AE Order Number Banner

Application Number: pMSG2404451546

SWD-2594

BC & D OPERATING INC. [25670]

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:

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 1-26-37 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

FOR OCD ONLY
☐ Notice Complete
☐ Application Content Complete

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

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.

~~10/18/2023~~ 10/29/2023
Date

Ben Stone
Print or Type Name

903-377-5696
Phone Number

Signature

ben@sosconsulting.us
e-mail Address

SOS Consulting, LLC
Oil & Gas Accounting - Regulatory Processing Assistance - Oil Field Technical Assistance

October 18, 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 1-26-37 SWD #1, (API 30-025-xxxxx) located in Section 1, Township 26 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 October 12, 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 split-estate; private land and federal 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,

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 5 wells 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. ***2 P&A wells penetrate, P&A diagrams are ATTACHED + 1 Pending P&A (sundry intent apprv'd).***

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 NO water wells within one mile of the proposed SWD well per OSE data.***

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 2 offset lessees and/or operators within ONE mile plus Federal minerals - all have been noticed. Location is PRIVATE (split estate).***

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: 10/29/2023 ~~***10/18/2023***~~

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.

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

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-XXXXX	96121	SWD; San Andres

[4] Property Code	[5] Property Name	[6] Well Number
TBD	Javelina 1-26-37 SWD	1

[7] OGRID No.	[8] Operator Name	[9] Elevation
25670	BC&D Operating, Inc.	3026'

[10] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	1	26S	37E		2430'	FSL	1495'	FEL	Lea

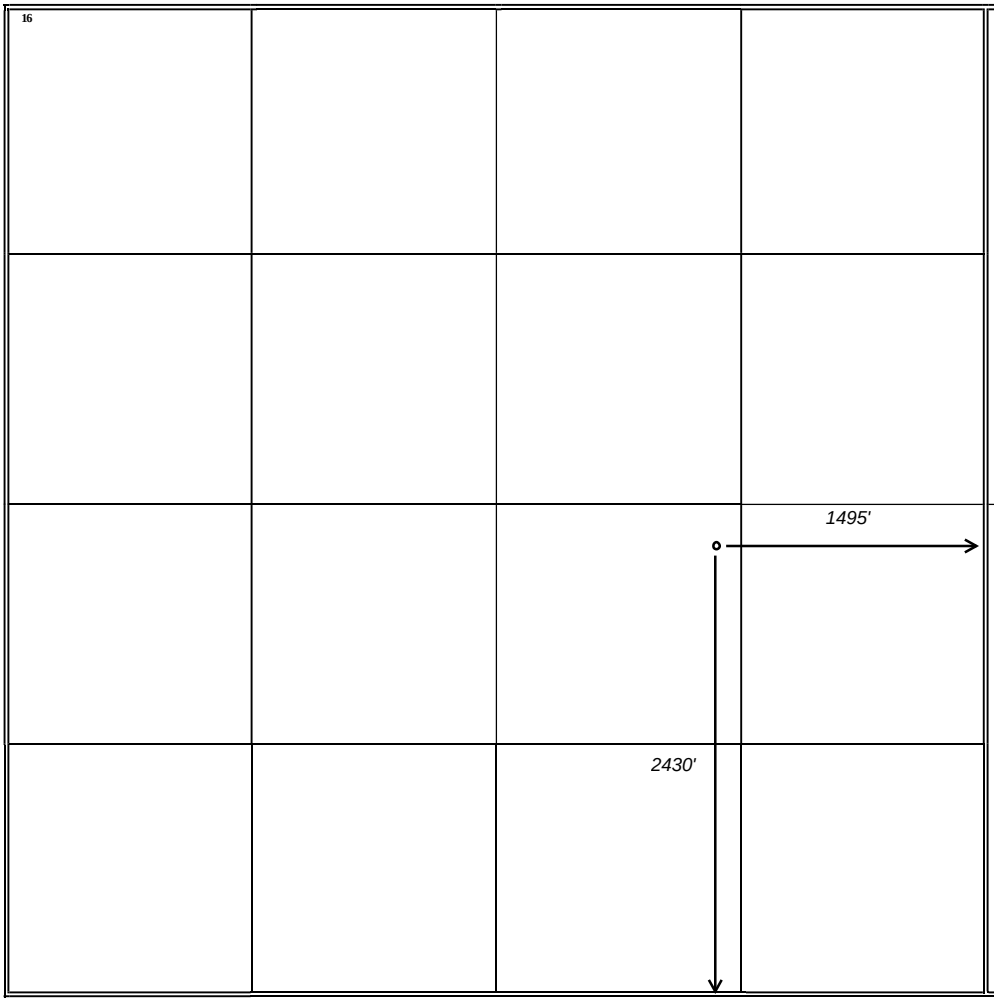
[11] Bottom Hole Location If Different From Surface

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

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
n/a			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

[16]



[17] OPERATOR CERTIFICATION

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

Signature 10/11/2023 Date

Ben Stone
Printed Name

ben@sosconsulting.us
E-mail Address

[18] SURVEYOR CERTIFICATION

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

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.
11 wells penetrate the proposed injection interval; 8 P&A'd.
P&A Well Diagrams

All Above Exhibits follow this page…

WELL SCHEMATIC - PROPOSED

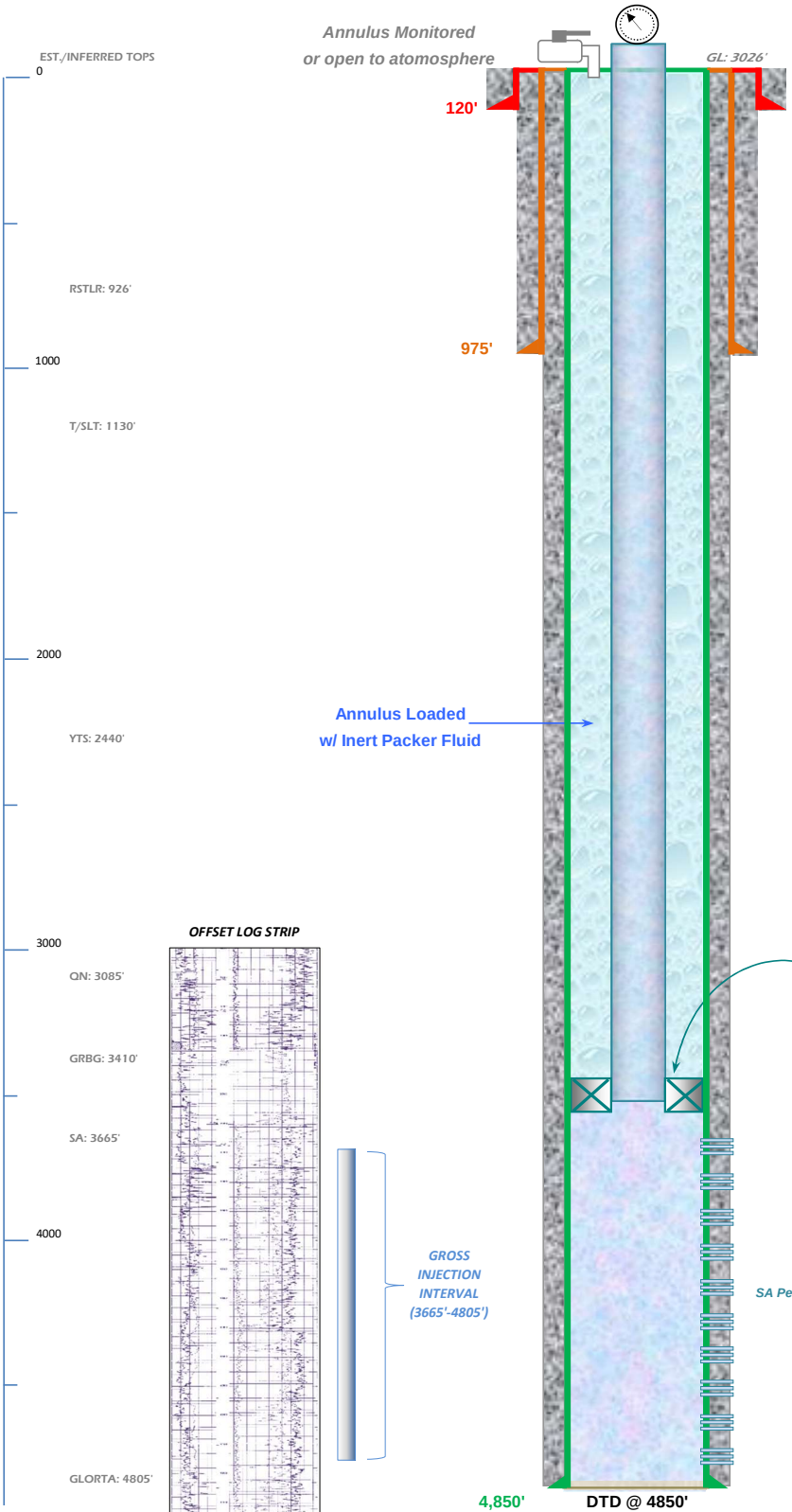
Javelina 1-26-37 SWD #1

SWD; San Andres (96121)

API 30-025-xxxxx

2430' FSL & 1495' FEL, SEC. 1-26S-R37E
LEA COUNTY, NEW MEXICO

Spud Date: ~4/15/2024
Config SWD Dt: ~5/01/2024



Injection Pressure Regulated
and Volumes Reported
733 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) @ 975'
1250 sx - Circulated to Surface

BC&D OPERATING, INC.

Drill and Complete New SWD:
Drill and set casing as shown (25%-50% excess Cmt).
Perforate interval w/ 4-8 jspf.
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.

5.5" IC Tubing (or smaller)
PKR ~3565'+
Note: PRK Set 100' Above Final Uppermost Perf Interval.

SA Perfs - 3665'-4805'

Production Casing
7.0", 26.0# J-55 Csg. (8.75" Hole) @ 4,850';
700 sx 'C' - Calc'd to Circ.

Drawn by: Ben Stone, 10/11/2023

SOS Consulting, LLC

Weatherford®

Packer Systems

Arrowset I-XS Mechanical Packer

Weatherford's Arrowset I-XS mechanical packer is a versatile, field-proven retrievable double-grip packer for isolating the annulus from the production conduit. The packer can be set with tension or compression.

A patented upper-slip releasing system reduces the force required to release the packer. A nondirectional slip is released first, making it easier to release the other slips. The packer also has a straight-pull safety release.

Applications

- Production
- Pumping
- Injection
- Fiberglass tubing
- Completions requiring periodic casing-integrity tests
- Zonal isolation

Features, Advantages and Benefits

- The design holds differential pressure from above or below, enabling the packer to meet most production, stimulation, and injection needs.
- The packer can be set with compression or tension, enabling deployment in shallow and deep applications.
- The packer can be set and released with only a one-quarter turn of the tubing.
- The bypass valve is below the upper slips so that debris is washed from the slips when the valve is opened, reducing the times for circulation and total retrieval.
- The packer can be run with Weatherford's T-2 on-off tool, which enables the tubing to be disconnected and retrieved without retrieving the packer.

Arrowset I-XS Mechanical Packer

Specifications

Casing				Packer			
OD (in./*mm*)	Weight (lb/ft, *kg/m*)	Minimum ID (in./*mm*)	Maximum ID (in./*mm*)	Maximum OD (in./*mm*)	Minimum ID (in./*mm*)	Standard Thread Connection (in./*mm*)	Product Number
4-1/2 *114.3*	9.5 to 13.5 *14.1 to 20.1*	3.920 *99.57*	4.090 *103.89*	3.750 *95.25*	1.985 *50.42*	2-3/8 EUE 8 Rd	604-45
5-1/2 *139.7*	14.0 to 17.0 *20.8 to 25.3*	4.892 *124.26*	5.012 *127.30*	4.515 *114.68*	1.985 *50.42*	2-3/8 EUE 8 Rd	604-55
				4.625 *117.48*		2-7/8 EUE 8 Rd	604-56
	20.0 to 23.0 *29.8 to 34.2*	4.670 *118.62*	4.778 *121.36*	4.515 *114.68*		2-3/8 EUE 8 Rd	604-57
						2-7/8 EUE 8 Rd	604-59-000
6-5/8 *168.3*	24.0 to 32.0 *35.7 to 47.6*	5.675 *144.15*	5.921 *150.39*	5.515 *140.08*	2.375 *60.33*	2-7/8 EUE 8 Rd	604-65
	17.0 to 24.0 *25.3 to 35.7*	5.921 *150.39*	6.135 *155.83*	5.750 *146.00*			604-68
7 *177.8*	17.0 to 26.0 *25.7 to 39.3*	6.276 *159.41*	6.538 *166.07*	5.515 *140.08*	2.375 *60.33*	2-7/8 EUE 8 Rd	604-72
				6.000 *152.40*	3.000 *76.20*	3-1/2 EUE 8 Rd	604-74

Options

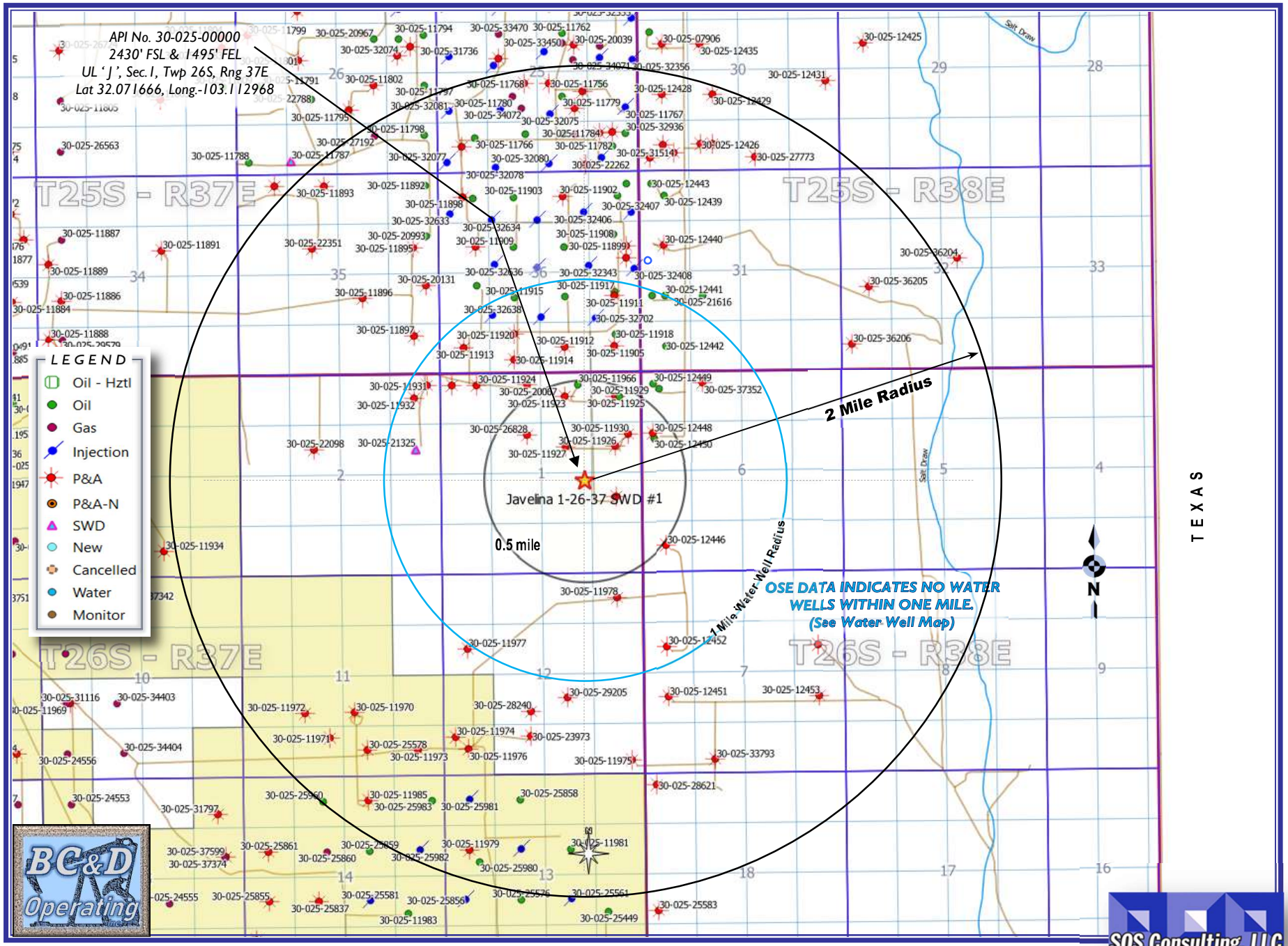
- Elastomer options are available for hostile environments.

For internal use

Link to Endeca assembly part numbers: Arrowset I-XS Mechanical Packer

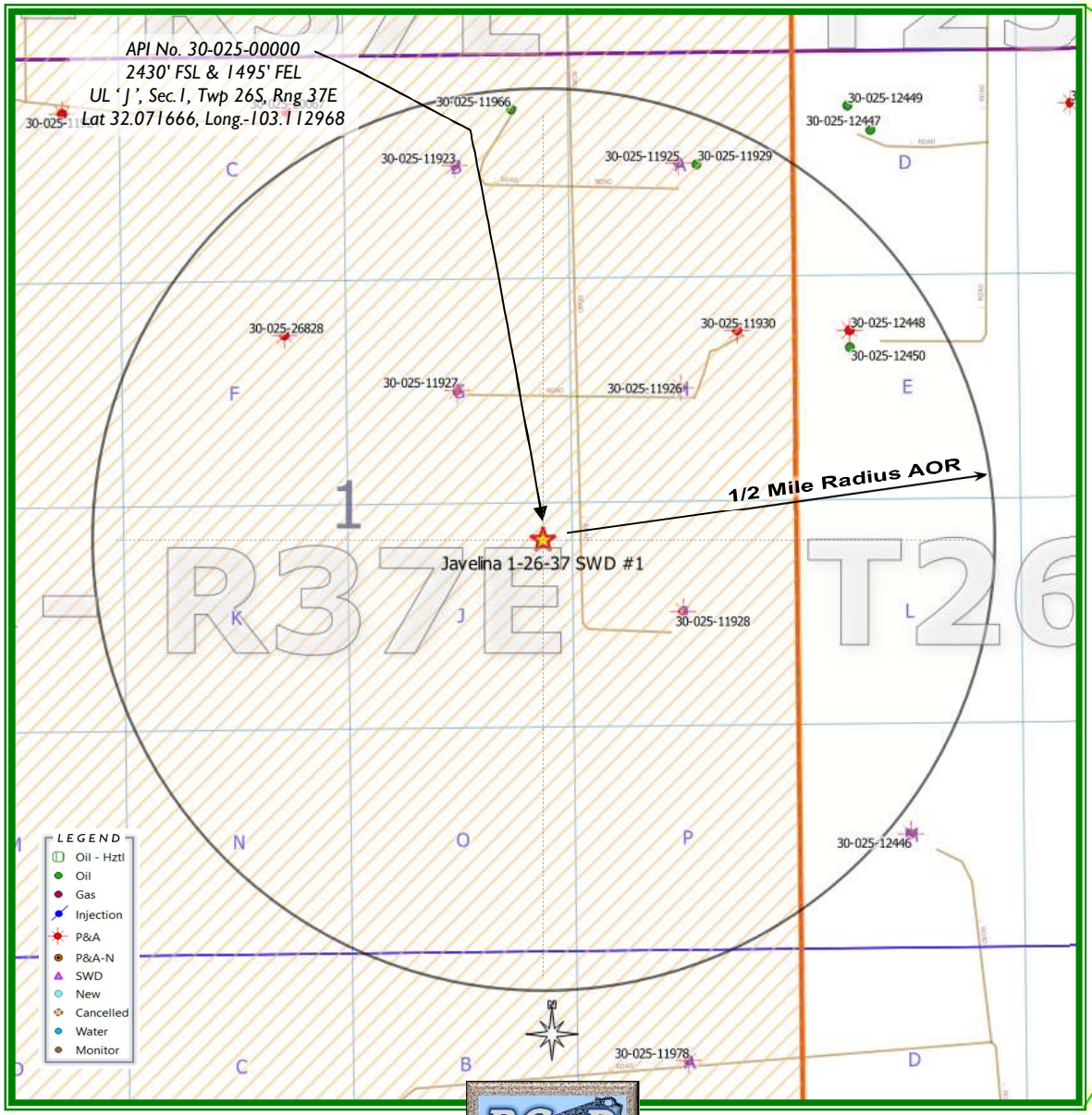
Javelina 1-26-37 #1 SWD - Area of Review / 2 Miles

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

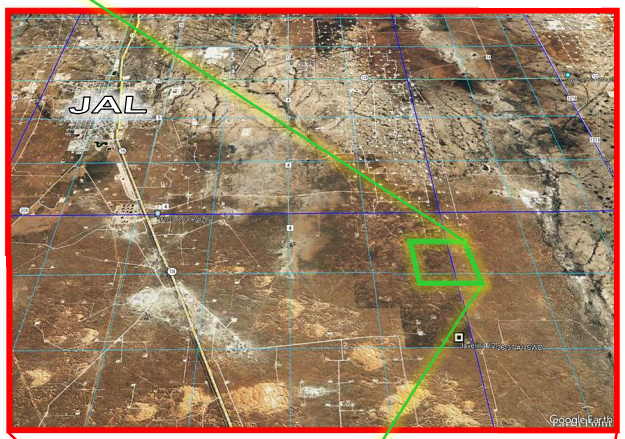


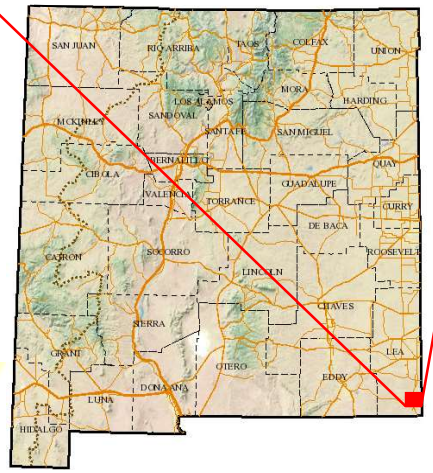
Javelina 1-26-37 #1 SWD - Area of Review / Overview Map

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



~5.2 miles Southeast of Jal, NM





Lea County, New Mexico

Form C-108 Item VI - Tabulation of AOR Wells

	Top of Proposed SAN ANDRES Interval 3665'				*5 Wells Penetrate Proposed Interval.*				
API	Current Operator	Well Name	Type	Status	ULSTR	Lease	Depth (V)	Spud Dt.	Plug Dt.
Subject Well									
30-025-xxxxx	BC&D Operating, Inc.	Javelinla 1-26-37 SWD #1	SWD	New	J-1-26S-37E	Private	4950'	~5/01/2024	
30-025-26828	JIMMY ROBERSON ENERGY CORPORATION	G D RIGGS A #004	Oil	P&A-R	F-01-26S-37E	Federal	3615'	12/31/9999	12/23/2004
	This well is plugged. The APD showed proposed TD of 10,666' but there is NO evidence in well file drilling ever went below 3615'. P&A was for shallow well.								
30-025-11923	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL #004	Oil	P&A-R	B-01-26S-37E	Federal	3360'	1/1/1900	1/1/1900
30-025-11927	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL #003	Oil	P&A-R	G-01-26S-37E	Federal	3330'	1/1/1900	1/1/1900
30-025-11966	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #031	Oil	Active	B-01-26S-37E	Federal	5900'	9/21/1962	
								Approved P&A June 2023; Pending - BLM sundry + diagram attached.	
30-025-11926	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL #002	Oil	P&A-R	H-01-26S-37E	Private	3340'	1/1/1900	1/1/1900
30-025-11925	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL #001	Oil	P&A-R	A-01-26S-37E	Federal	3340'	1/1/1900	1/1/1900
30-025-11928	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL #005	Oil	P&A-R	I-01-26S-37E	Federal	3367'	1/1/1900	1/1/1900
30-025-11929	LEGACY RESERVES OPERATING, LP	SOUTH JUSTIS UNIT #031	Oil	Active	A-01-26S-37E	Federal	6086'	5/4/1962	
	BLNBRY-TB-DRKRD Perfs: 5100'-5988'; 8.625" (11.0" hole) @ 900' w/ 550 sx - circ. to surf; 5.5" (8.75" hole) @ 6036' w/ 475 sx - TOC @ 2110' by Temp.								
30-025-11930	JIMMY ROBERSON ENERGY CORPORATION	G D RIGGS B #007	Oil	P&A-R	H-01-26S-37E	Federal	6100'	7/5/1962	12/17/2004
									P&A diagram attached.
30-025-12450	LEGACY RESERVES OPERATING, LP	M D SELF #006	Oil	Active	E-06-26S-38E	Federal	5500'	3/8/1962	
	BLNBRY-TB-DRKRD Perfs: 5178'-5378'; 8.625" (11.0" hole) @ 979' w/ 750 sx - circ. to surf; 5.5" (8.75" hole) @ 5499' w/ 1100 sx - circ. to surf.								
30-025-12448	MARALO LLC	M D SELF #004	Oil	P&A-R	E-06-26S-38E	Federal	3330'	1/1/1900	1/1/1900

SUMMARY: 5 wells penetrate the proposed disposal interval, 2 P&A + 1 P&A pending.

SOS Consulting, LLC

C-108 ITEM VI

AOR Well Information

Plugged Well Schematics

There is 1 P&A'd Well AND 1 Pending P&A Within the AOR Which Penetrate the Proposed Injection Zone.

30-025-11930
Pending: 30-025-11966

Additionally, one well shows a ***depth of 10,666' only on the original APD***. A thorough review of the well file documents indicates that drilling never went below 3615'. All operations, all well completions and the subsequent were conducted using a total depth of 3615'.

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

P&A - WELLBORE SCHEMATIC

G. D. Riggs "B" #7

Texaco
1650' FNL & 330' FEL (H)
Sec. 1, T-26S, R-37E, Lea Co., NM
KB 3037'
Spudded 07/05/62
Completed 08/02/62

12-1/4" hole.
8-5/8" casing @ 930'.
Set w/360 sxs cmt. Circ.

TOC @ 2115' by TS

Spot 20 sx 60' to surface.
Spot 35 sx @ 350'-250'.
Spot 45 sx @ 1020' (Tag 848')
Cut & pull 970 feet 5.5" csg.
Spot 25 sx @ 2024'(Tag 1795')
Circulate 10# Mud
Tag Cmt & CIBP @ 3120'

Set CIBP @ 3170', cap w/ 50' cement

Langlie Mattix Perfs @ 3219' to 3376'

Set CIBP @ 3425', cap w/ 50' cement

Fill casing w/ 10# mud

PBD @ 5015'
CIBP @ 5050' w/4 sxs cmt

Blinebry Perfs @ 5148' to 5514'
Inactive

8-3/4" hole.
5-1/2" csg @ 5814'.
Set w/675 sxs cmt.

TD @ 6100'.

MAYO MARRS CASING PULLING INC.
BOX 863 KERMIT, TEXAS 79745

NEW MEXICO OCD SUPERVISOR-GALEN JENNINGS

Lease: G.D. RIGGS "B"
Well: # 7
Operator: JIMMY ROBERSON ENERGY
Project: P & A –
Contract: 05-521-0750-0083
IFB # 50-521-07-00027

BID = $ 12,995.00

12-15-04 (4 HRS)
MIRU – NDWH - NUBOP – CLOSE IN WELL

12-16-04 (10 HRS)
RIH WITH GAUGE RING & TAG PREVIOUSLY SET CIBP & CEMENT @ 3120' – OK'D BY BILL PRITCHARD – WELD ON PULL NIPPLE – CUT CASING @ 1974' – PRESSURE TEST TO 600# - RIH & CIRCULATE 10# MUD - SPOT 25 SXS @ 2024' – POOH

12-17-04 (10 HRS)
RIH TAG @ 1795' – POOH – CUT CASING @ 970' – LAY DOWN 31 JOINTS – RIH & SPOT 45 SXS @ 1020' – POOH – WOC – RIH TAG @ 848' – POOH & SPOT 35 SXS @ 350'-250' – POOH & SPOT 20 SXS @ 60' TO SURFACE – CUT OFF WELLHEAD & ANCHORS – INSTALL DRY HOLE MARKER – RIG DOWN – MOVE OUT

30 SXS CEMENT @ $ 12.00/SACK . . $ 360.00
(BID 95 SXS USED 125 SXS)

TOTAL = $ 13,555.00

Well Name: SJU TR-G

Well Location: T26S / R37E / SEC 1 / NWNE /

County or Parish/State: LEA / NM

Well Number: 31

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC049439B

Unit or CA Name: SOUTH JUSTIS UNIT

Unit or CA Number: NMNM87877X

US Well Number: 3002511966

Well Status: Producing Oil Well

Operator: LEGACY RESERVES OPERATING LP

LONG VO

Digitally signed by LONG VO
Date: 2023.06.21 11:03:16 -05'00'

Notice of Intent

Sundry ID: 2729844

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 05/09/2023

Time Sundry Submitted: 12:12

Date proposed operation will begin: 05/19/2023

Procedure Description:
1. Set 5 1/2 CIBP @ 5066'. Circ hole w/ MLF. Pressure test csg. Spot 47 sx cmt @ 5066-4603'.
2. Spot 87 sx cmt @ 3116' to 2265' WOC & Tag (B/Salt).
3. Perf & Sqz 50 sx cmt @ 1035' to 847'. WOC & Tag (8 5/8" Shoe, Anhy, & Rust). (In/Out)
5. Perf & Sqz 50 sx cmt @ 200' to surface. (In/Out)
6. Cut off wellhead, verify cmt @ surface, weld on Dry Hole Marker.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

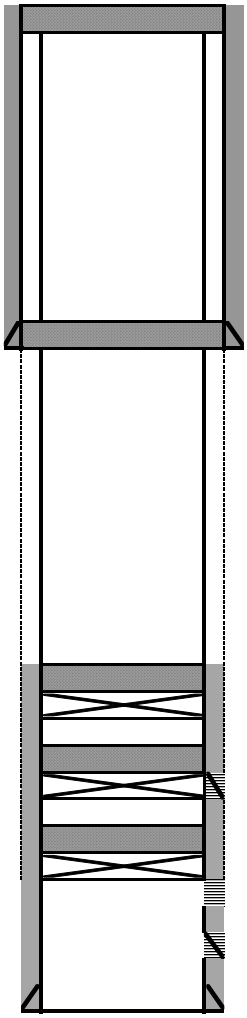
Procedure Description

SJU_G__31_Current__Proposed_WBDs_20230509121029.pdf

Legacy Reserves Operating, LLC			PROPOSED
Author:	Abby @ BCM		
Well Name	South Justis G	Well No.	#31
Field/Pool	Justis; Blinebry	API #:	30-025-11966
County	Lea	Location:	Sec 1, T26S, R37E
State	NM		330 FNL & 1650 FWL
Spud Date	9/21/1962	GL:	3030

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	8 5/8	J55	24#	907	12 1/4	450	0
Prod Csg	5 1/2	J55	15.5#	5,900	7 7/8	582	1995 TS

Formation	Top
Rust	892
Anhy	911
T/Salt	2028
Yates	2338
Queen	3064
B/Salt	3066
San Andres	3598
Glorieta	4713
Blinebry	5084
Tubb	3736



5. Perf & Sqz 50 sx cmt @ 200' to surface.

Approval Subject to
General Requirements and
Special Stipulations
Attached

8 5/8 24# CSG @ 907
Hole Size: 12 1/4

4. Perf & Sqz 50 sx cmt @ 970-770'. WOC & Tag (8 5/8" Shoe, Anhy, & Rust)

3. Spot 25 sx cmt @ 2080-1880'. WOC & Tag (T/Salt)

2. Spot 25 sx cmt @ 3150-2950'. WOC & Tag (B/Salt)
Perfs @ 3169-3292'; Langlie Mattix Queen perfs sqz'd on 2/4/1993

1. Set 5 1/2 CIBP @ 5066'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 5066-4866'
Perfs @ 5111-5402'; Blinebry

Perfs @ 5769-5824';Tubb/Drinkard perfs sqz'd on 5/6/1965

5 1/2 15.5# CSG @ 5,900
Hole Size: 7 7/8

TDPB @
TD @ 5900'

C-108 ITEM VII – PROPOSED OPERATION

The Javelina 1-26-37 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 733 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 ANAYLSES

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

Lab ID

Sample ID 4425

Sample No

API No 3002506278

Well Name A B REEVES 002

Location ULSTR 29 20 S 37 E **Lat / Long** 32.54547 -103.27965

1980 N 660 W **County** Lea

Operator (when sampled)

Field EUMONT Unit E

Sample Date Analysis Date

Sample Sourc UNKNOWN Depth (if known)

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_I	
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	

Remarks

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

SOS Consulting, LLC

C-108 Item VII.5 - Produced Water Data

BC&D Operating, Inc. - Javelina SWDs

SOURCE ZONE

GRAYBURG

Lab ID

Sample ID 3029

Sample No

API No 3002506435

Well Name HAWK B 1 012

Location ULSTR 08 21 S 37 E **Lat / Long** 32.48788 -103.18260

660 S 1980 E **County** Lea

Operator (when sampled) APACHE CORPORATION

Field PENROSE SKELLY Unit O

Sample Date 5/18/1999 Analysis Date 6/8/1999

Sample Sourc Depth (if known)

Water Typ

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_	
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.)

SOS Consulting, LLC

C-108 Item VII.5 - Produced Water Data

BC&D Operating, Inc. - Javelina SWDs

SOURCE ZONE

GRAYBURG-SAN ANDRES

Lab ID

Sample ID 3508

Sample No

API No 3002504266

Well Name EUNICE MONUMENT SOUTH U 890

Location ULSTR 14 20 S 36 E

660 S 660 E

Lat / Long 32.56718 -103.31810

County Lea

Operator (when sampled) CHEVRON USA INC.

Field EUNICE MONUMENT Unit P

Sample Date 1/12/2000 Analysis Date 1/14/2000

Sample Sourc

Water Typ

Depth (if known)

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_	
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.)

SOS Consulting, LLC

C-108 Item VII.5 - Produced Water Data

BC&D Operating, Inc. - Javelina SWDs

SOURCE ZONE

BLINEBRY

Lab ID

Sample ID 4013

API No 3002510462

Sample No

Well Name ALLIE M LEE 001

Location ULSTR 26 22 S 37 E **Lat / Long** 32.36184 -103.12585

2310 S 330 E **County** Lea

Operator (when sampled)

Field BLINEBRY Unit I

Sample Date Analysis Date

Sample Sourc DST Depth (if known)

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_I	
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	

Remarks

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

SOS Consulting, LLC

C-108 Item VII.5 - Produced Water Data

BC&D Operating, Inc. - Javelina SWDs

SOURCE ZONE

BONE SPRING

Lab ID

Sample ID 5840

Sample No

API No 3002527250

Well Name BERRY APN STATE 001

Location ULSTR 05 21 S 34 E **Lat / Long** 32.50569 -103.49786

1980 S 660 W **County** Lea

Operator (when sampled) YATES PETROLEUM CORPORATION

Field BERRY NORTH Unit L

Sample Date 11/18/1999 Analysis Date 12/1/1999

Sample Sourc Depth (if known)

Water Typ

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_	
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	

Remarks

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

SOS Consulting, LLC

C-108 Item VII.5 - Produced Water Data

BC&D Operating, Inc. - Javelina SWDs

SOURCE ZONE

DELAWARE

Lab ID

Sample ID 4296

API No 3002508489

Sample No

Well Name BELL LAKE UNIT 002

Location ULSTR 30 23 S 34 E **Lat / Long** 32.27001 -103.51086

660 S 3300 E **County** Lea

Operator (when sampled)

Field SWD Unit N

Sample Date Analysis Date

Sample Sourc UNKNOWN Depth (if known)

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	52115	resistivity_ohm_cm_temp_I	
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	

Remarks

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

SOS Consulting, LLC

C-108 Item VII.5 - Produced Water Data

BC&D Operating, Inc. - Javelina SWDs

DISPOSAL ZONE

SAN ANDRES

Lab ID

Sample ID 3027

Sample No

API No 3002523756

Well Name LOU WORTHAM 006

Location ULSTR 11 22 S 37 E **Lat / Long** 32.40711 -103.14079

2310 N 380 W **County** Lea

Operator (when sampled) ANADARKO PETROLEUM CORP.

Field EUNICE SOUTH Unit E

Sample Date 2/19/1998 Analysis Date 3/2/1998

Sample Sourc Depth (if known)

Water Typ

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_I	
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	

Remarks

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

SOS Consulting, LLC

C-108 ITEM X – LOGS and AVAILABLE TEST DATA

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

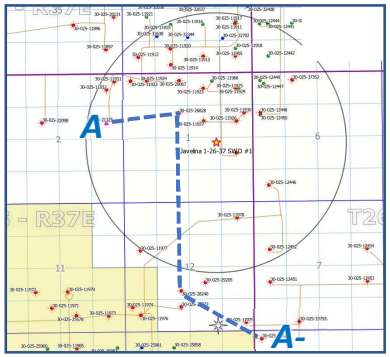
New logs will be run to positively identify the target intervals within the described maximum top and bottom depths.

Cross-Section follows…

BC&D Operating, Inc. – Javelina 1-26-37 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 3665 feet to 4805 feet which will be verified upon analyses of new logs including mudlogs.



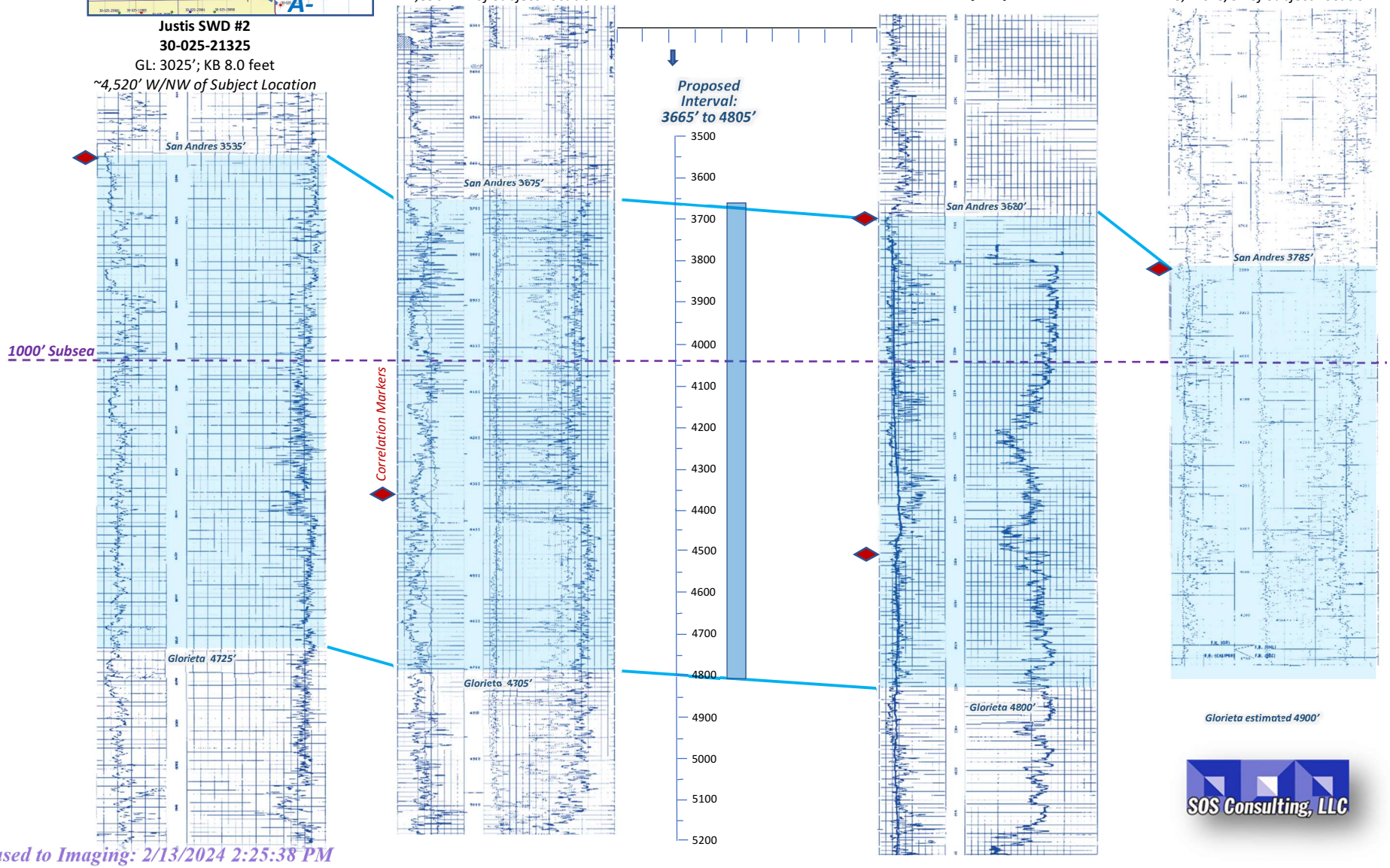
Justis SWD #2
30-025-21325
GL: 3025'; KB 8.0 feet
~4,520' W/NW of Subject Location

GD Riggs A #4
30-025-26828
GL: 3014'; KB 14.0 feet
~1,890 NW of Subject Location

Javelina 1-26-37 SWD #1
30-025-xxxxx *(Proposed)*
GL: 3026'; KB 12.0 feet
Subject Location

Tenneco Federal #1
30-025-23973
GL: 3001'; KB 20.0 feet
~6,850 S/SW of Subject Location

Ed Powell IG Fed #2
30-025-28621
GL: 3005'; KB 8.0 feet
~8,240' S/SE of Subject Location



SOS Consulting, LLC

C-108 - Item VIII

Geological Data

The proposed well is located on the Central Basin Platform, 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 3665 feet to 4805 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 no active producing wells within one-half mile of the proposed SWD.

C-108 ITEM XI

Water Wells within Area of Review
and
Groundwater Information for Area

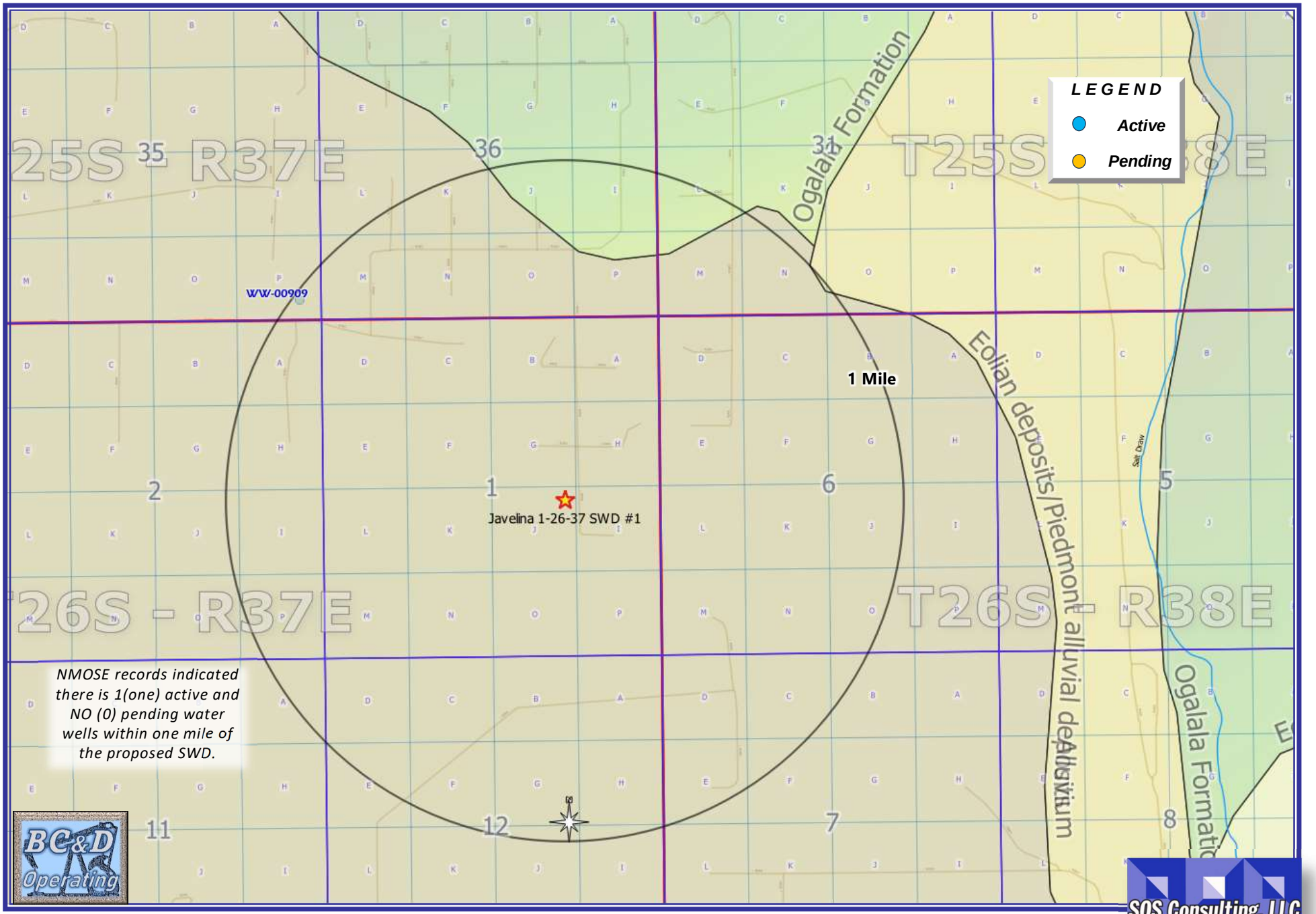
Water Well Map – 1-Mile Area of Review

Fresh Water Analysis if Applicable

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

Javelina 1-26-37 #2 SWD – 1-Mile AOR Water Wells

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



Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well GEORGE WILLIS Owner's Well No. CP00909

Street or Post Office Address P. O. BOX 307

City and State JAL. NM 88252

Well was drilled under Permit No. 72-12-1 and is located in the:

a. SE ¼ SE ¼ SE ¼ ¼ of Section 35 Township 25S Range 37E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the (SOUTH SIDE)

c. Lot No. _____ of Block No. _____ of the _____ Subdivision, recorded in LEA County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor WEST TEXAS WATER WELL SERVICE License No. WD1184

Address 3432 W. UNIVERSITY BLVD., ODESSA TX. 79764

Drilling Began 1-22-01 Completed 1-24-01 Type tools ROTARY Size of hole 9 1/2 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well _____ ft. ?

Completed well is [X] shallow [ ] artesian. Depth to water upon completion of well 185 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
115	160	45	SAND & GRAVEL W/STREAKS OF CLAY	2 GPM

2001 FEB -2 AM 11:47 STATE ENGINEER OFFICE ROSWELL, NEW MEXICO

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6"	SCH. 40	END GLUE	2'AGL	135	135		2'AGL	135
6"	SCH. 40	END GLUE	135	155	20		135	155
6"	SCH. 40	END GLUE	155	175	20		155	175
6"	SCH. 40	END GLUE	175	185	10		175	185

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
0	15		3		POURED SLURRY
45	60		4		HOLE PLUG

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by:

_____ State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY #204095

Date Received 2/2/2001

Quad _____ FWL _____ FSL _____

File No. CP-909 Use STK Location No. 25.37.35.444

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	1	1	TOP SOIL
1	15	14	CALICHE
15	20	5	SAND
20	25	5	CLAY
25	52	27	CALICHE
52	60	8	HARD LIMESTONE
60	80	20	SAND & GRAVEL
80	110	20	CLAY
110	115	5	LIMESTONE
115	160	45	SAND & GRAVEL W/CLAY STREAKS
160	184	24	BLUE SHALE
184	185	1	RED BED

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

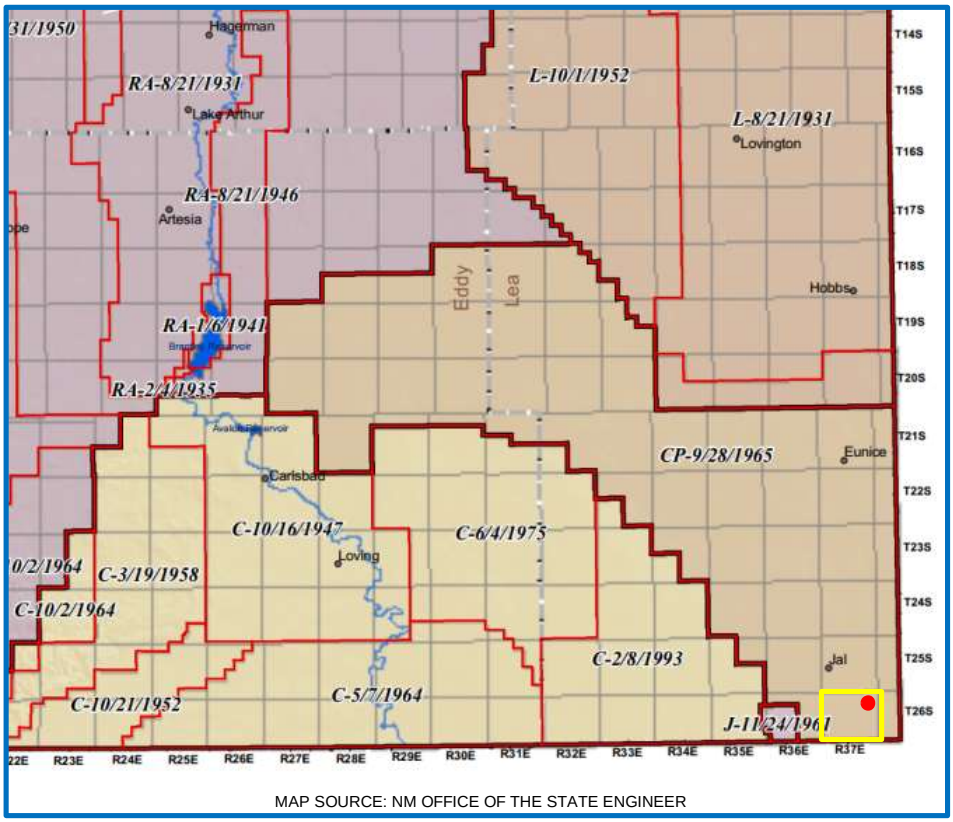
Bernard Lumbreras

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

C-108 - Item XI

Groundwater Basins - Water Column / Depth to Groundwater



MAP SOURCE: NM OFFICE OF THE STATE ENGINEER

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.

SOS Consulting, LLC

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-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
CP 00036 POD1	CP	LE	4	1	4	07	26S	37E	670051	3547952*	470		
CP 00053 POD1	CP	LE	1	3	3	07	26S	37E	669051	3547736*	476		
CP 00054 POD1	CP	LE	3	3	1	07	26S	37E	669038	3548341*	440		
CP 00055 POD1	CP	LE	4	1	3	07	26S	37E	669244	3547938*	470		
CP 00056 POD1	CP	LE	1	3	3	07	26S	37E	669051	3547736*	470		
CP 00057 POD1	CP	LE	2	3	3	07	26S	37E	669251	3547736*	445		
CP 00059 POD1	CP	LE	3	1	3	07	26S	37E	669044	3547938*	475		
CP 00064 POD1	CP	LE	3	2	3	07	26S	37E	669449	3547945*	455	97	358
CP 00065 POD1	CP	LE	2	1	3	07	26S	37E	669244	3548138*	455	222	233
CP 00452 POD1	CP	LE	2	2	3	09	26S	37E	672869	3548199*	516	200	316
CP 00452 POD2	CP	LE	1	1	3	09	26S	37E	672267	3548193*	500	260	240
CP 00452 POD3	CP	LE	3	3	3	09	26S	37E	672274	3547590*	488	300	188
CP 00452 POD4	CP	LE	4	4	3	09	26S	37E	672876	3547597*	503	300	203
CP 00452 POD5	CP	LE	3	2	3	09	26S	37E	672669	3547999*	314	90	224
CP 00486 POD1	CP	LE		2	1	07	26S	37E	669537	3548851*	500		
~~CP 00574 POD1~~	~~CP~~	~~LE~~	~~1~~	~~1~~	~~4~~	~~14~~	~~26S~~	~~37E~~	~~676319~~	~~3546651*~~	~~4600~~	~~4394~~	~~206~~
CP 01303 POD1	CP	LE	3	4	1	06	26S	37E	669481	3549967	440	230	210

Average Depth to Water: ~~677 feet~~ 228
Minimum Depth: **90 feet**
Maximum Depth: **4394 feet**

Record Count: 17

PLSS Search:

Township: 26S **Range:** 37E

***UTM location was derived from PLSS - see Help**

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 1-26-37 SWD #1
Reviewed 9/26/2023

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

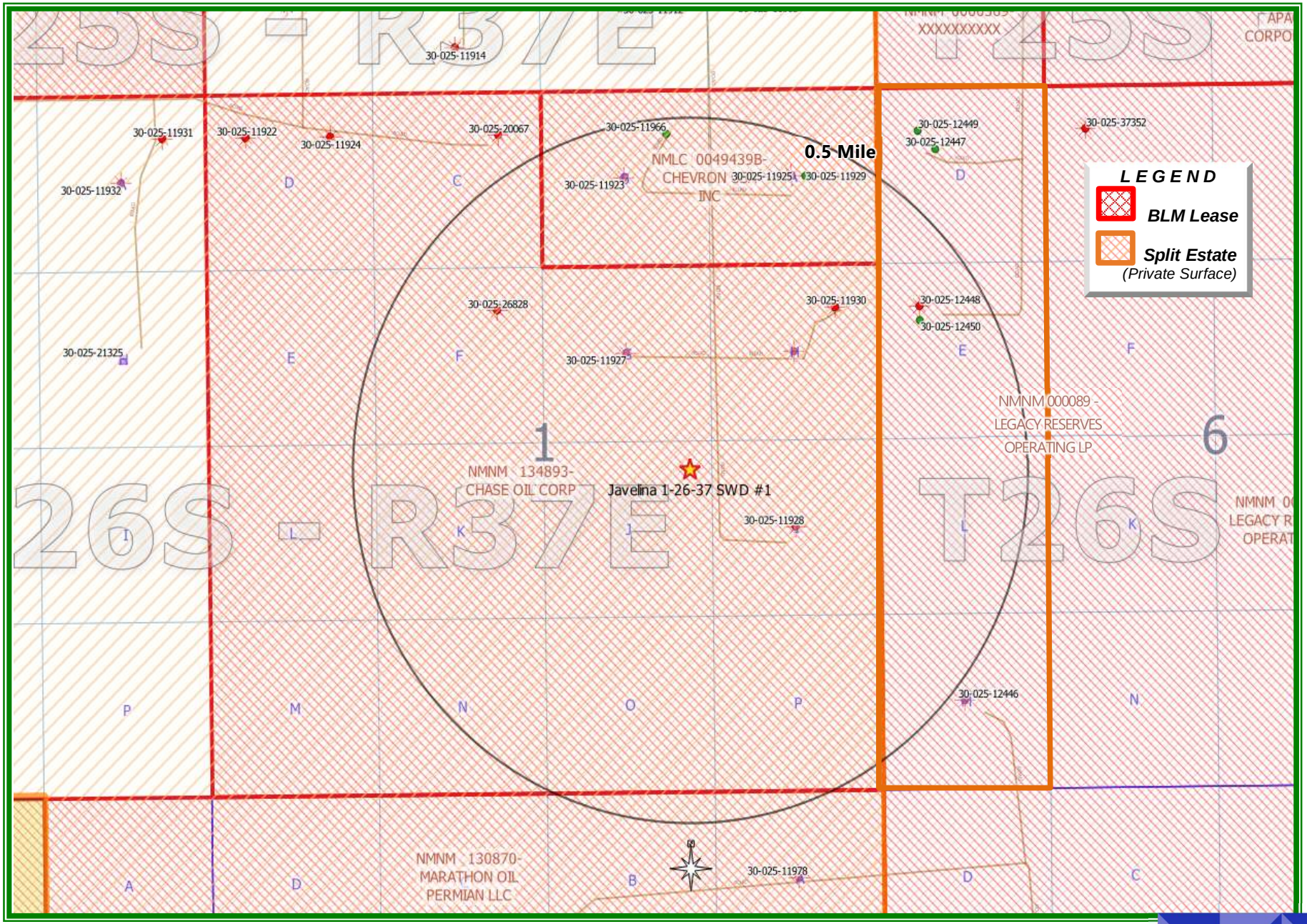
Instructions for PDF Document Access

Proof of Certified Mailing

Affidavit Published Legal Notice

Javelina 1-26-37 SWD #1 – Leasehold/ Affected Parties Plat

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



SOS Consulting, LLC

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

SURFACE OWNER

NOTICE #	ENTITY	US CERTIFIED TRACKING	SOS DOC ACCESS CODE
1	**Willis Family Trust** P.O. Box 307 Jal, NM 88252	7018 2290 0001 2038 8043	☒

OFFSET MINERALS LESSEES and/ or OPERATORS

2	**LEGACY RESERVES OPERATING** 15 Smith Rd., Ste.3000 Midland TX 79705	7018 2290 0001 2038 8050	☒
3	**MARATHON OIL PERMIAN, LLC** 990 Town and Country Blvd. Houston TX 77024	7018 2290 0001 2038 8067	☒

REGULATORY

	NM OIL CONSERVATION DIVISION 1220 S. St. Francis Dr. Santa Fe, NM 87505	***Filed via OCD Online e-Permitting***	
4	**U.S. DEPARTMENT OF INTERIOR** **Bureau of Land Management** Oil & Gas Division 620 E. Greene St. Carlsbad, NM 88220	7018 2290 0001 2038 8074	☒

October 12, 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 1-26-37 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 1, Township 26 South, Range 37 East in Lea County, New Mexico.

The published notice states that the interval will be from 3,775 feet to 4,900 feet into the San Andres formation. Following is the notice published in the Hobbs News-Sun, Hobbs, New Mexico on or about October 12, 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 1-26-37 SWD #1 (API No.30-025-TBD). The well will be located 2430 feet from the South line and 1495 feet from the East line (Unit J) of Section 1, Township 26 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 3665' to 4805' at a maximum surface pressure of 733 psi, maximum daily rate of 15,000 bwpd and an average rate of 12,500 bwpd. The subject SWD well is located approximately 5.2 miles southeast 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,

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

Cc: Application File

User Information for the SOS Client & Affected Party Portal

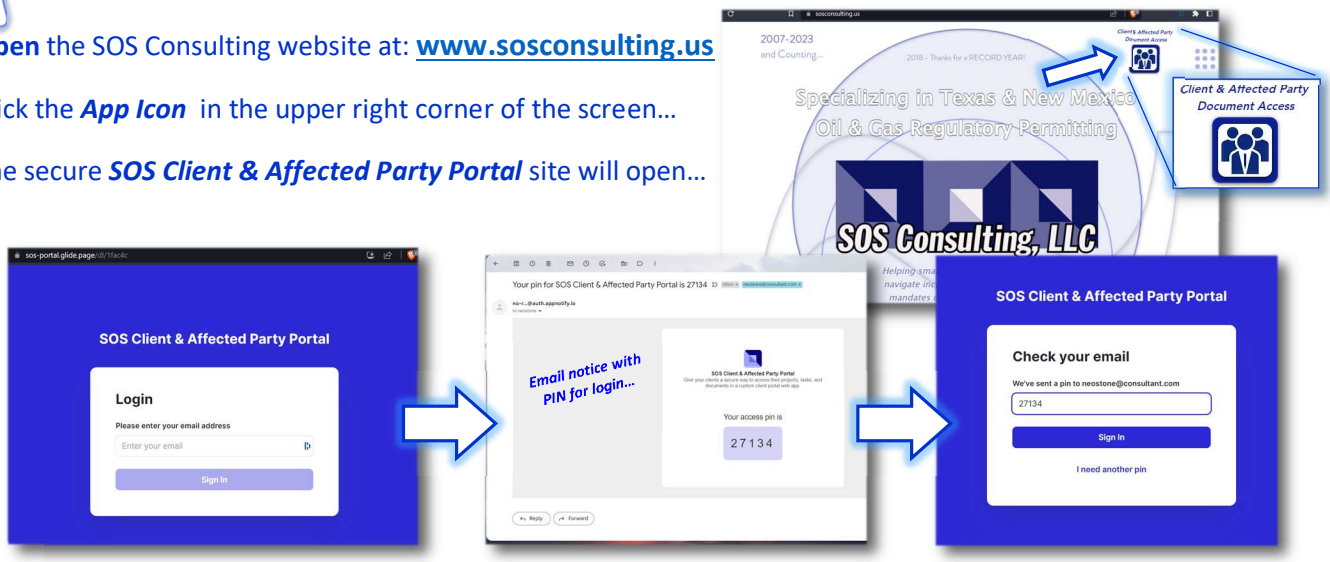
*Thank you for using the new SOS Document Portal. This system allows for the **secure delivery of all types of applications and any resulting permits**. The system is built in and stored in the cloud using the best available platforms and code for a secure and robust app. We hope you appreciate our efforts to reduce printed paper copies and deliver pertinent documents in a much more efficient way. If you're a client, you may use the portal to view all the applications that SOS Consulting, LLC has generated on behalf of you or your organization.*

1

Open the SOS Consulting website at: **www.sosconsulting.us**

Click the ***App Icon*** in the upper right corner of the screen…

The secure ***SOS Client & Affected Party Portal*** site will open…



2

Become a user of the site by entering your email address and basic info for your profile – minimal information is required although we ask that you provide your company name so we may view who and which companies have reviewed a particular document.

(Please note that nothing is done with your information – it is only for access to this portal.)

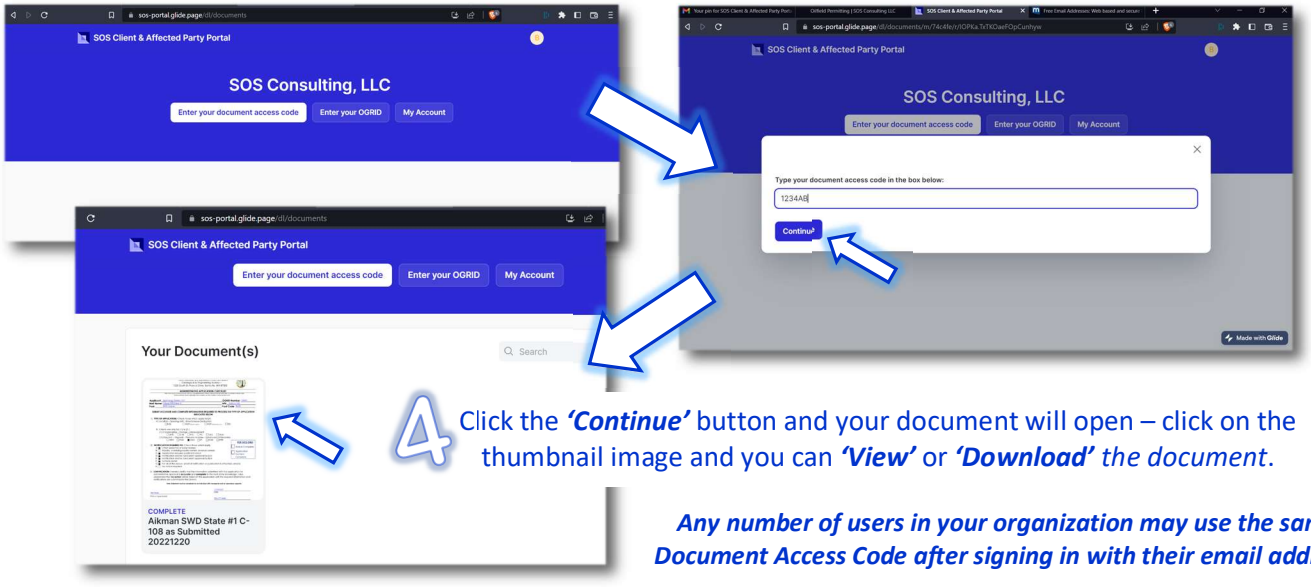
*Each time you log into the SOS Portal, you will be sent a pin code for **2-Step Verification** to your email within 15 seconds. Enter the code for access to the portal.*

MOBILE ACCESS

3

The SOS portal will open to your user page or the portal home. If you don't see this screen, simply click on the SOS Client & Affected Party title and the home page will open. This page allows you to enter a ***'Document Access Code'*** or if a client, ***'Enter your OGRID'***. ***(When entering an OGRID, you will also be prompted for a Client ID for security – SOS Consulting will have already provided this to its clients.)***

*Note: The unique **Document Access Code** is provided in your **'Notice Letter to Affected Parties'**.*



4

Click the ***'Continue'*** button and your document will open – click on the thumbnail image and you can ***'View'*** or ***'Download'*** *the document*.

Any number of users in your organization may use the same Document Access Code after signing in with their email address!

C-108 - Item XIV

Proof of Notice (Certified Mail Receipts)

7018 2290 0001 2038 8043

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

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

Jal, NM 88252 OFFICIAL USE

Certified Mail Fee	$4.35	0360 04
Extra Services & Fees (check box, add fee as appropriate)	$3.55	
☐ Return Receipt (hardcopy)	$0.00	
☐ Return Receipt (electronic)	$0.00	Postmark Here
☐ Certified Mail Restricted Delivery	$0.00	
☐ Adult Signature Required	$0.00	
☐ Adult Signature Restricted Delivery	$	
Postage	$0.66	10/12/2023
Total Postage and Fees	$8.56	

Sent To
Street and
City, State,

Willis Family Trust
P.O. Box 307
Jal, NM 88252

PS Form 3 ions

7018 2290 0001 2038 8050

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

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

Midland, TX 79705 OFFICIAL USE

Certified Mail Fee	$4.35	0360 04
Extra Services & Fees (check box, add fee as appropriate)	$3.55	
☐ Return Receipt (hardcopy)	$0.00	
☐ Return Receipt (electronic)	$0.00	Postmark Here
☐ Certified Mail Restricted Delivery	$0.00	
☐ Adult Signature Required	$0.00	
☐ Adult Signature Restricted Delivery	$	
Postage	$0.66	10/12/2023
Total Postage and Fees	$8.56	

Sent To
Street and
City, State,

LEGACY RESERVES OPERATING
15 Smith Rd., Ste.3000
Midland TX 79705

PS Form 3 ions

7018 2290 0001 2038 8067

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

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

Houston, TX 77024 OFFICIAL USE

Certified Mail Fee	$4.35	0360 04
Extra Services & Fees (check box, add fee as appropriate)	$3.55	
☐ Return Receipt (hardcopy)	$0.00	
☐ Return Receipt (electronic)	$0.00	Postmark Here
☐ Certified Mail Restricted Delivery	$0.00	
☐ Adult Signature Required	$0.00	
☐ Adult Signature Restricted Delivery	$	
Postage	$0.66	10/12/2023
Total Postage and Fees	$8.56	

Sent To
Street and
City, State

MARATHON OIL, LLC
990 Town and Country Blvd.
Houston TX 77024

PS Form ctions

7018 2290 0001 2038 8074

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

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

Carlsbad, NM 88220 OFFICIAL USE

Certified Mail Fee	$4.35	0360 04
Extra Services & Fees (check box, add fee as appropriate)	$3.55	
☐ Return Receipt (hardcopy)	$0.00	
☐ Return Receipt (electronic)	$0.00	Postmark Here
☐ Certified Mail Restricted Delivery	$0.00	
☐ Adult Signature Required	$0.00	
☐ Adult Signature Restricted Delivery	$	
Postage	$0.66	10/12/2023
Total Postage and Fees	$8.56	

Sent To
Street and
City, State

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

PS Form ctions

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
October 12, 2023
and ending with the issue dated
October 12, 2023.

LEGAL NOTICE
October 12, 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 1-26-37 SWD #1 (API No.30-025-TBD). The well will be located 2430 feet from the South line and 1495 feet from the East line (Unit J) of Section 1, Township 26 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 3665' to 4805' at a maximum surface pressure of 733 psi, maximum daily rate of 15,000 bwpd and an average rate of 12,500 bwpd. The subject SWD well is located approximately 5.2 miles southeast 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.
#00283715

Publisher

Sworn and subscribed to before me this
12th day of October 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

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

67104420 00283715

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 314018

CONDITIONS

Operator: BC & D OPERATING INC. 2702 N. Grimes ST B Hobbs, NM 88240	OGRID: 25670
	Action Number: 314018
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

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