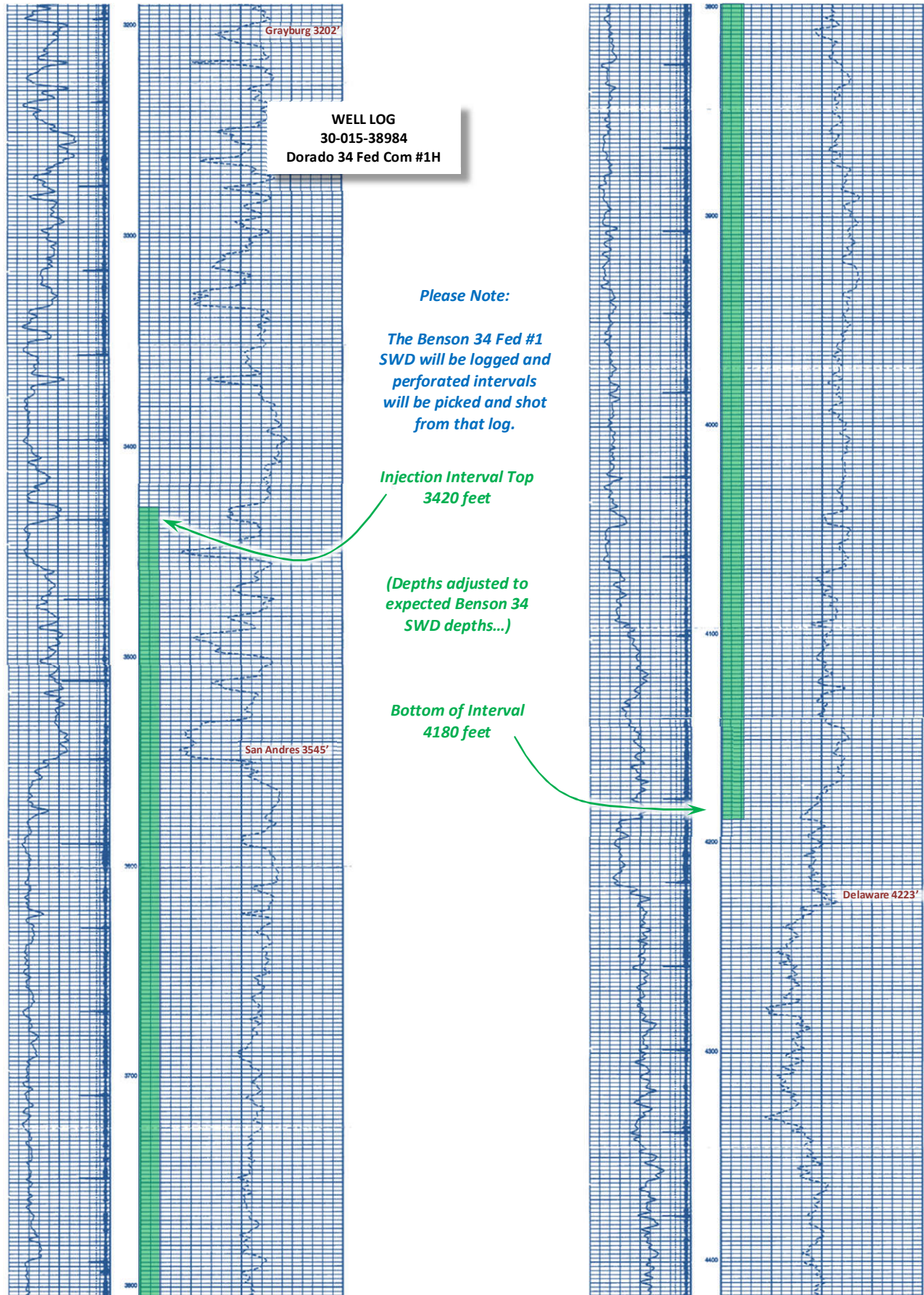
The final page shows the correlation between the two logs.

**LOG STRIP FOLLOWS**



# Benson 34 Federal #1 – Log Intervals; Dorado 34 Well

*Intervals adjusted approximately 8 feet to Benson 34 SWD Proposed Well*





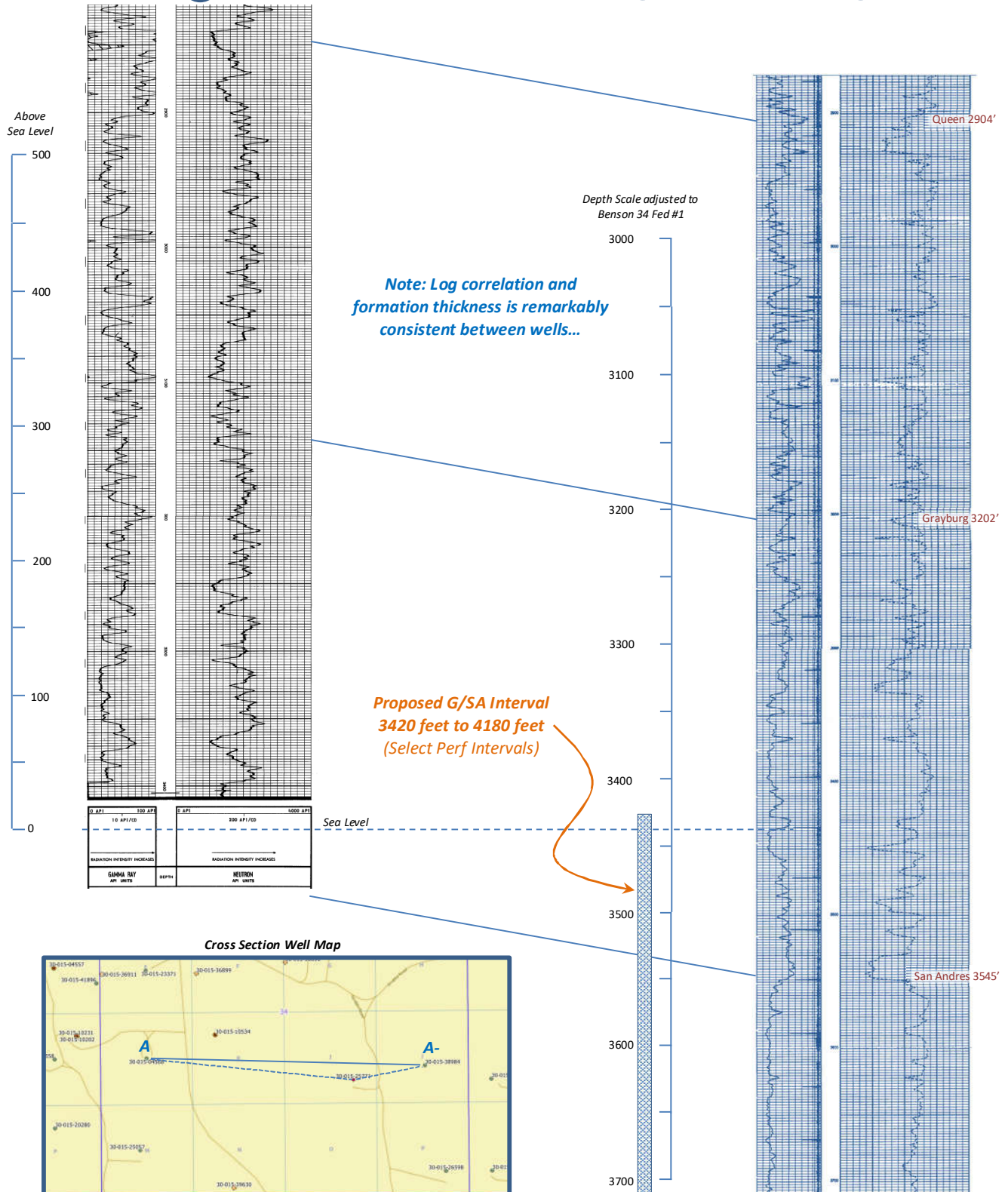
# Benson 34 Federal #1 – Proposed SWD Interval

Based on nearest well logs

30-015-04568  
McClay GR #004  
L-34-18S-30E  
GL: 3427'

30-015-25771  
Benson 34 Fed #001  
J-34-18S-30E  
GL: 3443'

30-015-38984  
Dorado 34 Fed Com #1H  
I-34-18S-30E  
GL: 3435'



Cross Section Well Map



Full log interval in following exhibits...

# Benson 34 Federal #1 – Log Correlation

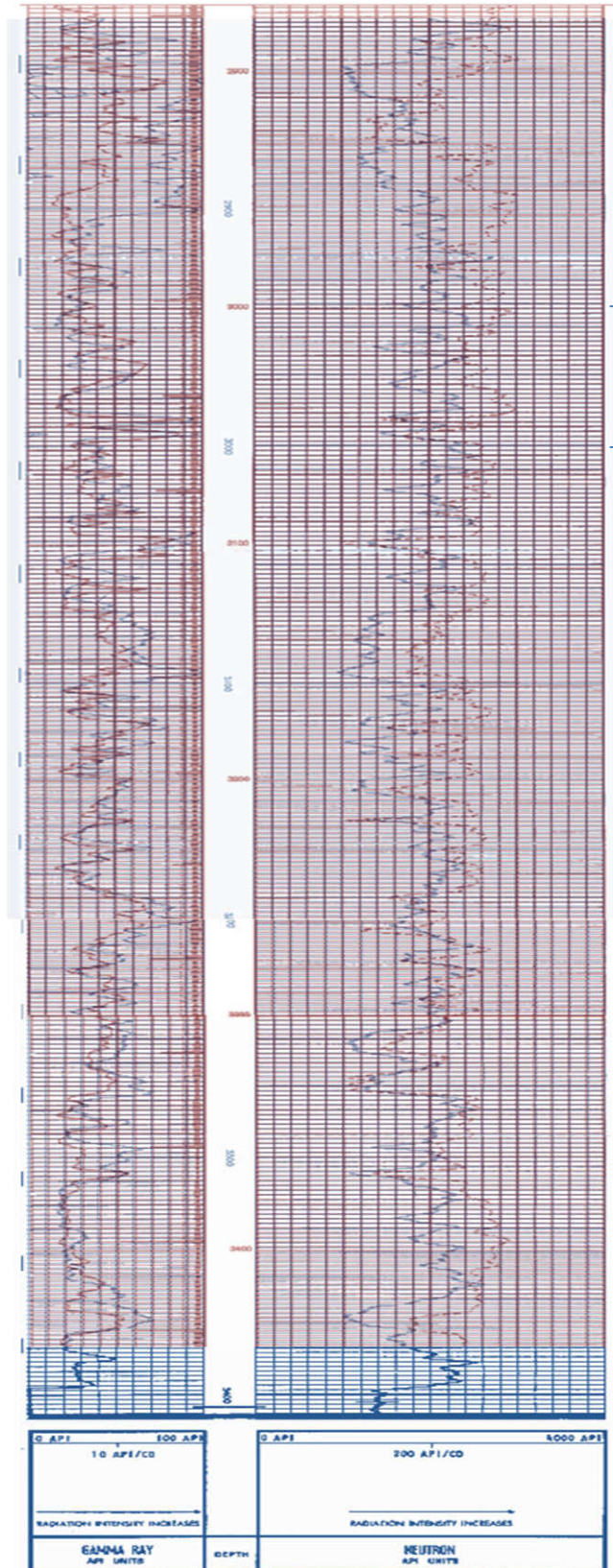
*For Cross Section and Interval Determination*



30-015-04568  
McClay GR #004  
(underneath)



30-015-38984  
Dorado 34 Fed Com #1H  
(on top)



**Log Correlation:**  
Best fit approximately 57 feet; top red log is Dorado 34 Fed to the east.

**Note:** Log correlation and formation thickness is remarkably consistent between wells...

## **C-108 ITEM VII – PROPOSED OPERATION**

The Benson 34 Federal No.1 SWD will be operated as a commercial disposal service to area operators to facilitate in disposal of produced water from typical producing formations in the area. (Samples are included in this application from Artesia Group and Delaware formation waters - chlorides and TDS are relative compatible with Grayburg/ San Andres waters.)

RWO, Inc. does not believe the proposed SWD will have any adverse impact on its producing operations or the operations of others in the area. There is some waterflood activity in the region into the Queen and shallower formations. This SWD will not pose a threat to any of those operations. The nearest injection well is to the northwest (~2560 feet) and is completed through perfs and open hole from 2845' to 3408'. There is no San Andres production within one mile. There is one San Andres producer located 6280 feet to the northeast, 30-015-04548 is operated by CFM Oil Company and production has been at or near zero for more than a year.

The system will be closed utilizing a tank battery facility located on the well site as well as delivery via pipeline.

Injection pressure will be 684 psi with rates limited only by that pressure. A maximum of 3500 bwpd is being requested but average rates are not expected to be greater than approximately 1500 bwpd. In the future, Ray Westall Operating, Inc. may opt to conduct a step rate test if it is determined that greater rates may be required. This would be submitted to OCD as a request to increase the injection pressure.

Routine maintenance will be ongoing, and any releases will be reported within 24 hours to OCD on form C-141 pursuant to various portions of 19.15.30 NMAC.

The facility will be available for inspections at any time deemed necessary by OCD.

**C-108 Item VII.5 - Produced Water Data**  
**Ray Westall Operating, Inc. - Benson 34 Federal #1**

**SOURCE ZONE**

**ARTESIA GROUP - TNSL-YTS-7RVRS**

<b>API No.</b>	3001505074	<b>Lab ID</b>	
		<b>Sample ID</b>	5645
<b>Well Name</b>	H E WEST B	<b>Sample No</b>	
	027		
<b>Location</b>	ULSTR 04 17 S 31 E	<b>Lat / Long</b>	32.85815 -103.87611
	660 S 1980 W	<b>County</b>	Eddy
<b>Operator (when sampled)</b>			
	Field	GRAYBURG JACKSON	Unit N
<b>Sample Date</b>	8/22/1961	<b>Analysis Date</b>	
	Sample Source UNKNOWN	<b>Depth (if known)</b>	
	Water Type		
ph	7.04	alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity		hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	48954	resistivity_ohm_cm_temp	
tds_mgL_180C		conductivity	
chloride_mgL	27276	conductivity_temp_F	
sodium_mgL		carbonate_mgL	
calcium_mgL		bicarbonate_mgL	603
iron_mgL		sulfate_mgL	1514
barium_mgL		hydroxide_mgL	
magnesium_mgL		h2s_mgL	
potassium_mgL		co2_mgL	
strontium_mgL		o2_mgL	
manganese_mgL		anionremarks	

Remarks

(Produced water data courtesy of NMT Octane NM WAIDS database.)





**C-108 Item VII.5 - Produced Water Data**  
**Ray Westall Operating, Inc. - Taylor Deep 12 Fed SWD Project**

**SOURCE ZONE**

**ARTESIA GROUP - TNSL-YTS-7RVRS**

<b>API No.</b>	3001505488	<b>Lab ID</b>	
		<b>Sample ID</b>	5183
<b>Well Name</b>	STATE M	<b>Sample No</b>	
	002		
<b>Location</b>	ULSTR 32 17 S 31 E	<b>Lat / Long</b>	32.79734 -103.89658
	330 N 990 W	<b>County</b>	Eddy
<b>Operator (when sampled)</b>			
	Field	<b>Unit</b>	D
<b>Sample Date</b>		<b>Analysis Date</b>	
	Sample Source UNKNOWN	<b>Depth (if known)</b>	
	Water Type		
ph		alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity		hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	154459	resistivity_ohm_cm_temp	
tds_mgL_180C		conductivity	
chloride_mgL	94010	conductivity_temp_F	
sodium_mgL		carbonate_mgL	
calcium_mgL		bicarbonate_mgL	763
iron_mgL		sulfate_mgL	1648
barium_mgL		hydroxide_mgL	
magnesium_mgL		h2s_mgL	
potassium_mgL		co2_mgL	
strontium_mgL		o2_mgL	
manganese_mgL		anionremarks	
<b>Remarks</b>			

(Produced water data courtesy of NMT Octane NM WAIDS database.)



**C-108 Item VII.5 - Produced Water Data**  
**Ray Westall Operating, Inc. - Benson 34 Federal #1**

**SOURCE ZONE**

**DEL MTN**

<b>API No.</b>	3001510288	<b>Lab ID</b>	
		<b>Sample ID</b>	2277
<b>Well Name</b>	KEOHANE ETAL C FED 002	<b>Sample No</b>	
<b>Location</b>	ULSTR 28 18 S 31 E	<b>Lat / Long</b>	32.71908 -103.86646
	2310 N 330 E	<b>County</b>	Eddy
<b>Operator (when sampled)</b>			
	Field SHUGART	<b>Unit</b>	H
<b>Sample Date</b>		<b>Analysis Date</b>	
	Sample Source UNKNOWN	<b>Depth (if known)</b>	
	Water Type		
ph		alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity		hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	254320	resistivity_ohm_cm_temp	
tds_mgL_180C		conductivity	
chloride_mgL	157000	conductivity_temp_F	
sodium_mgL		carbonate_mgL	
calcium_mgL		bicarbonate_mgL	70
iron_mgL		sulfate_mgL	800
barium_mgL		hydroxide_mgL	
magnesium_mgL		h2s_mgL	
potassium_mgL		co2_mgL	
strontium_mgL		o2_mgL	
manganese_mgL		anionremarks	
<b>Remarks</b>			

(Produced water data courtesy of NMT Octane NM WAIDS database.)



**C-108 Item VII.5 - Produced Water Data**  
**Ray Westall Operating, Inc. - Benson 34 Federal #1**

**DISPOSAL ZONE**

**GRAYBURG-SAN ANDRES**

<b>API No.</b> 3002533264		<b>Lab ID</b>	
<b>Well Name</b> CAPROCK MALJAMAR UNIT 147		<b>Sample ID</b> 5893	
		<b>Sample No</b>	
<b>Location</b> ULSTR 13 17 S 32 E	<b>Lat / Long</b> 32.83054	-103.71102	
1297 S 103 E		<b>County</b> Lea	
<b>Operator (when sampled)</b> WISER OIL COMPANY			
Field	MALJAMAR	Unit P	
<b>Sample Date</b> 5/21/1998	<b>Analysis Date</b> 6/8/1998		
<b>Sample Source</b>	<b>Depth (if known)</b>		
<b>Water Type</b>			
ph	6.5	alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity	1.066	hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	92231.9	resistivity_ohm_cm_temp_	
tds_mgL_180C		conductivity	
chloride_mgL	57900.9	conductivity_temp_F	
sodium_mgL	31455.5	carbonate_mgL	0
calcium_mgL	3864.25	bicarbonate_mgL	390.156
iron_mgL	1.599	sulfate_mgL	2682.06
barium_mgL	0.1066	hydroxide_mgL	
magnesium_mgL	1459.35	h2s_mgL	42.64
potassium_mgL	479.7	co2_mgL	
strontium_mgL	85.28	o2_mgL	
manganese_mgL		anionremarks	

Remarks

(Produced water data courtesy of NMT Octane NM WAIDS database.)



**C-108 Item VII.5 - Produced Water Data**  
**Ray Westall Operating, Inc. - Benson 34 Federal #1**

**DISPOSAL ZONE**

**GRAYBURG-SAN ANDRES**

<b>API No.</b>	3002533421	<b>Lab ID</b>	
		<b>Sample ID</b>	5922
<b>Well Name</b>	CAPROCK MALJAMAR UNIT 187	<b>Sample No</b>	
<b>Location</b>	ULSTR 24 17 S 32 E 2467 N 2501 W	<b>Lat / Long</b>	32.82027 -103.71979
		<b>County</b>	Lea
<b>Operator (when sampled)</b>	WISER OIL COMPANY		
	Field MALJAMAR	<b>Unit</b>	F
<b>Sample Date</b>	5/21/1998	<b>Analysis Date</b>	6/8/1998
	<b>Sample Source</b>	<b>Depth (if known)</b>	
	<b>Water Type</b>		
ph	6.3	alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity	1.071	hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	104080	resistivity_ohm_cm_temp_	
tds_mgL_180C		conductivity	
chloride_mgL	64871.5	conductivity_temp_F	
sodium_mgL	37006.3	carbonate_mgL	0
calcium_mgL	3037.36	bicarbonate_mgL	653.31
iron_mgL	1.071	sulfate_mgL	3551.44
barium_mgL	0.08568	hydroxide_mgL	
magnesium_mgL	1646.13	h2s_mgL	117.81
potassium_mgL	617.967	co2_mgL	
strontium_mgL	84.609	o2_mgL	
manganese_mgL		anionremarks	

Remarks

(Produced water data courtesy of NMT Octane NM WAIDS database.)





## C-108 - Item VIII

### Geological Data

The Grayburg Formation consists of interbedded sandstones, siltstones, and dolomitic carbonates (Handford et al., 1996; Modica and Dorobek, 1996). The sandstones are the main Grayburg reservoirs and were deposited in coastal sabka, sandflat, and eolian environments. (Broadhead et al., 2004)

The San Andres formation consists of limestone which is up to several hundred feet thick and grades upward and away from the reef into crystalline dolomite. The texture of the dolomites becomes finer on the Northwestern shelf as the proportion of chemically precipitated dolomite increases, and anhydrite becomes present the section, first as small blobs, then as beds (Jones, 1953).

The Grayburg is overlain by the Queen and the San Andres is underlain by Delaware and Wolfcamp.

The zone from 3420 feet to 4180 feet offers reasonably good porosity for anticipated rates of approximately 1500 bwpd.

Fresh water in the area is generally available from the Santa Rosa formation (Capitan Basin). Based on State Engineer's records for water wells in Township 18S and 19S and Range 30E, groundwater depth was not reported; however, area wells are an average depth of 308 feet

There are NO active water wells located within one mile of the proposed SWD. The spot shown on the map; C-00767-POD1, is for an application that was withdrawn in March, 1999. A letter confirming the withdrawal is included herein.

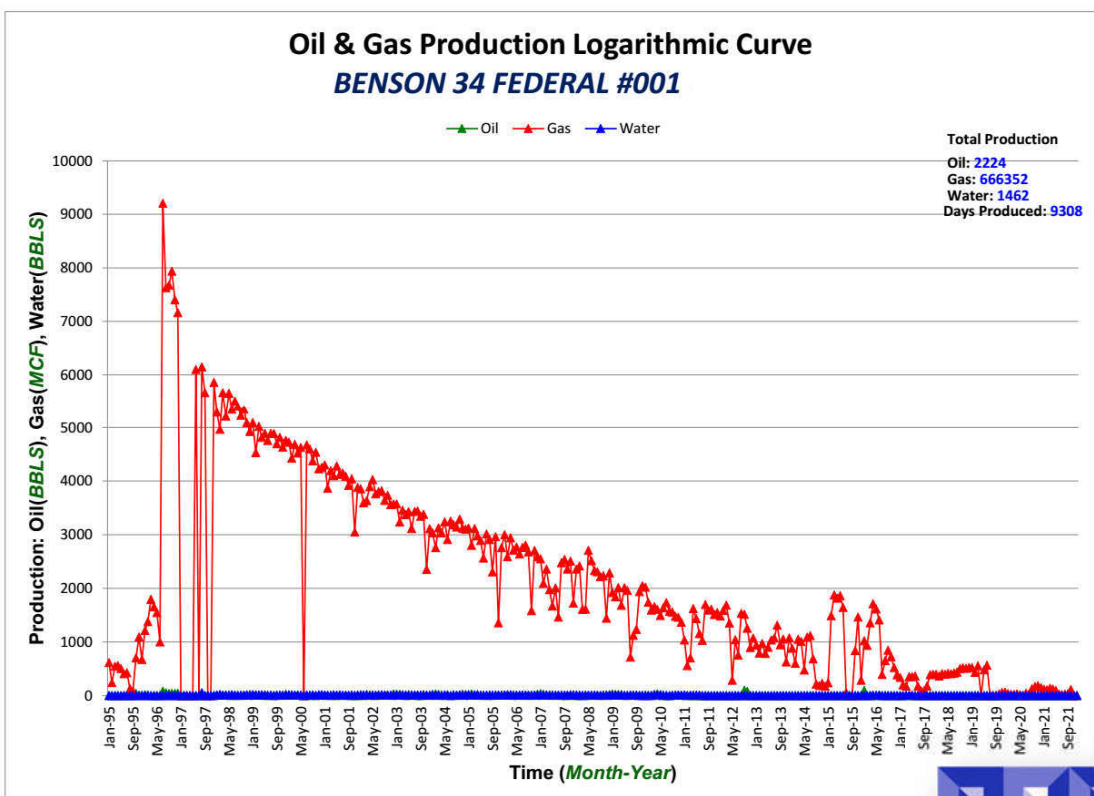
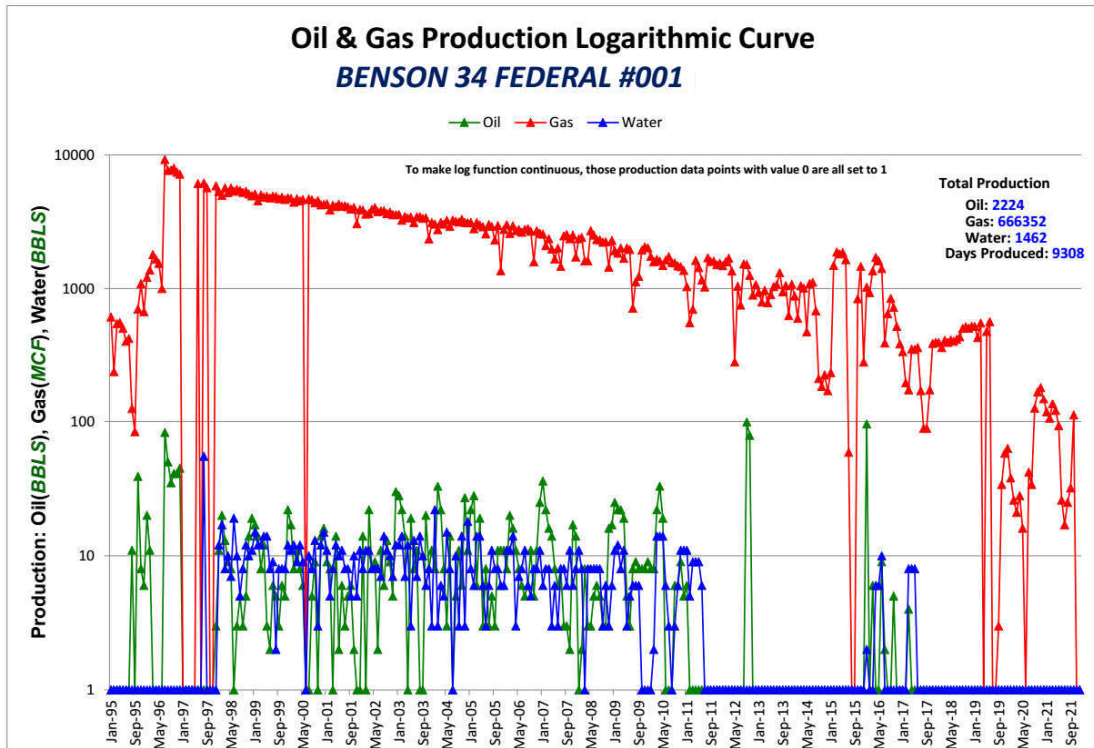
***This well was and is completed as a Strawn gas producer but the following decline charts show the zone has been effectively depleted. Current production is non-economic.***

# C-108 - Item VIII

## Geological Data

### PRODUCTION STATISTICS

*Ray Westall Operating, Inc. believe SWD is the highest and best use of this well as production has been effectively and fully depleted.*



## C-108 Item XI

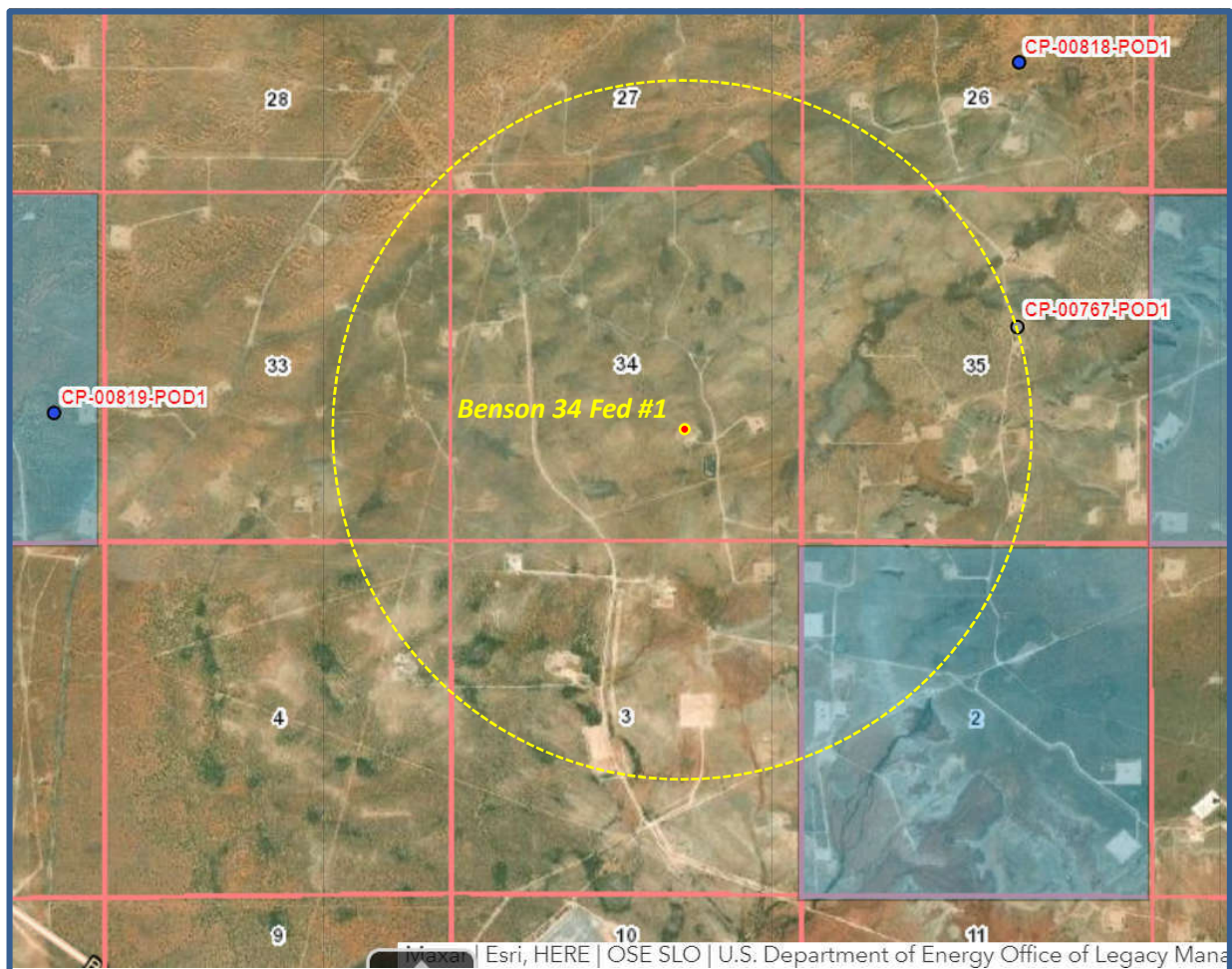
### Water Wells Within One Mile

#### Benson 34 Fed No.1 SWD - Water Well Locator Map

There are NO water wells shown within one mile radius of proposed SWD.  
(As indicated by NM Office of the State Engineer's OSE POD Location GIS application.)

The one spot shown at C-00767-POD1 is for an application that was withdrawn in March, 1999.  
A letter confirming the withdrawal is included herein.

*Depth to GW for 18S-30E is not shown but well depths range from 150 feet to 350 feet for 3 completed wells in the township.*





# New Mexico Office of the State Engineer

## Water Right Summary



WR File Number: CP 00767

Subbasin: CP

Cross Reference: -

Primary Purpose: EXP EXPLORATION

Primary Status: CAN CANCELLED

Total Acres:

Subfile: -

Header: -

Total Diversion: 0

Cause/Case: -

Owner: P.R. PATTON

### Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/	Acres	Diversion	Consumptive
			1	2		To			
<a href="#">get images</a> 599407	EXPL	<a href="#">1992-01-02</a>	CAN	FIN	CP 00767	T	0	0	
<a href="#">get images</a> 599429	APPRO	<a href="#">1991-11-14</a>	APP	WDR	CP 00767	T	0	0	

### Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q	Q	Q	Sec	Tws	Rng	X	Y	Other Location Desc
<a href="#">CP 00767 POD1</a>			3	2	35	18	S	30E	599300	3619158*	WITHDRAWN APP.

\*An (\*) after northing value indicates UTM location was derived from PLSS - see Help

### Place of Use

Q	Q	Q	Q	Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
256	64	16	4				0	0		NOT	11/14/1991	CAN	NO PLACE OF USE GIVEN

### Source

Acres	Diversion	CU	Use	Priority	Source Description
0	0		NOT	11/14/1991	GW



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(A CLW##### in the  
POD suffix indicates the  
POD has been replaced  
& no longer serves a  
water right file.)

(R=POD has  
been replaced,  
O=orphaned,  
C=the file is  
closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
<a href="#">CP 00767 POD1</a>	CP		ED	3	2	35	18S	30E		599300	3619158*	500		
<a href="#">CP 00818 POD1</a>	CP		LE	1	4	26	18S	30E		599289	3620364*	240		
<a href="#">CP 00819 POD1</a>	CP		LE	2	4	32	18S	30E		594878	3618720*	150		
<a href="#">CP 00853 POD1</a>	O	CP	ED	2	4	28	18S	30E		596472	3620340*	350		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 4

PLSS Search:

Township: 18S

Range: 30E

\*UTM location was derived from PLSS - see Help

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

## Transaction Summary

### APPRO Application to Appropriate

Transaction Number: 599429

Transaction Desc: CP 00767

File Date: 11/14/1991



Primary Status: APP Application

Secondary Status: WDR Withdrawn

Person Assigned: \*\*\*\*\*

Applicant: P.R. PATTON

#### Events

	Date	Type	Description	Comment	Processed By
	11/14/1991	APP	Application Received	*	*****
	03/31/1999	WDR	Withdraw Application		*****
	02/16/2017	TEC	Technical Report	*FILE JACKET	*****
	02/16/2017	QAT	Quality Assurance Completed	SQ2	*****
	02/27/2017	QAT	Quality Assurance Completed	IMAGE	*****
	03/15/2017	QAT	Quality Assurance Completed	DATA	*****

#### Water Right Information

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
CP 00767	0	0		SRO SECONDARY RECOVERY OF OIL

#### \*\*Point of Diversion

CP 00767 POD1 595903 3617312\* 

\*An (\*) after northing value indicates UTM location was derived from PLSS - see Help

#### \*\*Place of Use

Q	Q	Q	Q	Sec	Tws	Rng	Acres	Diversion	Consumptive	Use	Priority	Status	Other	Loc	Desc
256	64	16	4				0		0		NOT 11/14/1991	CAN		NO PLACE OF	USE GIVEN

#### Remarks

"APPLICATION IS MADE TO APPROPRIATE NON-POTABLE BRINE WATERS FROM THE RUSTLER FORMATION AT A DEPTH OF +/- 350 FT. (PREDICTED SALINITIES ARE ON THE ORDER OF 78,000-138,000 MGL.)..."

"THE WATER SO APPROPRIATED WILL BE USED FOR INJECTION IN THE SHUGART-YATES/SEVEN RIVERS/QUEEN/GRAYBURG OILFIELD LOCATED IN THE SE1/4, T18S, R30E."

ABSTRACTOR'S NOTE: THIS APPLICATION WAS WITHDRAWN BY A LETTER RECEIVED FROM THE APPLICANT ON 3/31/1999. APPLICATION WAS WITHDRAWN BEFORE APPROVAL.





STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER  
SANTA FE

THOMAS C. TURNEY  
State Engineer

31 March 1999

BATAAN MEMORIAL BUILDING, ROOM 101  
POST OFFICE BOX 25102  
SANTA FE, NEW MEXICO 87504-5102  
(505) 827-6175  
FAX: (505) 827-6188

P.R. Patton  
P.R. Patton & Associates Consulting Engineers  
528 Petroleum Building  
Roswell, New Mexico 88201-4676

Re: Withdrawal of Application CP-767

Application CP-767 for Permit to appropriate the Underground Waters of the State of New Mexico has been withdrawn not subject to reinstatement. The application was withdrawn as requested in the letter from P.R. Patton which was filed at the Roswell Office of the State Engineer on 11 March 1999.

Feel free to contact me if you need further assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul M Wells".

Paul M Wells  
Water Rights Division

cc: District II - Roswell

100-111115

(Attachment to NMOCD Form C-108, Application for Authority to Inject.)



## LEGEND

T.10 – NMLC-0028978B – Multiple (L); BXP, Mewbourne (O)



# C-108 ITEM XIII – PROOF OF NOTIFICATION

## AFFECTED PARTIES LIST

**ALL AFFECTED PARTIES ARE PROVIDED A NOTICE LETTER VIA US CERTIFIED MAIL AND A FULL PRINTED COPY OF THE SUBJECT C-108 APPLICATION VIA FedEx.**

"AFFECTED PERSON" MEANS THE DIVISION DESIGNATED OPERATOR; IN THE ABSENCE OF AN OPERATOR, A LESSEE WHOSE INTEREST IS EVIDENCED BY A WRITTEN CONVEYANCE DOCUMENT EITHER OF RECORD OR KNOWN TO THE APPLICANT AS OF THE DATE THE APPLICANT FILES THE APPLICATION; OR IN THE ABSENCE OF AN OPERATOR OR LESSEE, A MINERAL INTEREST OWNER WHOSE INTEREST IS EVIDENCED BY A WRITTEN CONVEYANCE DOCUMENT EITHER OF RECORD OR KNOWN TO THE APPLICANT AS OF THE DATE THE APPLICANT FILED THE APPLICATION FOR PERMIT TO INJECT.; PER OCD RULES NMAC 19.15.26.7, A. AND 19.15.26.8, B.2.

### SURFACE OWNER

- 1 U.S. DEPARTMENT OF INTERIOR  
Bureau of Land Management  
Oil & Gas Division  
620 E. Greene St.  
Carlsbad, NM 88220  
Certified: 7018 1130 0000 8738 1875

### OFFSET OPERATORS (All Notified via USPS Certified Mail)

#### **BLM Lease NMNM-056541 (T.1 on Map)**

##### ***Lessee***

EOG RESOURCES, INC.  
5509 Champions Drive  
Midland, TX 79706

##### ***Operator***

RAY WESTALL OPERATING, INC. (Applicant)  
P.O. Box 4  
Loco Hills, NM 88255

#### **BLM Lease NMLC-0058650 (T.2 on Map)**

##### ***Lessee***

HOPPER BARNETT, INC.  
PO Box 1706  
Hobbs, New Mexico 88241

##### ***Operator***

- 2 BXP OPERATING, LLC  
P.O. Box 7227  
Dallas, Texas 75209  
Certified: 7018 1130 0000 8738 1868

#### **BLM Lease NMNM-027277 (T.3 on Map)**

##### ***Lessee***

- 3 CONOCO PHILLIPS  
P.O. Box 2197  
Houston, TX 77252-2197  
Certified: 7018 1130 0000 8738 1905

**C-108 ITEM XIII – PROOF OF NOTIFICATION**  
**AFFECTED PARTIES LIST (CONT.)**

**BLM Lease NMLC-0006245 (T.4 on Map)**

***Lessee***

TRIGG OIL & GAS, LP  
P.O. Box 520  
Roswell, NM 88202

***Operators***

RAY WESTALL OPERATING, INC. (Applicant)  
P.O. Box 4  
Loco Hills, NM 88255

- 4 TANDEM ENERGY  
5065 Westheimer Rd., Ste.920  
Houston, TX 77056  
Certified: 7018 1130 0000 8738 1912

**State Lease V0-0064-004 (T.5 on Map)**

***Lessee & Operator***

- 5 CHEVRON USA, INC.  
6301 Deauville Blvd.  
Midland, TX 79706  
Certified: 7018 1130 0000 8738 1974

**BLM Lease NMNM-125166, 113406, 124209 (T.6, T.7 and T.8 on Map)**

***Lessee & Operator***

- 6 CIMAREX ENERGY COMPANY  
600 N. Marienfeld St., Ste.600  
Midland, TX 79701  
Certified: 7018 1130 0000 8738 1936

**BLM Lease NMNM-027276 (T.9 on Map)**

***Lessees***

Multiple Parties

***Operators***

BXP OPERATING, LLC  
P.O. Box 7227  
Dallas, Texas 75209

- 7 CFM OIL COMPANY  
P.O. Box 1176  
Artesia, NM 88210  
Certified: 7018 1130 0000 8738 1943

**BLM Lease NMLC-0028978B (T.10 on Map)**

***Lessees***

Multiple Parties

***Operators***

BXP OPERATING, LLC  
P.O. Box 7227  
Dallas, Texas 75209

## **C-108 ITEM XIII – PROOF OF NOTIFICATION AFFECTED PARTIES LIST (CONT.)**

### **BLM Lease NMLC-0028978B (T.10 on Map)**

#### ***Operators***

- 8 MEWBOURNE OIL COMPANY  
P.O. Box 7698  
Tyler, TX 75711  
Certified: 7018 1130 0000 8738 1950

### **OFFSET MINERALS OWNERS (Notified via USPS Certified Mail)**

- |   |  |   |
|---|--|---|
| 9 | STATE OF NEW MEXICO<br>Oil, Gas and Minerals Division<br>310 Old Santa Fe Trail<br>Santa Fe, NM 87504<br>Certified: 7018 1130 0000 8738 1967 | U.S. DEPARTMENT OF INTERIOR<br>Bureau of Land Management<br>Oil & Gas Division<br>620 E. Greene St.<br>Carlsbad, NM 88220 |
|---|--|---|

### **REGULATORY**

NEW MEXICO OIL CONSERVATION DIVISION  
1220 S. St. Francis Dr.  
Santa Fe, NM 87505  
**FILED VIA OCD ONLINE E-PERMITTING**

NEW MEXICO OIL CONSERVATION DIVISION  
811 South First St.  
Artesia, NM 88210

U.S. DEPARTMENT OF INTERIOR  
Bureau of Land Management  
Oil & Gas Division  
620 E. Greene St.  
Carlsbad, NM 88220

December 30, 2021

**NOTIFICATION TO INTERESTED PARTIES**  
**via U.S. Certified Mail**

To Whom It May Concern:

Ray Westall Operating, Inc., Loco Hills, New Mexico, has made application to the New Mexico Oil Conservation Division to convert for salt water disposal the Benson 34 Federal Well No.1. The proposed commercial operation will be for produced water disposal from area operators. As indicated in the notice below, the well is located in Section 34, Township 18 South, Range 30 East in Eddy County, New Mexico.

The published notice states that the interval will be from 3420 feet to 4180 feet in the lower Grayburg and San Andres formations.

Following is the notice published in the Artesia Daily Press, Artesia, New Mexico on or about December 23, 2021.

**LEGAL NOTICE**

Ray Westall Operating, Inc., P.O. Box 4, Loco Hills, NM 88255 is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division for administrative approval to permit for salt water disposal in its Benson 34 Federal Well No.1. The well, API No.30-015-25771 is located 1650 FSL & 1650 FEL in Section 34, Township 18 South, Range 30 East in Eddy County, New Mexico. Produced water from area production will be commercially disposed into the Lower Grayburg and San Andres formations through perforations between a maximum top of 3420 feet to maximum depth of 4180 feet (specific perforated intervals to be determined based on logs) at a maximum injection pressure of 684 psi and a maximum rate of 3500 bwpd and an average rate of 1500 bwpd.

Interested parties wishing to object to the proposed application must file with the New Mexico Oil Conservation Division, 1220 St. Francis Dr., Santa Fe, NM 87505, (505)476-3460 within 15 days of the date of this notice. Additional information may be obtained from the applicant's agent, SOS Consulting, LLC, (903)488-9850 or, email [info@sosconsulting.us](mailto:info@sosconsulting.us).

**You have been identified as a party who may be interested as an offset lessee or operator.**

You are entitled to a full copy of the application. A full printed copy will be sent via FedEx or U.S. mail when the C-108 is completed in a few days.

Thank you for your attention in this matter.

Best regards,



Ben Stone, SOS Consulting, LLC  
Agent for Ray Westall Operating, Inc.

Cc: Application File

# C-108 - Item XIV

## Proof of Notice (Certified Mail Receipts)

7018 1130 0000 8738 1875

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City, State  
PS Form

Bureau of Land Management  
Oil & Gas Division  
620 E. Greene St.  
Carlsbad, NM 88220

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<input type="checkbox"/> Adult Signature Restricted Delivery	\$
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City, State  
PS Form

BXP OPERATING, LLC  
P.O. Box 7227  
Dallas, Texas 75209

Postmark Here

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Total Postage and Fees	7.38

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

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<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and Fees	7.38

Sent To  
Street and  
City, State  
PS Form

TANDEM ENERGY  
5065 Westheimer Rd., Ste. 920  
Houston, TX 77056

Postmark Here



# C-108 - Item XIV

Proof of Notice (Certified Mail Receipts – cont.)

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Sent To CHEVRON USA, INC.

Street and Apt. No., or PO Box No. 6301 DEARVILLE BLVD.

City, State, ZIP+4® MIDLAND, TX 79706

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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JAN 10 2022

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Postage \$

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Sent To CFM OIL COMPANY

Street P.O. Box 1176

City, State, ZIP+4® Artesia, NM 88210

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Postmark Here  
DEC 30 2021

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Total Postage and Fees \$ 7.38

Sent To CIMAREX ENERGY COMPANY

Street 600 N. Marienfeld St., Ste.600

City, State, ZIP+4® Midland, TX 79701

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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DEC 30 2021

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☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$ 7.38

Sent To MEWBORNE OIL COMPANY

Street P.O. Box 7698

City, State, ZIP+4® Tyler, TX 75711

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Postmark Here  
DEC 30 2021

7018 1130 0000 8738 1967

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$ 7.38

Sent To STATE OF NEW MEXICO

Street Oil, Gas and Minerals Division

City, State, ZIP+4® 310 Old Santa Fe Trail  
Santa Fe, NM 87504

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

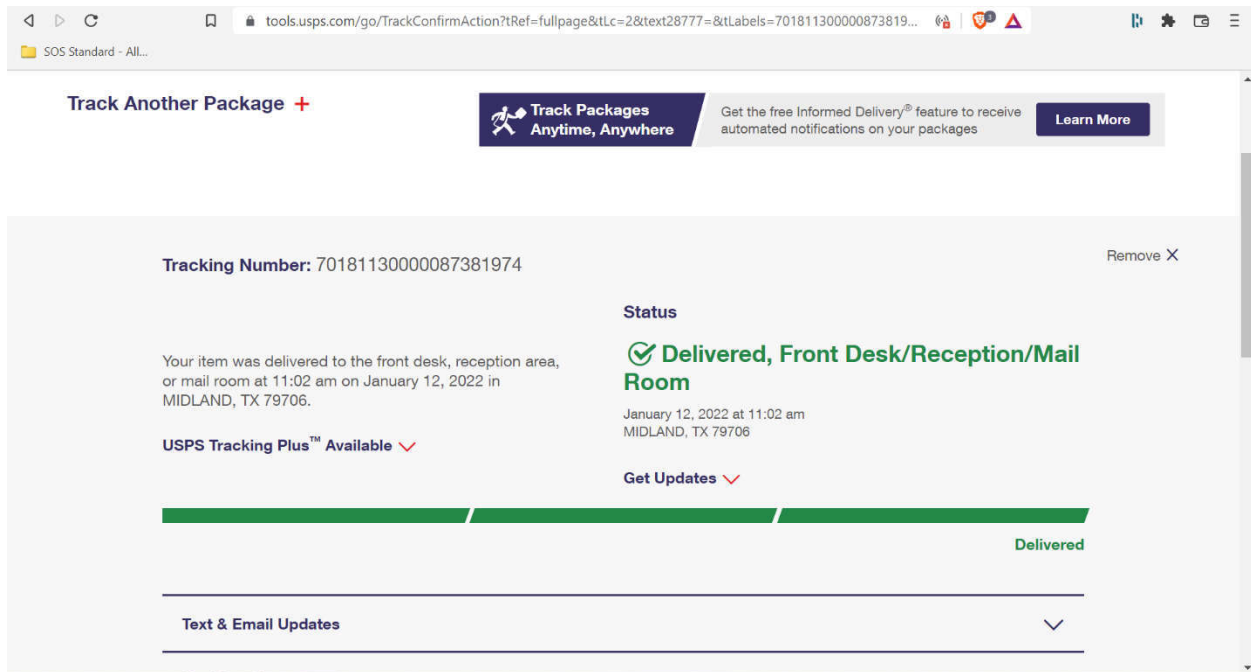
Postmark Here  
DEC 30 2021

## C-108 - Item XIV

Proof of Notice (Certified Mail Return Receipts)

*From USPS.com Tracking Website*

CHEVRON USA, INC.



The screenshot shows the USPS tracking website interface. At the top, there's a navigation bar with a "Track Another Package" link and a "Track Packages Anytime, Anywhere" button. Below this, the tracking number 70181130000087381974 is displayed. The status is "Delivered, Front Desk/Reception/Mail Room" with a green checkmark icon. The delivery date and time are "January 12, 2022 at 11:02 am" in "MIDLAND, TX 79706". A progress bar at the bottom is green and labeled "Delivered".

Tracking Number: 70181130000087381974

Status

✓ Delivered, Front Desk/Reception/Mail Room

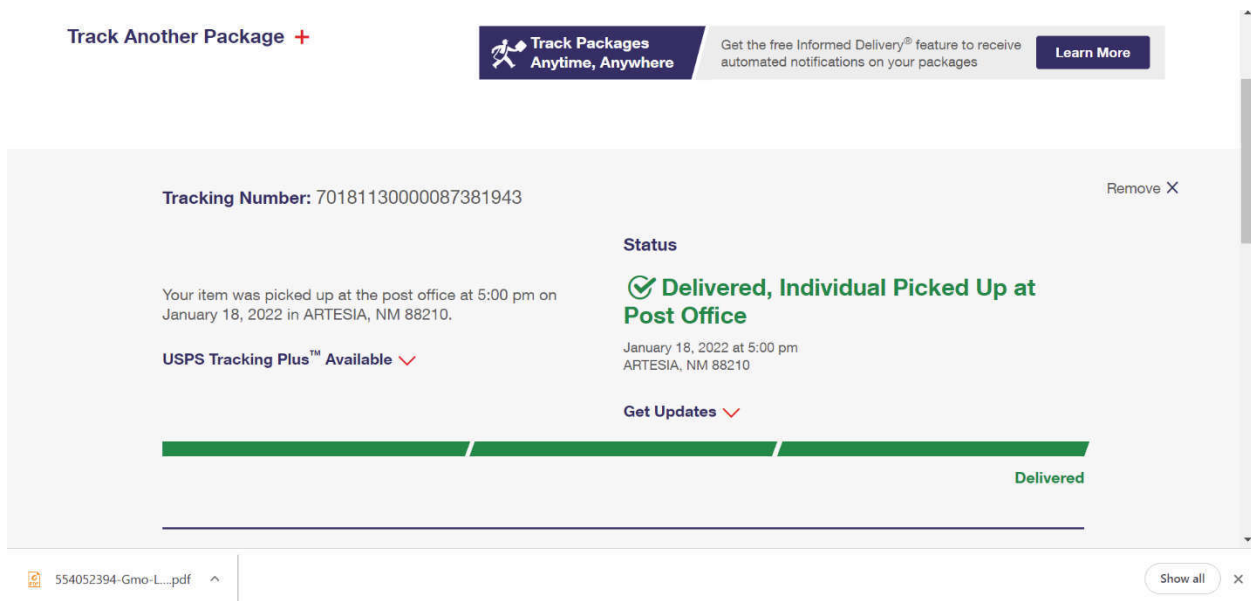
January 12, 2022 at 11:02 am  
MIDLAND, TX 79706

USPS Tracking Plus™ Available ✓

Get Updates ✓

Delivered

CFM OIL COMPANY



The screenshot shows the USPS tracking website interface. At the top, there's a navigation bar with a "Track Another Package" link and a "Track Packages Anytime, Anywhere" button. Below this, the tracking number 70181130000087381943 is displayed. The status is "Delivered, Individual Picked Up at Post Office" with a green checkmark icon. The delivery date and time are "January 18, 2022 at 5:00 pm" in "ARTESIA, NM 88210". A progress bar at the bottom is green and labeled "Delivered".

Tracking Number: 70181130000087381943

Status

✓ Delivered, Individual Picked Up at Post Office

January 18, 2022 at 5:00 pm  
ARTESIA, NM 88210

USPS Tracking Plus™ Available ✓

Get Updates ✓

Delivered

## Affidavit of Publication

No. 25977

State of New Mexico Publisher

County of Eddy:

**Danny Scott**

being duly sworn says that he is the Publisher

of the Artesia Daily Press, a daily newspaper of General circulation, published in English at Artesia, said county and state, and that the hereto attached

### Legal Ad

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for

1 Consecutive weeks/day on the same day as follows:

First Publication December 23, 2021

Second Publication

Third Publication

Fourth Publication

Fifth Publication

Sixth Publication

Seventh Publication

Subscribed and sworn before me this

23rd day of December 2021



OFFICIAL SEAL  
Latisha Romine  
NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires: 5/12/2023

*Latisha Romine*

Latisha Romine

Notary Public, Eddy County, New Mexico

## Copy of Publication:

### Legal Notice

Ray Westall Operating, Inc., P.O. Box 4, Loco Hills, NM 88255 is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division for administrative approval to permit for salt water disposal in its Benson 34 Federal Well No.1. The well, API No.30-015-25771 is located 1650 FSL & 1650 FEL in Section 34, Township 18 South, Range 30 East in Eddy County, New Mexico. Produced water from area production will be commercially disposed into the Lower Grayburg and San Andres formations through perforations between a maximum top of 3420 feet to maximum depth of 4180 feet (specific perforated intervals to be determined based on logs) at a maximum injection pressure of 684 psi and a maximum rate of 3500 bwpd and an average rate of 1500 bwpd.

Interested parties wishing to object to the proposed application must file with the New Mexico Oil Conservation Division, 1220 St. Francis Dr., Santa Fe, NM 87505, (505)476-3460 within 15 days of the date of this notice. Additional information may be obtained from the applicant's agent, SOS Consulting, LLC, (903)488-9850, info@sosconsulting.us.

Published in the Artesia Daily Press, Artesia, N.M., Dec. 23, 2021 Legal No. 25977.



District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (505) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office  
☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-25771		<sup>2</sup> Pool Code 96110		<sup>3</sup> Pool Name SWD; Grayburg-San Andres	
<sup>4</sup> Property Code TBD		<sup>5</sup> Property Name Benson 34 Federal			<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 119305		<sup>8</sup> Operator Name Ray Westall Operating, Inc.			<sup>9</sup> Elevation 3477'

<sup>10</sup> Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	34	18S	30E		1650'	FSL	1650'	FEL	Eddy

<sup>11</sup> 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
same									
<sup>12</sup> Dedicated Acres n/a		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No. SWD pending			

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.

<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION			
	<i>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 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.</i>			
	 Signature		1/22/2022 Date	
	Ben Stone Printed Name ben@sosconsulting.us E-mail Address			
<sup>18</sup> SURVEYOR CERTIFICATION <i>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.</i>				
April 9, 1987 Date of Survey				
Signature and Seal of Professional Surveyor:  John West 676 Certificate Number				



# WELL SCHEMATIC - PROPOSED Benson 34 Federal Well No.1 SWD

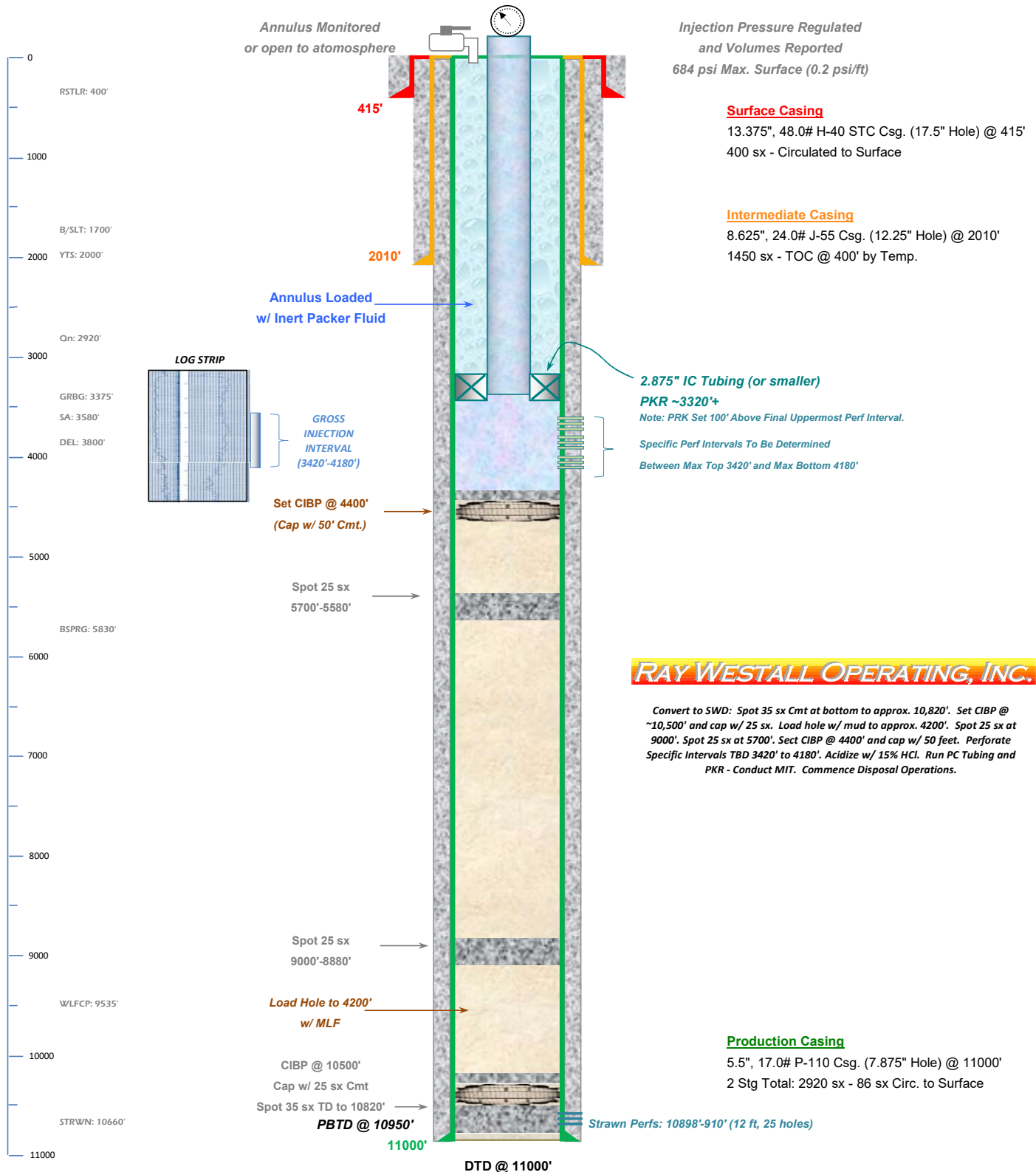
SWD; Grayburg-San Andres (96110)

API 30-015-25771

1650' FSL & 1650' FEL, SEC. 34-T18S-R30E  
EDDY COUNTY, NEW MEXICO

Spud Date: 5/11/1987

Config SWD Dt (Est): ~4/15/2



Drawn by: Ben Stone, 1/12/2022

