

# AE Order Number Banner

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**Application Number: pMSG2404452308**

**SWD-2595**

**BC & D OPERATING INC. [25670]**

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

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Geological & Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

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

**Applicant:** BC&D Operating, Inc. **OGRID Number:** 25670  
**Well Name:** Javelina 11.25.37 SWD #1 **API:** 30-025-xxxxx  
**Pool:** SWD; San Andres **Pool Code:** 96121

**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

<b>FOR OCD ONLY</b>
<input type="checkbox"/> Notice Complete
<input type="checkbox"/> Application Content Complete

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

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

Ben Stone

Print or Type Name

Signature

~~12/19/2023~~ 12/20/2023  
Date

936-377-5696  
Phone Number

ben@sosconsulting.us  
e-mail Address



December 20, 2023

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

Attn: Mr. Dylan Fuge, Director

*Re: Application of BC&D Operating, Inc. to drill, complete and otherwise permit for salt water disposal the Javelina 11-25-37 SWD #1, (API 30-025-xxxxx) located in Section 11, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.*

Dear Mr. Fuge,

Please find enclosed form C-108 Application for Authority to Inject, supporting the above-referenced request to permit for disposal the subject prospective well. By authorizing the proposed SWD, the applicant can service disposal needs for operators in the area.

BC& D Operating, Inc. seeks to optimize efficiency, both economically and operationally, of all its operations in southeast New Mexico. 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 7, 2023, edition of the Hobbs News-Sun and offset operators and other affected parties have been notified individually. All required information and attachments are included for a complete Form C-108. The well is located on private/ fee land and minerals.

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 white rectangular area.

Ben Stone, Partner  
SOS Consulting, LLC  
Agent for BC&D 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: **BC&D Operating, Inc.**  
ADDRESS: **2702 North Grimes, Ste.B, Hobbs, NM 88241**  
CONTACT PARTY: **Agent: SOS Consulting, LLC – Ben Stone (936) 377-5696**
- III. WELL DATA: **All Well Data and Applicable Wellbore Diagrams and Packer Info are ATTACHED.**
- 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. **There are 10 wells, 6 P&A in the subject AOR which penetrate the proposed San Andres interval.** 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. **Stimulation program – a conventional acid job of up to 15,000 gals. may be performed to clean and open the formation.**
- \*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). **Well logs will be filed upon completion of the well.**
- \*XI. **There are 14 water wells within one mile of the proposed SWD well per OSE data. Local representative analysis is ATTACHED.**
- 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 3 offset lessees and/or operators within ONE mile plus Federal minerals - all have been noticed. Location is PRIVATE/ FEE.**
- 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 for BC&D Operating, Inc.**

SIGNATURE:  DATE: **12/20/2023**

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

**FORM C-108 – APPLICATION FOR AUTHORIZATION TO INJECT (cont.)**III. WELL DATA – *The following information and data is included (See ATTACHED Wellbore Schematic):*

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 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 details on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE *pursuant to the following criteria is ATTACHED.*

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

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

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

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

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

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

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

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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-xxxx		<sup>2</sup> Pool Code 96121		<sup>3</sup> Pool Name SWD; San Andres	
<sup>4</sup> Property Code TBD		<sup>5</sup> Property Name Javelina 11-25-37			<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 25670		<sup>8</sup> Operator Name BC&D Operating, Inc.			<sup>9</sup> Elevation 3123'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	11	25S	37E		2175'	South	345'	West	Lea

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
same									

<sup>12</sup> Dedicated Acres n/a	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. SWD pending
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<sup>16</sup>          	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> 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.  Signature <span style="float: right;">12/18/2023</span> Date Ben Stone Printed Name ben@sosconsulting.us E-mail Address		
	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  Date of Survey Signature and Seal of Professional Surveyor:  PRE-SURVEY FOR INFORMATIONAL PURPOSES ONLY		
	Certificate Number		

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

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

Wellbore Diagram – PROPOSED (New)

### **Item V – Area of Review Maps**

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

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

Tabulation includes all wells within a 1/2-mile radius.  
10 wells penetrate the proposed injection interval; 6 P&A'd.  
P&A Well Diagrams

*All Above Exhibits follow this page...*

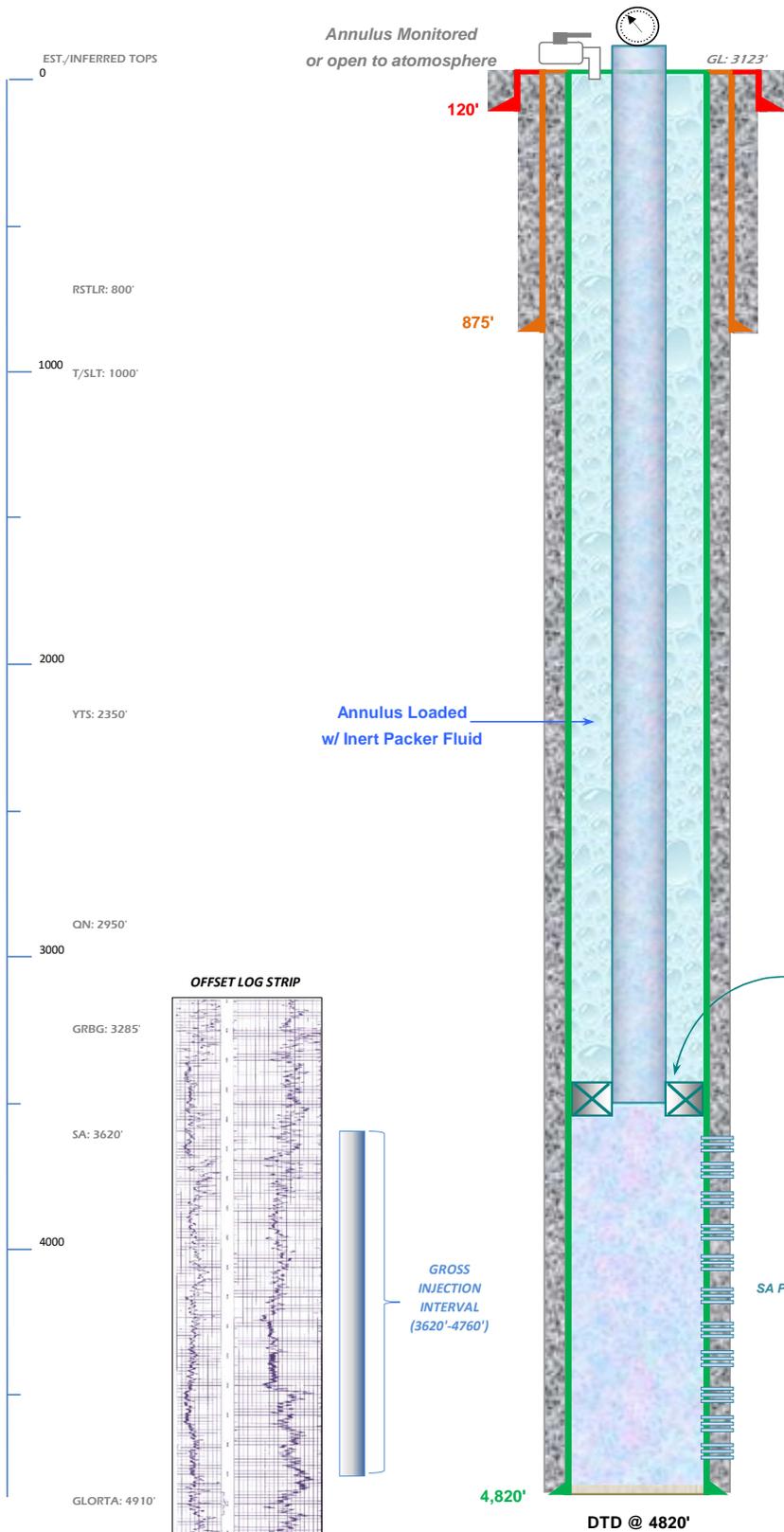


### WELL SCHEMATIC - PROPOSED Javelina 11-25-37 SWD #1

SWD; San Andres (96121)

API 30-025-xxxxx  
2175' FSL & 345' FWL, SEC. 11-25S-R37E  
LEA COUNTY, NEW MEXICO

Spud Date: ~5/01/2024  
Config SWD Dt: ~5/15/2024



Injection Pressure Regulated  
and Volumes Reported  
724 psi Max. Surface (0.2 psi/ft)

**Conductor Casing**

16.0" Csg. (20.0" Hole) @ 120'  
8 yds - Surface

**Surface Casing**

9.625", 40.0# J-55 Csg. (12.25" Hole) @ 875'  
1190 sx - Circulated to Surface



**Drill and Complete New SWD:**  
Drill and set casing as shown (25%-50% excess Cmt).  
Perforate interval w/ 4-8 jsfp.  
Acidize w/ up to ~15,000 gals 15% HCl  
Run PC Tubing and PKR - Conduct Witnessed MIT.  
Commence Disposal Operations.  
File all appropriate sundries and C-105 Completion Report.

**Production Casing**

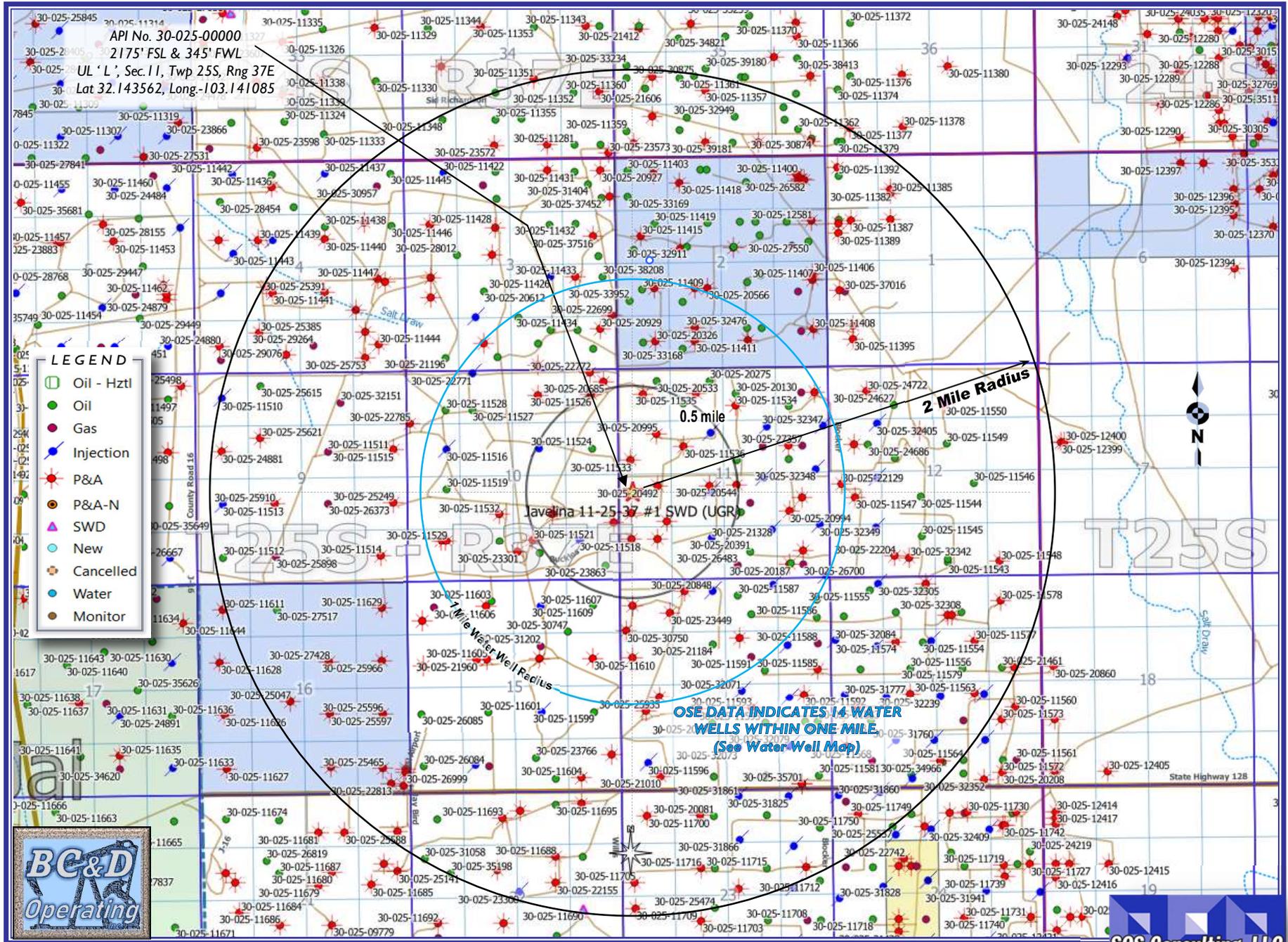
7.0", 26.0# J-55 Csg. (8.75" Hole) @ 4,820';  
685 sx 'C' - Calc'd to Circ.

Drawn by: Ben Stone, 12/03/2023



# Javelina 11-25-37 #1 SWD - Area of Review / 2 Miles

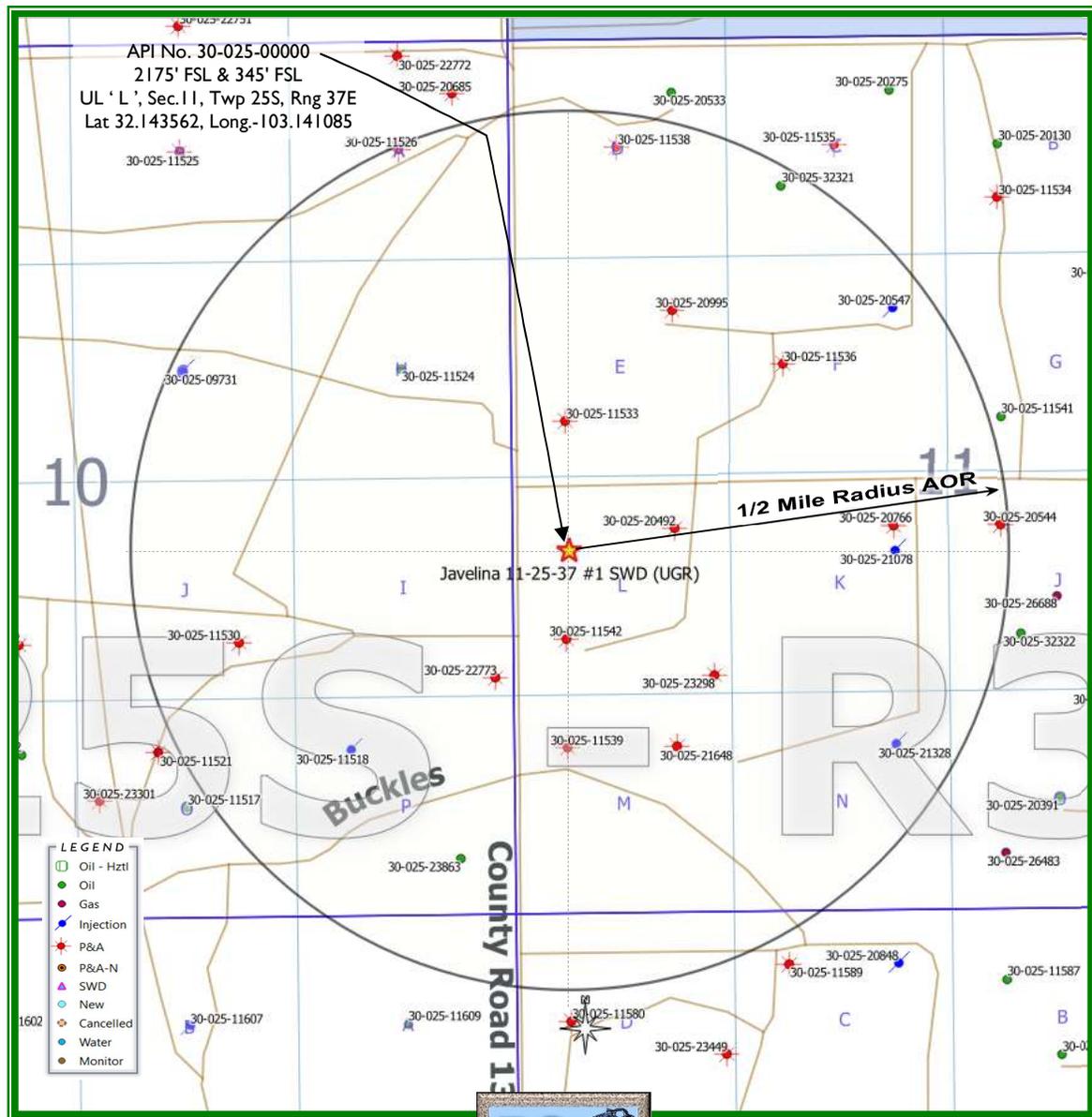
(Attachment to NMOC Form C-I08 - Item V)



# Javelina 11-25-37 #1 SWD - Area of Review / Overview Map

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

~3.6 miles Northeast of Jal, NM



Lea County, New Mexico



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

Top of Proposed SAN ANDRES Interval 3620'					10 Wells Penetrate Proposed Interval.					
API	Current Operator	Well Name	Type	Status	Lease	ULSTR	Depth (V)	Spud Dt.	Plug Dt.	
<i>Subject Well</i>										
30-025-xxxx	BC&D Operating, Inc.	Javelinla 11-25-37 SWD #1	SWD	New	L-11-25S-37E	Private	4820'	~4/01/2024		
<i>Section 10 Wells</i>										
30-025-09731	Sabinal Energy Operating, LLC	STUART LAGLIE MATTIX UNIT #117	Injection	Active	Private	G-10-25S-37E	3431'	5/9/1936		
30-025-11530	ENERGEN RESOURCES CORPORATION	STUART LAGLIE MATTIX UNIT #122	Oil	P&A-R	Private	H-10-25S-37E	3405'	12/31/9999	6/6/2011	
30-025-11518	BXP Operating, LLC	LANGLIE MATTIX QUEEN UNIT #007	Injection	Active	Private	I-10-25S-37E	3540'	9/7/1936		
30-025-11531	Sabinal Energy Operating, LLC	STUART LAGLIE MATTIX UNIT #121	Oil	P&A-R	Private	J-10-25S-37E	3469'	3/14/1937	9/14/2017	
30-025-11524	Sabinal Energy Operating, LLC	STUART LAGLIE MATTIX UNIT #118	Oil	Active	Private	P-10-25S-37E	3422'	11/14/1937		
30-025-11526	ENERGEN RESOURCES CORPORATION	STUART LAGLIE MATTIX UNIT #111	Misc.	P&A-R	Private	P-10-25S-37E	4800'	12/31/9999	5/31/2011	P&A diagram attached.
30-025-23863	BXP Operating, LLC	LANGLIE MATTIX QUEEN UNIT #009	Oil	Active	Private	P-10-25S-37E	3550'	9/21/1971		
<i>Section 11 Wells</i>										
30-025-22773	ENERGEN RESOURCES CORPORATION	STUART LAGLIE MATTIX UNIT #128	Injection	P&A-R	Private	C-11-25S-37E	3550'	12/31/9999	1/12/2005	
30-025-11533	ENERGEN RESOURCES CORPORATION	STUART LAGLIE MATTIX UNIT #119	Injection	P&A-R	Federal	D-11-25S-37E	3452'	12/31/9999	4/8/2014	
30-025-11542	PRIZE OPERATING COMPANY	LANGLIE MATTIX QUEEN UNIT #001	Oil	P&A-R	Private	E-11-25S-37E	3410'	7/4/1937	1/2/2001	
30-025-11539	LINN OPERATING, LLC.	LANGLIE MATTIX QUEEN UNIT #008	Oil	P&A-R	Private	E-11-25S-37E	3409''	12/31/9999	3/21/2017	
30-025-11538	ENERGEN RESOURCES CORPORATION	STUART LAGLIE MATTIX UNIT #110	Oil	P&A-R	Private	F-11-25S-37E	3446'	3/1/1939	12/11/2012	
30-025-21648	V-F PETROLEUM INC	CORRIGAN #001	SWD	P&A-R	Federal	F-11-25S-37E	5554'	12/31/9999	12/10/1990	P&A diagram attached.
30-025-20995	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #012	Oil	P&A-R	Federal	J-11-25S-37E	6180'	11/29/1963	12/27/2022	P&A diagram attached.
30-025-20492	CIMAREX ENERGY CO. OF COLORADO	TWO STATES STUART #001	Oil	P&A-R	State	K-11-25S-37E	6200'	12/28/1963	10/7/2003	P&A diagram attached.
30-025-23298	LINN OPERATING, LLC.	LANGLIE MATTIX QUEEN UNIT #002	Injection	P&A-R	Private	K-11-25S-37E	3480'	9/19/1969	12/3/2014	
30-025-11536	ENERGEN RESOURCES CORPORATION	STUART LAGLIE MATTIX UNIT #120	Injection	P&A-R	Federal	L-11-25S-37E	3430'	1/1/1940	4/10/2014	
30-025-32321	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #110	Oil	Active	Federal	L-11-25S-37E	6150'	3/15/1995		
BLNBRY-TUBB-DRKRD perms: 5143'-6068'; 8.625" (12.25" hole) @ 1065' w/ 550 sx to circ.; 4.5" (7.785" hole)@ 6150' w/ 1700 sx -calc'd to circ.										
30-025-21328	TEAM OPERATING, L.L.C.	SOUTH JUSTIS UNIT #140	Injection	Active	Private	L-11-25S-37E	6240'	3/8/1965		
BLNBRY-TUBB-DRKRD perms: 5150'-6109'; 8.625" (12.25" hole) @ 984' w/ 600 sx to circ.; 5.5" (7.785" hole)@ 6727' w/ 525 sx - TOC @ 2095' by temp.										
30-025-21078	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #013	Injection	Active	Private	M-11-25S-37E	6200'	10/9/1994		
BLNBRY-TUBB-DRKRD perms: 5114'-6177'; 8.625" (12.25" hole) @ 954' w/ 300 sx to circ.; 7.0" (8.75" hole)@ 6200' w/ 460 sx - circ rpt'd.										
30-025-20766	MACK ENERGY CORP	OLSEN STUART #001	Gas	P&A-R	State	M-11-25S-37E	6200'	12/31/9999	11/6/2002	P&A diagram attached.
30-025-20547	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #012	Injection	Active	Federal	N-11-25S-37E	6150'	9/7/1963		
BLNBRY-TUBB-DRKRD perms: 5114'-6113'; 9.625" (12.25" hole) @ 1062' w/ 536 sx to circ.; 7.0" (8.25" hole)@ 6150' w/ 623 sx -TOC 700' by temp.										
30-025-20544	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #013	Oil	P&A-R	Federal	PLSS Location (ULSTR)	6150'	12/6/1963	9/30/2008	P&A diagram attached.

**SUMMARY: 10 wells penetrate the proposed disposal interval; 6 P&A'd.**



## **C-108 ITEM VI**

### AOR Well Information

### **Plugged Well Schematics**

There are 6 P&A'd Wells Within the AOR Which Penetrate the Proposed Injection Zone.

30-025-11526

30-025-20492

30-025-20544

30-025-20766

30-025-20995

30-025-21648

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

# ENERGEN RESOURCES

## Stuart Langlie Mattix Unit #111

Lea County, NM

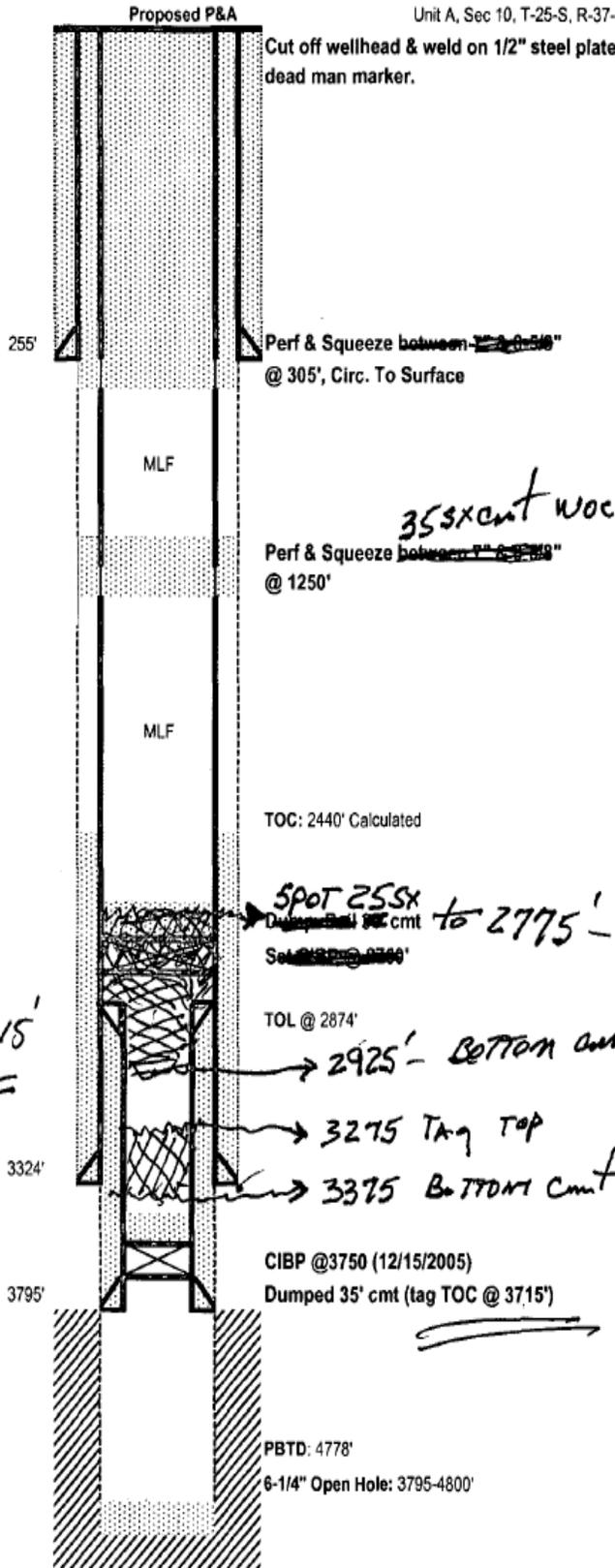
GR Elevation: 3126'  
Location: 660' FNL X 660' FEL  
Unit A, Sec 10, T-25-S, R-37-E

Conductor:  
None

Surface Casing:  
10-3/4" 32.75# @ 255'  
Hole Size: 13-3/4"  
Cemented to surface  
w/ 250 sx

Intermediate Casing:  
7" 24# Grade D  
& 22# Grade B, @ 3324'  
Hole Size: 8-5/8"  
Cemented w/ 350 sx  
TOC: 2440' (calc)

Production Liner:  
4-1/2"  
From 2874' - 3795'  
Cemented w/275 sx  
in 6-1/4" hole  
Cement top 930' (calc)



Cut off wellhead & weld on 1/2" steel plate  
dead man marker.

Perf & Squeeze between ~~2440' - 255'~~  
@ 305', Circ. To Surface

Perf & Squeeze between ~~2440' - 255'~~  
@ 1250'

TOC: 2440' Calculated

SPOT 255X  
Dumped 35' cmt  
Set @ 2775'

TOL @ 2874'  
2925' - BOTTOM cmt

3275 TAG TOP  
3375 BOTTOM cmt  
Dump BAIL 105X cmt @ 3375'

CIBP @ 3750 (12/15/2005)  
Dumped 35' cmt (tag TOC @ 3715')

PBTD: 4778'  
6-1/4" Open Hole: 3795-4800'

*★*  
RIH TAG CIBP @ 3715'  
CIRC Well w/ MLF

*353x cmt woc - TAG*

### PLUGGED WELL SCHEMATIC

#### Two States Stuart Well No.1

API 30-025-20492

2310' FSL & 990' FWL, 'L' SEC. 11-T25S-R37E  
LEA COUNTY, NEW MEXICO

Spud Date: 12/28/1963

P&A Date: 10/09/1983

Well Plugged by:  
Gruy Petro. Mgt. Co.

<PLUGGING ITEMS LISTED LEFT>

**PLUGS:**

- Spot 25 sx 85'-0'
- Spot 50 sx 277'-85' (tag)
- Spot 90 sx 1150'-893' (tag)

RSTLR: 645'

ANYD: 1040'

B/SLT: 2250'

YTS: 2680'

QN: 3031'

GRBG: 3775'

SA:4030'

GLOR:4860'

BLBRY:5240'

TUBB:5678'

P&A Marker G.L. 3127'

TOC 1530'

Spot 25 sx 2450'-2350'

Circ. hole w/ Mud

Spot 15 sx 5000'-4900'

CIBP @ 5000'

CIBP @ 5240'

Formation Fluids

6200'

DTD @ 6200'

BLBRY Perfs: 5380'-5605'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

**Surface Casing**

9.625", 32.3# csg. (12.25" Hole) @ 1027'  
668 sx ('C) - Circ. to Surf.

<P&A SUBSEQUENT SUNDRY>

Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department Form C-103 Revised 1-1-89

**OIL CONSERVATION DIVISION**

WELL API NO: 30-025-20492

2040 Pacheco St. Santa Fe, NM 87505

5. Indicate Type of Lease STATE  FEE

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name TWO STATES STUART

8. Well No. 901

9. Pool name or Wildcat JUSTIS:BLINERY,TUBB,DRINKAR

10. Elevation (Show whether DE, RKB, RT, GR, etc.) 3,127' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operation Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. SEE RULE 1103.

10-7-03  
SPOT 15 SKS @ 5000-4900'  
SPOT 25 SKS @ 2450-2350'  
10-8-03  
SPOT 90 SKS @ 1150' W.O.C. & TAG @ 893'  
SPOT 50 SKS @ 277' W.O.C. & TAG @ 277'  
SPOT 50 SKS @ 277' W.O.C. & TAG @ 85'  
SPOT 20 SKS 85' -SURFACE

INSTALL P & A MARKER  
CIRCULATE MUD

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

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

SIGNATURE: *Jeff Kester* TITLE: CEMENTER / AGENT DATE: 10-9-03

TYPE OR PRINT NAME: JEFF KESTER / DAVID A. EYLER (432.687.3033) TELEPHONE NO. 432-547-2926

(This space for State Use)

APPROVED BY: *Larry W. Wink* OIL FIELD REPRESENTATIVE / STAFF MANAGER DATE: NOV 14 2003

Drawn by: Ben Stone, 12/05/2023



### WELLBORE SCHEMATIC

Circ. 35 sx to surface.  
Install P&A marker

12-1/4" hole.  
9-5/8" 32#, H-40 @ 1010'.  
Set w/ 490 sxs cmt. Circ.

Spot 50 sx 973'-756' (tag)

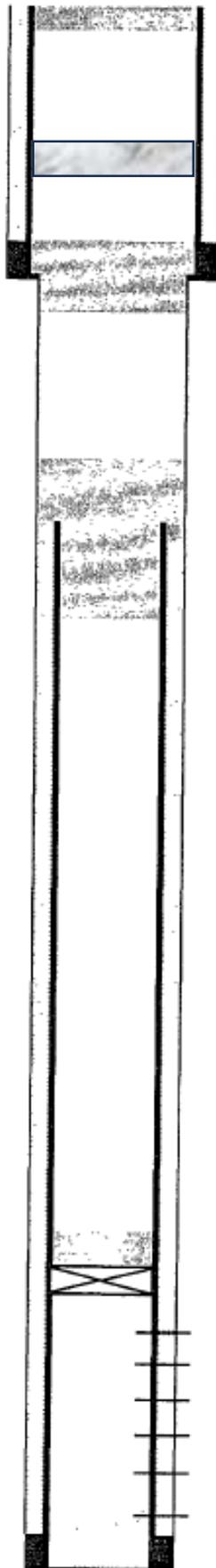
Spot 85 sx 1100'-973' (tag)

Cut csg @ 1848'

Spot 115 sx 2200'-1769' (tag)

Spot 60 sx 4929'-4549' (tag)

8-3/4" hole.  
7" 20# J-55, 23# J-55 & L-80 @ 6150'  
Cmt w/ 475 sxs cmt.  
TD 6150'.



### South Justis Unit C #13

(Union Tex Petr. Justis #1)  
2310' FSL & 2310' FEL (J)  
Sec. 11, T-25S, R-37E, Lea Co., NM  
API 30-025-20544  
KB 3041', GL 3024.5', KB 16.5'  
Spudded 12/06/63  
Completed 01/25/64

TOC @ 1920' (Temp Survey)

CIBP @ 5065'

Blinbry/Tubb/Drinkard perfs @ 5109' to 6115'

PBTD @ 6065' (fill)

PBD @ 6124'.

### PLUGGED WELL SCHEMATIC

#### Olsen Stuart Well No.1

API 30-025-20766

2310' FSL & 2310' FWL, 'K' SEC. 11-T25S-R37E  
LEA COUNTY, NEW MEXICO

Spud Date: 5/24/1964

P&A Date: 11/06/2002

Well Plugged by:  
Mack Energy Corp.

<PLUGGING ITEMS LISTED LEFT>

**PLUGS:**

Spot 30 sx

300'-0'

Spot 30 sx

1051'-931' (tag)

Shoot SQZ holes @ 1051'  
w/ 30 sx & tag @ 931'

Spot 25 sx

2395'-2295'

Circ. hole w/ Mud

CIBP @ 3150'

(Tagged CIBP)

Spot 15 sx

5000'-4900'

CIBP @ 4985'

CIBP @ 5240'

Formation Fluids

CIBP @ 5800'

P&A Marker

G.L. 3116'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

**Surface Casing**

8.625", 20# csg. (12.25" Hole) @ 1001'  
400 sx ('C) - Circ. to Surf.

<P&A SUBSEQUENT SUNDRY>

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL APPLIC. NO. 3002520766  
STATE [ ] FEE [X]  
6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name: Olsen Stuart  
8. Well No. 1  
9. Pool Name or Wildcat: Langlie Nattox 7 RQ

1. Type of Well:  OIL WELL  GAS WELL  OTHER

2. Name of Operator: Mack Energy Corporation  
3. Address of Operator: P.O. Box 960, Artesia, NM 88211

4. Well Location: Unit Letter K, 2310 Feet From The South, Line 442, 2310 Feet From The West, Line 11, Township 25S, Range 37E, NDM, Lea County. 10. Elevation (Show whether DR, TAG, RT, CR, etc.): 3116' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data  
**NOTICE OF INTENTION TO:**  
 PERFORM REMEDIAL WORK  PLUG AND ABANDON  TEMPORARILY ABANDON  CHANGE PLANS  PULL OR ALTER CASING  OTHER   
**SUBSEQUENT REPORT OF:**  
 REMEDIAL WORK  ALTERING CASING  COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT  CASING TEST AND CEMENT JOB  OTHER

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.  
 11-05-02 Rig up unit, tag CIBP @ 3150'.  
 11-06-02 Mud up hole, pressure test csg. @ 600 PSI. Held okay. Spot 25 sx on top CIBP, spot 25 sx cmt. @ 2395', perf @ 1051', sqz 35 sx cmt. w/ 2% CaCl<sub>2</sub> WOC & tag plug @ 931', spot 30 sx cmt. @ 300' to surface. Cut off wellhead, install dry hole marker. Clean location. NDMO.

I hereby certify that the information above is true and correct to the best of my knowledge and belief.  
 SIGNATURE: *Jerry W. Sherrell* TITLE: Production Clerk DATE: 11/19/2002  
 TYPE OR PRINT NAME: Jerry W. Sherrell TELEPHONE NO. 505-748-128

(This space for State Use)  
 2 *[Signature]* *[Signature]* DATE: 2-12-03

ANYD: 1001'

B/SLT: 2250'

YTS: 2680'

QN: 3099'

GRBG: 3385'

SA:3620'

GLOR:4748'

BLBRY:5139'

TUBB:5838'

DRNKD:5960'

GLOR Perfs: 4958'-4969'

PDDK Perfs: 4990'-5030'

BLBRY Perfs: 5380'-5605'

TUBB/DRKRD Perfs: 5873'-6144'

**Production (Int.) Casing**

5.5", 15.5# Csg. (7.785" Hole) @ 6200' w/ 535 sx  
Circ. to surf.

6200'  
DTD @ 6200'

Drawn by: Ben Stone, 12/05/2023





### PLUGGED WELL SCHEMATIC

#### Corrigan Well No.1

API 30-025-21648

990' FSL & 990' FWL, 'M' SEC. 11-T25S-R37E  
LEA COUNTY, NEW MEXICO

Spud Date: 2/17/1966

P&A Date: 11/06/2002

Well Plugged by:  
V-F Petro. Inc.

<PLUGGING ITEMS LISTED LEFT>

**PLUGS:**

Spot 10 sx  
60'-0'

Spot 90 sx  
1070'-820' (tag)

Cut & Pulled 4.5 Csg @ 1020'

Cut 4.5 Csg @ 1832'  
Pick up 20' but could not Pull

Spot 25 sx TOC 2200'  
2395'-2295'

Circ. hole w/ Mud

Spot 40 sx  
5150'-4691' (tag)

Spot 10 sx  
5150'-5100'

CIBP @ 5150'

Formation Fluids

P&A Marker

G.L. 3116'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

**Surface Casing**

8.625", 24.0# csg. (11.0" Hole) @ 982'  
450 sx ('C) - Circ. to Surf.

<P&A SUBSEQUENT SUNDRY>

Submit 3 Copies to Appropriate District Office

State of New Mexico  
Minerals and Natural Resources Department

Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-103  
Revised 1-1-89

WELL API NO. \_\_\_\_\_

5. Indicate Type of Lease STATE  FEE

6. State Oil & Gas Lease No. \_\_\_\_\_

7. Lease Name or Unit Agreement Name \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: GAS  OIL  OTHER SWD

2. Name of Operator: V-F PETROLEUM INC.

3. Address of Operator: ONE MARIENFELD PLACE, SUITE 580 MIDLAND, TEXAS 79701

4. Well Location: Unit Letter: M, 990 Feet From The WEST, Line and 990 Feet From The SOUTH, Section 11, Township 25S, Range 37E, NMPM LEA, 10. Elevation (Show whether DF, RKB, RT, GR, etc.): 3116.5' GR

8. Well No. 1

9. Pool name or Wildcat: JUSTIS-BLINEBRY

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK  PLUG AND ABANDON  REMEDIAL WORK  ALTERING CASING

TEMPORARILY ABANDON  CHANGE PLANS  COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT

PULL OR ALTER CASING  CASING TEST AND CEMENT JOB

OTHER: \_\_\_\_\_

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

12/5/90 Circulated hole with mud. Spotted 40 sacks of C cement at 5,150'.  
12/6/90 Tagged plug at 4,691'. Attempted to cut pipe and pull from 1,823'. Pipe pulled up 20 feet and stuck.  
12/7/90 Circulated hole with mud. Spot 40 Sacks of C cement at 1843'. Cut pipe again at 1,020 feet. Pulled 1,020' of 4 1/2" casing.  
12/8/90 Circulate hole and mix mud. Spot 40 sacks of C cement at 1,070'. Trip into hole with tubing. Got low tag. Spot another 50 sacks of C cement with 2% CaCl<sub>2</sub> WOC. Tagged plug at 820 feet. Pulled to 500 feet. Spot 50 sacks of C cement. Pulled to surface. Spot 10 Sacks at surface.  
12/10/90 Cut off wellhead, weld on dry hole marker.

R.A. Sader Oil and Gas Commission Rep.

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

SIGNATURE: *Kenneth E. Stull* TITLE: PRODUCTION TECHNICIAN DATE: 1/3/01  
TYPE OR PRINT NAME: KENNETH E. STULL TELEPHONE NO: 915-683-23

APPROVED BY: *[Signature]* TITLE: OIL & GAS COMMISSION DATE: 1/3/01

**Production (Int.) Casing**

4.5", 10.5# Csg. (7.785" Hole) @ 5553' w/ 550 sx  
TOC @ 2200' by temp.

BLBRY Perfs: 5254'-5448'

5553'  
DTD @ 5554'

Drawn by: Ben Stone, 12/05/2023



## C-108 ITEM VII – PROPOSED OPERATION

The Javelina 11-25-37 SWD #1 will be operated as a commercial disposal service to area operators to facilitate the disposal of produced water from typical producing formations in the area. Source water will typically be from Bone Spring, Wolfcamp and Delaware production. Analyses from these formations as well as the San Andres are included herein.

BC&D Operating, Inc. does not believe the proposed SWD will have any adverse impact on producing operations in the area. There is no San Andres production within one mile. The area is well east of the Delaware Mountain Group Risk Assessment area and is up on the platform.

The system will be closed utilizing a tank battery facility located on the well site as well as delivery via pipeline. The well and injection equipment will be equipped with pressure limiting devices and volume meters. The annulus, loaded with an inert, anti-corrosion packer fluid, will be monitored for pressure.

The tanks will be equipped with telemetry devices and visual alarms to alert the operator and customers of full tanks or an overflow situation. Any adverse event will be handled expeditiously and reported as the situation may require.

Injection pressure will be 724 psi with a maximum daily rate of 15,000 bwpd is being requested but average rates are expected to be approximately 10,000 bwpd. In the future, BC&D 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 for *Injection Pressure Increase*.

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 – PRODUCED WATER ANALYSES**

*Source and Disposal Waters are Reasonably Compatible.*

### **Item VII.4 – Water Analysis of Source Zone Water**

Queen, Grayburg, Delaware, Bone Spring, Wolfcamp

### **Item VII.5 – Water Analysis of Disposal Zone Water**

San Andres

*Water analysis summaries follow this page...*

**C-108 Item VII.5 - Produced Water Data  
BC&D Operating, Inc. - Javelina SWDs**

**SOURCE ZONE**

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

<b>API No</b>	3002506278	<b>Lab ID</b>	
<b>Well Name</b>	A B REEVES 002	<b>Sample ID</b>	4425
		<b>Sample No</b>	
<b>Location</b>	ULSTR 29 20 S 37 E 1980 N 660 W	<b>Lat / Long</b>	32.54547 -103.27965
		<b>County</b>	Lea
<b>Operator (when sampled)</b>			
	Field EUMONT	<b>Unit</b>	E
<b>Sample Date</b>		<b>Analysis Date</b>	
	Sample Sourc UNKNOWN	<b>Depth (if known)</b>	
	Water Typ		
ph		alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity		hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	184900	resistivity_ohm_cm_temp_l	
tds_mgL_180C		conductivity	
chloride_mgL	114000	conductivity_temp_F	
sodium_mgL		carbonate_mgL	
calcium_mgL		bicarbonate_mgL	610
iron_mgL		sulfate_mgL	700
barium_mgL		hydroxide_mgL	
magnesium_mgL		h2s_mgL	
potassium_mgL		co2_mgL	
strontium_mgL		o2_mgL	
manganese_mgL		anionremarks	
<b>Remarks</b>			

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



**C-108 Item VII.5 - Produced Water Data  
BC&D Operating, Inc. - Javelina SWDs**

**SOURCE ZONE**

**GRAYBURG**

<b>API No</b>	3002506435	<b>Lab ID</b>	
<b>Well Name</b>	HAWK B 1	<b>Sample ID</b>	3029
	012	<b>Sample No</b>	
<b>Location</b>	ULSTR 08 21 S 37 E	<b>Lat / Long</b>	32.48788 -103.18260
	660 S 1980 E	<b>County</b>	Lea
<b>Operator (when sampled)</b>	APACHE CORPORATION		
	Field	PENROSE SKELLY	Unit O
<b>Sample Date</b>	5/18/1999	<b>Analysis Date</b>	6/8/1999
	<b>Sample Sourc</b>	<b>Depth (if known)</b>	
	<b>Water Typ</b>		
ph	6.3	alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity	1.018	hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	18553.1	resistivity_ohm_cm_temp_l	
tds_mgL_180C		conductivity	
chloride_mgL	11206.1	conductivity_temp_F	
sodium_mgL	6419.51	carbonate_mgL	0
calcium_mgL	397.02	bicarbonate_mgL	252.464
iron_mgL	1.018	sulfate_mgL	102.818
barium_mgL	1.018	hydroxide_mgL	
magnesium_mgL	182.222	h2s_mgL	40.72
potassium_mgL	313.544	co2_mgL	
strontium_mgL	11.198	o2_mgL	
manganese_mgL		anionremarks	

Remarks

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



**C-108 Item VII.5 - Produced Water Data  
BC&D Operating, Inc. - Javelina SWDs**

**SOURCE ZONE**

**GRAYBURG-SAN ANDRES**

<b>API No</b>	3002504266	<b>Lab ID</b>	
<b>Well Name</b>	EUNICE MONUMENT SOUTH U 890	<b>Sample ID</b>	3508
		<b>Sample No</b>	
<b>Location</b>	ULSTR 14 20 S 36 E 660 S 660 E	<b>Lat / Long</b>	32.56718 -103.31810
		<b>County</b>	Lea
<b>Operator (when sampled)</b>	CHEVRON USA INC.		
	Field EUNICE MONUMENT	<b>Unit</b>	P
<b>Sample Date</b>	1/12/2000	<b>Analysis Date</b>	1/14/2000
	<b>Sample Sourc</b>	<b>Depth (if known)</b>	
	<b>Water Typ</b>		
ph	6.38	alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity	1.017	hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	20081.8	resistivity_ohm_cm_temp_l	
tds_mgL_180C		conductivity	
chloride_mgL	10711	conductivity_temp_F	
sodium_mgL	5568.07	carbonate_mgL	0
calcium_mgL	1112.6	bicarbonate_mgL	1342.44
iron_mgL	0.4068	sulfate_mgL	931.572
barium_mgL	0.5085	hydroxide_mgL	
magnesium_mgL	466.803	h2s_mgL	
potassium_mgL	277.641	co2_mgL	
strontium_mgL	12.204	o2_mgL	
manganese_mgL		anionremarks	

Remarks

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



**C-108 Item VII.5 - Produced Water Data  
BC&D Operating, Inc. - Javelina SWDs**

**SOURCE ZONE**

**BLINEBRY**

<b>API No</b>	3002510462	<b>Lab ID</b>	
<b>Well Name</b>	ALLIE M LEE	<b>Sample ID</b>	4013
	001	<b>Sample No</b>	
<b>Location</b>	ULSTR 26 22 S 37 E	<b>Lat / Long</b>	32.36184 -103.12585
	2310 S 330 E	<b>County</b>	Lea
<b>Operator (when sampled)</b>			
	Field BLINEBRY	<b>Unit I</b>	
<b>Sample Date</b>		<b>Analysis Date</b>	
	Sample Sourc DST	<b>Depth (if known)</b>	
	Water Typ		
ph		alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity		hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	143024	resistivity_ohm_cm_temp_l	
tds_mgL_180C		conductivity	
chloride_mgL	86800	conductivity_temp_F	
sodium_mgL		carbonate_mgL	
calcium_mgL		bicarbonate_mgL	279
iron_mgL		sulfate_mgL	1500
barium_mgL		hydroxide_mgL	
magnesium_mgL		h2s_mgL	
potassium_mgL		co2_mgL	
strontium_mgL		o2_mgL	
manganese_mgL		anionremarks	
<b>Remarks</b>			

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



**C-108 Item VII.5 - Produced Water Data  
BC&D Operating, Inc. - Javelina SWDs**

**SOURCE ZONE**

**BONE SPRING**

<b>API No</b>	3002527250	<b>Lab ID</b>	
<b>Well Name</b>	BERRY APN STATE 001	<b>Sample ID</b>	5840
		<b>Sample No</b>	
<b>Location</b>	ULSTR 05 21 S 34 E 1980 S 660 W	<b>Lat / Long</b>	32.50569 -103.49786
		<b>County</b>	Lea
<b>Operator (when sampled)</b>	YATES PETROLEUM CORPORATION		
	<b>Field</b>	BERRY NORTH	<b>Unit</b> L
<b>Sample Date</b>	11/18/1999	<b>Analysis Date</b>	12/1/1999
	<b>Sample Sourc</b>	<b>Depth (if known)</b>	
	<b>Water Typ</b>		
ph	6.2	alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity	1.123	hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	192871	resistivity_ohm_cm_temp_l	
tds_mgL_180C		conductivity	
chloride_mgL	132048	conductivity_temp_F	
sodium_mgL	67071.2	carbonate_mgL	0
calcium_mgL	12761.8	bicarbonate_mgL	162.835
iron_mgL	96.578	sulfate_mgL	444.708
barium_mgL	1.123	hydroxide_mgL	
magnesium_mgL	1372.31	h2s_mgL	3.369
potassium_mgL	2080.92	co2_mgL	
strontium_mgL	554.762	o2_mgL	0
manganese_mgL		anionremarks	
<b>Remarks</b>			

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



**C-108 Item VII.5 - Produced Water Data  
BC&D Operating, Inc. - Javelina SWDs**

**SOURCE ZONE**

**DELAWARE**

<b>API No</b>	3002508489	<b>Lab ID</b>	
<b>Well Name</b>	BELL LAKE UNIT	<b>Sample ID</b>	4296
	002	<b>Sample No</b>	
<b>Location</b>	ULSTR 30 23 S 34 E	<b>Lat / Long</b>	32.27001 -103.51086
	660 S 3300 E	<b>County</b>	Lea
<b>Operator (when sampled)</b>			
	Field SWD	<b>Unit</b>	N
<b>Sample Date</b>		<b>Analysis Date</b>	
	<b>Sample Sourc</b> UNKNOWN	<b>Depth (if known)</b>	
	<b>Water Typ</b>		
ph		alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity		hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	52115	resistivity_ohm_cm_temp_l	
tds_mgL_180C		conductivity	
chloride_mgL	32200	conductivity_temp_F	
sodium_mgL		carbonate_mgL	
calcium_mgL		bicarbonate_mgL	451
iron_mgL		sulfate_mgL	529
barium_mgL		hydroxide_mgL	
magnesium_mgL		h2s_mgL	
potassium_mgL		co2_mgL	
strontium_mgL		o2_mgL	
manganese_mgL		anionremarks	
<b>Remarks</b>			

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



**C-108 Item VII.5 - Produced Water Data  
BC&D Operating, Inc. - Javelina SWDs**

**DISPOSAL ZONE**

**SAN ANDRES**

<b>API No</b>	3002523756	<b>Lab ID</b>	
<b>Well Name</b>	LOU WORTHAM 006	<b>Sample ID</b>	3027
		<b>Sample No</b>	
<b>Location</b>	ULSTR 11 22 S 37 E 2310 N 380 W	<b>Lat / Long</b>	32.40711 -103.14079
		<b>County</b>	Lea
<b>Operator (when sampled)</b>	ANADARKO PETROLEUM CORP.		
	Field	EUNICE SOUTH	Unit E
<b>Sample Date</b>	2/19/1998	<b>Analysis Date</b>	3/2/1998
	<b>Sample Sourc</b>	<b>Depth (if known)</b>	
	<b>Water Typ</b>		
ph	7.85	alkalinity_as_caco3_mgL	
ph_temp_F		hardness_as_caco3_mgL	
specificgravity	1.011	hardness_mgL	
specificgravity_temp_F		resistivity_ohm_cm	
tds_mgL	14823.9	resistivity_ohm_cm_temp_l	
tds_mgL_180C		conductivity	
chloride_mgL	7018.36	conductivity_temp_F	
sodium_mgL	4620.27	carbonate_mgL	0
calcium_mgL	331.608	bicarbonate_mgL	2343.5
iron_mgL	2.022	sulfate_mgL	207.255
barium_mgL	0.7077	hydroxide_mgL	
magnesium_mgL	199.167	h2s_mgL	192.09
potassium_mgL	243.651	co2_mgL	
strontium_mgL	20.22	o2_mgL	
manganese_mgL		anionremarks	
<b>Remarks</b>			

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



## **C-108 ITEM X – LOGS and AVAILABLE TEST DATA**

A Cross-Section presentation with offsetting wells to the northwest and southeast of the proposed SWD to identify the approximate San Andres interval.

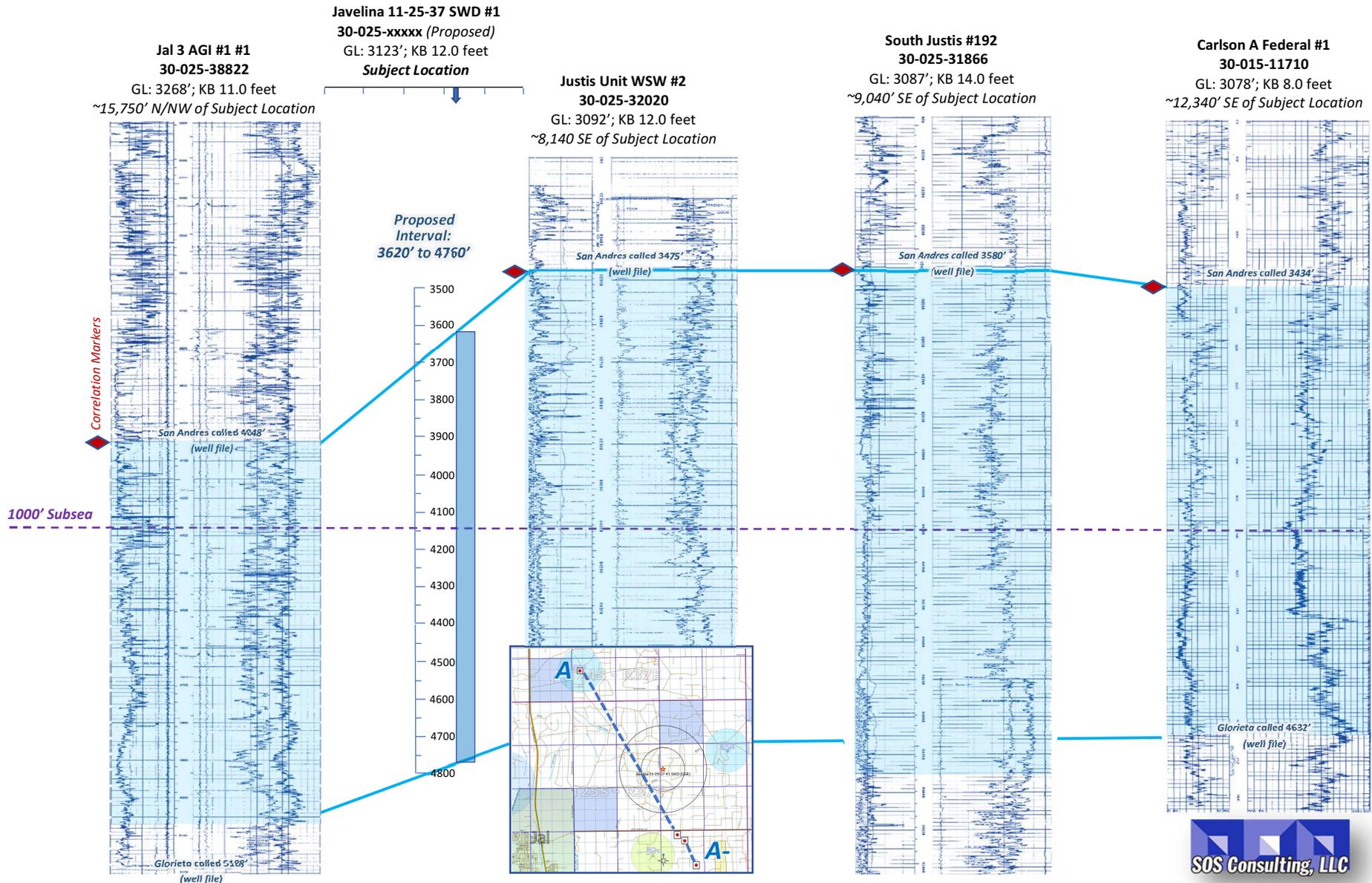
*New logs will be run to positively identify the target intervals within the described maximum top and bottom depths.*

**Cross-Section follows...**

# BC&D Operating, Inc. – Javelina 11-25-37 SWD #1

## Log Cross-Section for San Andres Target Interval

Logs from 4 offsetting wells were reviewed and correlated with the subject interval as goal. Based on the correlation, BC&D is targeting an overall injection interval from approximately 3650 feet to 4780 feet which will be verified upon analyses of new logs including mudlogs.



## C-108 - Item VIII

### Geological Data

The proposed well location on the Central Basin Platform is east of and adjacent to the Delaware Basin. The San Andres offers the best choice for a long-life disposal in this well bore.

Typically the basal member of the San Andres consists of dense zone of dolomite. Above this zone, in the center of the San Andres belt on the Central basin platform and the Northwestern shelf, the San Andres formation consists of limestone and arkosic sands, 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*).

Rocks consist of porous and permeable dolomitized carbonates, limestone and finegrained sandstone. They include skeletal grainstones, dolomite, limestone, calcareous and silty sandstones, sponge and algal dolomitized limestone, dolomitized mud and wackestone, and vuggy to cavernous carbonate beds. Carbonate rocks were deposited in open to restricted platforms and platform margins associated with sea-level fluctuations, shelf-margin reef development, evaporites, and sabkha deposits. Reservoir quality is enhanced by selective dolomitization, dissolution, fracturing, and leaching. Reservoirs are contained in the Permian Guadalupian San Andres, Grayburg, Queen, Seven Rivers, and Yates Formations. Individual [formation] thicknesses may range up to hundreds of feet; overall porosities average 12 percent and permeabilities average 18 mD. (*Ball, 1995*).

The San Andres is overlain by the Grayburg and Queen formations and underlain by the Glorieta formation. Some distance is allowed between transitions as no classic sealing strata is present. However, there are some shaley trends above and below the identified interval that will enhance confinement. The perforated completion allows for essential targeting and will assist in preventing upward or downward migration of injected fluids. Overall, the requested interval of 3620 feet to 4760 feet offers good probability of achieving the average desired capacity of 15,000 bwpd.

While much of the production in the area has been plugged out, historically, producing horizons were generally in the Artesia Group including Tansil, Yates, Seven Rivers, Queen and Grayburg. There are 2 active producing wells and 1 injection well within one-half mile of the proposed SWD.

e-Permitting  
C-108 Submittal

Attachment Category

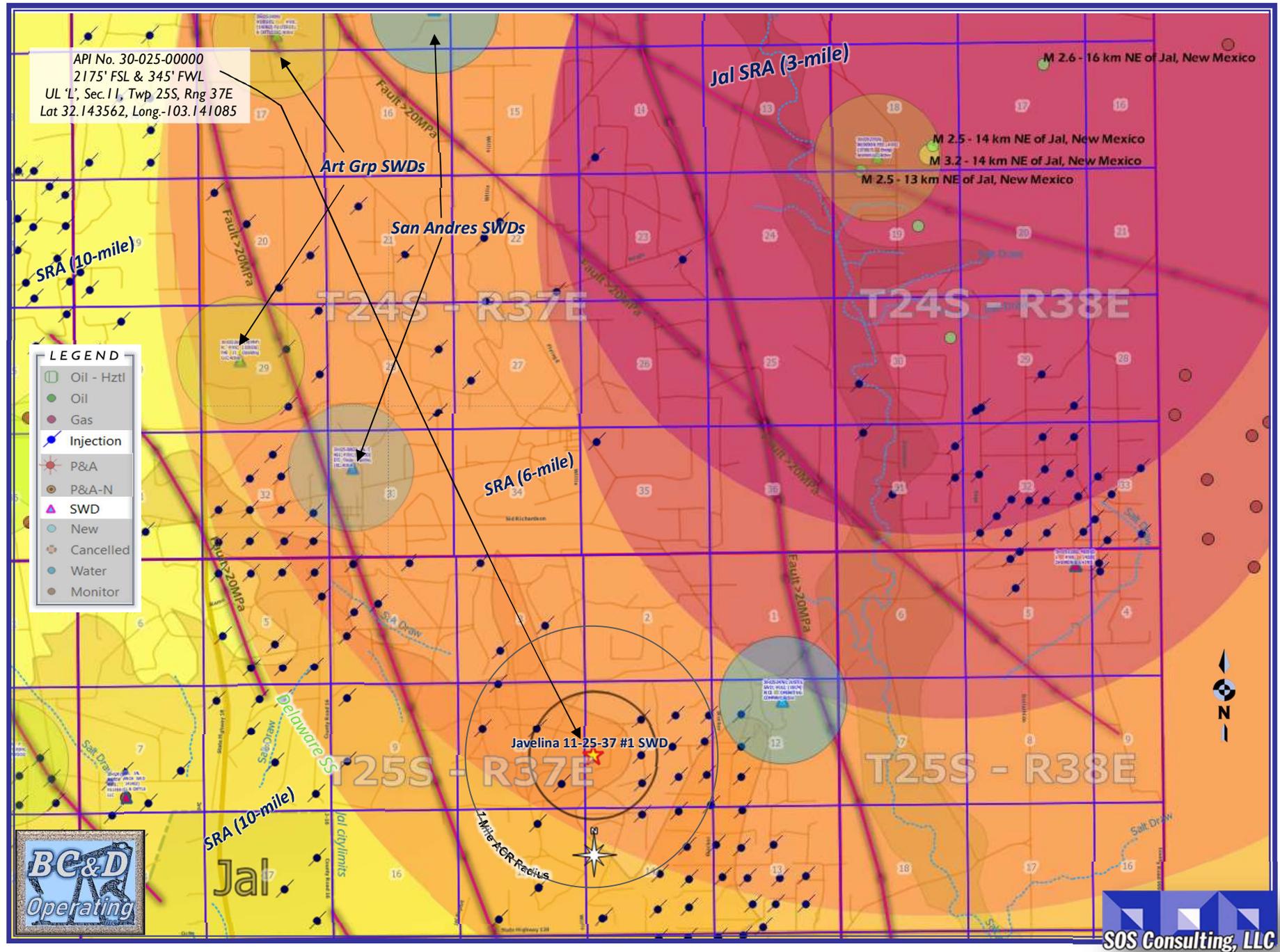
Seismicity Analysis

For High Volume Devonian Wells

**NOT APPLICABLE TO THIS SHALLOW SWD PROSPECT**

# Javelina 11-25-37 #1 SWD – Regional Map Seismic Features

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



## **C-108 ITEM XI**

Water Wells within Area of Review  
and  
Groundwater Information for Area

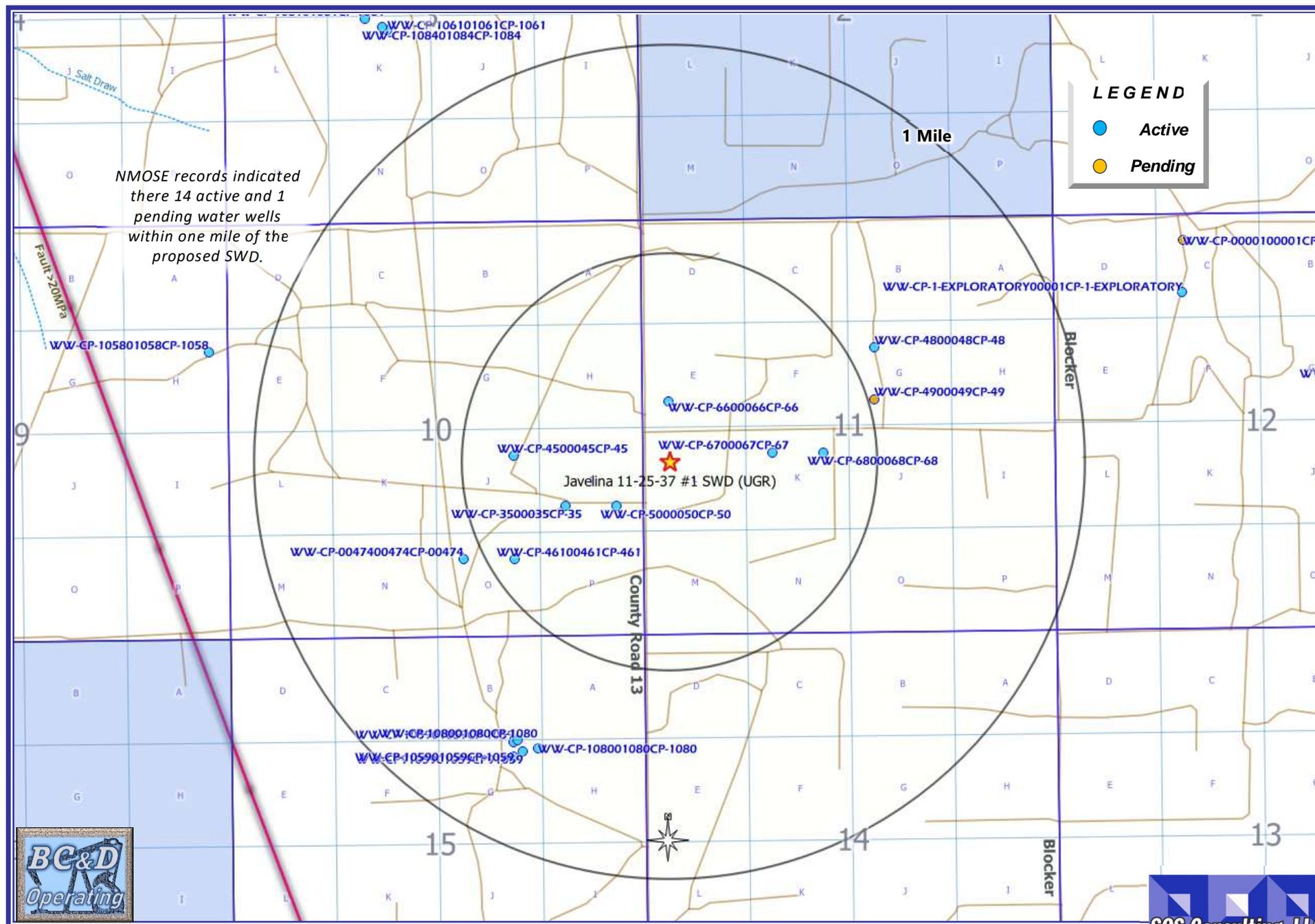
Water Well Map – 1-Mile Area of Review

Fresh Water Analysis if Applicable

*Various Standard Exhibits in Support of Domestic/ Fresh Water Well Data  
and Groundwater Information Follow this Page...*

# Javelina 11-25-37 #1 SWD – 1-Mile AOR Water Wells

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





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

September 14, 2023

DONNIE HILL JR.  
BC & D OPERATING  
P. O. BOX 302  
HOBBS, NM 88241

RE: JAVELINA SWD #1

Enclosed are the results of analyses for samples received by the laboratory on 09/05/23 12:03.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2      Total Haloacetic Acids (HAA-5)  
Method EPA 524.2      Total Trihalomethanes (TTHM)  
Method EPA 524.4      Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B      Total Coliform and E. coli (Colilert MMO-MUG)  
Method EPA 524.2      Regulated VOCs and Total Trihalomethanes (TTHM)  
Method EPA 552.2      Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene  
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

BC & D OPERATING P. O. BOX 302 HOBBS NM, 88241	Project: JAVELINA SWD #1 Project Number: JAVELINA 9-25-37 #1 SWD Project Manager: DONNIE HILL JR. Fax To: (575) 942-2005	Reported: 14-Sep-23 08:37
--	---	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WWCP 35000 35	H234781-01	Water	05-Sep-23 11:00	05-Sep-23 12:03

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

BC & D OPERATING P. O. BOX 302 HOBBS NM, 88241	Project: JAVELINA SWD #1 Project Number: JAVELINA 9-25-37 #1 SWD Project Manager: DONNIE HILL JR. Fax To: (575) 942-2005	Reported: 14-Sep-23 08:37
--	---	------------------------------

**WWCP 35000 35  
H234781-01 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

Alkalinity, Bicarbonate	220		5.00	mg/L	1	3080401	AC	05-Sep-23	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	3080401	AC	05-Sep-23	310.1	
Chloride*	248		4.00	mg/L	1	3082138	AC	05-Sep-23	4500-Cl-B	
Conductivity*	1570		1.00	umhos/cm @ 25°C	1	3090512	AC	05-Sep-23	120.1	
pH*	7.76		0.100	pH Units	1	3090512	AC	05-Sep-23	150.1	
Temperature °C	19.1			pH Units	1	3090512	AC	05-Sep-23	150.1	
Sulfate*	276		50.0	mg/L	5	3090702	AC	07-Sep-23	375.4	QM-07
TDS*	971		5.00	mg/L	1	3082401	AC	07-Sep-23	160.1	
Alkalinity, Total*	180		4.00	mg/L	1	3080401	AC	05-Sep-23	310.1	

**Green Analytical Laboratories**

**Total Recoverable Metals by ICP (E200.7)**

Calcium*	86.5		2.00	mg/L	10	B232702	AES	12-Sep-23	EPA200.7	
Magnesium*	50.5		1.00	mg/L	10	B232702	AES	12-Sep-23	EPA200.7	
Potassium*	<10.0		10.0	mg/L	10	B232702	AES	12-Sep-23	EPA200.7	
Sodium*	121		10.0	mg/L	10	B232702	AES	12-Sep-23	EPA200.7	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

BC & D OPERATING P. O. BOX 302 HOBBS NM, 88241	Project: JAVELINA SWD #1 Project Number: JAVELINA 9-25-37 #1 SWD Project Manager: DONNIE HILL JR. Fax To: (575) 942-2005	Reported: 14-Sep-23 08:37
--	---	------------------------------

**Inorganic Compounds - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 3080401 - General Prep - Wet Chem**

**Blank (3080401-BLK1)** Prepared & Analyzed: 04-Aug-23

Alkalinity, Carbonate	ND	1.00	mg/L							
Alkalinity, Bicarbonate	5.00	5.00	mg/L							
Alkalinity, Total	4.00	4.00	mg/L							

**LCS (3080401-BS1)** Prepared & Analyzed: 04-Aug-23

Alkalinity, Carbonate	ND	2.50	mg/L				80-120			
Alkalinity, Bicarbonate	330	12.5	mg/L				80-120			
Alkalinity, Total	270	10.0	mg/L	250		108	80-120			

**LCS Dup (3080401-BSD1)** Prepared & Analyzed: 04-Aug-23

Alkalinity, Carbonate	ND	2.50	mg/L				80-120		20	
Alkalinity, Bicarbonate	330	12.5	mg/L				80-120	0.00	20	
Alkalinity, Total	270	10.0	mg/L	250		108	80-120	0.00	20	

**Batch 3082138 - General Prep - Wet Chem**

**Blank (3082138-BLK1)** Prepared & Analyzed: 21-Aug-23

Chloride	ND	4.00	mg/L							
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**LCS (3082138-BS1)** Prepared & Analyzed: 21-Aug-23

Chloride	100	4.00	mg/L	100		100	80-120			
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**LCS Dup (3082138-BSD1)** Prepared & Analyzed: 21-Aug-23

Chloride	104	4.00	mg/L	100		104	80-120	3.92	20	
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**Batch 3082401 - Filtration**

**Blank (3082401-BLK1)** Prepared: 24-Aug-23 Analyzed: 25-Aug-23

TDS	ND	5.00	mg/L							
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Cardinal Laboratories

\*=Accredited Analyte

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

BC & D OPERATING P. O. BOX 302 HOBBS NM, 88241	Project: JAVELINA SWD #1 Project Number: JAVELINA 9-25-37 #1 SWD Project Manager: DONNIE HILL JR. Fax To: (575) 942-2005	Reported: 14-Sep-23 08:37
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**Inorganic Compounds - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 3082401 - Filtration**

**LCS (3082401-BS1)** Prepared: 24-Aug-23 Analyzed: 25-Aug-23

TDS	543		mg/L	500		109	80-120			
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**Duplicate (3082401-DUP1)** Source: H234523-01 Prepared: 24-Aug-23 Analyzed: 25-Aug-23

TDS	875	5.00	mg/L		889			1.59	20	
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**Batch 3090512 - General Prep - Wet Chem**

**LCS (3090512-BS1)** Prepared & Analyzed: 05-Sep-23

pH	7.17		pH Units	7.00		102	90-110			
----	------	--	----------	------	--	-----	--------	--	--	--

Conductivity	493		uS/cm	500		98.6	80-120			
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**Duplicate (3090512-DUP1)** Source: H234781-01 Prepared & Analyzed: 05-Sep-23

pH	7.79	0.100	pH Units		7.76			0.386	20	
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Conductivity	1570	1.00	umhos/cm @ 25°C		1570			0.446	20	
--------------	------	------	-----------------	--	------	--	--	-------	----	--

Temperature °C	19.0		pH Units		19.1			0.525	200	
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**Batch 3090702 - General Prep - Wet Chem**

**Blank (3090702-BLK1)** Prepared & Analyzed: 07-Sep-23

Sulfate	ND	10.0	mg/L							
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**LCS (3090702-BS1)** Prepared & Analyzed: 07-Sep-23

Sulfate	17.3	10.0	mg/L	20.0		86.5	80-120			
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**LCS Dup (3090702-BSD1)** Prepared & Analyzed: 07-Sep-23

Sulfate	18.5	10.0	mg/L	20.0		92.3	80-120	6.49	20	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

BC & D OPERATING P. O. BOX 302 HOBBS NM, 88241	Project: JAVELINA SWD #1 Project Number: JAVELINA 9-25-37 #1 SWD Project Manager: DONNIE HILL JR. Fax To: (575) 942-2005	Reported: 14-Sep-23 08:37
--	---	------------------------------

**Total Recoverable Metals by ICP (E200.7) - Quality Control**

**Green Analytical Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch B232702 - Total Recoverable by ICP**

**Blank (B232702-BLK1)**

Prepared: 11-Sep-23 Analyzed: 12-Sep-23

Magnesium	ND	0.100	mg/L							
Calcium	ND	0.200	mg/L							
Sodium	ND	1.00	mg/L							
Potassium	ND	1.00	mg/L							

**LCS (B232702-BS1)**

Prepared: 11-Sep-23 Analyzed: 12-Sep-23

Sodium	1.63	1.00	mg/L	1.62		101	85-115			
Potassium	3.81	1.00	mg/L	4.00		95.3	85-115			
Magnesium	9.60	0.100	mg/L	10.0		96.0	85-115			
Calcium	1.91	0.200	mg/L	2.00		95.3	85-115			

**LCS Dup (B232702-BSD1)**

Prepared: 11-Sep-23 Analyzed: 12-Sep-23

Potassium	3.79	1.00	mg/L	4.00		94.8	85-115	0.561	20	
Calcium	1.93	0.200	mg/L	2.00		96.5	85-115	1.27	20	
Sodium	1.63	1.00	mg/L	1.62		100	85-115	0.386	20	
Magnesium	9.75	0.100	mg/L	10.0		97.5	85-115	1.53	20	

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

\*=Accredited Analyte

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State: zip:

Phone #:

Fax #:

Company Name: BEED OPERATING, INC.  
Project Manager: Donnie Hill Jr  
Address: PO Box 302  
City: Hobbs State: N.M. Zip: 88240  
Phone #: 575-390-1207 Fax #:  
Project #:  
Project Name: Javelina SWD #1  
Project Location: Javelina 9-25-37 #1 SWD  
Sampler Name: Donnie Hill Jr / Phillip Little

Project Owner: BEED

FOR LAB USE ONLY

MATRIX PRESERV. SAMPLING

Lab I.D. Sample I.D.

H234781 WWCP 35000 35

(G)RAB OR (C)OMP. # CONTAINERS  
GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:  
ACID/BASE: ICE / COOL OTHER:

DATE TIME  
9/5/23 11:00 AM

Atens : Catons

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Relinquished By: Donnie Hill Jr

Date: 9/5/2023 Received By: Donnie Hill Jr

Time: 12:03 PM Date: 9/5/23 Time: 11:00 AM

Delivered By: (Circle One)

Observed Temp. °C

Corrected Temp. °C

Sample Condition Cool Intact

CHECKED BY: (Initials)

Turnaround Time:

Standard RUSH

Bacteria (only) Cool Intact

Sample Condition Observed Temp. °C

Sampler - UPS - Bus - Other:

Corrected Temp. °C

Cool Intact

CHECKED BY: (Initials)

Thermometer ID #140 Correction Factor 0°C

Standard RUSH

Cool Intact

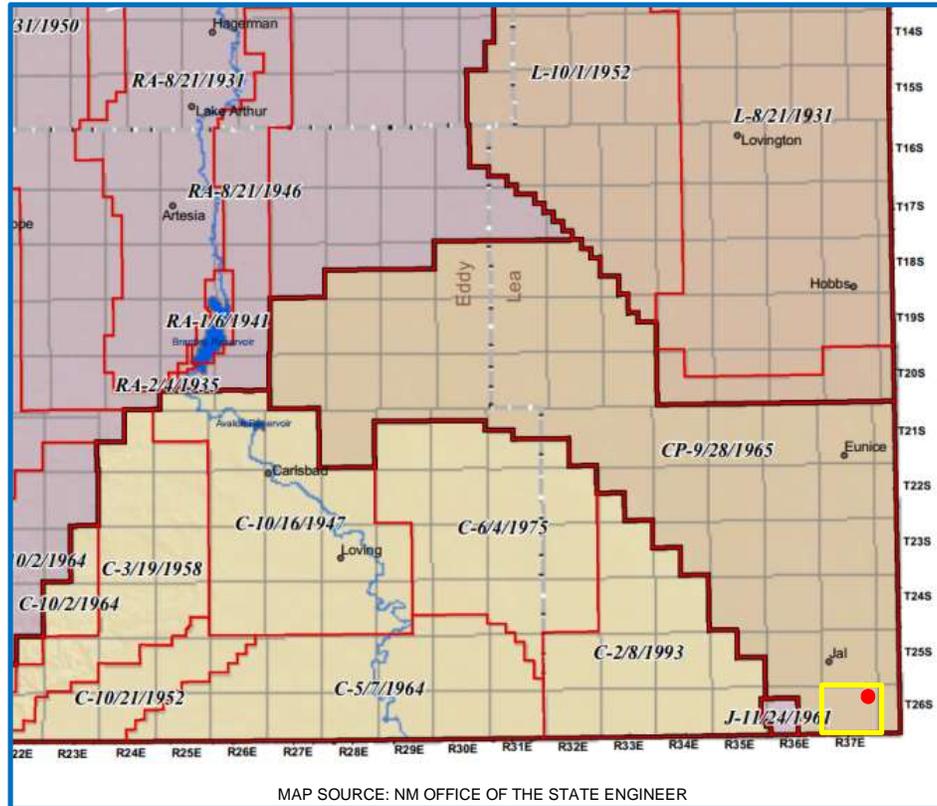
Sample Condition Observed Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to cely.keene@cardinalabsnm.com

REMARKS: Donnie Hill Jr Phillips & well consultants room

### C-108 - Item XI

#### Groundwater Basins - Water Column / Depth to Groundwater



The subject well is located within the Capitan Basin, 2 townships east of the Carlsbad Basin.

Fresh water in the area is generally available from the Ogallala; High Plains Aquifer. State Engineer’s records show water wells in 26S-37E with an average depth to water at 212 feet.

There is one (1) water well located within one mile of the proposed SWD and the analysis is included.



## 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: BC&D Operating, Inc.  
Javelina 11-25-37 and 15-25-37  
Reviewed 12/03/2023

## **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

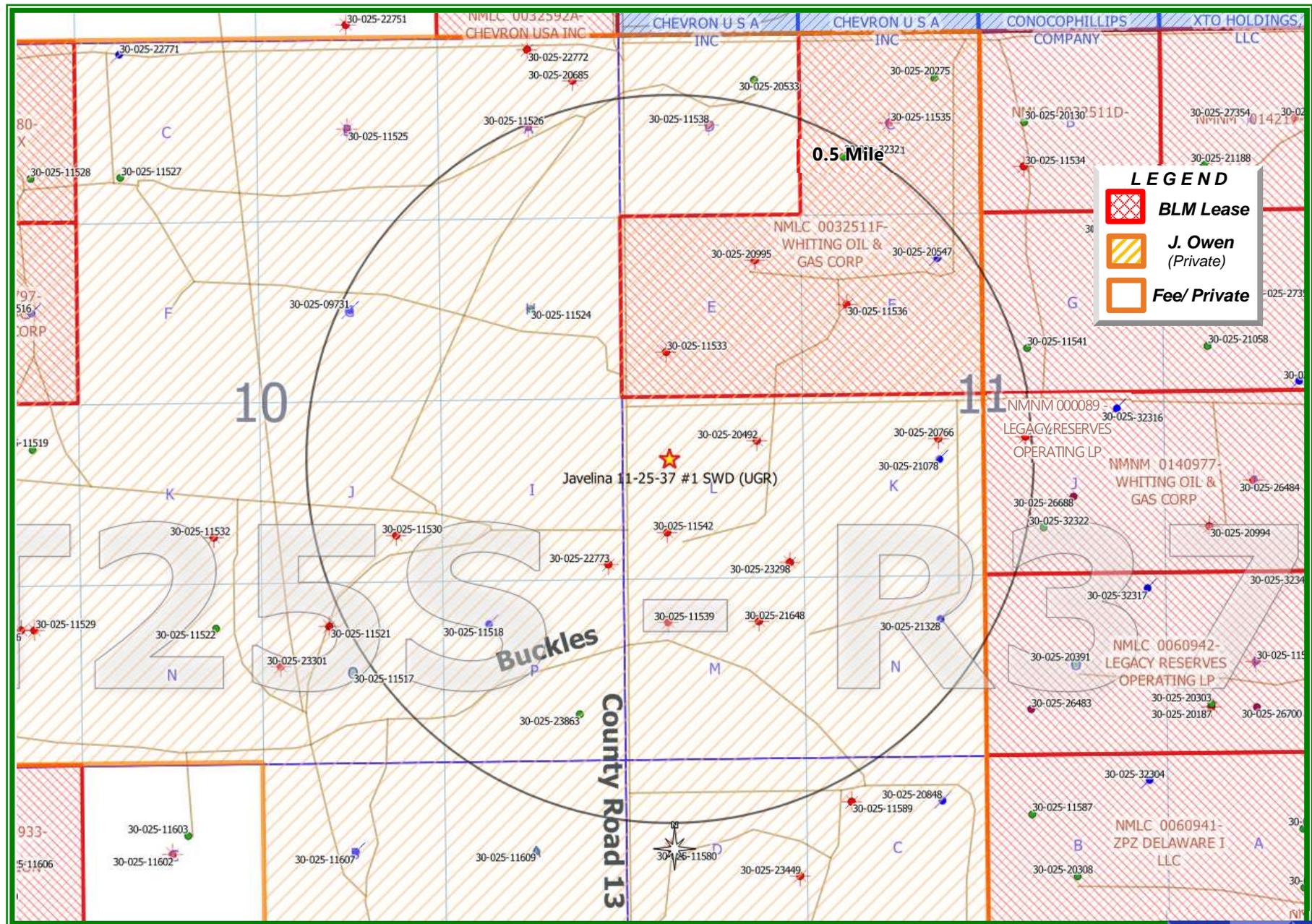
Instructions for PDF Document Access

Proof of Certified Mailing

Affidavit Published Legal Notice

# Javelina 11-25-37 SWD #1 – Leasehold/ Affected Parties Plat

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



**LEGEND**

-  **BLM Lease**
-  **J. Owen (Private)**
-  **Fee/ Private**



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

**ALL AFFECTED PARTIES ARE PROVIDED A NOTICE LETTER VIA US CERTIFIED MAIL CONTAINING UNIQUE 6 CHARACTER DOCUMENT ACCESS CODES FOR SECURE DOWNLOAD OF A PDF COPY OF THE SUBJECT C-108 APPLICATION. AFFECTED PARTIES MAY ALSO REQUEST A PDF COPY VIA SENT EMAIL.**

"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**

NOTICE #	ENTITY	US CERTIFIED TRACKING	SOS DOC ACCESS CODE
1	<b>Johnny M. Owen</b> P.O. Box 1013 Jal, NM 88252	7018 2290 0001 2038 8302	<input checked="" type="checkbox"/>

**OFFSET MINERALS LESSEES and/ or OPERATORS**

2	<b>LEGACY RESERVES OPERATING</b> 15 Smith Rd., Ste.3000 Midland TX 79705	7018 2290 0001 2038 8319	<input checked="" type="checkbox"/>
3	<b>BXP OPERATING, LLC</b> 11757 Katy Fwy, Ste.475 Houston, TX 77079-1761	7018 2290 0001 2038 8326	<input checked="" type="checkbox"/>
4	<b>SABINAL ENERGY OPERATING, LLC</b> 1780 Hughes Landing Blvd., Ste.1200 The Woodlands, Texas 77380-4024	7018 2290 0001 2038 8333	<input checked="" type="checkbox"/>
5	<b>TEAM OPERATING, LLC</b> PO Box 853 Pinehurst, TX 77362	7018 2290 0001 2038 8357	<input checked="" type="checkbox"/>

**REGULATORY**

6	<b>NM OIL CONSERVATION DIVISION</b> 1220 S. St. Francis Dr. Santa Fe, NM 87505	<i>Filed via OCD Online e-Permitting</i>
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December 14, 2023

**NOTIFICATION TO INTERESTED PARTIES**  
**via U.S. Certified Mail – Return Receipt Requested**

To Whom It May Concern:

BC&D Operating, Inc., Hobbs, New Mexico, has made application to the New Mexico Oil Conservation Division to permit for salt water disposal the Javelina 11-25-37 SWD #1. The SWD operation will be for commercial disposal for area operations. As indicated in the notice below, the well is located in Section 11, Township 25 South, Range 37 East in Lea County, New Mexico.

The published notice states that the interval will be from 3,620 feet to 4,760 feet into the San Andres formation. Following is the notice published in the Hobbs News-Sun, Hobbs, New Mexico on or about December 7, 2023.

**LEGAL NOTICE**

BC&D Operating, Inc., Hobbs, New Mexico is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to permit for salt water disposal its Javelina 11-25-37 SWD #1 (API No.30-025-TBD). The well will be located 2175 feet from the South line and 345 feet from the West line (Unit L) of Section 11, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico. Produced water from area operators' production will be commercially disposed into the San Andres formation through perforations from 3620' to 4760' at a maximum surface pressure of 724 psi, maximum daily rate of 15,000 bwpd and an average rate of 12,500 bwpd. The subject SWD well is located approximately 3.6 miles northeast of Jal, New Mexico.

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. SOS Consulting has deployed a new app for the explicit secure delivery of a full PDF copy of the application. Any user employed with **Affected Party** may log into the system and when prompted for a *Document Access Code*, enter **0000XX** to View or Download the document as desired. Using the *SOS Client and Affected Party Document Access* app takes about one minute, start to finish instructions are included, and only name, email and company name are needed to access the system.

Thank you for your attention in this matter.

Best regards,

A handwritten signature in blue ink, appearing to read 'Ben Stone', is written over a white background.

Ben Stone, SOS Consulting, LLC  
Agent for BC&D Operating, Inc.

Cc: Application File

# C-108 - Item XIV

## Proof of Notice (Certified Mail Receipts)

7018 2290 0001 2038 8302

**U.S. Postal Service™  
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Jal, NM 88252

**OFFICIAL USE**

Certified Mail Fee	\$4.35	0360
Extra Services & Fees (check box, add fee as appropriate)	\$3.55	05
<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	\$0.66	
<b>Total Postage and Fees</b>	<b>\$8.56</b>	12/15/2023

Sent To

Street: Johnny M. Owen  
City, State: P.O. Box 1013  
PS Form: Jal, NM 88252

7018 2290 0001 2038 8333

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Springs, TX 77380

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Extra Services & Fees (check box, add fee as appropriate)	\$3.55	05
<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	\$0.66	
<b>Total Postage and Fees</b>	<b>\$8.56</b>	12/15/2023

Sent To

Street and A: SABINAL ENERGY OPERATING, LLC  
City, State, Z: 1780 Hughes Landing Blvd., Ste.1200  
PS Form 38: The Woods, Texas 77380-4024

7018 2290 0001 2038 8326

**U.S. Postal Service™  
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Houston, TX 77079

**OFFICIAL USE**

Certified Mail Fee	\$4.35	0360
Extra Services & Fees (check box, add fee as appropriate)	\$3.55	05
<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	\$0.66	
<b>Total Postage and Fees</b>	<b>\$8.56</b>	12/15/2023

Sent To

Street and: BXP PARTNERS V LP  
City, State: 11757 Katy Fwy, Ste.475  
PS Form: Houston, TX 77079-1761

7018 2290 0001 2038 8319

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Midland, TX 79705

**OFFICIAL USE**

Certified Mail Fee	\$4.35	0360
Extra Services & Fees (check box, add fee as appropriate)	\$3.55	05
<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	\$0.66	
<b>Total Postage and Fees</b>	<b>\$8.56</b>	12/15/2023

Sent To

Street ar: LEGACY RESERVES OPERATING  
City, Sta: 15 Smith Rd., Ste.3000  
PS Form: Midland TX 79705

7018 2290 0001 2038 8340

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Carlsbad, NM 88220

**OFFICIAL USE**

Certified Mail Fee	\$4.35	0360
Extra Services & Fees (check box, add fee as appropriate)	\$3.55	05
<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	\$0.66	
<b>Total Postage and Fees</b>	<b>\$8.56</b>	12/15/2023

Sent To

Street and A: Bureau of Land Management  
City, State, Z: Oil & Gas Division  
PS Form 38: 620 E. Greene St.  
Carlsbad, NM 88220

7018 2290 0001 2038 8357

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Pinehurst, TX 77362

**OFFICIAL USE**

Certified Mail Fee	\$4.35	0360
Extra Services & Fees (check box, add fee as appropriate)	\$3.55	05
<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	\$0.66	
<b>Total Postage and Fees</b>	<b>\$8.56</b>	12/18/2023

Sent To

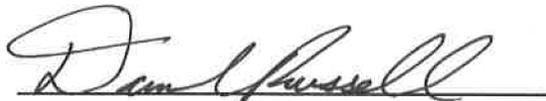
Street and: Team Operating, LLC  
City, State: PO Box 853  
PS Form: Pinehurst, TX 77362

# Affidavit of Publication

STATE OF NEW MEXICO  
COUNTY OF LEA

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

Beginning with the issue dated  
December 07, 2023  
and ending with the issue dated  
December 07, 2023.

  
\_\_\_\_\_  
Publisher

Sworn and subscribed to before me this  
7th day of December 2023.

  
\_\_\_\_\_  
Business Manager

My commission expires  
January 29, 2027

(Seal) STATE OF NEW MEXICO  
NOTARY PUBLIC  
GUSSIE RUTH BLACK  
COMMISSION # 1087526  
COMMISSION EXPIRES 01/29/2027

**LEGAL NOTICE**  
**December 7, 2023**

BC&D Operating, Inc., Hobbs, New Mexico is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to permit for salt water disposal its Javelina 11-25-37 SWD #1 (API No.30-025-TBD). The well will be located 2175 feet from the South line and 345 feet from the West line (Unit L) of Section 11, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico. Produced water from area operators' production will be commercially disposed into the San Andres formation through perforations from 3620' to 4760' at a maximum surface pressure of 724 psi, maximum daily rate of 15,000 bwpd and an average rate of 12,500 bwpd. The subject SWD well is located approximately 3.6 miles northeast of Jal, New Mexico.

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#00285555

67104420 00285555

BEN STONE  
SOS CONSULTING, LLC.  
21 RED OAK CIRCLE  
POINT BLANK, TX 77364

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

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

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

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 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 314024

**CONDITIONS**

Operator: BC & D OPERATING INC. 2702 N. Grimes ST B Hobbs, NM 88240	OGRID: 25670
	Action Number: 314024
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

**CONDITIONS**

Created By	Condition	Condition Date
mgebremichael	None	2/13/2024