

C-108 APPLICATION FOR AUTHORIZATION TO INJECT ADMINISTRATIVE COMPLETENESS FORM

Well Name:	
Applicant:	
Action ID:	
Admin. App. No:	

C-108 Item	Description of Required Content	Yes	No
I. PURPOSE	Selection of proper application type.		
II. OPERATOR	Name; address; contact information.		
	Well name and number; STR location; footage location within section.		
	Each casing string to be used, including size, setting depth, sacks of cement, hole size, top of cement, and basis for determining top of cement.		
	Description of tubing to be used including size, lining material, and setting depth.		
III. WELL DATA	Name, model, and setting depth of packer to be used, or description of other seal system or assembly to be used.		
	Well diagram: Existing (if applicable).		
	Well diagram: Proposed (either Applicant's template or Division's Injection Well Data Sheet).		
IV. EXISTING PROJECT	For an expansion of existing well, Division order number authorizing existing well (if applicable).		
V. LEASE AND WELL MAP	AOR map identifying all wells and leases within 2 mile radius of proposed well, and depicting a 1/2 mile radius circle around any another projected injection well and a 1 mile radius circle around any other projected injection well in the Devonian formation.		
VI. AOR WELLS	Tabulation of data for all wells of public record within AOR which penetrate the proposed injection zone, including well type, construction, date drilled, location, depth, and record of completion.		
	Schematic of each plugged well within AOR showing all plugging detail.		
	Proposed average and maximum daily rate and volume of fluids to be injected.		
	Statement that the system is open or closed.		
	Proposed average and maximum injection pressure.		
VII. PROPOSED OPERATION	Sources and analysis of injection fluid, and compatibility with receiving formation if injection fluid is not produced water.		
	A chemical analysis of the disposal zone formation water if the injection is for disposal and oil or gas is not produced or cannot be produced from the formation within 1 mile of proposed well. Chemical analysis may be based on sample, existing literature, studies, or nearby well.		
	Proposed injection interval, including appropriate lithologic detail, geologic name, thickness, and depth.		
VIII. GEOLOGIC DATA	USDW of all aquifers overlying the proposed injection interval, including geologic name and depth to bottom.		
	USDW of all aquifers underlying the proposed injection interval, including including the geologic name and depth to bottom.		



C-108 (SWD) APPLICATION FOR AUTHORIZATION TO INJECT ADMINISTRATIVE COMPLETENESS FORM

Well Name:	
Applicant:	
PO Number:	
Admin. App. No:	

C-108 Item	Description of Required Content	Yes	No			
IX. PROPOSED STIMULATION Description of stimulation process or statement that none will be conducted. Appropriate logging and test data on the proposed well or identification of well logs already filed with OCD. Chemical analysis of fresh water from two or more fresh water wells (if available and producing) within 1 mile of the proposed well, including location and sampling date(s). XII. AFFIRMATION STATEMENT Statement of qualified person endorsing the application, including name, title, and qualifications. Identify of all "affected persons" identified on AOR map in Section V, including all affected persons within 1/2 mile radius circle around any another projected injection well and a 1 mile radius circle around any other projected injection well in the Devonian formation. Identification and notification of all surface owners. BLM and/or NMSLO notified per 19.15.2.7(A)(8)(d) NMAC. XIII. PROOF OF NOTICE Notice of publication in local newspaper in county where proposed well is located with the following specific content: Name, address, phone number, and contact party for Applicant; Intended purpose of proposed injection wel, including exact location of a single well, or the section, township, and range location of multiple wells; Formation name and depth, and expected maximum injection rates and pressures; and						
IX. PROPOSED STIMULATION Description of stimulation process or statement that none will be conducted. Appropriate logging and test data on the proposed well or identification of well logs already filed with OCD. Chemical analysis of fresh water from two or more fresh water wells (if available and producing) within 1 mile of the proposed well, including location and sampling date(s). XII. AFFIRMATION STATEMENT Statement of qualified person endorsing the application, including name, title, and qualifications. Identify of all "affected persons" identified on AOR map in Section V, including all affected persons within 1/2 mile radius circle around any another projected injection well in the Devonian formation. Identification and notification of all surface owners. BLM and/or NMSLO notified per 19.15.2.7(A)(8)(d) NMAC. Notice of publication in local newspaper in county where proposed well is located with the following specific content: Name, address, phone number, and contact party for Applicant; Intended purpose of proposed injection wel, including exact location of a single well, or the section, township, and range location of multiple wells; Formation name and depth, and expected maximum injection rates and pressures; and Notation that interested parties shall file objections or requests for hearing with OCD no later than 15 days after the admin completeness determination.						
XI. FRESH WATER	and producing) within 1 mile of the proposed well, including location and					
	1					
	all affected persons within 1/2 mile radius circle around any another projected injection well and a 1 mile radius circle around any other projected injection well					
	Identification and notification of all surface owners.					
7	BLM and/or NMSLO notified per 19.15.2.7(A)(8)(d) NMAC.					
	Name, address, phone number, and contact party for Applicant;					
	Formation name and depth, and expected maximum injection rates and					
	, , , , , , , , , , , , , , , , , , , ,					
XIV. CERTIFICATION	Signature by operator or designated agent, including date and contact information.					

Review Date*:	Reviewer:
○ Administratively COMPLETE	

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NOTES:

^{*} The Review Date is the date of administrative completeness determination that commences the 15 day protest period in 19.15.26.8 (C)(2) NMAC.

RECEIVED:	REVIEWER:	TYPE:	APP NO:	
	- Geologi	ABOVE THIS TABLE FOR OCD I CO OIL CONSERV cal & Engineering rancis Drive, Sant	ATION DIVISION g Bureau –	STATE OF NEW SOCIO
	ADMINIST	RATIVE APPLICAT	ION CHECKLIST	
	THIS CHECKLIST IS MANDATORY FOR A REGULATIONS WHICH R		ATIONS FOR EXCEPTIONS TO D E DIVISION LEVEL IN SANTA FE	ivision rules and
Applicant: <u>R</u>	ay Westall Operating, Inc.			Number: <u>119305</u>
	enson 34 Federal SWD No.1		API:	
Pool:SV	WD; Grayburg-San Andres		Pool Co	de: 96110
1) TYPE OF A	CURATE AND COMPLETE IN PPLICATION: Check those tion – Spacing Unit – Simul	INDICATED BELOWHICH apply for [A	OW A]	E TYPE OF APPLICATION
7 2000	□NSL □ NSP _{(P}		SP(PRORATION UNIT) SD	
[] C [] 2) NOTIFICAT	ck one only for [1] or [1] commingling – Storage – N DHC DTB F njection – Disposal – Press WFX PMX S TION REQUIRED TO: Check fiset operators or lease ho	PLC PC C ure Increase – Enha WD IPI E those which apply	anced Oil Recovery	FOR OCD ONLY Notice Complete
C. Ap D. Mo E. Mo F. Su G. Fo	eyalty, overriding royalty of oplication requires publish oblification and/or concurrentification and/or concurrentace owner or all of the above, proof concurred on the object of the concurrent of the concurren	red notice rent approval bySl rent approval byBl	LO LM	Application Content Complete d, and/or,
administra understan	TION: I hereby certify that tive approval is accurate d that no action will be tons are submitted to the Di	and complete to taken on this applica	the best of my knowl	edge. I also
	Note: Statement must be compl	eted by an individual with	h managerial and/or supervi	isory capacity.
			1/22/2022	
Ben Stone			Date	
Print or Type Na	me		903-488-9850	
20			Phone Number	
Signature			ben@sosconsulting.u e-mail Address	ıs



Oil & Gas Accounting - Regulatory Processing Assistance - Oil Field Technical Assistance

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 covert 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,

Ben Stone, Partner SOS Consulting, LLC

Agent for Ray Westall Operating, Inc.

Cc: Application attachment and file

P.O. Box 300 Como, Texas 75431 903-488-9850 Fax 866-400-7628 info@sosconsulting.us

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505 FORM C-108 Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: 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:

Page 2

- 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.

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.

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<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

<u>District II</u> 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

<u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

District IV

same

12 Dedicated Acres

n/a

³ Joint or Infill

⁴ Consolidation Code

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

X AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	API Number -015-25			² Pool Code 96110		SI	³ Pool Na WD; Graybur		∖ndres	
⁴ Property 0	Code		•		⁵ Property 1	Name			6 V	Well Number
TBD		Benson 34 Federal							1	
7 OGRID	No. 8 Operator Name							⁹ Elevation		
11930)5	Ray Westall Operating, Inc.							3477'	
¹⁰ Surface Location							_			
UL or lot no.	Section	on 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 Edd					Eddy			
			11 Во	ttom Hol	e Location If	Different Fron	n Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East	/West line	County

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.

SWD pending

Order No.

			· · · · · · · · · · · · · · · · · · ·
16			17 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 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.
			1/00/0000
			Sen Jun 1/22/2022
			Signature Date
			Ben Stone
			Printed Name
			ben@sosconsulting.us
			E-mail Address
			10CLIDVEVOD CEDTIEICATION
			*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
		1650'	same is true and correct to the best of my belief.
	°	+	
			April 9, 1987
			Date of Survey
			Signature and Seal of Professional Surveyor:
	1650'		
	7000		
			Jaha Masa
			John West
			676
].		Certificate Number
	Ψ		

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.

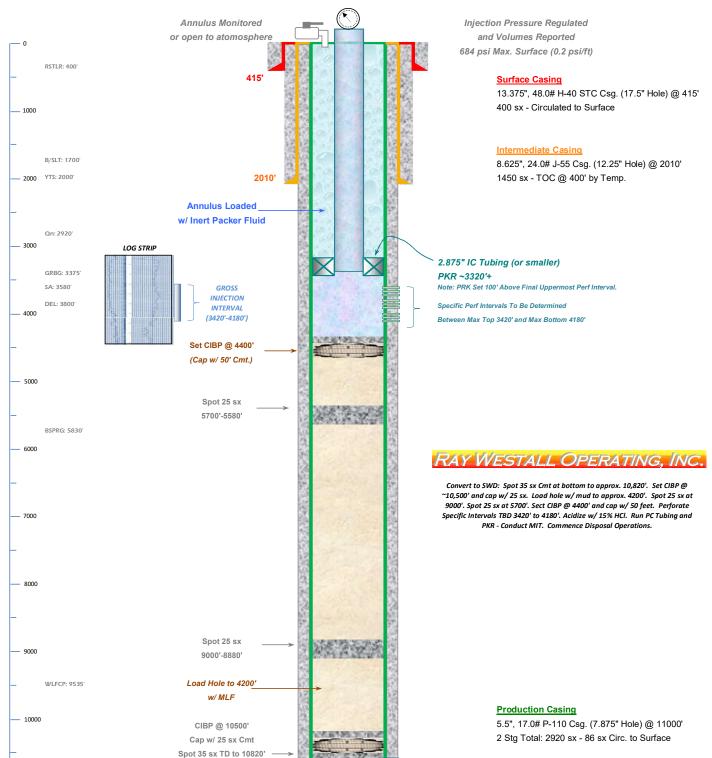


WELL SCHEMATIC - PROPOSED Benson 34 Federal Well No.1 SWD

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





Strawn Perfs: 10898'-910' (12 ft, 25 holes)

PBTD @ 10950'

11000

DTD @ 11000'

STR\Y/N: 10660

11000

Form C-108 Item VI - Tabulation of AOR Wells

	Top of Proposed GRBG/SA Interval 3420'				ALL We	Ils Penetrate	ALL Wells Penetrate Proposed Interval.	al.	
API Subject Well	Current Operator	Well Name	Well No.	Туре	Lease	Status	ULSTR	TV Depth	TV Depth Plugged On
30-015-25771	[119305] RAY WESTALL OPERATING, INC.	BENSON 34 FEDERAL	#001	Gas	Federal	Active	J-34-18S-30E	11000'	
Section 34 Wells									
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	iö	Federal	P&A-R	G-34-18S-30E	3100	10/1/2003
30-015-38984	[14744] MEWBOURNE OIL CO	DORADO 34 FEDERAL COM	#001H	lio	Federal	Active	I-34-18S-30E	8509	
30-015-10534	[214263] PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	lio	Federal	P&A-R	K-34-18S-30E	3223	1/1/1900
30-015-26598	[119305] RAY WESTALL OPERATING, INC.	GATES FEDERAL	900#	lio	Federal	Active	P-34-18S-30E	3458	
Section 35 Wells									
30-015-26267	[119305] RAY WESTALL OPERATING, INC.	TRIGG FEDERAL	#00	iö	Federal	Active	M-35-18S-30E	4500	
30-015-26268	[119305] RAY WESTALL OPERATING, INC.	TRIGG FEDERAL	600#	I	Federal	Active	L-35-18S-30E	4529'	
Section 3 Wells									
30-015-26260	[147179] CHESAPEAKE OPERATING, INC.	BENSON 3 FEDERAL	#005	li O	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	iö	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

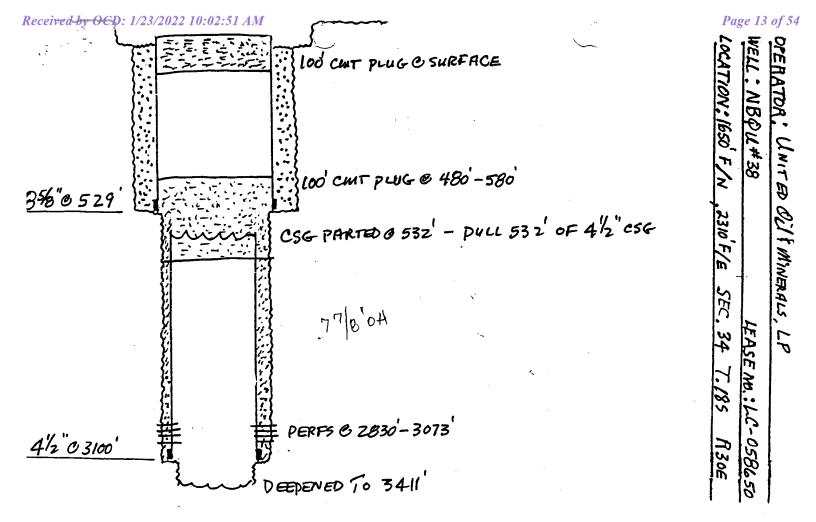
There are 4 P&A'd Wells Within the AOR Which Penetrates the Proposed Injection Zone.

Well Diagrams follows this page...

OCD-ARTESIA

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007 BUREAU OF LAND MANAGEMENT 5. Lease Serial No. L.C. 089650							
SUNDRY NOTICES AND REP Do not use this form for proposals to abandoned well. Use Form 3160-3 (A	drill or to re-enter an	6. If Indian, Allottee or Tribe Name					
SUBMIT IN TRIPLICATE- Other instru	uctions on reverse side.	7. If Unit or CA/Agreement, Name and/or No.					
1. Type of Well Gas Well Other	RECEIVED	North Benson Queen Unit					
	DEC 2 3 2005	8. Well Name and No. North Benson Queen Unit #38					
2. Name of Operator Arena Resources, Inc.	3b. Phone No. (include area code)	9. API Well No. 30-015-04565					
3a. Address 4920 South Lewis, Suite 107 Tulsa, OK 74105	918-747-6060	10. Field and Pool, or Exploratory Area					
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		Queen					
1650' FNL; 2310 FEL, Sec. 34, T18S, R30E		11. County or Parish, State					
		Eddy County, NM					
12. CHECK APPROPRIATE BOX(ES) TO I	NDICATE NATURE OF NOTICE, RI	EPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION						
Notice of Intent After Casing	Deepen Production (Star	· —					
	Fracture Treat Reclamation New Construction Recomplete	Well Integrity Other					
Change Plans	Change Plans Plug and Abandon Temporarily Abandon						
Final Abandonment Notice Convert to Injection	Plug Back Water Disposal						
following completion of the involved operations. If the operation retesting has been completed. Final Abandonment Notices shall be find 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 & tbg. Could not get into csg. RIH w 4-9-02 RIH w/ Muleshoe w/ 15 deg bend, could not work Mechanical Set CICR. Set CICR @ 516'. RU BJ Pull out of retainer, circ hole w/ 33 Bbl. mud. Spo 100' to surface. Plate has been welded on and marker is installed.	led only after all requirements, including reclama 1/4.5" over-shot, could not catch csg. into csg. POOH & lay down 2.375" tbg. I Service Co. Pump 300 sx Cl "C" (71 Bb) at 25 sx cmt (100") plug on top of retainer 5	tion, have been completed, and the operator has RIH w/ 2.875" Rental string w/ Baker 5AA l. slurry) @ 324 psi, disp w/ 2.9 Bbl. water					
Report has been reconstructed from work tickets and fiel	d notes.						
	Approved as to Liability under b suri ace restorati	plugging of the well bore. and is retained until on is competed.					
		Accepted for record NMOCD					
 I hereby certify that the foregoing is true and correct Name (Printed/Typed) 							
Mike Barnhart	Title Production Manager	·					
Signature Misse Burnhart	Date 12-9-05						
	EDERAL OR STATE OFFICE	USE					
Approved by Conditions of approval, if any, are attached. Approval of this notice de	pes not warrant or	NGIMEER DEC 21 2005					
certify that the applicant holds legal or equitable title to those rights in which would entitle the applicant to conduct operations thereon.							
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a States any false, fictitious or fraudulent statements or representations as	rime for any person knowingly and willfully to to anymatter within its jurisdiction.	o make to any department or agency of the United					

(Instructions on page 2)



P+A APPROVED LiBabyak 03/14/02



Texaco Federal #1

API 30-015-10534 Spud Date: 1/20/1965 2310' FSL & 1650' FWL, SEC. 34-T18S-R30E P&A Date: 10/28/1966 EDDY COUNTY, NEW MEXICO Well Plugged by: Hammond Drilling Co. P&A Marker <PLUGGING ITEMS LISTED LEFT> G.L. 3450' <PRE-P&A EXISTING ITEMS LISTED RIGHT> Spot 20' PLUGS: Surface Casing 20'-0' 8.675", 20.0# Csg. (11.0" Hole) @ 639' 100 sx to Surface (NR) Spot 33 sx Cmt 700'-600' 639' <P&A SUBSEQUENT SUNDRY> LITED STATES DEPARTMENT OF THE INTERIOR CONTROL IN 1 GEOLOGICAL SURVEY Form 9-331 SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different "Use "APPLICATION FOR PREMIT—" for such proposals.) OIL GAS GAS OTHER ond Drilling Texaso Fed. Hammond prilling Co. 2310/s 1650/w 34-T-188-R-30E 14. PERMIT NO. 15. BLEVATIONS (Show whether DF, BT, GR, etc.) Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data Spot 33 sx Cmt 1650'-1550' Completion or COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent of the continuation of the continu Have pluged wellas follows: set cement plugs from 2900-2300 with 33 sac 1 1650-1550 "" 53 " 700-600 2 " 33saak 20 "" Space between plugs filled with heavy mud. Regulation mat 4' above ground. Marker as follows: Hammon RECEIVED FEB 1 4 1967 CI. CI. CI. for Part of State (ffice use) Load Hole w/ MLF *See Instructions on Reverse Side (Heavy Mud) **NOT SET Production Casing** 8.25" Hole @ 3250' Spot 33 sx Cmt 2900'-2800' Drawn by: Ben Stone, 12/31/2021 DTD @ 3250'

Workover Proposal Chesapeake **BENSON 3 FEDERAL 2**

Field:

SEC 3, 19S-30E, 330 FNL & 480 FEL EDDY County: **NEW MEXICO** State:

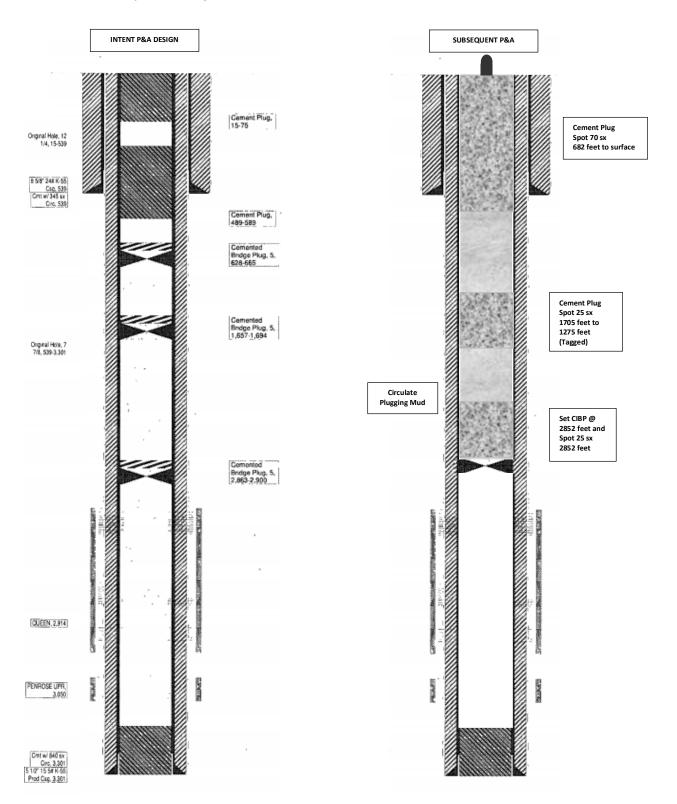
Location: SiteInspection: Go South on Hwy 222, turn Right on Grubbs Rd for 4.3,

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 Propterty #: 891329 1st Prod Date: 5/1/1990 PBTD: Original Hole - 3140.0

TD: 3,301.0



FEB 2 5 2010

Form 3160-5

FORM APPROVED

OMB No. 1004-0135

Expires July 31, 1996

BUREAU OF LAND MANAGEMENT

Lease Serial No.

NM-29228

	NMOCD	ARTESIA	it use this form for propo oned well. Use form 316	sals to drill or to re-e	nter an onosals	6. (1)	ndian, Allottee or Tribe Name
	IVINO 0 -					7. If t	Init or CA/Agreement, Name and/or No.
		SUBMIT IN TRIP	LICATE - Other instructi	ons on reverse side			
	1. Type of Well Oil Well	Gas Well C	Other			8. We	ell Name and No.
•	2. Name of Operator	· · · · · · · · · · · · · · · · · · ·				Benson	3 Federal No. 1
	Cimarex Energ	gy Co. of Colorado				9. AF	l Well No.
	3a. Address	,		3b Phone No. (includ	ie area code)	30-015-	25718
	600 N. Marien	feld St., Ste. 600; Mic	dland, TX 79707	432-571-7800		10. Fie	ld and Pool, or Exploretory Area
	4. Location of Well (Footage, Sec., T., R., M., o	or Survey Description)			Benson	; Strawn (Gas)
	760 FNL & 208	80 FEL					unty or Parish, State
_	3-19S-30E					Eddy Co	ounty, NM
-	12.	CHECK APPR	ROPRIATE BOX(ES)	TO INDICATE NAT	URE OF NOTIC	CE, REPO	ORT, OR OTHER DATA
•	TYPE OF S	SUBMISSION	-		YPE OF ACTION	······································	
•		,		_			
	Notice of Inte	nt	Acidize	Deepen	Production (Start	/Resume)	Water Shut-Off
			Alter Casing	Fracture Treat	Reclamation		Well integrity
	Subsequent F	Report	Casing Repair	New Construction	Recomplete		Other
	N assertation	, sport	=				
	 3		Change Plans	Plug and Abandon	Temporarily Abar	ngon	
	Final Abando	nment Notice	Convert to Injection	Plug Back	Water Disposal		
A 2/26/2010	Attach the bond u following complet testing has been	nder which the work will be ion of the involved operatio completed. Final Abandon he site is ready for final insurance from the site is ready for final insurance from the site is ready for final insurance from the site is ready for final insurance for the site is ready for final insurance from the site is ready for final insurance from the site is ready from the si	L' EOT @ 5413.' Pumped 328' (89' above fish). Pur Richard Carrasco. 011.' RIH w/ tbg to 5000. 54' below perfs) and pum 558.' Notified Richard Car C + 2% CaCl ₂ . Did not tag	No. on file with BLM/BIA. Romultiple completion or recompletion of the recompl	equired subsequent reposition in a new intervaling reclamation, have be colored by the colored b	orts shall be fill, a Form 3160 een completer cament @ ! ged cement by Richard perf casing d 60 sx Classoaded 30 sx cepted as to illity under	ed within 30 days 14 shall be filed once th, and the operator has rasco. 5137.' Pumped 50 sx Class C + 2% 1: @ 4907.' Perfed casing @ 3880.' Carrasco. @ 1980.' RIH w/ tbg to 2045' and
;		at the foregoing is true and	correct	•			
	Name (Printed/Ty	rped)		Title			
	Zeno Farris			Manager On	erations Administr	ation > ^ =	מזרט בטט טבטטט
•	Signature		,	Date		AUUC	
	~	ieno.Fo	a			, (OOL	TED TON NEOUN
	<u> </u>	- www. F (,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	February 2, 2	2010		

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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, fictibilis or | CE

Title Office

UNITED STATES

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

DEPARTMENT OF THE INTERIOR

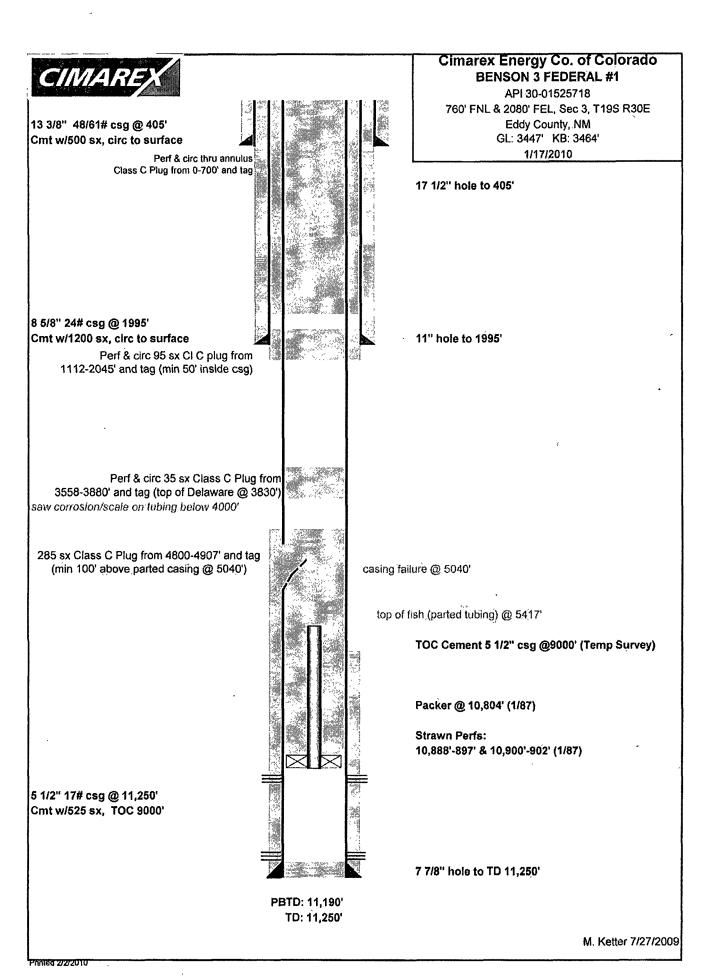
(Instructions on reverse)

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

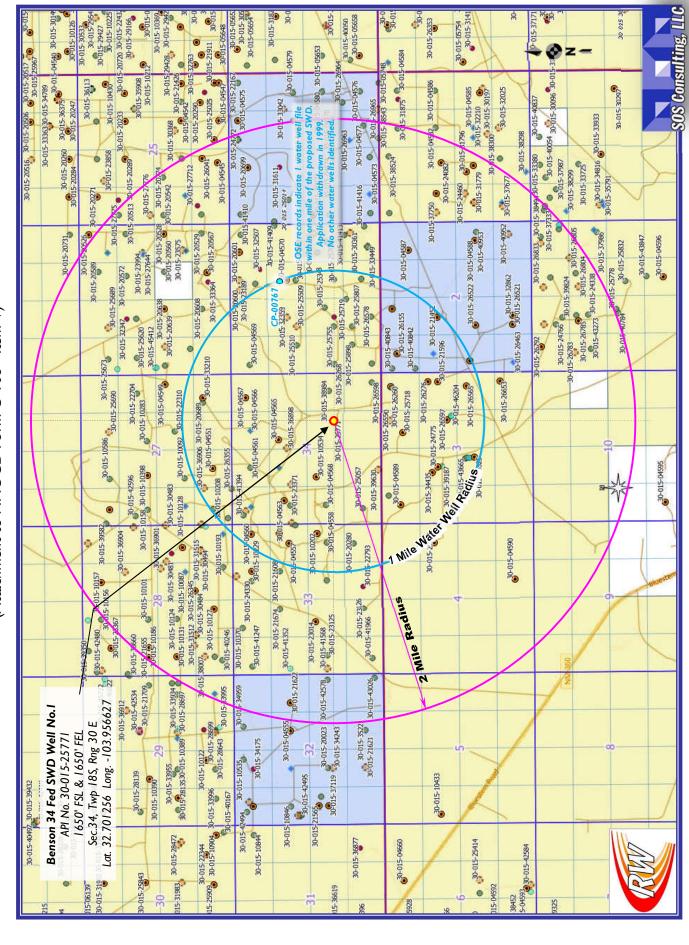
fraudulent statements or representations as to any matter within its jurisdiction.

which would entitle the applicant to conduct operations thereon.



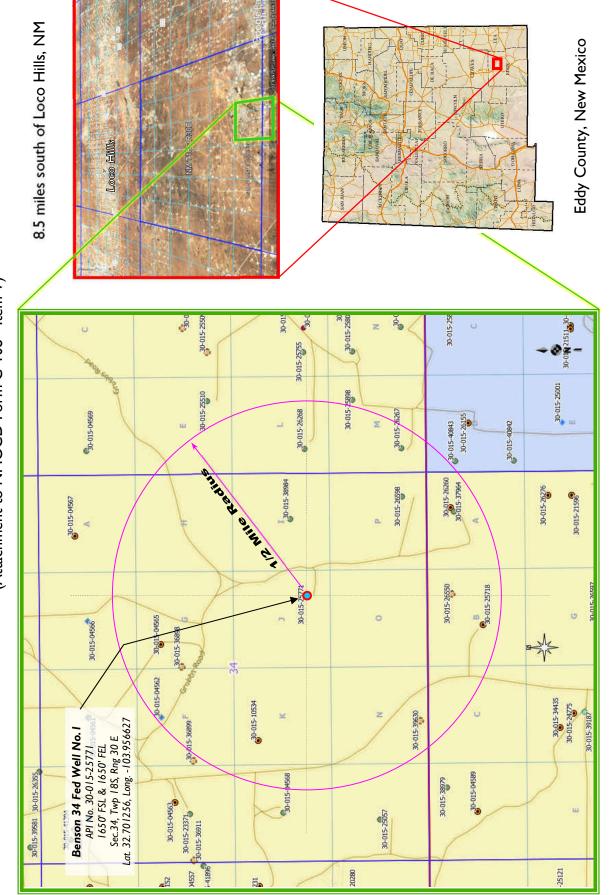
Benson 34 Federal Well No.1 SWD - Area of Review - 2 Miles

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



Benson 34 Fed Well No.1 SWD - Area of Review / Overview Map

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







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)

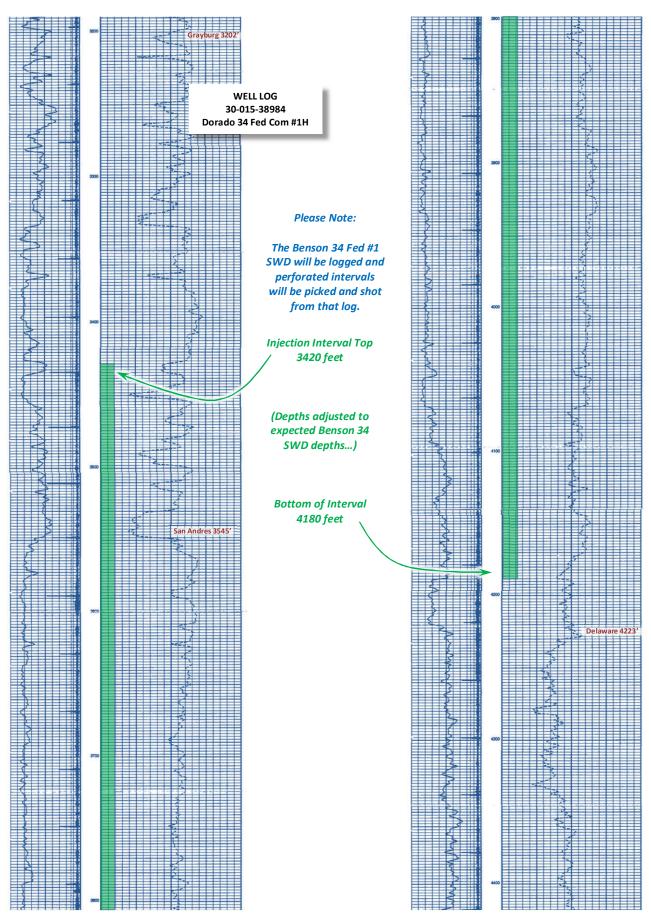
Also included is a cross section with the above mentioned well and the McClay GR #4 (API 30-015-04568) with ground level datum and the Benson 34 Fed #1 depths approximated based on distance between wells.

The final page shows the correlation between the two logs.

LOG STRIP FOLLOWS

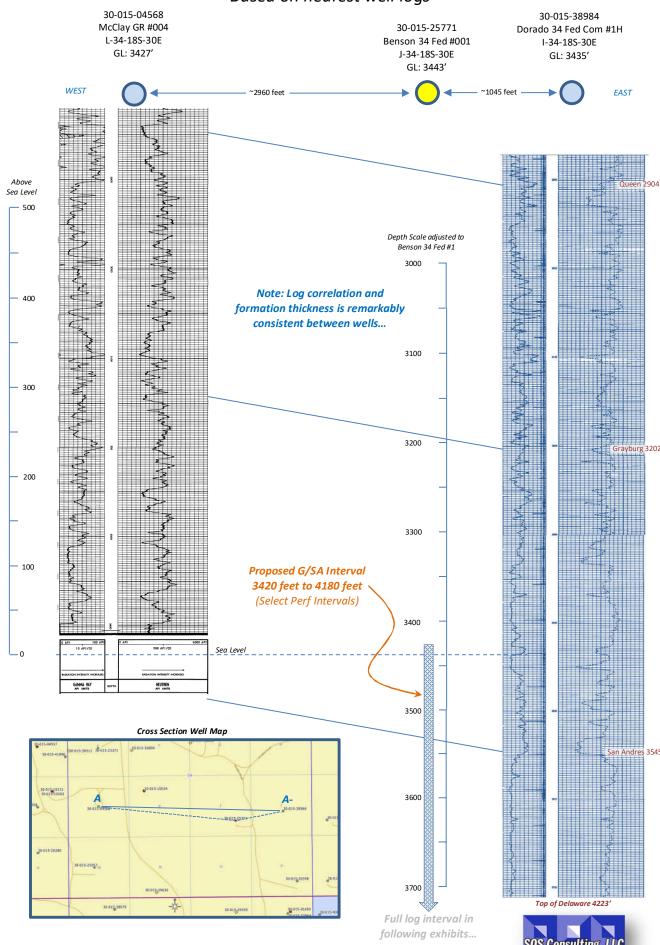
Benson 34 Federal #1 – Log Intervals; Dorado 34 Well

Intervals adjusted approximately 8 feet to Benson 34 SWD Proposed Well



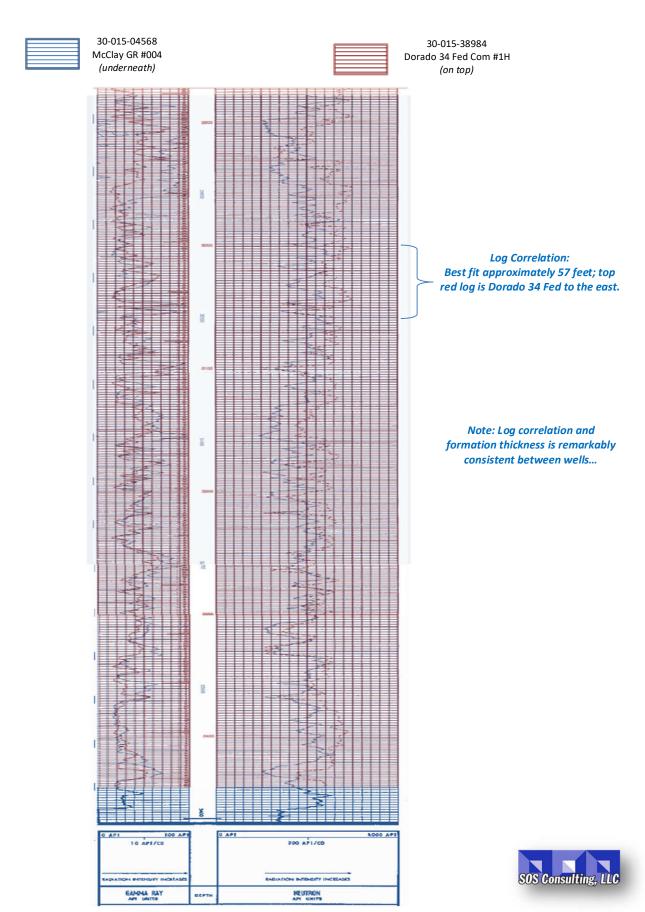
Benson 34 Federal #1 - Proposed SWD Interval

Based on nearest well logs



Benson 34 Federal #1 - Log Correlation

For Cross Section and Interval Determination



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

Lab **I**D

Sample ID

5645

API No. 3001505074

Sample No

Well Name H E WEST B 027

660

•

County

Location ULSTR 04 17 S 31 E **Lat / Long** 32.85815

1980

-103.87611

Eddy

Operator (when sampled)

Field

S

GRAYBURG JACKSON

W

Unit N

Sample Date 8/22/1961 Analysis Date

Sample Source UNKNOWN

Depth (if known)

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

1514

603

iron_mgL

sulfate_mgL

barium_mgL

hydroxide_mgL

magnesium_mgL

h2s_mgL

potassium_mgL

co2_mgL

strontium_mgL

o2_mgL

manganese_mgL

anionremarks

Remarks



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

Lab ID

Sample ID

5183

API No. 3001505488 Well Name

STATE M 002

S 31

Sample No

17

-103.89658

330 N 990 W

Eddy County

Operator (when sampled)

Location ULSTR 32

Unit D

Sample Date Analysis Date

Ε

Sample Source UNKNOWN

Depth (if known)

Water Type

ph

alkalinity_as_caco3_mgL

ph_temp_F

hardness_as_caco3_mgL

specificgravity

hardness_mgL

Lat / Long 32.79734

specificgravity_temp_F

resistivity_ohm_cm

tds_mgL

154459

resistivity_ohm_cm_temp

tds_mgL_180C

conductivity

94010 chloride_mgL

conductivity_temp_F

sodium_mgL

carbonate_mgL

calcium_mgL

bicarbonate_mgL

iron_mgL

sulfate_mgL

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.)



763

1648

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

SOURCE ZONE

DEL MTN Lab ID

API No. 3001510288 **Sample ID** 2277

Well Name KEOHANE ETAL C FED 002 Sample No

Location ULSTR 28 18 S 31 E **Lat / Long** 32.71908 -103.86646

2310 N 330 E **County** Eddy

Operator (when sampled)

Field SHUGART Unit H

Sample Date Analysis Date

Sample Source UNKNOWN Depth (if known)

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 co2_mgL

strontium_mgL o2_mgL

manganese_mgL anionremarks

Remarks



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

DISPOSAL ZONE

GRAYBURG-SAN ANDRES	
---------------------	--

API No. 3002533264 **Sample ID** 5893

Well Name CAPROCK MALJAMAR UNIT 147

Location ULSTR 13 17 S 32 E **Lat / Long** 32.83054 -103.71102

1297 S 103 E **County** Lea

Lab ID

Operator (when sampled) WISER OIL COMPANY

Field MALJAMAR Unit P

Sample Date 5/21/1998 Analysis Date 6/8/1998

Sample Source Depth (if known)

Water Type

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

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



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

DISPOSAL ZONE

GRAYBURG-SAN ANDRES	
---------------------	--

API No. 3002533421 Sample ID 5922

Well Name CAPROCK MALJAMAR UNIT 187

Location ULSTR 24 17 S 32 E **Lat / Long** 32.82027 -103.71979

2467 N 2501 W **County** Lea

Lab ID

Operator (when sampled) WISER OIL COMPANY

Field MALJAMAR Unit F

Sample Date 5/21/1998 Analysis Date 6/8/1998

Sample Source Depth (if known)

Water Type

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

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



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.

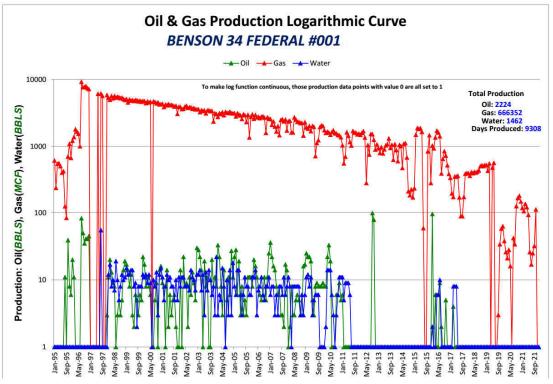
This well was and is completed as a Strawn gas producer but the following decline charts show the zone has been effectively depleted. Current production is non-economic.

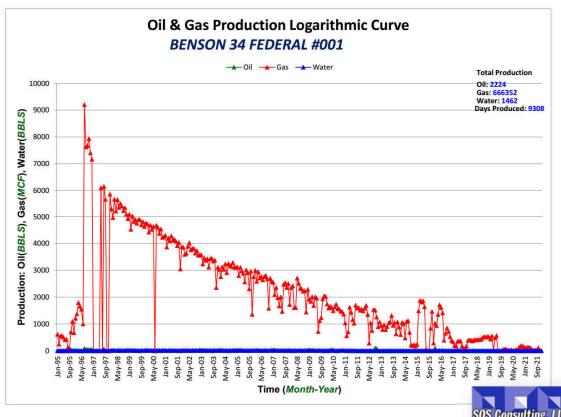
C-108 - Item VIII

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

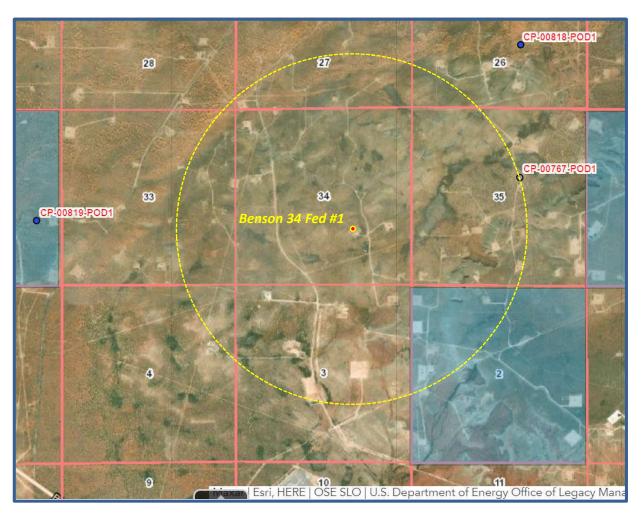
Benson 34 Fed No.1 SWD - Water Well Locator Map

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 <u>withdrawn</u> 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

					Status			From/			
		Trn#	Doc	File/Act	1	2	Transaction Desc.	То	Acres	Diversion Consumptive	
The state of the s	get image	s 599407	EXPL	1992-01-02	CAN	FIN	CP 00767	Т	0	0	
	get image	_ s599429	APPRO	1991-11-14	APP	WDR	CP 00767	Т	0	0	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag Source 6416 4 Sec Tws Rng	X	Y	Other Location Desc
CP 00767 POD1	3 2 35 18S 30E	599300 3	3619158* 🌍	WITHDRAWN APP.

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

QQQ

Place of Use

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

Source

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

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

(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)

0 ,		,						-	, ,		•	•
DOD Namehou	Codo	POD Sub-	Country	Q Q			Tura	Dog	v	V	-	Depth Water
POD Number	Code	basın	County	04 10) 4	Sec	IWS	Kng	X	I	weii	Water Column
CP 00767 POD1		CP	ED	3	2	35	18S	30E	599300	3619158* 🌕	500	
CP 00818 POD1		CP	LE	1	4	26	18S	30E	599289	3620364* 🌍	240	
CP 00819 POD1		CP	LE	2	4	32	18S	30E	594878	3618720*	150	
CP 00853 POD1	0	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.

Received by 0 cd. 1/23/2022 10:02:5 New Mexico Office of the State Engineer Page 35 of 54

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
get images	11/14/1991	APP	Application Received	*	*****
	03/31/1999	WDR	Withdraw Application		*****
get images	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 Consumptive Purpose of Use Diversion

CP 00767 0 SRO SECONDARY RECOVERY OF OIL 0

**Point of Diversion

CP 00767 POD1 595903 3617312*

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

**Place of Use

QQQQ

256 64 16 4 Sec Tws Rng Acres **Diversion Consumptive Use Priority** Status Other Loc Desc

> 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.



OFFICE OF THE STATE ENGINEER SANTAFE

THOMAS C. TURNEY State Engineer

31 March 1999

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

01

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,

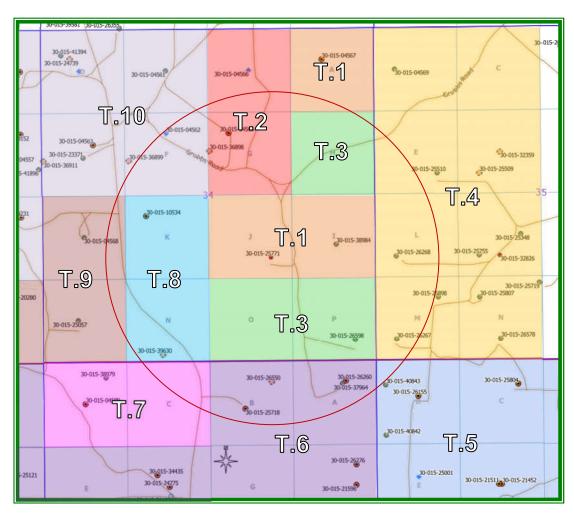
Paul M Wells

Water Rights Division

cc: District II - Roswell

Benson 34 Fed Well No.1 - Leasehold Plat

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





RAY WESTALL OPERATING, INC.

LEGEND

T.1 – NMNM-056541– EOG Resources, Inc. (L) T.6 – NMNM-125166 – Cimarex Energy Company (L/O)

T.2 – NMLC-0058650 – Hopper Barnett, Inc. (L) T.7 – NMNM-113406 – Cimarex Energy Company (L/O)

T.3 – NMNM-027277 – ConocoPhillips (L) T.8 – NMNM-124209 – Cimarex Energy Company (L/O)

T.4 – NMNM-0006245 – Trigg O&G, LP (L) T.9 – NMNM-027276 – Multiple (L); BXP, CFM (O)

T.5 – V0064-0004 – Chevron USA, Inc. (L/O) T.10 – NMLC-0028978B – Multiple (L); BXP, Mewbourne (O)

Research performed by CG&L Records & Research



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 EVIDENCE 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

 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

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

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

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

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)

LesseesMultiple 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)

LesseesMultiple Parties

OperatorsBXP 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

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
Oil, Gas and Minerals Division
310 Old Santa Fe Trail
Santa Fe, NM 87504
Certified: 7018 1130 0000 8738 1967

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

REGULATORY

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

U.S. DEPARTMENT OF INTERIOR Bureau of Land Management Oil & Gas Division 620 E. Greene St. Carlsbad, NM 88220 NEW MEXICO OIL CONSERVATION DIVISION 811 South First St. Artesia, NM 88210

RWO - BENSON 34





Oil & Gas Accounting - Regulatory Processing Assistance - Oil Field Technical Assistance

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.

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

P.O. Box 300 Como, Texas 75431 903-488-9850 Fax 866-400-7628 info@sosconsulting.us

C-108 - Item XIV

Proof of Notice (Certified Mail Receipts)



C-108 - Item XIV

Proof of Notice (Certified Mail Receipts - cont.)

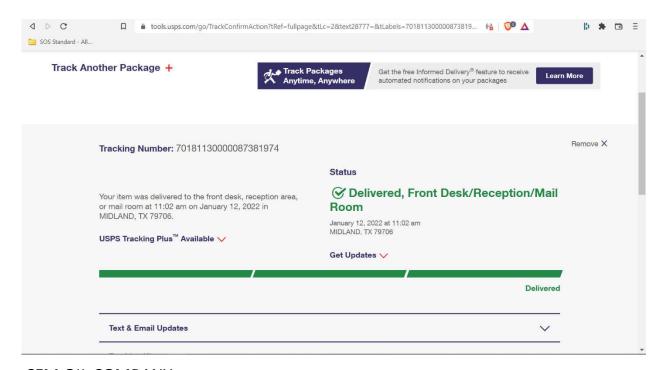
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018	Street and Apt. No., or PO Box No.	Street:
1	City, State, 219-40 6301 DEADYILLE BLVD.	Clivis Signature CIMAREX ENERGY COMPANY 600 N. Marienfeld St., Ste.600
	MIDLAND, TX 79706 PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	PS Fo Midland, TX 79701 tructions
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	P	NEW MEXICO Minerals Division
	310 Old S	Santa Fe Trail
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C-108 - Item XIV

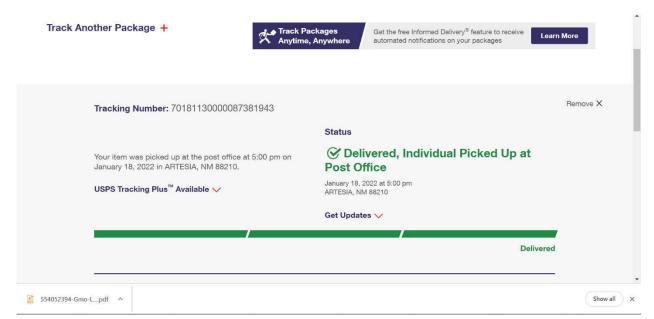
Proof of Notice (Certified Mail Return Receipts)

From USPS.com Tracking Website

CHEVRON USA, INC.



CFM OIL COMPANY



Copy of Publication:

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1500 bwpd.

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

day of December Subscribed and sworn before me this Seventh Publication Sixth Publication Fifth Publication Fourth Publication Third Publication Second Publication December 23, 2021 First Publication day as follows: Consecutive weeks/day on the same the 1937 Session Laws of the state of New Mexico for for that purpose within the meaning of Chapter 167 of Artesia Daily Press, a daily newspaper duly qualified was published in a regular and entire issue of the said Legal Ad and state, and that the hereto attached circulation, published in English at Artesia, said county of the Artesia Daily Press, a daily newspaper of General worn sayes that he is the being duly Publisher Danny Scott County of Eddy: State of New Mexico Publisher Affidavit of Publication

Notary Public, Eddy County, New Mexico

NOTARY PUBLIC-STATE OF NE OFFICIAL SEAL Latisha Romine

Latisha Romine

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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

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u>

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

X AMENDED REPORT

Eddy

FEL

WELL LOCATION AND ACREAGE DEDICATION PLAT

		API Number 015-257					³ Pool Name SWD; Grayburg-San Andres				
	⁴ Property C	Code		⁵ Property Name						⁶ Well Number	
TBD			Benson 34 Federal						1		
	7 OGRID N	No.	⁸ Operator Name							⁹ Elevation	
	119305		Ray Westall Operating, Inc.						3477'		
	¹⁰ Surface Location										
	UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	:	County

30E 1650' FSL 1650'

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									
² Dedicated Acres ¹³ Joint or Infill ¹⁴ Consolidation Code ¹⁵				Code 15 Or	rder No.				
n/a				5	SWD pending	9			

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.

16			# ODED A WOD GEDWING A STORY
			¹⁷ 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 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.
			Jen Jan 1/22/2022
			Signature Date
			Ben Stone
			Printed Name
			ben@sosconsulting.us
			E-mail Address
			18SURVEYOR 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
		1650'	same is true and correct to the best of my belief.
	• 	→	same is true and correct to the vest of my bettef.
			April 9, 1987 Date of Survey
			Date of Survey
			Signature and Seal of Professional Surveyor:
	4050/		
	1650'		
			John Wood
			John West
			676
].		Certificate Number
<u>L</u>	.		

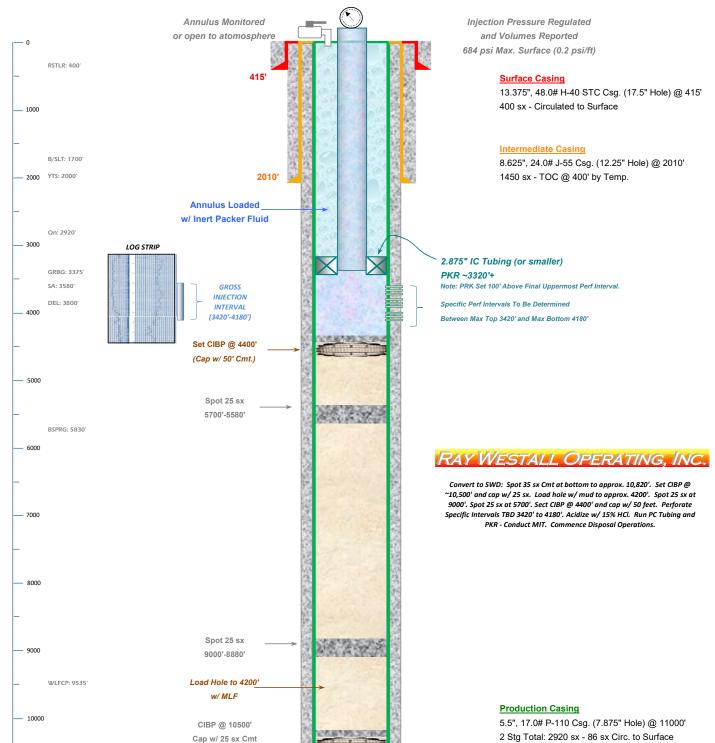


WELL SCHEMATIC - PROPOSED Benson 34 Federal Well No.1 SWD

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





Strawn Perfs: 10898'-910' (12 ft, 25 holes)

STRWN: 10660

11000

Spot 35 sx TD to 10820'

PBTD @ 10950'

11000

DTD @ 11000'

C-108 Submittal

Attachment Category

Proof of Notice

C-108 Submittal

Attachment Category

AOR Analysis

C-108 Submittal

Attachment Category

Tabulation of Wells in AOR

C-108 Submittal

Attachment Category

Fluid Analysis

Injectate and Formation

C-108 Submittal

Attachment Category

Seismicity Analysis

For High Volume Devonian Wells

C-108 Submittal

Attachment Category

Operational Details

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Phone: (575) 393-6161 Fax: (575) 393-0720

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1220 S. St Francis Dr., Santa Fe, NM 87505 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**

CONDITIONS

Action 74508

CONDITIONS

Operator:	OGRID:
RAY WESTALL OPERATING, INC.	119305
P.O. Box 4	Action Number:
Loco Hills, NM 88255	74508
	Action Type:
	[C-108] Fluid Injection Well (C-108)

CONDITIONS

Created By	Condition	Condition Date
aschaefe	r None	10/3/2022