

Revised March 23, 2017

RECEIVED: 12/29/2022	REVIEWER:	TYPE:	APP NO: pAZS2236341364
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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: Cagney 28 Federal Com SWD No.1 **API:** 30-015-35249
Pool: SWD; Paddock **Pool Code:** 96190

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

12/14/2022

Date

936-377-5696

Phone Number

ben@sosconsulting.us

e-mail Address

Signature



December 13, 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 Cagney 28 Federal Com Well No.1, API No.30-015-35249 located in Section 28, Township 17 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 covert for disposal, the Federal 33 Com Well No.1. The well is currently permitted for SWD into the Wolfcamp; the proposal is to recomple it uphole in the Paddock for improved injectivity.

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 8, 2022 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

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 (936) 377-5696
- 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. **5 AOR wells penetrate the subject interval; 3 P&A'd.** The data includes a description of each well's type, construction, date drilled, location, depth, and **schematics of plugged wells illustrating all plugging detail ATTACHED.**
- 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,
- *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 6 offset affected parties (lessees and/or operators) 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: **12/14/2022**

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:

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

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.

☒ AMENDED REPORT

C-108 - Items III, IV, V

Item III - Subject Well Data

Wellbore Diagram – PROPOSED

Item IV – Tabulation of AOR Wells

5 Wells Penetrate the Proposed Injection Interval, 3 P&A'd Penetrate
P&A Diagrams 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

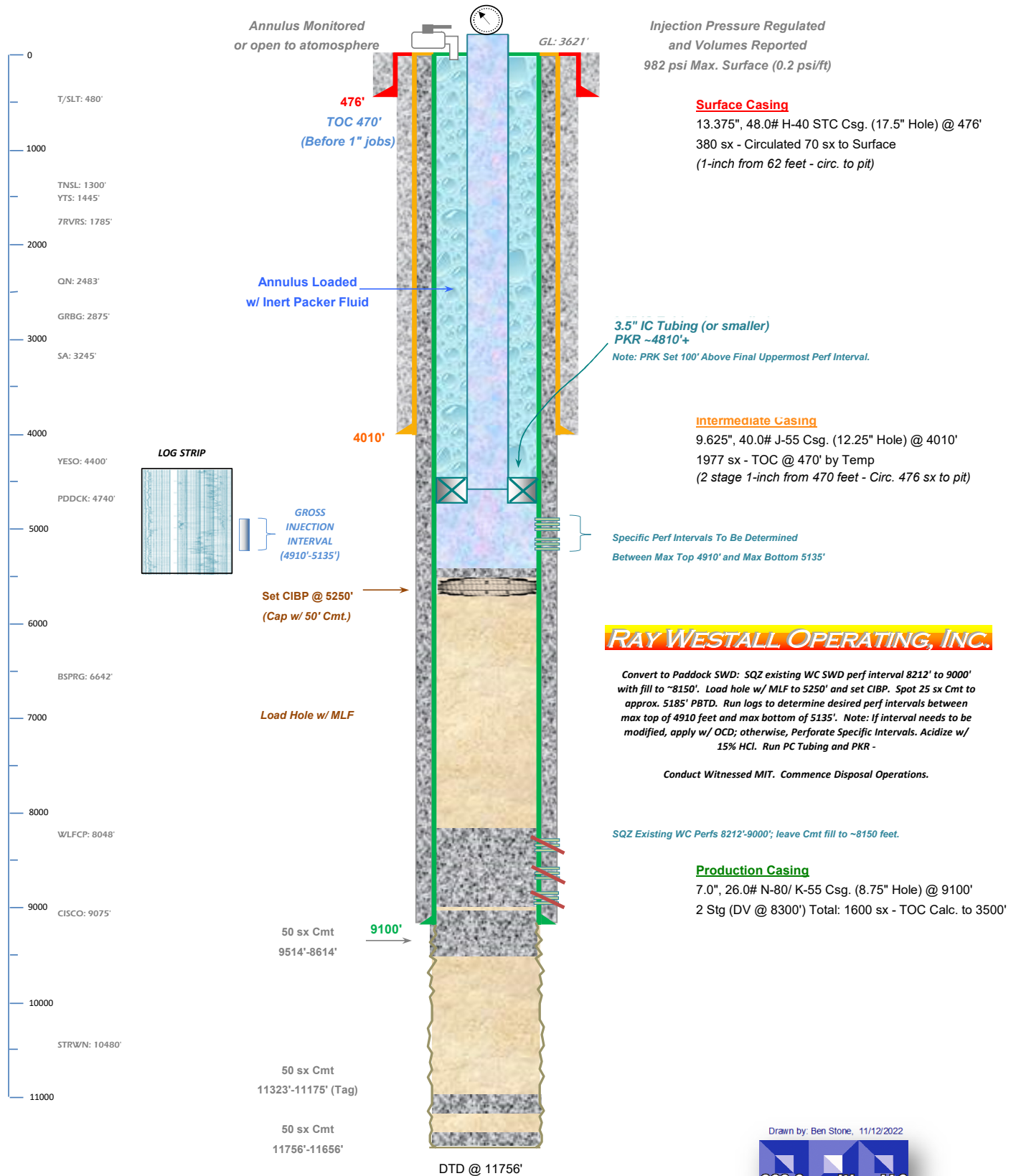
All Above Exhibits follow this page.



WELL SCHEMATIC - PROPOSED Cagney 28 Federal Well No.1 SWD

SWD;Paddock (96190)

API 30-015-35249

660' FSL & 810' FEL, SEC. 28-T17S-R30E
EDDY COUNTY, NEW MEXICOSpud Date: 8/22/1996
Config SWD Dt (Est): ~3/15/2

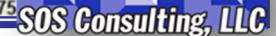
Form C-108 Item VI - Tabulation of AOR Wells

Top of Proposed PADDOCK Interval 4910'					5 Wells Penetrate Proposed Interval.				
API	Current Operator	Well Name	ULSTR	Type	Status	Lease	Depth	Spud Date	Plug Date
Subject Well									
30-015-35249	RAY WESTALL OPERATING, INC.	CAGNEY 28 FEDERAL #001	P-28-17S-30E	SWD	Active	Federal	11756	3/12/2007	
Section 27 Wells									
30-015-10463	J & J NVESTMENTS, LLC	GRAYBURG JACKSON PSU AD #006	E-27-17S-30E	Oil	Active	Federal	3137	3/24/1965	
30-015-04360	J & J NVESTMENTS, LLC	GRAYBURG JACKSON PSU MB #002	L-27-17S-30E	Oil	Active	Federal	3650	12/1/1949	
30-015-20256	J & J NVESTMENTS, LLC	GRAYBURG JACKSON PSU MB #012	L-27-17S-30E	Oil	Active	Federal	3278	8/14/1969	
30-015-04359	J & J NVESTMENTS, LLC	GRAYBURG JACKSON PSU MB #001	M-27-17S-30E	Inj.	Active	Federal	3134	12/1/1949	
30-015-30022	J & J NVESTMENTS, LLC	GRAYBURG JACKSON PSU MB #013	M-27-17S-30E	Oil	Active	Federal	3700	2/15/1998	
30-015-04358	J & J NVESTMENTS, LLC	GRAYBURG JACKSON PSU MB #003Q	N-27-17S-30E	Inj.	Active	Federal	8500	12/1/1949	
Section 28 Wells									
30-015-35250	CIMAREX ENERGY CO. OF COLORADO	CAGNEY 28 FEDERAL COM #002	28-17S-30E	Gas	New	Federal	Not Dr'l'd	12/31/9999	
30-015-10531	HK ENERGY OPERATING, LLC	GRAYBURG JACKSON PSU MA #002	E-28-17S-30E	Inj.	P&A (SR)	Federal	11750	12/31/9999	11/20/2012
30-015-04378	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL #003	I-28-17S-30E	Oil	P&A (SR)	No Data	3268	1/1/1900	1/1/1900
30-015-21692	J & J NVESTMENTS, LLC	GRAYBURG JACKSON PSU MA #003	J-28-17S-30E	Oil	Active	Federal	11756	11/28/2000	
30-015-31272	J & J NVESTMENTS, LLC	GRAYBURG JACKSON PSU MA #009	J-28-17S-30E	Oil	Active	Federal	3650	8/1/2000	
30-015-31157	J & J NVESTMENTS, LLC	GRAYBURG JACKSON PSU ME #003A	O-28-17S-30E	Oil	Active	Federal	3650	6/22/2000	
30-015-04377	J & J NVESTMENTS, LLC	GRAYBURG JACKSON PSU ME #001M	O-28-17S-30E	Inj.	Active	Federal	3700	12/1/1949	
30-015-04376	PHILLIPS PETROLEUM CO	GRAYBURG JACKSON WF UNIT #001	P-28-17S-30E	Oil	P&A (SR)	Federal	3360	12/31/9999	12/1/1993
30-015-30170	J & J NVESTMENTS, LLC	GRAYBURG JACKSON PSU MA #006Z	P-28-17S-30E	Oil	Active	Federal	3700	4/18/1998	
Section 33 & 34 Wells									
30-015-04443	J & J Investments, LLC	GRAYBURG JACKSON PSU BB #001A	A-33-17S-30E	Oil	Active	Federal	3295	9/16/1941	
30-015-35379	CIMAREX ENERGY CO. OF COLORADO	FULL TANK 33 FEDERAL #004	B-33-17S-30E	Oil	P&A (SR)	Federal	8500	3/22/2007	4/20/2007
30-015-34525	CIMAREX ENERGY CO. OF COLORADO	FULL TANK 33 FED COM #001	B-33-17S-30E	Gas	P&A (SR)	Federal	11750	4/28/2006	3/13/2012
30-015-04445	HK ENERGY OPERATING, LLC	GRAYBURG JACKSON PSU FG #001Q	D-34-17S-30E	Inj.	P&A (SR)	Federal	3360	12/31/9999	2/22/2010

SUMMARY: 5 wells penetrate proposed disposal interval; 3 P&A'd - schematics attached.

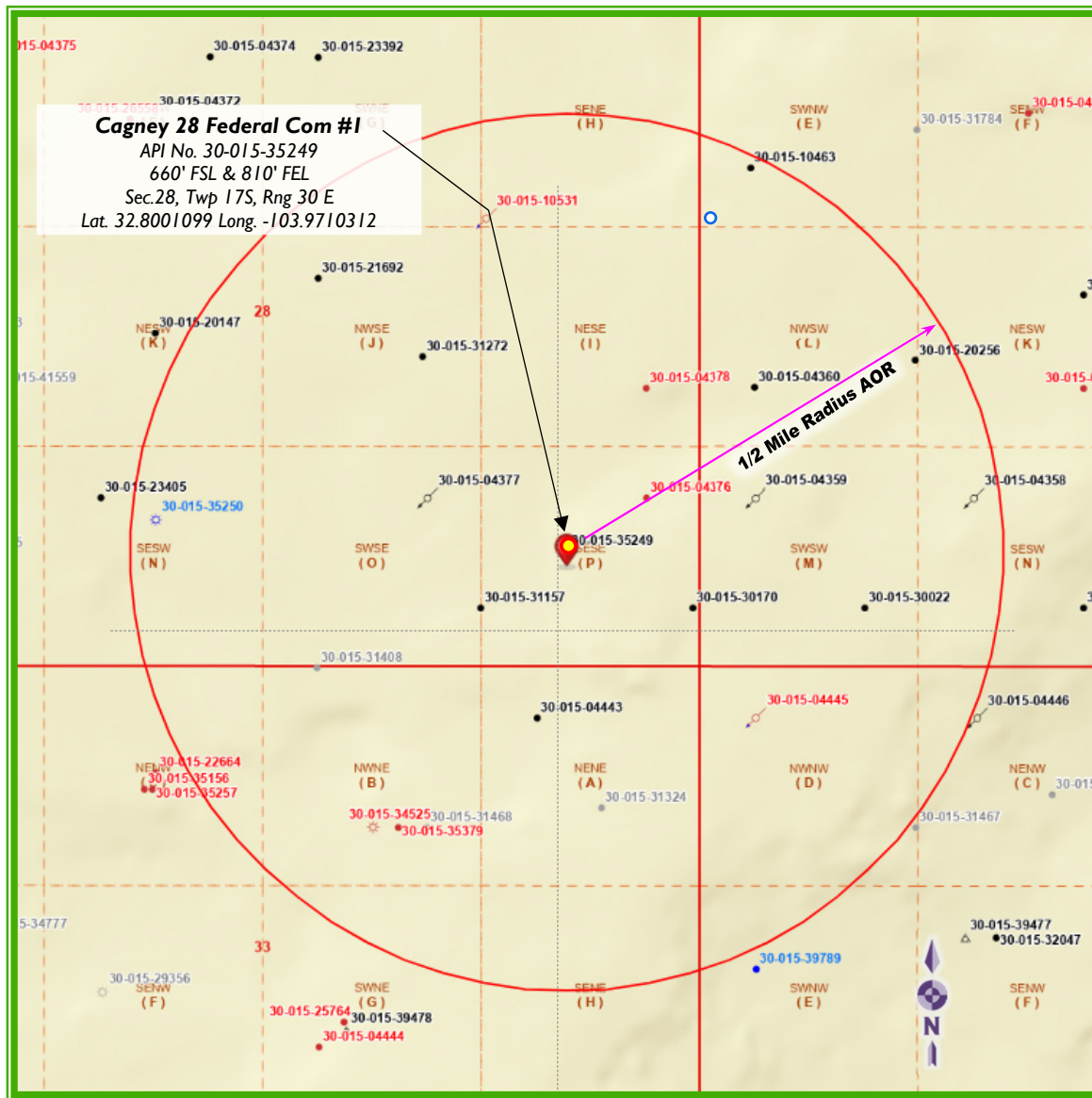


(Attachment to NMOCD Form C-108 - Item V)

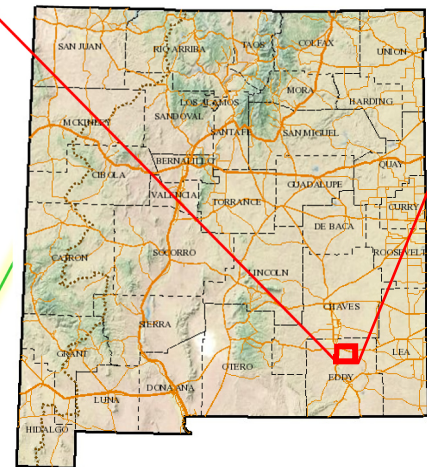
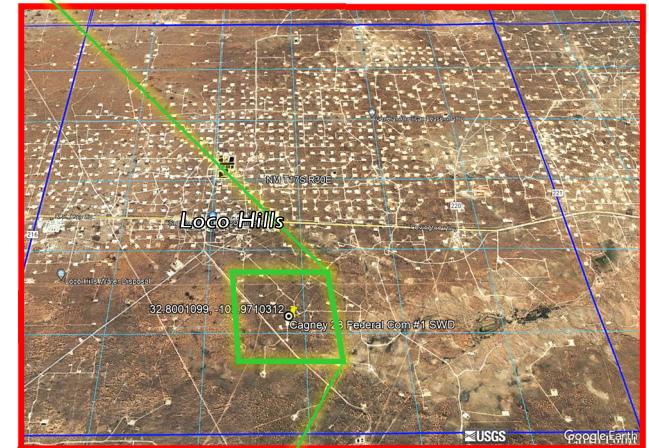


Cagney 28 Federal Com Well No.1 - Area of Review / Overview Map

(Attachment to NMOCD Form C-I08 - Item V)



~1.1 miles SE of Loco Hills, NM



Eddy County, New Mexico



RAY WESTALL OPERATING, INC.

SOS Consulting, LLC

C-108 ITEM VI

AOR Well Information

Plugged Well Schematics

There are 3 P&A'd Wells Within the AOR Which
Penetrate the Proposed Injection Zone.

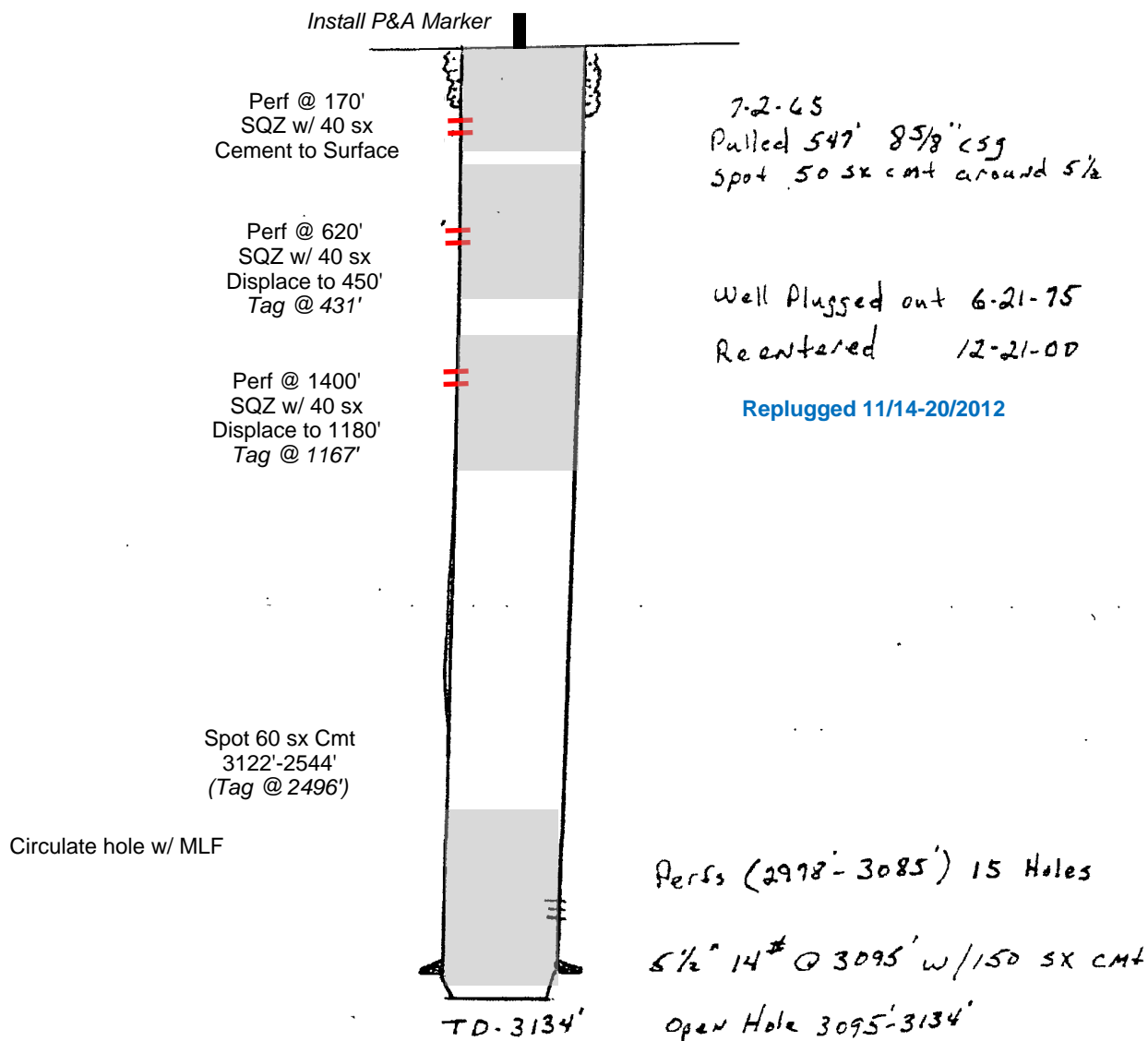
Well Diagrams and Sundries (as applicable) follow this page...

SOUTHERN BAY OPERATING

GRAYBURG JACKSON PSU MA #2

EDDY COUNTY, NEW MEXICO

API # 30-015-10531

SEC 28, T-17S, R-30E
2615' FNL, 1295' FEL

Form 3160-5
(August 2007)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.***SUBMIT IN TRIPLICATE – Other instructions on page 2**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Southern Bay Operating, LLC

3a. Address

110 Cypress Station #220 Houston TX 77090

3b. Phone No. (include area code)

281-537-9920

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

**Sec. 28, T-17-S, R-30-E
2615' FNL, 2615' FEL**FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

5. Lease Serial No.

LC-053259-A

6. If Indian, Allottee or Tribe Name

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

Grayburg Jackson PSU

8. Well Name and No.

Grayburg Jackson PSU MA #2

9. API Well No.

30-015-10531

10. Field and Pool, or Exploratory Area

GB Jackson, 7R-QN-GR-SA

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			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

11/14/12 MIRU plugging equipment.**11/15/12 ND Wellhead, NU BOP. POH w/ tbg and packer. RIH open ended to 3122'. Circulated hole w/ mud laden fluid.****Spotted 60 sx cement @ 3122-2544. Pull out of cement. WOC.****11/16/12 Tagged plug @ 2496'. POH. Set packer @ 34'. Pressured up on casing. Would not hold pressure. Perf'd csg @ 1400'. RIH and set packer @ 980'. Sqzd 40 sx cement. Displaced cement to 1180'. WOC. RIH and tagged plug @ 1167'. POH to 285'. Perf'd csg @ 620'. Established injection rate. No pressure. Sqz'd 40 sx cement. w/ 1 bag of LCM. Displaced to 450'. WOC.****11/19/12 Tagged plug @ 431'. POH. Perf'd csg @ 170'. Set packer at 34'. Injection rate of 1 bbl/min. @ 600 psi. Sqz'd 40 sx cement to surface. Shut well in w/ 300 psi. WOC. Cement at surface. Riggged down and moved off.****11/20/12 Moved in welder and backhoe. Dug out cellar. Cut off wellhead. Welded on "Ground Level" " Dry Hole Marker". Backfill cellar. Removed deadmen. Clean location, moved off.****RECLAMATION
DUE 5-19-13****RECEIVED****JAN 15 2013****NMOCD ARTESIA**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)

BETH ESTELL

Title

PRODUCTION ANALYST

Signature

[Signature]

Date

12/14/12**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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.

Title

Office

JAN 7 2013

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.

**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

(Instructions on page 2)

**Accepted for record
NMOCD**

Form 3160-5
(September 2001)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0135
Expires January 31, 2004

RECEIVED

APR 23 2012

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

NMOC

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CIMAREX ENERGY CO. OF COLORADO

ATTN: TERRI STATHEM

3a. Address

600 N. MARIENFELD, SUITE 600, MIDLAND, TEXAS 79701

3b. Phone No. (include area code)

432.571.7800

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

UNIT LETTER B

990' ENL & 1980' FEL

SEC. 33, T-17S, R-30E

5. Lease Serial No.

NMMD467934

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

FULL TANK 33 #001

FEDERAL OCM.

9. API Well No.

30-015-34525

10. Field and Pool, or Exploratory Area

CEDER LAKE - MORROW

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

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ 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

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 final site is ready for final inspection.)

02/19/12: SET 4-1/2" CIBP @ 11,330'; CIRC. WELL W/ PAX FLUID.

02/21/12: MIX X PUMP A 50 SX. CMT. PLUG @ 11,330'-10,830' (CALC.); MIX X PUMP A 25 SX. CMT. PLUG @ 9,595'.

02/23/12: TAG TOP OF CMT. PLUG @ 9,378'; MIX X PUMP A 30 SX. CMT. PLUG @ 9,225'; WOC.

02/24/12: TAG TOP OF CMT. PLUG @ 9,021'; PERF. X SQZ. AN 80 SX. CMT. PLUG @ 8,737'; WOC.

02/25/12: DID NOT TAG CMT. PLUG; MIX X SQZ. AN 80 SX. CMT. PLUG @ 8,737'; WOC - DID NOT TAG CMT. PLUG; MIX X SQZ. AN 80 SX. CMT. PLUG @ 8,737'; WOC.

02/26/12: TAG TOP OF CMT. PLUG @ 8,664'; PRES. UP ON 7" CSG. TO 1,500# - HELD OK; MIX X PUMP A 25 SX. CMT. PLUG @ 8,664'; WOC X TAG TOP OF CMT. PLUG 8,554'; RDMO FOR ABO RE-COMPLETION ATTEMPT.

03/09/12: SET 7" CIBP @ 8,150'; MIX X PUMP A 25 SX. CMT. PLUG @ 8,150'; WOC X TAG CMT. PLUG @ 7,995'.

03/10/12: CIRC. WELL W/ PAX FLUID; MIX X PUMP A 40 SX. CMT. PLUG @ 6,950'-6,780' (CALC.); MIX X PUMP A 35 SX. CMT. PLUG @ 4,095'; WOC X TAG TOP OF CMT. PLUG @ 3,890'.

03/11/12: MIX X PUMP A 35 SX. CMT. PLUG @ 3,460'-3,330' (CALC.); CUT 7" CSG. @ 3,002' - NOT FREE; PRES. UP ON CSG. CUT TO 1,900' - COULD NOT PUMP INTO CUT; PUMP A 50 SX. CMT. PLUG @ 3,060' (PER HIM); WOC

03/12/12: TAG CMT. PLUG @ 2,900'; PERF. X SQZ. A 50 SX. CMT. PLUG @ 2,572'; WOC X TAG CMT. @ 2,445'; PERF. X SQZ. A 50 SX. CMT. PLUG @ 1,230'; WOC. 03/13/12: TAG CMT. PLUG @ 1,115'; PERF. X SQZ. A 40 SX. CMT. PLUG @ 640'; TAG CMT. PLUG @ 460'; PERF. X CIRC. TO SURF. A 40 SX. CMT. PLUG @ 63'-3'; DIG OUT X

14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

DAVID A. EYLER

Title

AGENT

Date 03/26/12

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Accepted as to plugging of the well bore.

Liability under bond is retained until

Surface restoration is completed.

Title

Office

APR 16 2012

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

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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.

RECLAMATION

DUE 9-13-12

CIMAREX

Cimarex Energy Co. of Colorado

Full Tank 33 Fed Com No. 001

UL B Sec 33 T17S R30E

API 30-015-34525

Nogelmeier

10-08

Rvsd 8/30/2011 D. Tally

IF RIC UNSUCCESSFUL:

- 1) SET 7" CIBP @ 8,150'
- 2) 25 SXS. @ 8150'-8050'
- 3) 40 SXS. @ 6950'-6790'
- 4) 35 SXS. @ 4095'-3965' TAG
- 5) 35 SXS. @ 3460'-3340'
- 6) CUT X PULL 7" @ 3,000'
- 7) 50 SXS. @ 3,060'-2940' TAG
- 8) 50 SXS. @ 2572'-2452' TAG
- 9) 40 SXS. @ 560'-460'
- 10) 25 SXS. @ 63'-3'
- 11) D.O.C.O. - WELD ON.

13 3/8" 48# H-40 @ 510' w/470 sx cmt Circ 23sx

TOC @ 3050'

9 5/8" 40# J-55 @ 4,030' w/1200 sx cmt Circ 66sx

Proposed ABO DETRITAL PERFS
8187-92, 8194-98, 8226-30, 8294-8302

Top Wolfcamp - 8225' 8,175'

Perf @ 8737' (93' below DV @ 8644')
Sqz w/ sufficient cmnt for 186' plug leave top
@ 8594 (Minimum 50' above DV Tool)
Tag max depth 8594'

7" 26# P-110 @ 9,500' w/450sx
125 sxs below DV FB 325 sxs above
1st stage cemented w/ no returns

DV Tool @ 8,644'
OH Packer @ 8647' just below DV Tool OK
TOC Below DV tool unknown

190' (30 sxs) plug 9035' - 9225' (95' above & below Liner Top) OK
TAG Max depth 9085'

25
195' (20 sxs) plug 9400 - 9595' across 7" casing shoe OK
TAG max depth 9450'

Top Morrow - 10,970'

4 1/2" liner top @ 9135' bottom 11750' 275 sx

CIBP @ 11,330 capped w/ 50 sxs (top of plug @ 10,920 minimum) OK

Perfs:
Middle Morrow
11,360-11,366; 11,376-11,384; 11,388-11,402 (112 holes)
Lower Morrow
11,556' - 11,576' 6 SPF 120 holes

PBTD @ 11,702'
TD @ 11,750'

Printed 12/16/2011

Cimarex Energy Co
Full Tank B3 Fed Com 1
3001534525
Sec. 33, T17S - R30E
990' FNL E 1980' FEL

17 1/2" Hole

63' Surf

470 SX CMT
Circ.

T/salt 590

B/salt 1170

13 3/8" 48" H-40
5.10

12 1/4" Hole

1200 SX cmt
Circ. TOC 3000

① 640 - 4160 WOC Tag

QU 2512

X SA 3400

Add Al 1230-1130

② 2572 - 2452 (120')

X BS 6870

3060 - 2930 (130')

③ Cutt (Pul) 3000' Tag

WC 8175

④ 3460 - 3340 (120')

CIR 10005

⑤ 4095 - 3965 (130')

ST 10520

WOC Tag

⑥ 6950 - 6790 (160')

AT 10695

WOC Tag 8050

⑦ 8187 - 8302 (115')

MR 10970

8554 (182')

MR. 61 11280

8736 8054 + 8054 + 8054

Tag 8-665 + 255

30 SX 9225 - 9021 (Tagged)

M.S. 11545

20 SX cmt (217')

9595 - 9378 (Tagged)

Cap w/ 50 SX cmt.

CIB @ 11330

PerFS 11360 - 11402

PerFS 11556 - 11576 MR

275 SX CMT

4 1/2

11750

PLUGGED WELL SCHEMATIC

Well Plugged by:
Cimarex Energy Co. of CO

Full Tank 33 Federal #4

API 30-025-07628

990' FNL & 1830' FEL, SEC. 33-T17S-R30E
EDDY COUNTY, NEW MEXICO

Spud Date: 3/22/2007

P&A Date: 4/20/2007

<PLUGGING ITEMS LISTED LEFT>

PLUGS:
Spot 25 sx 'C'
Fill to Surface

Spot 100 sx 'C'
632'- Tag @ 397'

P&A Marker

Elev:

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

13.175", 48.0# H-40 STC Csg. (17.5" Hole) @ 499'
451 sxs - Circulated 58 xs to Surface

Intermediate Casing

5.5", 14.0 & 15.5# J-55 csg. (Assumed 8.75" Hole) @ 31
1975 sx - Circulated 473 sx to Surface

Spot 100 sx 'C'
4081'- Tag @ 3746'

Spot 50 sx 'H'
5375'-5225'

Spot 60 sx 'H'
8241'-8061'

Spot 35 sx 'H'
8487'-8384'

Formation Fluids

TD @ 8500'

<P&A SUBSEQUENT SUNDRY>

Form 3160-A
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1999

OCD-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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		2. Name of Operator Cimarex Energy Co. of Colorado		3a. Address PO Box 140907, Irving, TX 75014-0907		3b. Phone No. (include area code) 972-401-3111		4. Location of Well (Postage, Sec., T., R., M., or Survey Description) 990' FNL & 1830' FEL 33-17S-30E		5. Well Name and No. Full Tank 33 Federal No. 4		6. API Well No. 30-015-35379		7. Field and Pool, or Exploratory Area Undes Walters Lake; Bone Spring		8. 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															
<input type="checkbox"/> Notice of Intent				<input type="checkbox"/> Addize				<input type="checkbox"/> Deepen				<input type="checkbox"/> Production (Start/Resume)				<input type="checkbox"/> Water Shut-Off			
<input checked="" type="checkbox"/> Subsequent Report				<input type="checkbox"/> After Casing				<input type="checkbox"/> Fracture Treat				<input type="checkbox"/> Recalculation				<input type="checkbox"/> Well Integrity			
<input type="checkbox"/> Final Abandonment Notice				<input type="checkbox"/> Casing Repair				<input type="checkbox"/> New Construction				<input type="checkbox"/> Recomplete				<input type="checkbox"/> Other			
				<input type="checkbox"/> Change Plans				<input checked="" type="checkbox"/> Plug and Abandon				<input type="checkbox"/> Temporarily Abandon							
				<input type="checkbox"/> Convert to Injection				<input type="checkbox"/> Plug Back				<input type="checkbox"/> Water Disposal							

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple 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/BLM. Required subsequent reports shall be filed within 30 days following completion of the evolved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

04.18.07 Reached TD of 8-3/4" hole (8500').

04.19.07 Received permission from Fred Wright @ Carlsbad BLM to plug well.

Plug 1: 35 sx Class H + 0.2% D-13 (wt 15.2, yld 1.25) set @ 8241', est TOC @ 8485'.

Plug 2: 60 sx Class H + 0.2% D-13 (wt 15.2, yld 1.25) set @ 8241', est TOC @ 8061'.

Plug 3: 50 sx Class H + 0.2% D-13 (wt 15.2, yld 1.25) set @ 5375', est TOC @ 5225'.

Plug 4: 100 sx Class C Neat (wt 14.8, yld 1.32) set @ 4081', Tagged @ 3746'.

04.20.07 Plug 5: 100 sx Class C Neat (wt 14.8, yld 1.32) set @ 632', Tagged @ 297'.

Plug 6: 25 sx Class C Neat (wt 14.8, yld 1.32) to surface.

Released rig.

ACCEPTED FOR RECORD

JUL 13 2007

Gerry Guye, Deputy Field Inspector
NMOCD-District H-ARTESIA

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Natalie Krueger		Title Reg Analyst I		Date June 20, 2007		THIS SPACE FOR FEDERAL OR STATE OFFICE USE		BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	
Approved by <i>Natalie Krueger</i>		Title Office		Date JUN 20 2007		ACCEPTED FOR RECORD			

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 these 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)

Drawn by: Ben Stone, 12/06/2022



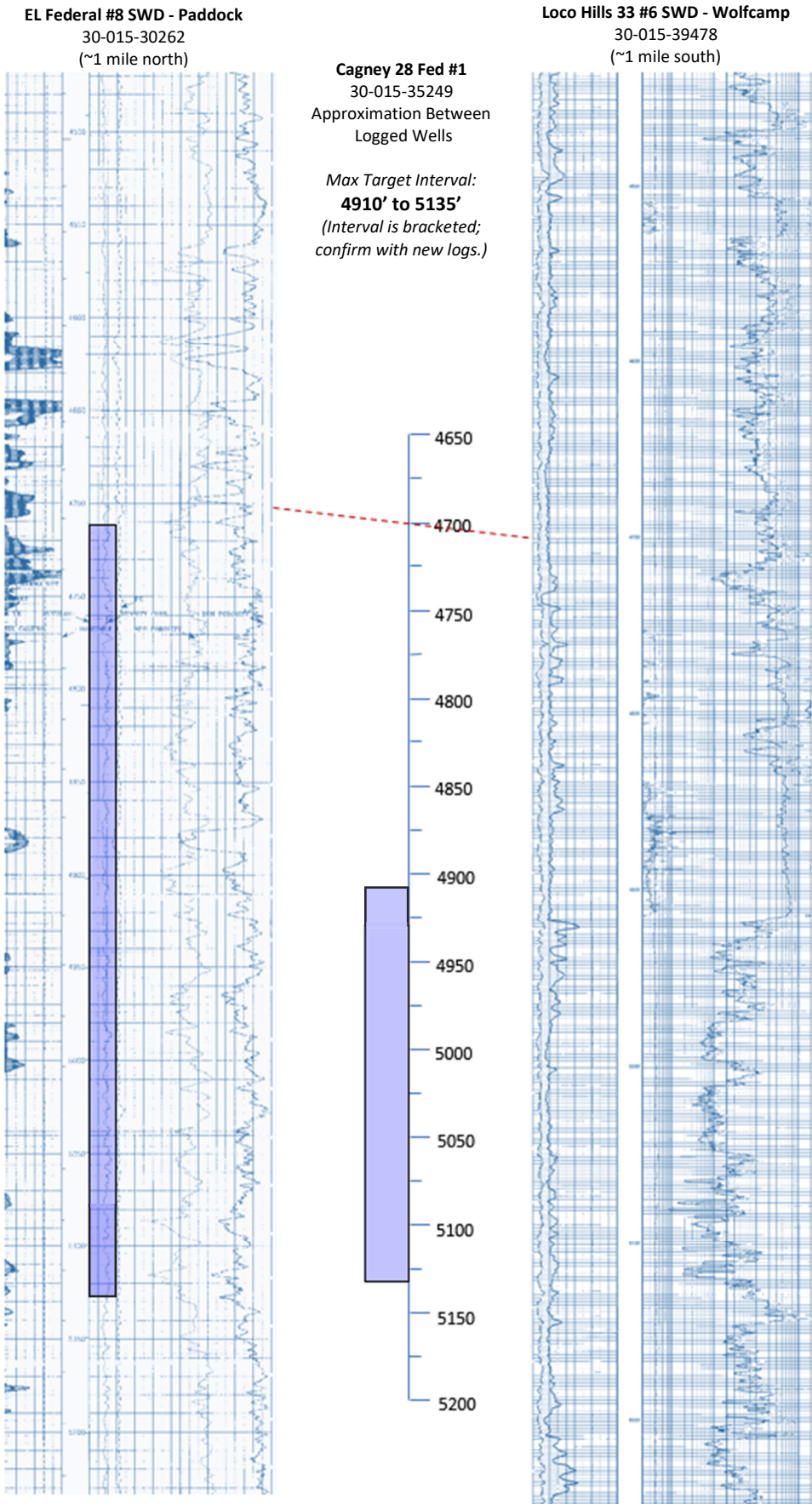
C-108 ITEM X – LOGS and AVAILABLE TEST DATA

A Cross-Section presentation with offsetting wells to the north and south of the subject well to identify the approximate Paddock interval.

New logs will be run to positively identify the target intervals within the described maximum top and bottom depths.

Cross-Section follows...

Cagney 28 Federal Com #1 SWD
Cross Section for Interval Determination



C-108 ITEM VII – PROPOSED OPERATION

The Cagney 28 Federal Com Well 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 formations waters - chlorides and TDS are relative compatible with Paddock (Yeso) formation waters.)

The system will be closed utilizing flowlines from area production and augmented with a tank battery facility located on the well site.

Injection pressure will be 982 psi and a maximum rate of 5000 bwpd and an average rate of 2500 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 not be manned but will be available to Ray Westall's customers 24/7. The facility will be available for inspections at any time deemed necessary by OCD.

e-Permitting

C-108 Submittal

Attachment Category

Seismicity Analysis

For High Volume Devonian Wells

(NOT APPLICABLE TO THIS APPLICATION)

C-108 ITEM VII – PRODUCED WATER ANALYSES

Item VII.4 – Water Analysis of Source Zone Water

Tansil-Yates-Seven Rivers
Grayburg-San Andres

Item VII.5 – Water Analysis of Disposal Zone Water

Paddock

Water Analyses follow this page.

C-108 Item VII.5 - Produced Water Data
Ray Westall Operating, Inc. - Cagney 28 Federal Com SWD #1

SOURCE ZONE

ARTESIA GROUP - TNSL-YTS-7RVRS

API No	3001503449	Lab ID	
Well Name	SOUTH LOCO HILLS UNIT 010	Sample ID	5134
		Sample No	
Location	ULSTR 20 18 S 29 E	Lat / Long	32.73421 -104.09836
	1980 N 1980 W	County	Eddy
Operator (when sampled)			
	Field LOCO HILLS	Unit	F
Sample Date		Analysis Date	
	Sample Source DST	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	174689	resistivity_ohm_cm_temp	
tds_mgL_180C		conductivity	
chloride_mgL	107000	conductivity_temp_F	
sodium_mgL		carbonate_mgL	
calcium_mgL		bicarbonate_mgL	189
iron_mgL		sulfate_mgL	1000
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. - Federal 33 Com SWD #1

SOURCE ZONE

ARTESIA GROUP - TNSL-YTS-7RVRS

API No	3001503042	Lab ID	
Well Name	M DODD A 008	Sample ID	5345
		Sample No	
Location	ULSTR 22 17 S 29 E	Lat / Long	32.81353 -104.05878
	330 S 1650 E	County	Eddy
Operator (when sampled)			
	Field GRAYBURG JACKSON	Unit	O
Sample Date		Analysis Date	
	Sample Source WELLHEAD	Depth (if known)	
	Water Type		
ph	6.8	alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity		hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	178711	resistivity_ohm_cm_temp	
tds_mgL_180C		conductivity	
chloride_mgL	104425	conductivity_temp_F	
sodium_mgL		carbonate_mgL	
calcium_mgL		bicarbonate_mgL	402
iron_mgL		sulfate_mgL	4600
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. - Cagney 28 Federal Com SWD #1

SOURCE ZONE

GRAYBURG-SAN ANDRES

API No	3001502873	Lab ID	
Well Name	GULF STATE 002	Sample ID	5366
		Sample No	
Location	ULSTR 03 17 S 29 E	Lat / Long	32.86987 -104.06746
	330 N 990 W	County	Eddy
Operator (when sampled)			
	Field SQUARE LAKE	Unit	4
Sample Date		Analysis Date	
	Sample Source WELLHEAD	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	109000	resistivity_ohm_cm_temp	
tds_mgL_180C		conductivity	
chloride_mgL	63070	conductivity_temp_F	
sodium_mgL		carbonate_mgL	
calcium_mgL		bicarbonate_mgL	339
iron_mgL		sulfate_mgL	3538
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. - Cagney 28 Federal Com SWD #1

DISPOSAL ZONE

PADDOCK

API No	3001529903	Lab ID	
Well Name	MCINTYRE A 011	Sample ID	6010
		Sample No	
Location	ULSTR 20 17 S 30 E	Lat / Long	32.81716 -103.98804
	1650 S 990 E	County	Eddy
Operator (when sampled)	MACK ENERGY		
	Field	Unit	1
Sample Date	5/17/2000	Analysis Date	5/26/2000
	Sample Source	Depth (if known)	
	Water Typ		
ph	7.5	alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity	1.138	hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	205800	resistivity_ohm_cm_temp	
tds_mgL_180C		conductivity	
chloride_mgL	140084	conductivity_temp_F	
sodium_mgL	83237.9	carbonate_mgL	0
calcium_mgL	5012.89	bicarbonate_mgL	283.362
iron_mgL	6.828	sulfate_mgL	3206.88
barium_mgL	0.2276	hydroxide_mgL	
magnesium_mgL	1610.27	h2s_mgL	3.414
potassium_mgL	690.766	co2_mgL	
strontium_mgL	67.142	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. - Cagney 28 Federal Com SWD #1

DISPOSAL ZONE

PADDOCK

API No	3001530329	Lab ID	
Well Name	SINCLAIR PARKE 002	Sample ID	5831
		Sample No	
Location	ULSTR 22 17 S 30 E	Lat / Long	32.82076 -103.96219
	2310 N 1650 W	County	Eddy
Operator (when sampled)	MACK ENERGY		
	Field LOCO HILLS	Unit	F
Sample Date	7/24/2000	Analysis Date	8/10/2000
	Sample Source	Depth (if known)	
	Water Typ		
ph	6.9	alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity	1.129	hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	191874	resistivity_ohm_cm_temp	
tds_mgL_180C		conductivity	
chloride_mgL	127771	conductivity_temp_F	
sodium_mgL	74575	carbonate_mgL	0
calcium_mgL	5339.04	bicarbonate_mgL	2575.25
iron_mgL	19.193	sulfate_mgL	3511.19
barium_mgL	0.3387	hydroxide_mgL	
magnesium_mgL	2398	h2s_mgL	45.16
potassium_mgL	401.924	co2_mgL	
strontium_mgL	34.999	o2_mgL	
manganese_mgL		anionremarks	
Remarks			

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



C-108 ITEM VIII

GEOLOGIC INFORMATION

The Paddock member (Upper Yeso) is composed of anhydritic dolomite with interbedded siltstones and fine-grained sandstones. The Paddock in the Loco Hills/ Maljamar area is a poor conventional reservoir with average porosity of 7.5% and permeability ranging from 0-350 md (Bishop, 2014). Much of the geologic analysis has focused on petrophysical and geophysical studies due to limited data for the Upper Yeso in the general area. Overall thickness averages 100 to 300 feet in the area. There appears to be some decent porosity in the proposed injection interval located from approximately 4910 feet to 5135 feet with some very good porosity interspersed throughout the overall interval.

The proposed interval was called off log correlations to the north and south. The northern well is the EL Federal SWD #8 operated by Apache and disposes into [approximately] the same Paddock interval (~20'-30' down dip). This well appears to have good injectivity and has not adversely impacted area production from any Glorieta plays. There are no Glorieta or Yeso completions within the Area of Review.

The Paddock is overlain by some tighter Upper Yeso and then transitions to the Glorieta and the San Andres. It is underlain by the Bone Spring and then Wolfcamp formations.

New logs will be run to determine the best specific intervals within the proposed maximum interval. If the overall interval needs to be adjusted, Ray Westall Operating will apply for a permit modification to reflect the adjustment.

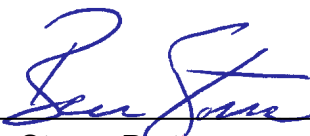
There are no known sources of water <10,000 mg/l TDS which underlie the injection zones.

Production in the area is generally from shallower Artesia Group formations. The AOR wells largely are completed in the the Grayburg Jackson; SR-Q-G-SA Pool, Pool ID 28509. Farther out from the proposed SWD, completions are in the 7Rrvs-Qn-GB-Glorieta-Yeso Pool, Pool ID 97558 and more recently in the Bone Spring.

There are NO domestic water wells within one mile of the proposed SWD well. There is a potential source of drinking water in the overlying sands occurring at a depth from surface of up to 250 feet. The upper part of the section on average consists of 200 ft of Holocene alluvial deposits of caliche, sand, gravel, and clay. Included in this interval are red sandstone and shale of the Chinle formation and Santa Rosa sandstone and similar deposits of the Dewey Lake formation. These formations are underlain by the Rustler and Salado formations.

C-108 ITEM XII – GEOLOGIC AFFIRMATION

We have examined available geologic and engineering data and have found no evidence of open faults or other hydrologic connection between the disposal interval and any underground sources of drinking water.



Ben Stone, Partner
SOS Consulting, LLC

Project: Ray Westall Operating, Inc.
Cagney 28 Federal Com No.1 SWD
Reviewed 11/16/2022

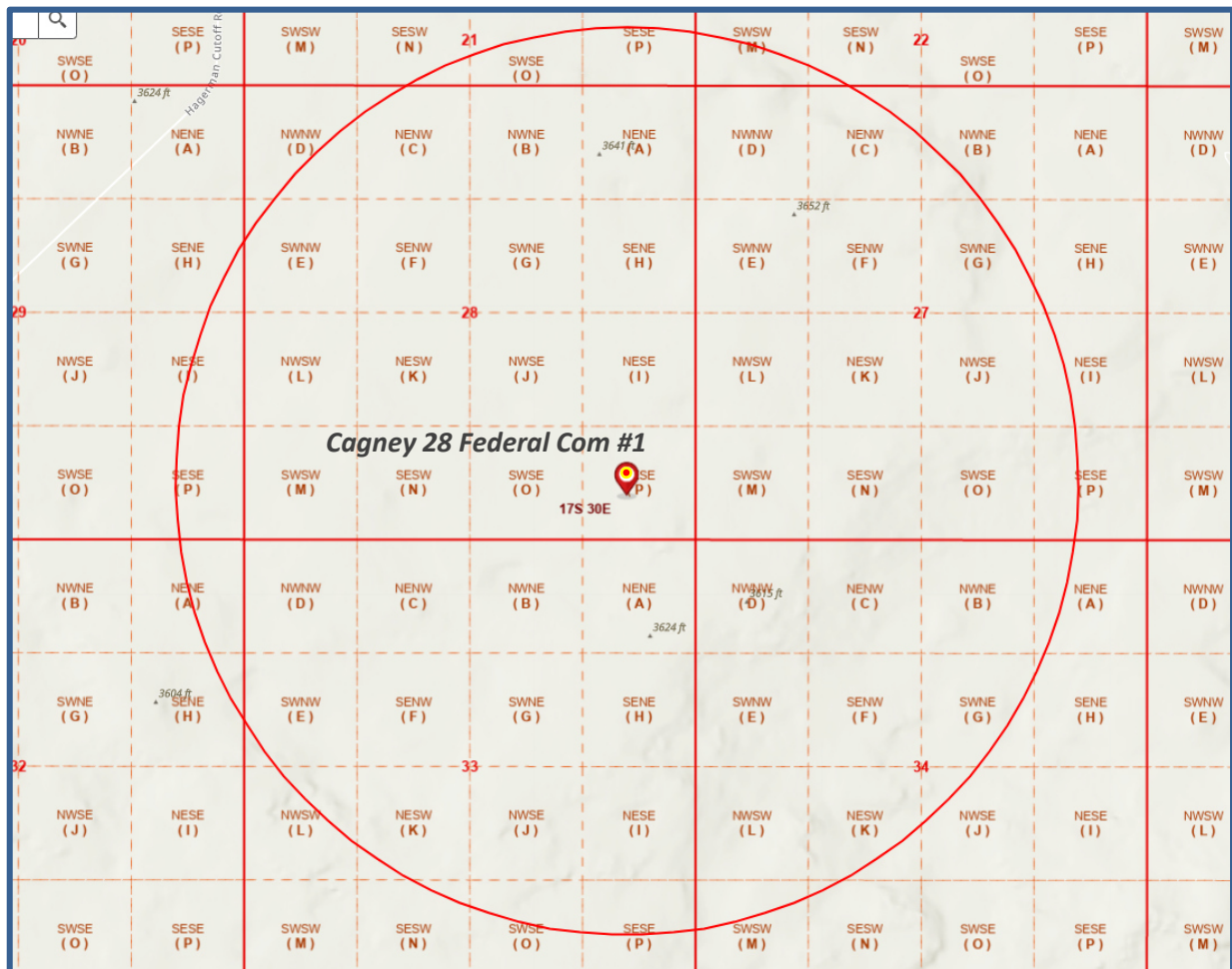
C-108 Item XI

Water Wells Within One Mile

Cagney 28 Federal Com 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.)

Depth to GW for 17S-30E is not shown but well depths range from 85 feet to 104 feet for 6 well records in the township.





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
RA 11914 POD1	RA	ED		2	4	2	20	17S	30E	594801	3632002	85	80	5
RA 13106 POD2	RA	ED		4	2	3	01	17S	30E	600406	3636426			
RA 13106 POD3	RA	ED		4	2	3	01	17S	30E	600381	3636421			
RA 13212 POD1	RA	CH		1	3	4	11	17S	30E	598984	3634474			
RA 13213 POD1	RA	CH		2	2	1	24	17S	30E	600489	3632575	101		
RA 13233 POD1	RA	ED		3	3	1	06	17S	30E	591790	3636711	104		

Average Depth to Water: **80 feet**

Minimum Depth: **80 feet**

Maximum Depth: **80 feet**

Record Count: 6

PLSS Search:

Township: 17S

Range: 30E

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.

12/12/22 3:18 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

C-108 ITEM XIII – PROOF OF NOTIFICATION

IDENTIFICATION AND NOTIFICATION OF AFFECTED PARTIES

Exhibits for Section

Affected Parties Map

List of Affected Parties

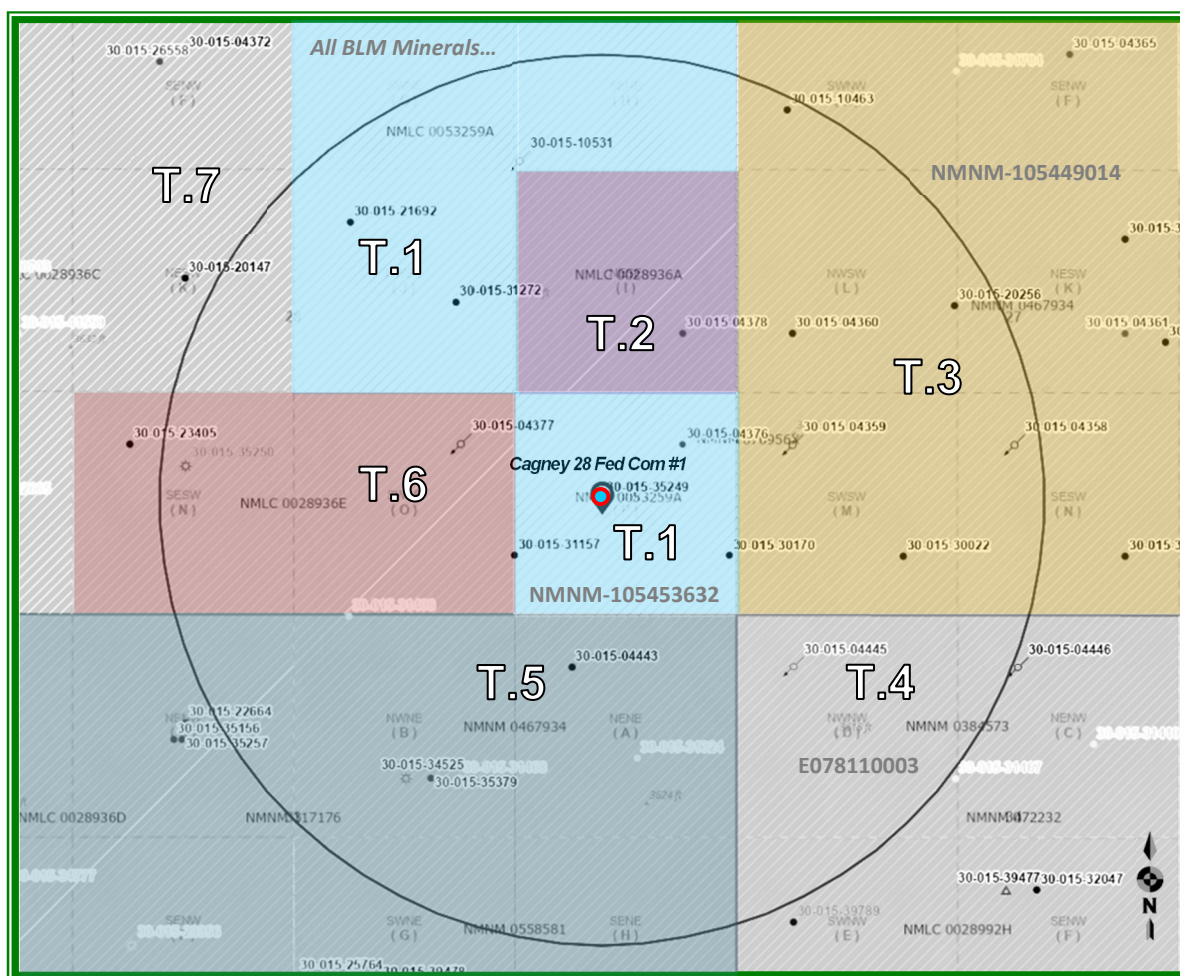
Notification Letter to Affected Parties

Proof of Certified Mailing

Proof of Return Receipts

Affidavit Published Legal Notice

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



RAY WESTALL OPERATING, INC.

LEGEND

T.7 – BLM – NMNM-105414110 Anadarko Petroleum (L)



C-108 ITEM XIII – PROOF OF NOTIFICATION AFFECTED PARTIES LIST

ALL AFFECTED PARTIES ARE PROVIDED A NOTICE LETTER VIA US CERTIFIED MAIL AND LINKS TO DOWNLOAD A PDF COPY OF THE SUBJECT C-108 APPLICATION OR EMAIL REQUEST.

"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 2290 0001 2038 7558

OFFSET OPERATORS (All Notified via USPS Certified Mail)

BLM Leases NMNM-105453632, 105449014, 105464027 (T.1, T.3 and T.6 on Map)

Lessee

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

Operators

- 2 J & J INVESTMENTS, LLC
P.O. Box 39
Loco Hills, NM 88255
Certified: 7018 2290 0001 2038 7565

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

- 3 CIMAREX ENERGY COMPANY
600 N. Marienfeld St., Ste.600
Midland, TX 79701
Certified: 7018 2290 0001 2038 7572

BLM Lease NMNM-105471603 (T.2 on Map)

Lessee

- 4 ZPZ DELAWARE, LLC
2000 Post Oak Blvd
Houston, TX, 77056-4499
Certified: 7018 2290 0001 2038 7589

BLM Lease NMNM-105560474 (T.4 on Map)

Lessee & Operator

- 5 SPUR ENERGY PARTNERS, LLC
9655 Katy Freeway, Ste.500
Houston, Texas 77024
Certified: 7018 2290 0001 2038 7596

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

BLM Lease NMNM-105560474 (T.4 on Map – cont.)

Operators

J & J INVESTMENTS, LLC
P.O. Box 39
Loco Hills, NM 88255

- 6 COG OPERATING, LLC
600 W. Illinois Avenue
Midland, TX 79701
Certified: 7018 2290 0001 2038 7602

BLM Lease NMNM-0006245 (T.5 on Map)

Lessee

CIMAREX ENERGY COMPANY
600 N. Marienfeld St., Ste.600
Midland, TX 79701

Operators

J & J INVESTMENTS, LLC
P.O. Box 39
Loco Hills, NM 88255

SPUR ENERGY PARTNERS, LLC
9655 Katy Freeway, Ste.500
Houston, Texas 77024

State Lease NMNM-105414110 (T.7 on Map)

Lessee

ANADARKO PETROLEUM
1201 Lake Robbins Dr.
The Woodlands, TX, 77380-1124

Operators

- 7 ROVER OPERATING, LLC
17304 Preston Rd., Ste.300
Dallas, Texas 75252
Certified: 7018 2290 0001 2038 7619

OFFSET MINERALS OWNERS (Notified via USPS Certified Mail)

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

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

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

RWO – CAGNEY
Certified Mail List:
7018 2290 0001 2038 7558,
7018 2290 0001 2038 7565,
7018 2290 0001 2038 7572,
7018 2290 0001 2038 7589,
7018 2290 0001 2038 7596,
7018 2290 0001 2038 7602,
7018 2290 0001 2038 7619



December 5, 2022

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 its Cagney 28 Federal Com 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 in Section 28, Township 17 South, Range 30 East in Eddy County, New Mexico.

The published notice states that the interval will be from 4910 feet to 5135 feet in the Paddock formation.

Following is the notice published in the Artesia Daily Press, Artesia, New Mexico on or about December 1, 2022.

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 Cagney 28 Federal Com Well No.1. This well, API No.30-015-35249, is permitted for SWD into the Wolfcamp; the proposal is to recompleat it uphole. It is located 660 FSL & 810 FEL in Section 28, Township 17 South, Range 30 East in Eddy County, New Mexico. Produced water from area production will be commercially disposed into the Paddock formation through perforations between a maximum top of 4910 feet to maximum depth of 5135 feet (specific perforated intervals to be determined based on logs) at a maximum injection pressure of 982 psi and a maximum rate of 5000 bwpd and an average rate of 2500 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, (936) 377-5696 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. Please call or email to request a PDF or hard copy or browse to the SOS DropBox site and locate the file using the link:

<https://www.dropbox.com/scl/fo/1jntpok364h5ejrlstskq/h?dl=0&rlkey=910bugbk1e7qbxj0m87s0j2n6>

Thank you for your attention in this matter.

Best regards,

A handwritten signature in blue ink, appearing to read "Ben Stone".

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 2290 0001 2038 7558

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
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For delivery information, visit our website at www.usps.com®.

Carlsbad, NM 88220

OFFICIAL USE

Certified Mail Fee	\$4.00
Extra Services & Fees (check box, add fee as appropriate)	\$7.25
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.60

Total Postage and Fees \$7.85

Postmark Here 0360 05 12/05/2022

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

PS Form 3849 Instructions

7018 2290 0001 2038 7565

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

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

Loco Hills, NM 88255

OFFICIAL USE

Certified Mail Fee	\$4.00
Extra Services & Fees (check box, add fee as appropriate)	\$3.25
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.60

Total Postage and Fees \$7.85

Postmark Here 0360 05 12/05/2022

Sent To J & J INVESTMENTS, LLC
P.O. Box 39
Loco Hills, NM 88255

PS Form 3849 Instructions

7018 2290 0001 2038 7602

U.S. Postal Service™
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Midland, TX 79701

OFFICIAL USE

Certified Mail Fee	\$4.00
Extra Services & Fees (check box, add fee as appropriate)	\$3.25
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.60

Total Postage and Fees \$7.85

Postmark Here 0360 05 12/05/2022

Sent To COG OPERATING LLC
600 W Illinois Ave
Midland, TX 79701

PS Form 3849 Instructions

7018 2290 0001 2038 7572

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

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

Midland, TX 79701

OFFICIAL USE

Certified Mail Fee	\$4.00
Extra Services & Fees (check box, add fee as appropriate)	\$3.25
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.60

Total Postage and Fees \$7.85

Postmark Here 0360 05 12/05/2022

Sent To CIMAREX ENERGY COMPANY
600 N. Marienfeld St., Ste.600
Midland, TX 79701

PS Form 3849 Instructions

C-108 - Item XIV

Proof of Notice (Certified Mail Receipts – cont.)

7018 2290 0001 2038 7589

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
Houston, TX 77056	
Certified Mail Fee \$4.00	0360 05
Extra Services & Fees (check box, add fee as appropriate)	Postmark Here
<input type="checkbox"/> Return Receipt (hardcopy) \$0.00	
<input type="checkbox"/> Return Receipt (electronic) \$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery \$0.00	
<input type="checkbox"/> Adult Signature Required \$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery \$0.00	
Postage \$0.60	12/05/2022
Total Postage and Fees \$7.85	
Sent To Street address City, State	
ZPZ DELAWARE, LLC 2000 Post Oak Blvd Houston, TX, 77056-4499	
PS Form	ctions

7018 2290 0001 2038 7596

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
Houston, TX 77024	
Certified Mail Fee \$4.00	0360 05
Extra Services & Fees (check box, add fee as appropriate)	Postmark Here
<input type="checkbox"/> Return Receipt (hardcopy) \$0.00	
<input type="checkbox"/> Return Receipt (electronic) \$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery \$0.00	
<input type="checkbox"/> Adult Signature Required \$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery \$0.00	
Postage \$0.60	12/05/2022
Total Postage and Fees \$7.85	
Sent To Street address City, State	
Spur Energy Partners LLC 9655 Katy Freeway, Ste.500 Houston, TX 77024	
PS Form	ctions

7018 2290 0001 2038 7619

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
Dallas, TX 75252	
Certified Mail Fee \$4.00	0360 05
Extra Services & Fees (check box, add fee as appropriate)	Postmark Here
<input type="checkbox"/> Return Receipt (hardcopy) \$0.00	
<input type="checkbox"/> Return Receipt (electronic) \$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery \$0.00	
<input type="checkbox"/> Adult Signature Required \$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery \$0.00	
Postage \$0.60	12/05/2022
Total Postage and Fees \$7.85	
Sent To Street address City, State	
ROVER OPERATING, LLC 17304 Preston Rd., Ste.300 Dallas, Texas 75252	
PS Form	ctions

Affidavit of Publication

No. 26372

State of New Mexico	
County of Eddy:	
Danny Scott	Publisher
being duly sworn says that he is the	
of Artesia Daily Press, a daily newspaper of General	
circulation, published in English at Artesia, said county	
area, 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	
_____ consecutive weeks/day on the same	
day as follows:	
First Publication	December 8, 2022
Second Publication	
Third Publication	
Fourth Publication	
Fifth Publication	
Sixth Publication	
Seventh Publication	

Subscribed and sworn before me this
8th day of December 2022

STATE OF NEW MEXICO
NOTARY PUBLIC
Latisha Romine
Commission Number 1076338
My Commission Expires May 12, 2023

Latisha Romine

Notary Public, Eddy County, New Mexico

Copy of Publication:

Legal Notice

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Published in the Artesia Daily Press, Artesia, N.M., Dec. 8, 2022 Legal No. 26372.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 408963

CONDITIONS

Operator: NEW MEXICO ENERGY MINERALS & NATURAL RESOURCE 1220 S St Francis Dr Santa Fe , NM 87504	OGRID: 264235
	Action Number: 408963
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
pgoetze	None	12/9/2024