Initial

Application Part I

Received 11/5/20

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

Revised March 23, 2017

Page 1 of 64

.

IW1Y4-20110	5-C-1080					Revised March 25, 2017
received: 11/5/20	REVIEWER:	TYPE	SWD	APP NO:	pBL2	2031450338
		CO OIL COM Jical & Engin	eering Bure	I DIVISIO au -		
	ADMINIST	RATIVE APP	LICATION C	HECKLIS		
THIS CHECKI	IST IS MANDATORY FOR REGULATIONS WHICH F	ALL ADMINISTRATIV REQUIRE PROCESSII	NG AT THE DIVISION	N LEVEL IN SAI	NTA FE	SION RULES AND
pplicant: DJR Operating, I	LLC					umber: <u>371838</u>
/ell Name: <u>North Alamito</u> ool: SWD; Entrada	Unit SWD #001				1: <u>30-045-</u>	e: 96436
		INDICATE	D BELOW			iype of application
1) TYPE OF APPLICATI A. Location – Sp NSL	acing Unit – Simu	e which appl ultaneous De (project area)	y for [A] dication NSP(prora	TION UNIT)	□sd	SWD-2402
[I] Comming DH0	– Disposal – Pres	PLC LPC	LOLS	OLM Oil Reco	overy	FOR OCD ONLY
B. Royalty, o C. Application D. Notification E. Notification F. Surface ov	erators or lease he verriding royalty on requires publis on and/or concu on and/or concu wner he above, proof	olders owners, reve hed notice rrent approva rrent approva	nue owners al by SLO al by BLM	tion is att	[ached	Notice Complete Application Content Complete
3) CERTIFICATION: I h administrative app understand that n notifications are su	proval is accurate o action will be t	e and compl aken on this	ete to the be	est of my	knowle	edge. I also

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

Dave Brown

Print or Type Name

Signature

November 5, 2020 Date

303-887-3695

Phone Number

dbrown@djrllc.com

e-mail Address

10 action will be take ubmitted to the Divis statement must be complete



August 15, 2019

Mr. Will Jones New Mexico Oil Conservation Division – Engineering Bureau 1200 South St. Francis St. Santa Fe, NM 87505

Re: Application for North Alamito WDW #1, San Juan Co., NM

Dear Mr. Jones:

Enclosed is DJR Operating, LLC's application for disposal of produced water in the North Alamito WDW #1. In fulfilling the requirements of the application, the following materials are provided herein.

- 1. Form C-108, Application for Authorization to Inject
- 2. Tabular and schematic data on proposed injection well
- 3. Two-mile radius map identifying all wells with a one-half mile radius drawn around the proposed injection well
- 4. Data sheet of all wells within 2-miles of proposed injection well, highlighting those wells inside one-half mile radius of the proposed injection well
- 5. Lease and surface owner maps identifying all lessees and surface owners within a two-mile radius with one-half mile radius drawn around the proposed injection well
- 6. Operations plan for proposed injection well
- 7. Water analysis of produced water to be to be disposed in injection well
- 8. Required geologic, stimulation, logging, test and fresh water data from nearby wells
- 9. Signed statement of geologic and engineering data
- 10. Proof of notice in the form of notification letters sent to offsetting operators and surface owners and a copy of the Affidavit of Publication of the notice as it appeared in the Farmington Daily Times.

If you have questions or require additional information, please contact me.

Sincerely,

Ningning Li Completions Manager

Attachments

OFFICE: 303-595-7430

ENEF	TE OF NEW MEXICOOil Conservation DivisionRGY, MINERALS AND NATURAL1220 South St. Francis Dr.DURCES DEPARTMENTSanta Fe, New Mexico 87505	FORM C-108 Revised June 10, 2003
	APPLICATION FOR AUTHORIZATION TO INJECT	
I.	PURPOSE: Secondary Recovery Pressure Maintenance X Application qualifies for administrative approval? Yes No	DisposalStorage
II.	OPERATOR: DJR Operating, LLC	
	ADDRESS: 1 Road 3263, Aztec, NM 87410	
	CONTACT PARTY: Dave Brown	PHONE: <u>303-887-3695</u>
III.	WELL DATA: Complete the data required on the reverse side of this form for each well proposed Additional sheets may be attached if necessary.	l for injection.
IV.	Is this an expansion of an existing project? X Yes No If yes, give the Division order number authorizing the project: SWD-2255	
V.	Attach a map that identifies all wells and leases within two miles of any proposed injection well well were around each proposed injection well. This circle identifies the well's area of review.	
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate data shall include a description of each well's type, construction, date drilled, location, depth, record fany plugged well illustrating all plugging detail.	the proposed injection zone. Such ord of completion, and a schematic
VII.	Attach data on the proposed operation, including:	
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving for produced water; and, If injection is for disposal purposes into a zone not productive of oil or gas at or within one m chemical analysis of the disposal zone formation water (may be measured or inferred from exwells, etc.). 	ile of the proposed well, attach a kisting literature, studies, nearby
*VIII.	Attach appropriate geologic data on the injection zone including appropriate lithologic detail, ge Give the geologic name, and depth to bottom of all underground sources of drinking water (aqui dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as be immediately underlying the injection interval.	fers containing waters with total
IX.	Describe the proposed stimulation program, if any.	
*X.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Divis	ion, they need not be resubmitted).
*XI.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and prinjection or disposal well showing location of wells and dates samples were taken.	oducing) within one mile of any
XII.	Applicants for disposal wells must make an affirmative statement that they have examined avail and find no evidence of open faults or any other hydrologic connection between the disposal zon drinking water.	able geologic and engineering data ne and any underground sources of
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.	
XIV.	Certification: I hereby certify that the information submitted with this application is true and correbelief.	
	NAME: Dave Brown TITLE: Manag	er, Regulatory & Government Affairs
	SIGNATURE:DATE	:
*	E-MAIL ADDRESS: <u>dbrown@djrllc.com</u> If the information required under Sections VI, VIII, X, and XI above has been previously submit	ted, it need not be resubmitted.

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be res Please show the date and circumstances of the earlier submittal: <u>August 23, 2019; Original Application</u>

Side 2

III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:
 - (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
 - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
 - (3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
 - (1) The name of the injection formation and, if applicable, the field or pool name.
 - (2) The injection interval and whether it is perforated or open-hole.
 - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
 - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
 - (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

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

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

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,

(4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

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

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

Amended Application for Authorization to Inject

DJR Operating, LLC

North Alamito Unit SWD #001

Administrative Order SWD-2255

General Information

DJR Operating, LLC has made an application for administrative approval to dispose of produced water by underground injection which was approved on April 9, 2020. The North Alamito Unit SWD #001 well is located 908' FNL & 1176' FEL in Section 1, Township 22 North, Range 8 West, San Juan County, New Mexico. Produced water will be injected into the Entrada Sandstone. The maximum injection pressure will be 1380 psi and the maximum injection rate will be 6000 barrels of water daily.

As of November 3, 2020, the well has been drilled to 7282' TVD and perforated from 6950' to 7110'. A permanent packer has been set at 6845'. A 72-hour flow rate pressure test is underway and then a Mechanical Integrity Test will be performed. The lab result of the Entrada Sandstone Formation water taken from the North Alamito Unit SWD #001 indicated a TDS of 13,200 mg/L.

Application for Authorization to Inject

DJR Operating, LLC

North Alamito WDW #1

Part III. Well Data

- A. Tabular Information
 - 1. Name: North Alamito WDW #1

Location: 908' FNL & 1176' FEL Sec. 1, T22N, R8W San Juan County, NM

2. Surface Casing:

9-5/8 in, 36 lb, J-55 set at 500 ft, ST&C coupling, Cemented with 253 sx (352 cu ft). Circulate cement to surface, Hole size – 12-1/4 in.

Production Casing:

7 in, 26 lb, N-80 (7070 ft) set at 7070 ft., LT&C coupling, Cement in two stages with stage tool (DV) at 3795 ft using 739 cu ft (626 cu ft 1^{st} stage and 113 cu ft in 1^{st} tail) in first stage and 739 (626 2^{nd} stage and 113 in 2^{nd} tail) cubic ft in second stage. Hole size - 8-3/4 in.

Injection Tubing: 3-1/2 in J-55 EUE 9.3 lb/ft Internally Coated Tubing set at 6885 ft.

Packer:

7 in by 3 ½ in AS1-X packer 10K nickel coated, will be set in tension at 6825 ft or 50 ft above the upper most perforation.

- **B. Additional Information**
 - 1. Injection Interval: Entrada Sandstone
 - 2. The injection interval (Entrada 6875' 7070') will be perforated.
 - 3. The well (North Alamito WDW #1) will be drilled for the purpose of injection into the Entrada Sandstone.
 - 4. Only the injection interval is to be perforated.
 - 5. Fruitland Coal / Pictured Cliffs Sandstone-Approx. 1025' 1459', Gallup-Approx. 4515'-5624' and Dakota Sandstone-Approx. 5775'.

			1	WELL NAME:	North Alamito	Unit WDW #	1	STATE	New Mexico		LOCATION:	908' FNL & 117		
_				API NO:				COUNTY	: San Juan			ULA Sec 1 T22	N R8W	
		12 1/4 " Hole from 0'-500'		TVD:	7050'					TARGET	FORMATION:	Entrada		
					CASIN	G DATA and	OTHER TO	OLS				CEME		
		Surface Cement		OD	WT/FT	GRADE	THREAD	TOP	EOC			SX	WT.	
		14.6 ppg								Surface	Tail only	253	14.6 ppg	125% Excess
		0'-500'							5001					over gauge
			Srf Csg	9.625*	36.00 lb/ft	J-55	STC	0'	500'	Production				
		Surface Casing	Prod Liner	7.00"	26.00 lb/ft	L-80	LT&C	0'	7070'	1st Stage	1	314	12.5 ppg	50% Excess
		9 5/8" 36# J55 STC	Prod Liner	7.00	20.00 10/1	L-00	LING		1010	1st Stage		82	14.6 ppg	over gauge
		Set @ 500'	DV Tool					3795		2nd Stage		373	12.5 ppg	
		8 3/4" Hole from 500' to 7070'								2nd Stage	Tail	82	14.6 ppg	
			Packer	7 " by 3 1/2"						Total		851		
100		1		AS1-X 10K										
22.0				Nickel coated						A STATE	A REAL PROPERTY.			-
DV	D	DV Tool Set at 3795' - 50' above Mancos				Geology				Tubing an	d Packer		2115 Mar	
				Formation	Subsea	TVD	MD	O/G/W	Pressure	1	Size	Tubing	Depth	Packe
				Tops Ojo Alamo	6110	725	725		normal	3	500"	685	5	68
				Kirtland	6070	765	765		normal	L				
		7" Casing 26# L80 LTC		Fruitland	5810	1025		G/W	sub-normal					
				Pictured Cliffs	5555	1280		G/W	sub-normal					
				Lewis	5375	1460		G/W	normal					
				Chacra	4800	2035		G/W	normal					
				Cliff House	4105	2730		G/W	sub-normal					
		Tubing Packer set at 6825'		Menefee Point Lookout	4070 3160	2765		G/W G/W	normal					
		Estado Tra COZCI		Mancos	2990	3845		0/G	normal					
×		Entrada Top 6875'		Gallup	2330	4515		0/G	normal					
	~	L-80 EUE		Greenhorn	1210	5625		O/G/W	normal					
100	x			Dakota	1060	5775		O/G/W	normal					
x	x.			Todilto	20	6815		G/W	normal					
×		1		Entrada	-40	6875	6875 7070		normal					
x	_	1			-235	7070								

3

INJECTION WELL DATA SHEET

Tubing Size:	
	Surface Casing:
	9-5/8 in, 36 lb, J-55 set at 500 ft, ST&C coupling, Cemented with 253 sx (352
	cu ft). Circulate cement to surface, Hole size – 12-1/4 in.
	Production Casing:
	7 in, 26 lb, N-80 (7070 ft) set at 7070 ft., LT&C coupling, Cement in two stages with stage tool (DV) at 3795 ft using 739 cu ft (626 cu ft 1 st stage and 113 cu ft in 1 st tail)
	in first stage and 739 (626 2 nd stage and 113 in 2 nd tail) cubic ft in second stage. Hole size – 8-3/4 in.

Injection Tubing: 3-1/2 in J-55 EUE 9.3 lb/ft Internally Coated Tubing

Type of Packer:

7 in by 3 ½ in AS1-X packer 10K nickel coated,

Packer Setting Depth:

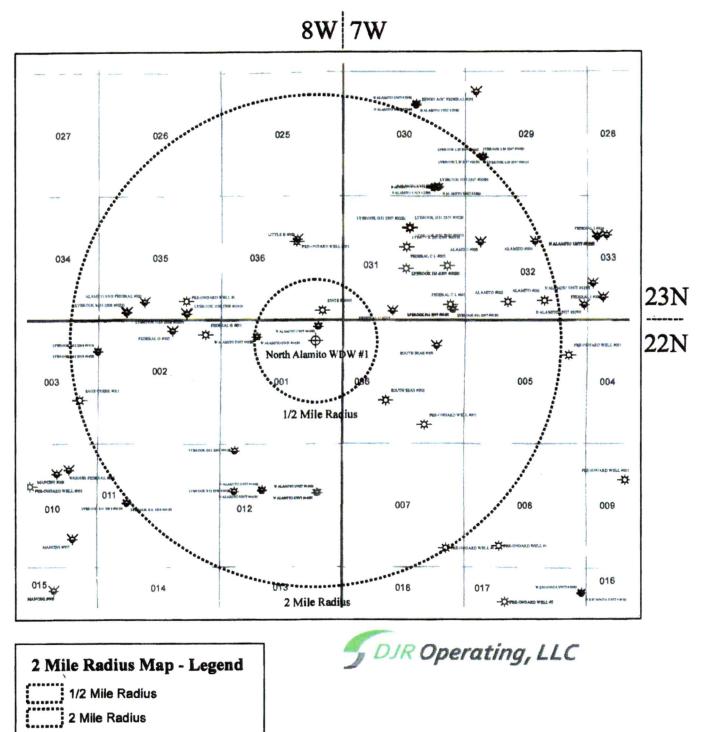
Set in tension at 6825 ft or 50 ft above the upper most perforation.

Other Type of Tubing/Casing Seal (If applicable): -NA-

Additional Data

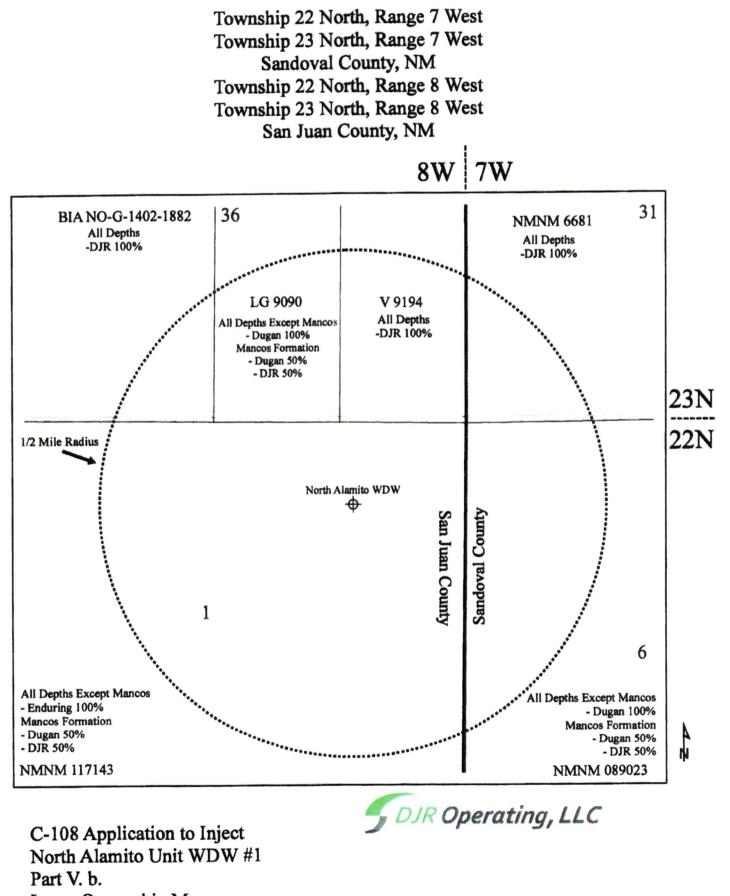
- 1. Is this a new well drilled for injection: X Yes No If no, for what purpose was the well originally drilled?
- 2. Name of Injection Formation: Entrada Sandstone
- 3. Name of Field or Pool (If applicable): NA
- 4. Has the well ever been perforated in other zone(s) No List all such Perforated intervals and give plugging detail, i.e. Sacks of cement or plug(s) used: NA
- 5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Fruitland Formation-1025', Picture Cliffs-1280', Mancos Shale-3845', Gallup Sandstone-4515', Dakota Sandstone-5775'

Received by OCD: 11/5/2020 12:53:45 PM

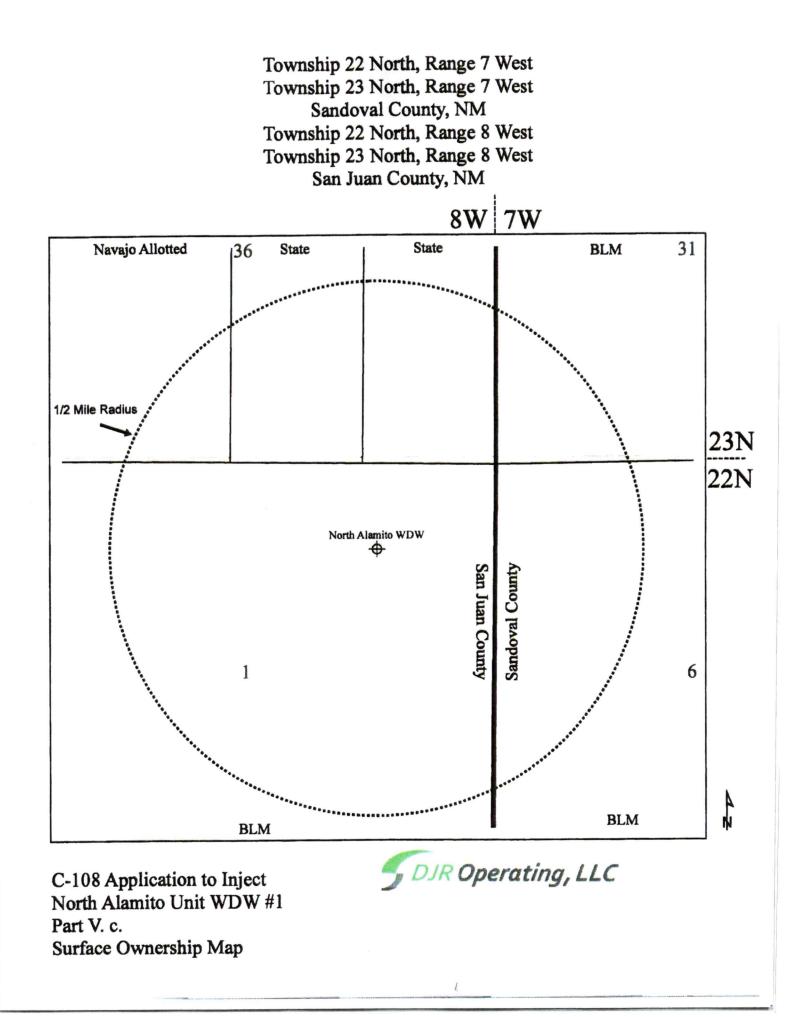


- Suspended, Cancelled, Plugged
- New, Active
- ↔ North Alamito Unit WDW

M-1



Lease Ownership Map



Received by OCD: 11/5/2020 12:53:45 PM

.

Application for Authorization to Inject

DJR Operating, LLC

North Alamito WDW #1

Part VI. Data on Offset Wells

There are no wells within the ½ mile area of review which penetrate the proposed injection zone. There are also no plugged wells in the ½ mile radius of the proposed injection well.

•

											1441		
30-043-21229 LYBROOK P31 2307	P31 2307	HTOOH	Gas	Federal		New	31 23N	W10	٩	1/1800			[371838] DJR OPERATING, LLC
30-043-21228 LYBROOK P31 2307	P31 2307	HEOOH	Gas	Federal		New	NE2 IE	W10	٩	1/1800			[371838] DJR OPERATING, LLC
	LYBROOK G31 2307	_	Gas	Federal	Navajo	Plugged, Site Released	31 23N	07W	IJ.	1/1800			12/9/2015 [282327] ENCANA CIL & GAS (USA) INC.
	LYBROOK G31 2307	#002H	Ges	Federal		Plugged, Site Released	31 23N	07W	5	1/1800			12/9/2015 [282327] ENCANA OIL & GAS (USA) INC.
30-043-21218 LYBROOK	LYBROOK G31 2307	HEOOH	Gas	Federal		Plugged, Site Released	31 23N	W/0	U U	1/1800			12/9/2015 [282327] ENCANA OIL & GAS (USA) INC.
30-043-21214 LYBROOK J31-2307	J31-2307	#001H	5	Federal	Navajo	Plugged, Site Released	31 23N	WL0	~	1/1800			12/9/2015 [282327] ENCANA OIL & GAS (USA) INC.
30-043-21215 LYBROOK	VBROOK J31-2307	#002H	ē	Federal	Navajo	Plugged, Site Released	31 23N	W/0	-	1/1800			12/9/2015 [282327] ENCANA OIL & GAS (USA) INC.
30-043-20826 FEDERAL C	0	EOON	ē	Federal		Active	31 23N	07W	z		May-19	7/12/1988	[372834] EPIC ENERGY, LLC.
30-043-05164 FEDERALCL	5	1001	ē	Federal		Plugged, Site Released	31 23N	07W	٩		Apr-04	7/26/1978	11/17/2004 [23846] QEP ENERGY COMPANY
	5	-	ē	Federal		Plugged, Site Released	31 23N	07W	-		Feb-95	7/26/1978	5/10/2002 [23846] GEP ENERGY COMPANY
30-043-21235 N ALAMITO UNIT	O UNIT	#234H	5	Federal	Indian	New	30 23N	07W	U	1/1800			[371838] DJR OPERATING, LLC
30-043-21236 N ALAMITO UNIT	O UNIT	#235H	5	Federal	Indian	New	30 23N	07W	U	1/1800			[371838] DJR OPERATING, LLC
	O UNIT	_	ē	Federal	Indian	New	30 23N	W/0	U	1/1800			[371838] DJR OPERATING, LLC
30-043-21211 N ALAMITO UNIT	O UNIT	H8E2W	ē	Federal	Indian	New	NE2 DE	WL0	0	1/1800			[371838] DJR OPERATING, LLC
30-043-21210 N ALAMITO UNIT	TINU O	H239H	5	Federal	Indian	New	30 23N	07W	0	1/1800			[371838] DJR OPERATING, LLC
	JIND O.	-	ē	Federal	Indian	New	30 23N	WL0	٩	1/1800			[371838] DJR OPERATING, LLC
	O UNIT	-	ō	Federal	Indian	New	30 23N	№ 10	0	1/1800			[371838] DJR OPERATING, LLC
30-043-21198 N ALAMITO UNIT	O UNIT		5	State		Active	32 23N	W/0	۵		Jun-19	9/3/2014	[371838] DJR OPERATING, LLC
30-043-20814 ALAMITO		#003	ē	State		Active	NEZ ZE	W/0	ш		May-19	8/21/1987	[372834] EPIC ENERGY, L.L.C.
30-043-20815 ALAMITO		#004	ē	State		Active	32 23N	W/0	υ		May-19	8/28/1987	[372834] EPIC ENERGY, L.L.C.
30-043-20807 ALAMITO		1001	Gas	State		Plugged, Site Released	32 23N	07W	0		Aug-89	8/16/1986	2/21/1996 [23846] QEP ENERGY COMPANY
30-043-20816 ALAMITO		#002	ē	State		Plugged, Site Released	NE2 28	07W	z		Feb-05	8/14/1987	5/12/2011 [23846] QEP ENERGY COMPANY
30-045-35713 W ALAMITO UNIT	TO UNIT	#460H	ē	Federal	Indian	New	1 22N	08W	۲	1/1800			[372286] ENDURING RESOURCES, LLC
30-045-35714 W ALAMITO UNIT	TO UNIT	#461H	ē	Federal	Indian	New	1 22N	08W	4	1/1800			[372286] ENDURING RESOURCES, LLC
30-045-35716 W ALAMITO UNIT	TO UNIT	#462H	ē	Federal	Indian	New	1 22N	08W	υ	1/1800			[372286] ENDURING RESOURCES, LLC
30-045-35715 W ALAMITO UNIT	TO UNIT	#463H	ē	Federal	Indian	New	1 22N	M80	U	1/1800			[372286] ENDURING RESOURCES, LLC
30-045-26912 FEDERAL G	g	#003	ē	Federai		Active	2 22N	08V	8		May-19	7/5/1988	[372834] EPIC ENERGY, LLLC.
-	0		ē	Federal	:	Plugged, Site Released	2 22N	08 M	< -		Nn-09	7/24/1978	6/24/2009 [23846] QEP ENERGY COMPANY
-	YBROOK A03 2208		8	Federal	Indian	New	3 22N	N80	۷.	1/1800			[371838] DJR OPERATING, LLC
_	LYBROOK A03 2208	Ŧ	ŝ	Federal	Indian	New	3 22N	88	۷.	1/1800			
	ň		ō	Federal		Plugged, Site Released	3 ZZN	880 880	_ ;		Feb-03	10/8/1986	6/8/2009 (6515) DUGAN PRODUCTION CORP
	0 COM		59	Federal	1	Active	3 22N	A80	z	11000	May-19	12/12/2007	[6515] DUGAN PRODUCTION CORP
_	LYBROOK D12 2208			rederai	Indian	New	N22 21	A 20	. .				[3/ 1836] UN OPENATING, LLC
	LYBROOK E12 2208	HIOOM	<u> </u>	Federal		New	N22 21		. 3				[3/1030] U/A OFENALING, LLC [3773366] FMM JEIMAG RECOVERCES 110
		MACH	5 2	Federal			NCC C1		: 1				(3772966) FMONINEMAG RESOLUTION
		LCOM	5 2	Enderal	indian in		N22 21		<u>د</u> ب				
	TOHNE	HLYNN	5 8	Federal	Indian		12 22N			1/1800			13722861 ENDURING RESOURCES, LLC
	LYBROOK M35 2308	#001H	5	Federal		Active	35 23N	W80	Σ		19-Jun	9/25/2014	[371838] DJR OPERATING, LLC
_	VBROOK M35 2308	#002H	ō	Federal		Active	35 23N	08W	z		19-Jun	10/6/2014	[371838] DIR OPERATING, LLC
	VBROOK 035 2308	HEOOM	Ð	Federal	Indian	Active	35 23N	M80	0		19-Jun	10/27/2014	[371838] DJR OPERATING, LLC
30-045-35524 LYBROOK	LYBROOK 035 2308	#002H	ē	Federal		Active	35 23N	W80	0		19-Jun	10/15/2014	[371838] DJR OPERATING, LLC
30-045-28989 ALAMITO	ALAMITO ANR FEDER. #001	1.#001	ē	Federal		Active	35 23N	08W	z		19-May	10/2/1993	[6515] DUGAN PRODUCTION CORP
30-045-28333 LITTLE B		#002	5	State		Active	36 Z3N	08W	υ		19-May	11/23/1990	
30-045-28665 STATE K		100#	5	State		Plugged, Site Released	36 23N	MBO	٩		9-May	5/23/1992	6/29/2009 [282327] ENCANA OIL & GAS (USA) INC.
30-045-27855 PRE-ONG	PRE-ONGARD WELL	100#	Gas	State		Plugged, Site Released	36 23N	MBO	IJ	1/1800			12/31/1901 [214263] PRE-ONGARD WELL OPERATOR
30-043-20897 SOUTH SEAS	EAS	100#	Ges	Federal		Active	6 22N	W10	•		19-May	7/30/1993	[6515] DUGAN PRODUCTION CORP
	EAS	#007	Gas	Federal		Plugged, Site Released	6 22N	M10	¥		10-04	4/29/1994	3/6/2012 [6515] DUGAN PRODUCTION CORP
30-043-20361 PRE-ONG	PRE-ONGARD WELL	100#	ō	Federal		Plugged, Site Released	6 22N	W 20	0	1/1800		10/31/1978	8/25/1979 [214263] PRE-ONGARD WELL OPERATOR

.

Application for Authorization to Inject

DJR Operating, LLC

North Alamito Unit WDW #1

Well Details located within the ½ mile Area of Review. Based on information gathered from NMOCD records.

	V	Vells	Operator Data	Submit Form	Fee Application Administration
OCD Permitting					
ome Wells Well Details					
30-045-35717 W ALA	MITO UNIT #464	H [32	1257]		
General Well Information					Quick Links General Well Information
Operator:	[372286] ENDURING RESO	URCES, I	LC		<u>History</u>
Status:	New	Direct		Horizontal	<u>Comments</u>
Well Type:	Oil		_ateral:	No	<u>Operator</u>
Work Type:	New		al Owner:	Federal	• Pits
the state of the s			e Owner:	Indian	<u>Casing</u>
Surface Location:	H-12-22N-08W 2091 FNL				Well Completions
Lat/Long:	36.155705,-107.628169 NAD				Financial Assurance
GL Elevation:	6803				<u>Compliance</u>
KB Elevation:		Sina/M	Ault Compl:	Single	Complaints, Incidents and Spill
DF Elevation:			h Waiver:	False	Orders
at history off.					Production
					Transporters
Proposed Formation and/or Notes					Points of Disposition
AMW HS/104 DS/PLAT/NSL					
and a second second second the					Associated Images
					Well Files
Depths					Well Logs
	10017	T	lastical Desthe	0	Administrative Orders
Proposed:	13017 0		ertical Depth: ack Measured:	0	New Searches
Measured Vertical Depth:	0	Plugb	ack measured.	0	New Well Search
Formation Tops					
Forma	ation	t	Fop Producing	Method Obtained	
Event Dates					
Initial APD Approval:	02/12/2016				
Most Recent APD Approval:	04/19/2018	Currei	nt APD Expiration:	01/29/2020	
APD Cancellation:					
APD Extension Approval:	12/13/2017				
Spud:		Gas C	apture Plan Received:		
Approved Temporary		TA Ex	piration:		
Abandonment:					
Shut In:					
Plug and Abandoned Intent		PNR E	xpiration:		
Received:		Last N	IIT/BHT:		
Well Plugged:					
Site Release:					
Last Inspection:					
History					

OCD Permitting - Well Details

SCRUES76 (REGULATORY SPECIALIST FOR DJR OPERATING, LLC) SIGN OUT HELP

				Wells Or	perator D	Data	Submit Forn	n	Fee Application	Administration
02/12/2016	[315082] W ALAMITO UNIT	#464H	[120782] WPX ENERGY PRODUCTION, LLC	New	Oil	New				
Comments	5									
Operator										
General Conta	ct Information									
Company:		[3	72286] ENDURING R	ESOURCES, LLC	Main I	Phone:	303-350-571	6		
Address:			050 17TH STREET, SU	ITE 2500	Main I	Fax:	303-573-046	1		
Country:			ENVER, CO 80265 .S.A.							
Central Conta	ct		na provinsi della construito della construito della construito della construito della construito della construi A							
Name:		Tr	avis Whitham		Phone	e Number:	303-350-5716	ò		
Title:		La	andman		Cell N	lumber:	719-688-5521			
E-Mail Addre	955:	tw	hitham@enduringresou	rces.com	Fax N	umber:	303-573-0461			
Aztec Contact										
Name:		Ar	ndrea Felix		Phone	e Number:	505-636-9741			
Title:			egulatory Manager			lumber:	505-386-8205	5		
E-Mail Addre	ess:	af	elix@enduringresource	s.com	Fax N	umber:				
Pits										
No Pits Found										
Casing										
caoing										

Well Completions

[98163] ALAMITO MANCOS W

Status:	New	, Not Drilled		Last Produced:
Bottomhole Location:	P-13	-22N-08W	330 FSL	550 FEL
Lat/Long:				
Acreage:	240	13-22N-08	W Units: A H	1 I P
		12-22N-08	W Units: I P	
DHC:				Consolidation Code:
				Production Method:

OCD Permitting - Well Details

SCRUES76 (REGULATORY SPECIALIST FOR DJR OPERATING, LLC) SIGN OUT HELP

		Wells	Operator Data	Submit Form	Fee Application	Administration
Gas-Oil Ratio:	0 Kcf / I	obl Oil G	ravity:	0.0 Corr. API		
Disposition of Gas:		Wate	r Volume:	0.0 bbls		
Perforations						
	Top Measured Dep	th Bottom Measured				
Date	(Where Completio		Top Vertical Depth	Bottom Vertical		
	Enters Formation		, , , ,	Depth		
Notes						
Event Dates						
Initial Effective/Approval	: 02/12/	2016				
Most Recent Approval:	04/19/2	2018 TA E	xpiration:			
Confidential Requested	On:	Conf	idential Until:			
Test Allowable Approval	:	Test	Allowable End:			
TD Reached:		DHC				
Deviation Report Receiv	ed: No	Rig F	Released:			
Directional Survey Run:	No	Logs	Received:	No		
Directional Survey Rece	ved: No	Clos	ure Pit Plat Received:			
First Oil Production:		First	Gas Production:			
First Injection:						
Ready to Produce:		Com	pletion Report Received:			
C-104 Approval:		New	Well C-104 Approval:			
Plug Back:						

Effective Date	Property	Well Number	Operator	Completion Status	TA Expiration Date
04/19/2018	[321257] W ALAMITO UNIT	#464H	[372286] ENDURING RESOURCES, LLC	New, Not Drilled	
02/12/2016	[315082] W ALAMITO UNIT	#464H	[120782] WPX ENERGY PRODUCTION, LLC	New, Not Drilled	

Financial Assurance

Effective	Bond Type	Base	Balance	Issuer	Cash/Surety	Cancellation Date
06/30/2017	Blanket	250000	250000	RLI INSURANCE COMPANY	Surety	

Requests to release bonds must be submitted in writing. You may send an e-mail to <u>Denise Gallegos@state.nm.us</u> or fax a letter to (505) 476-3453.

Compliance

Note that Financial Assurance and Inactive Well Compliance are documented in separate reports (Inactive Well Report, Financial Assurance Report).

Also note that some compliance issues are addressed at the operator level so not listed under each well.

2019			OCD Per	mitting - V	Vell Details			
			SCRUES	76 (REGULA	ATORY SPECIALIST FO	R DJR OPERATING, LLC)	SIGN OUT	HEI
		v	/ells Operato	r Data	Submit Form	Fee Application	Administr	atio
	eo nere as a spin, inform t part of this application	เลขอการเลเรอ เอาเมืองเรา เลของเรา เป็นเป็น เป็	nent plans, remeatant	m pians anu	ground water impact			
Orders								
No Orders Found								
Draduation / Inic	otion							
Production / Inje	n in OCD Records:	Lost		5	how All Production E	xport to Excel		
Earliest Production	n in OCD Records: Produ	Last		_	njection			
		Days						
Time Frame O	il(BBLS) Gas(MCF)	Water(BBLS) P/I	Water(BBLS)	Co2(MCF)	Gas(MCF) Other	Pressure		
Grand Total:	0 0	0 0	0	0	0 0	N/A		
Transporters								
	Transporter		Product	M	ost Recent for Property	(
Points of Dispos	sition							
iD	Туре	Descrip	otion		Pool(s)			
		New Mexico Energy,	Minerals and Natural Res	sources Depart	ment Copyright 2012	14		
					ment Copyright 2012 3-3200 F: (505) 476-3220			

https://wwwapps.emnrd.state.nm.us/ocd/ocdpermitting/Data/WellDetails.aspx?api=30-045-35717

4/4

3/2019			OCD Permitting - W	ell Details		
			SCRUES76 (REGULA	TORY SPECIALIST FOR	DJR OPERATING, LLC) SIGN OUT I
	v	Vells	Operator Data	Submit Form	Fee Application	Administrat
OCD Permitting						
30-045-35718 W AL	AMITO UNIT #465	H [32	21257]			
General Well Information						Links
Operatory	[372286] ENDURING RESOU	IRCES			 Genera History 	al Well Information
Operator:	[372286] ENDURING RESUL	Direc		Horizontal	• Comm	
Status:	Oil		Lateral:	No	Operat	
Well Type:			ral Owner:	Federal	• Pits	-
Work Type:	New			Indian	<u>Casing</u>	
1			ce Owner:	indian		ompletions
Surface Location:	H-12-22N-08W 2089 FNL		FEL			ial Assurance
Lat/Long:	36.155708,-107.628305 NAD	83				
GL Elevation:	6803				<u>Compli</u>	
KB Elevation:		-	Mult Compl:	Single		aints, Incidents and
DF Elevation:		Potas	h Waiver:	False	Orders Produce	
					Transp	
Proposed Formation and/or Notes					Points	of Disposition
AMW HD/104 DS/PLAT/NSL					Assoc • Well Fi	iated Images
Depths					• Well Lo	
	1201E	True	Vertical Depth:	0	Admin	Strative Orders
Proposed: Measured Vertical Depth:	13015 0		back Measured:	0		Searches Iell Search
Formation Tops						
Forn	nation		Top Producing	Method Obtained		
Event Dates						
Initial APD Approval:	02/12/2016					
Most Recent APD Approval: APD Cancellation:	04/19/2018	Curre	ent APD Expiration:	01/29/2020		
APD Extension Approval:	12/13/2017					
Spud:		Gas (Capture Plan Received:			
Approved Temporary			piration:			
Abandonment:						
Shut In:						
		PMP	Expiration:			
Plug and Abandoned Intent			MIT/BHT:			
Received:		Last	and the states			
Well Plugged:						
Site Release:						
Last Inspection:						

Effective	D	Well	Onemptor	C-101 Work	Well	Well	Apd	Plug
Date	Property	Number	Operator	Туре	Туре	Status	Cancelled	Date

https://wwwapps.emnrd.state.nm.us/ocd/ocdpermitting/Data/WellDetails.aspx?api=30-045-35718

1/4

OCD Permitting - Well Details

SCRUES76 (REGULATORY SPECIALIST FOR DJR OPERATING, LLC) SIGN OUT HELP

Fee Application Administration	Fe	Submit Form	ata	Operator D	Wells O				
			New	Oil	New	[120782] WPX ENERGY PRODUCTION, LLC	#465H	[315082] W ALAMITO UNIT	02/12/2016
								3	Comments
									Operator
								ct Information	eneral Conta
		303-350-5716	Phone:	Main I	SOURCES, LLC	2286] ENDURING RE	[3]		Company:
		303-573-0461	Fax:	Main I		50 17TH STREET, SUIT ENVER, CO 80265	10		Address:
						S.A.	U.		Country:
								ct	Central Contac
		303-350-5716	e Number:	Phone		ivis Whitham	Tra		Name:
		719-688-5521	umber:			ndman			Title:
		303-573-0461	umber:	Fax N	ces.com	hitham@enduringresour	twh	55:	E-Mail Addre
									ztec Contact
		505-636-9741	Number:	Phone		drea Felix	And		Name:
		505-386-8205	umber:			gulatory Manager			Title:
			umber:	Fax N	.com	lix@enduringresources.	afe	SS:	E-Mail Addre

No Pits Found

Casing

No Casing Found

Well Completions

[98163] ALAMITO MANCOS W

Status:	New	Not Drilled		Last Produced:
Bottomhole Location:	0-13	-22N-08W	330 FSL	1800 FEL
Lat/Long:				
Acreage:	240	13-22N-08	W Units: B G	JO
		12-22N-08	W Units: J O	
DHC:				Consolidation Code:
				Production Method:

OCD Permitting - Well Details

SCRUES76 (REGULATORY SPECIALIST FOR DJR OPERATING, LLC) SIGN OUT HELP

			Wells	Operator Data	Submit Form	Fee Application	Administration
Gas-Oil Ratio:		0 Kcf / bbl	Oil G	ravity:	0.0 Corr. API		
Disposition of Gas:			Wate	r Volume:	0.0 bbls		
Perforations							
	Top Meas	sured Depth	Bottom Measured				
Date		Completion	Depth	Top Vertical Depth	Bottom Vertical		
	2	Formation)	(End of Lateral)		Depth		
		d en prinsering sound					
Notes							
Event Dates							
	vol	02/12/2016					
Initial Effective/Appro Most Recent Approva		04/19/2018	TAE	xpiration:			
Confidential Request		04/19/2018		idential Until:			
				Allowable End:			
Test Allowable Appro TD Reached:	val.		DHC				
Deviation Report Rec	Sived:	No		eleased:			
Directional Survey R		No		Received:	No		
Directional Survey Re		No	-	are Pit Plat Received:	110		
First Oil Production:	Geneu.			Gas Production:			
First Injection:			The second se				
Ready to Produce:			Com	pletion Report Received:			
neauy to Frounce.				Well C-104 Approval:			
C.104 Approval:			new	ter - to the representation			
C-104 Approval: Plug Back:							

Well Completion History

Effective Date	Property	Well Number	Operator	Completion Status	TA Expiration Date
04/19/2018	[321257] W ALAMITO UNIT	#465H	[372286] ENDURING RESOURCES, LLC	New, Not Drilled	
02/12/2016	[315082] W ALAMITO UNIT	#465H	[120782] WPX ENERGY PRODUCTION, LLC	New, Not Drilled	

Financial Assurance

Effective	Bond Type	Base	Balance	lssuer	Cash/Surety	Cancellation Date
06/30/2017	Blanket	250000	250000	RLI INSURANCE COMPANY	Surety	

Requests to release bonds must be submitted in writing. You may send an e-mail to <u>Denise.Gallegos@state.nm.us</u> or fax a letter to (505) 476-3453.

Compliance

Note that Financial Assurance and Inactive Well Compliance are documented in separate reports (Inactive Well Report, Financial Assurance Report).

Also note that some compliance issues are addressed at the operator level so not listed under each well.

/2019				ermitting - V	Vell Details ATORY SPECIALIST F	OR DJR OPER	ATING, LLC)	SIGN OUT	HEL
		Moli	Onora	tor Data	Submit Form	Eco Ar	plication	Administra	atio
		Well	s Opera	tor Data	Submit Form	ree Ap	plication	Administra	1101
	et nere as a spin, informat It part of this application.	เงกาศสเซนางากค่ายวลเคกคณ	pians, remeaia	anon pians and	r ground waterninpact				
Orders									
No Orders Found									
Production / Inje	ection								
Earliest Production	n in OCD Records:	Last		<u>s</u>	how All Production	Export to Exce	4		
	Product	tion		I	njection				
		Days							
Time Frame O	il(BBLS) Gas(MCF)		Water(BBLS)	Co2(MCF)	Gas(MCF) Other	Pressure			
Grand Total:	0 0	0 0	0	0	0 0	A/N			
					harring the second part former, sugar				
Transporters									
	Transporter		Product	t M	ost Recent for Prope	rty			
Points of Dispo	eition								
	Sidon								
ID	Туре	Descriptio	n		Pool(s)				
			value and block of the	Department Dec	ment I Converte 2010				
		New Mexico Energy, Mine 1220 South St. Francis Drive							
						MNRD Home	OCD Main Page	OCD Rules	Н

Received	hy	OCD.	11/5/2020	12.53.4	5 <i>PM</i>
Neceiven	DV	UUII	11/3/2020	12:33:4.	

2019			OCD Permittir	ng - We	II Details			
			SCRUES76 (RI	EGULATO	DRY SPECIALIST F	OR DJR OF	PERATING, LLC)	SIGN OUT HE
		Wells	Operator Dat	a	Submit Form	Fee	Application	Administratio
OCD Permitting ome Wells Well Details 30-045-35719 W ALA		21132	12571					
General Well Information		11 [02	1207]				Quick L	inke
General Weit information								Well Information
Operator:	[372286] ENDURING RES	OURCES, I	LC				 <u>History</u> 	
Status:	New	Direct	ion:		Horizontal		 <u>Commen</u> 	ts
Well Type:	Oil	Multi-l	_ateral:		No		 Operator 	
Work Type:	New		al Owner:		Federal		 Pits 	
			e Owner:		Indian		 <u>Casing</u> 	
Surface Location:	F-12-22N-08W 1944 FN		FWL				 Well Con 	
Lat/Long:	36.156096,-107.636207 NA	AD83						Assurance
GL Elevation:	6794						<u>Complian</u>	
KB Elevation:			lult Compl:		Single			ts, Incidents and Spi
DF Elevation:		Potasi	n Waiver:		False		Orders Production	n
Proposed Formation and/or Notes							 Transport Points of 	ers Disposition
							· ronns or	Disposition
WAM HD/104 DS/PLAT/NSL							Associa • Well Files	ted Images
Depths							Well Logs	
Proposed:	12958	True V	ertical Depth:		0		• <u>Administ</u>	
Measured Vertical Depth:	0		ack Measured:		0		New Sea	
Formation Tops								
Form	ation	1	Top Produc	cing	Method Obtain	ed		
Event Dates								
Initial APD Approval:	02/12/2016							
Most Recent APD Approval: APD Cancellation:	04/19/2018	Currer	t APD Expiration	:	02/03/2020			
APD Extension Approval:	01/08/2018							
Spud:	1	Gas Ca	apture Plan Recei	ved:				
Approved Temporary			piration:					
Abandonment:								
Shut In:								
Plug and Abandoned Intent		PNR E	xpiration:					
Received:		Last M	IT/BHT:					
Well Plugged:								
Site Release:								
Last Inspection:								
History								
Etterning	/eli	C-101 W	10 mls 16/mll	Well	And	lug		
Effective	1451	0-101 88	ork Well	66 G 11	Apu r			
Property	Operator mber	Туре		Status		Date		

OCD Permitting - Well Details

SCRUES76 (REGULATORY SPECIALIST FOR DJR OPERATING, LLC) SIGN OUT HELP

				Wells Op	erator I		Submit Form	Fee Applic	
02/12/2016	[315082] W ALAMITO UNIT	#466H	[120782] WPX ENERGY PRODUCTION, LLC	New	Oil	New			
Comment	s								
Operator									
	act Information				Main	Dhomes	202 250 5716		
Company: Address:			372286] ENDURING R 1050 17TH STREET, SU			Phone: Fax:	303-350-5716 303-573-0461		
Country:			DENVER, CO 80265 U.S.A.						
Country.									
Central Conta	ict								
Name:			ravis Whitham andman			ne Number: Number:	303-350-5716 719-688-5521		
Title: E-Mail Addr	ess:		whitham@enduringreso	ources.com		Number:	303-573-0461		
Aztec Contac	t								
Name:		F	Andrea Felix			ne Number:			
Title:			Regulatory Manager afelix@enduringresource	es com		Number: Number:	505-386-8205		
E-Mail Addr	ess:	č	aleix@endumgresource	es.com	T ux	Number.			
Pits									
No Pits Found									
Casing									

Well Completions

[98163] ALAMITO MANCOS W

Status: Bottomhole Location:		Not Drilled -22N-08W	330 FSL	Last Produced: 2250 FWL
Lat/Long:				
Acreage:	240	13-22N-08	W Units: C F	KN
		12-22N-08	W Units: K M	4
DHC:				Consolidation Code:
				Production Method:

				SCRUES76 (REG	ULATORY SPECI	ALIST FOR D	JR OPERATING, LLC)	SIGN OUT HI	ELF
			Wells	Operator Data	Submit	Form	Fee Application	Administratio	n
Gas-Oil Ratio		0 Kcf / bbl		ravity: r Volume:	0.0 C 0.0 b	orr. API bls			
Perforations									
Date	e (Where C	ured Depth completion cormation)	Bottom Measured Depth (End of Lateral)	Top Vertical De	pth	om Vertical Depth			
Notes									
Most Recen Confidentia Test Allowa TD Reached Deviation R Directional First Oil Pro First Injectic Ready to Pr C-104 Appro Plug Back:	I Requested On: ble Approval: I: eport Received: Survey Run: Survey Received: oduction: on: oduce: oval: on Revoked Start:	02/12/2016 04/19/2018 No No No	Confi Test A DHC: Rig R Logs Closu First (Comp New V	opiration: dential Until: Allowable End: eleased: Received: Ire Pit Plat Received: Gas Production: Setion Report Receiv Nell C-104 Approval: ked Until:	ved:				
Effective Date	Property	Well Number	Opera	tor	Completion Status	TA Expiration Date	i.		
04/19/2018	[321257] W ALAMITO UNIT	#466H	[372286] ENDURING LLC	RESOURCES,	New, Not Drilled				
02/12/2016	[315082] W ALAMITO UNIT	#466H	[120782] WPX ENER PRODUCTION, LLC	GY	New, Not Drilled				

Requests to release bonds must be submitted in writing. You may send an e-mail to Denise.Gallegos@state.nm.us or fax a letter to (505) 476-3453.

06/30/2017 Blanket

250000

Compliance

Note that Financial Assurance and Inactive Well Compliance are documented in separate reports (Inactive Well Report, Einancial Assurance Report).

RLI INSURANCE COMPANY

Surety

Also note that some compliance issues are addressed at the operator level so not listed under each well.

250000

8/23/2019				OCD Permitting -	Well Details			
				SCRUES76 (REGU	LATORY SPECIALIST FOR	DJR OPERATING, LLC)	SIGN OUT	HELP
			Wells	Operator Data	Submit Form	Fee Application	Administra	tion
	nation are not yet part of	as a spin, mormation related to the this application.	te abatement plan	ร, ายาทยนเลแงกา pians ai	iu grounu water impact			
On	ders							
No O	rders Found							
Pro	oduction / Injection							
Ear	liest Production in OCI	D Records: Last			Show All Production Ex	port to Excel		
		Production			Injection			
Tir	ne Frame Oil(BBLS)	Gas(MCF) Water(BBLS)	Days P/I Wate	er(BBLS) Co2(MCF)	Gas(MCF) Other	Pressure		
G	rand Total: 0	0 0	0	0 0	0 0	N/A		
Tra	ansporters							
		Transporter		Product	Most Recent for Property			
De	into of Dianosition							
P0	ints of Disposition							
	ID	Туре	Description		Pool(s)			
				and Natural Resources Dep a Fe, NM 87505 P: (505) 4	artment Copyright 2012 176-3200 F: (505) 476-3220			

EMNRD Home OCD Main Page OCD Rules Help

https://wwwapps.emnrd.state.nm.us/ocd/ocdpermitting/Data/WellDetails.aspx?api=30-045-35719

•

3/2019			OCD Permitti				TING	SIGN OUT	HEI
			SCRUES76 (F	REGULATO	ORY SPECIALIST FO	JR DJR OPERA	anne, LLC)	31610 001	ne
	v	/ells	Operator Da	ita	Submit Form	Fee Ap	plication	Administr	atio
OCD Permitting									
Home Wells Well Details									
30-045-35720 W ALA	AMITO UNIT #467	H [3 2'	1257]						
General Well Information							Quick Li	inks Well Information	1
Operator:	[372286] ENDURING RESOL	JRCES, L	LC				History		
Status:	New	Directio	on:		Horizontal		<u>Commen</u>		
Well Type:	Oil	Multi-L			No		<u>Operator</u>		
Work Type:	New		Owner:		Federal		• <u>Pits</u>		
			e Owner:		Indian		<u>Casing</u>	1.1	
Surface Location:	F-12-22N-08W 1978 FNL	1830 F	WL				Well Con		
Lat/Long:	36.156001,-107.636275 NAD	83						Assurance	
GL Elevation:	6794						<u>Complian</u>		
KB Elevation:		Sing/M	ult Compl:		Single			nts, Incidents an	id St
DF Elevation:		Potash	Waiver:		False		Orders Productic	n	
							Transport		
Proposed Formation and/or Notes							 Points of 		
AMW HD/104 DS/PLAT/NSL							A	ted Images	
ANNA HURVE DUR LANNOL								ted Images	
							Well File Well Log		
Depths								e rative Orders	
Proposed:	13013	True V	ertical Depth:		0		New Se	arches	
Measured Vertical Depth:	0	Plugba	ick Measured:		0		New Wel		
Formation Tops									
	nation	1	op Prod	ucing	Method Obtain	ed			
Event Dates									
Initial APD Approval:	02/12/2016								
Most Recent APD Approval:	04/19/2018	Curren	t APD Expiration	on:	02/03/2020				
APD Cancellation:									
APD Extension Approval:	01/08/2018								
Spud:			apture Plan Ree	ceived:					
Approved Temporary		TA Exp	piration:						
Abandonment:									
Shut In:									
Plug and Abandoned Intent			xpiration:						
Received:		Last N	IT/BHT:						
Well Plugged:									
Site Release:									
Last Inspection:									
History									
Effective	Well	C-101 V	vork Well	Well	Apd I	Plug			
Property	Operator	Туре		Status		Date			
Date	umber	17.56	1100	Se bia sta D					

https://wwwapps.emnrd.state.nm.us/ocd/ocdpermitting/Data/WellDetails.aspx?api=30-045-35720

					SCRUES76	(REGULAT	ORY SPECIALIST	FOR DJR O	FERRING, ELO	
				Wells	Operator I	Data	Submit Form	Fee	Application	Administratio
02/12/2016	[315082] W ALAMITO UNIT	#467H	[120782] WPX ENERGY PRODUCTION, LLC	New	Oil	New				
Comment	3									
Operator										
	ct Information				LC Main	Dhanai	303-350-5716			
Company: Address:			[372286] ENDURING F 1050 17TH STREET, S			Phone: Fax:	303-573-0461			
			DENVER, CO 80265 U.S.A.							
Country:			U.S.A.							
Central Conta	ct									
Name:			Travis Whitham			ne Number:	303-350-5716 719-688-5521			
Title: E-Mail Addr	ess:		Landman twhitham@enduringresc	ources.com		Number: Number:	303-573-0461			
Aztec Contact	L									
Name:			Andrea Felix		Pho	ne Number:	505-636-9741			
Title:			Regulatory Manager			Number:	505-386-8205			
E-Mail Addr	ess:		afelix@enduringresourc	es.com	Fax	Number:				
Pits										
No Pits Found										
Casing										
No Casing Fo	und									

[98163] ALAMITO MANCOS W

Status:	New,	Not Drilled		Last Produced:
Bottomhole Location:	M-13	-22N-08W	330 FSL	1100 FWL
Lat/Long:				
Acreage:	240	13-22N-08	W Units: D E	LM
		12-22N-08	W Units: L M	1
DHC:				Consolidation Code:
				Production Method:

OCD Permitting - Well Details

SCRUES76 (REGULATORY SPECIALIST FOR DJR OPERATING, LLC) SIGN OUT HELP

			Wells	Operator Data	a Submit F	orm	Fee Application	Administration
Gas-Oil Ratio	p:	0 Kcf / bbl	Oil Gra	avity:	0.0 Co	rr. API		
Disposition	of Gas:		Water	Volume:	0.0 bb	ls		
Perforations								
	Top Measu	red Depth	Bottom Measured		Botto	n Vertical		
Date			Depth	Top Vertical E	epth	epth		
	Enters Fe	ormation)	(End of Lateral)					
Notes								
Event Dates								
Initial Effect	tive/Approval:	02/12/2016						
Most Recen	t Approval:	04/19/2018	TA Exp	piration:				
Confidentia	I Requested On:			ential Until:				
Test Allowa	ble Approval:			llowable End:				
TD Reached	1:		DHC:					
	eport Received:	No		leased:				
	Survey Run:	No	-	Received:	No			
	Survey Received:	No		e Pit Plat Receive	a:			
First Oil Pro			First G	as Production:				
First Injecti			Compl	etion Report Reco	aived:			
Ready to Pr			• • • •	/ell C-104 Approv				
C-104 Appr Plug Back:	oval.							
-	on Revoked Start:		Revok	ed Until:				
Well Completi	on History							
						TA		
Effective	Property	Well	Operate	or	Completion	Expiration		
Date		Number			Status	Date		
04/19/2018	[321257] W ALAMITO UNIT	#467H	[372286] ENDURING LLC	RESOURCES,	New, Not Drilled			
02/12/2016	[315082] W ALAMITO UNIT	#467H	[120782] WPX ENERC PRODUCTION, LLC	GY	New, Not Drilled			

Financial Assurance

Effective	Bond Type	Base	Balance	Issuer	Cash/Surety	Cancellation Date
06/30/2017	Blanket	250000	250000	RLI INSURANCE COMPANY	Surety	

Requests to release bonds must be submitted in writing. You may send an e-mail to <u>Denise.Gallegos@state.nm.us</u> or fax a letter to (505) 476-3453.

Compliance

Note that Financial Assurance and Inactive Well Compliance are documented in separate reports (Inactive Well Report, Financial Assurance Report).

Also note that some compliance issues are addressed at the operator level so not listed under each well.

<form> Marcel Marce</form>	8/23/20	019							- Well Details	LIST FOR D.	JR OPERA	TING, LLC)	SIGN OUT	HELP
intermetion are not yet part of this application: Criders to Orders Found Entires Production In OCD Records: test Production Times Prame Old BBLSS Grand Total: Times prame Old Dodoolo Prints of Disposition Or Type Description Points of Disposition Or Type Description Points of Disposition Or Type Description Points Production Browner Description Points Of Disposition Description Points Production Production Production Production Production Production Prints of Disposition Production Production Production						We	ells Oper	ator Data	Submit Fo	orm	Fee App	olication	Administra	ation
					מוטח דפומנפט נט דחפ	e avaterne	ent plans, remeu	апоп ріанъ а	สกิด ground water in	прасі	1			
Production In ICOC Records Lat Size AL Direction Direction Production Injection Times Frame 01(10BELS) Gat(MCF) Water(BBLS) Co2(MCF) Gat(MCF) Other Pressure Gata Total 0 0 0 0 0 0 0 0 NA Transporter Disporters Interpreters Product Most Recent for Property: (D) Type Description Poul(s)		Orders												
Entliest Production in COD Records: Last Show All Production Exect lost Exect Production Production Injection Injection Times Frame Oil(BBLS) Gas(MCF) Water(BBLS) P/1 Water(BBLS) Co2(MCF) Gas(MCF) Other Pressure Grand Total: 0 0 0 0 0 0 0 N/A	1	No Orders Found												
Linker Frame Oil(BBLS) Gas(MCF) Water(BBLS) Days P/1 Water(BBLS) Co2(MCF) Gas(MCF) Other Pressure Grand Total: 0 0 0 0 0 0 0 N/A		Production /	Injection											
Time Frame Oil(BBLS) Gas(MCF) Water(BBLS) P/I Water(BBLS) Co2(MCF) Gas(MCF) Other Pressure Grand Total: 0 0 0 0 0 0 0 0 0 N/A Transporters Transporters Product Most Recent for Property Points of Disposition D Type Description Pool(s) Meretik and Natural Resources Department Copyright 2012 2020 South BL Francis Drive Santa Fe, NM 87505 P. (609) 476-3200 F. (609		Earliest Produ	ction in OCD	Records:	Last					ion Expo	rt to Excel			
Time Frame Oil(BBLS) Gas(MCF) Water(BBLS) P/I Water(BBLS) Co2(MCF) Gas(MCF) Other Pressure Grand Total: 0 0 0 0 0 0 0 0 0 0 0 N/A Transporters Transporter Product Most Recent for Property Points of Disposition Description Pool(s) Pool(s) ID Type Description Pool(s) Pool(s) Pool(s)				Produ	ction				Injection					
Transporters Transporter Transporter Points of Disposition ID Type Description Pool(s)		Time Frame	Oil(BBLS)	Gas(MCF)	Water(BBLS)		Water(BBLS)	Co2(MCF	F) Gas(MCF)	Other P	ressure			
Transporter Product Most Recent for Property Points of Disposition Description Pool(s) ID Type Description Pool(s)		Grand Total:	0	0	0	0	0		0 0	0	N/A			
Points of Disposition ID Type Description Pool(s) New Mexico Energy, Minerals and Natural Resources Department Copyright 2012 1220 South St. Francis Drive Santa Fe, NM 87505 P: (505) 476-3200 F: (505) 476-3220		Transporters	5											
ID Type Description Pool(s) New Mexico Energy, Minerels and Natural Resources Department Copyright 2012 1220 South St. Francis Drive Santa Fe, NM 87505 P: (505) 476-3200 F: (505) 476-3220				Transporter			Produ	ct	Most Recent for	Property				
New Mexico Energy, Minerals and Natural Resources Department Copyright 2012 1220 South St. Francis Drive Santa Fe, NM 87505 P: (505) 476-3200 F: (505) 476-3220		Points of Dis	sposition											
1220 South St. Francis Drive Santa Fe, NM 87505 P: (505) 476-3200 F: (505) 476-3220		ID	т	ype		Descrip	tion		Pool(s)					
1220 South St. Francis Drive Santa Fe, NM 87505 P: (505) 476-3200 F: (505) 476-3220														
EMNRD Home OCD Main Page OCD Rules He					New Mexic 1220 South St	co Energy, f Francis Dr	Minerals and Natura live Santa Fe, NM	Resources De 87505 P: (505	partment Copyright 2) 476-3200 F: (505) 4'	012 76-3220				
										EMNRI	D Home	OCD Main Page	OCD Rules	Help

OCD Permitting - Well Details

SCRUES76 (REGULATORY SPECIALIST FOR DJR OPERATING, LLC) SIGN OUT HELP

Wells

Operator Data

Submit Form

Fee Application

Administration

OCD Permitting

General Well Information

Well Details Wells Home

30-045-28665 STATE K #001 [313014]

[282327] ENCANA OIL & GAS (USA) INC. Operator: Status: Plugged, Site Direction: Vertical Multi-Lateral: Released No Mineral Owner: Well Type: Oil State Work Type: Surface Owner: New P-36-23N-08W 400 FSL 900 FEL Surface Location: Lat/Long: 36.1771545,-107.6274185 NAD83 GL Elevation: 6942 KB Elevation: Sing/Mult Compl: DF Elevation: Potash Waiver: False Proposed Formation and/or Notes P&A 6-29-09 Depths 0 True Vertical Depth: 5130 Proposed: Measured Vertical Depth: 5130 Plugback Measured: 5060

Formation Tops

Formation	Тор	Producing	Method Obtained
Ojo Alamo Formation	793		
Kirtland Formation	957		
Pictured Cliffs Formation	1370		
Cliff House Formation	2834		
Menefee Formation	2872		
Point Lookout Formation	3752		
Mancos Formation	3942		
Gallup Formation	4602		

Event Dates

Initial APD Approval: 05/11/1992 Most Recent APD Approval: **APD Cancellation:** APD Extension Approval: Spud:

12/19/2013 05/23/1992

Current APD Expiration: 05/11/1994

Gas Capture Plan Received: TA Expiration:

https://wwwapps.emnrd.state.nm.us/ocd/ocdpermitting/Data/WellDetails.aspx?api=30-045-28665

Quick Links

- · General Well Information
- History
- · Comments
- Operator
- Pits
- Casing
- Well Completions
- Financial Assurance
- <u>Compliance</u>
- · Complaints, Incidents and Spills
- Orders
- Production
- Transporters
- · Points of Disposition

Associated Images

- Well Files
- Well Logs
- Administrative Orders

New Searches

New Well Search

OCD Permitting - Well Details

SCRUES76 (REGULATORY SPECIALIST FOR DJR OPERATING, LLC) SIGN OUT HELP

		Wells	Operator Data	Submit Form	Fee Application	Administration
Site Release:	12/12/2016					
Last Inspection:	12/12/2016					

History

Effective Date	Property	Well Number	Operator	C-101 Work Type	Well Type	Well Status	Apd Cancelled	Plug Date
12/19/2013	[313014] STATE K	#001	[282327] ENCANA OIL & GAS (USA) INC.	New	Oil	Plugged, Site Released		06/29/2009
09/01/1994	[16174] STATE K	#001	[23846] QEP ENERGY COMPANY	New	Oil	Zones Permanently Plugged		
06/01/1992	[1911] STATE K	#001	[1883] BCO INC	New	Oil	Active		

Comments

Operator

Company: Address:	[282327] ENCANA OIL & GAS (USA) INC. 370 17th Street Suite 1700 Derver, CO 80202	Main Phone: Main Fax:	720-876-5240 720-876-6240
Country:	U.S.A.		
Central Contact			
Name:	Katie Wegner	Phone Number:	720-876-5240
Title:	Manager, Regulatory & Permitting	Cell Number:	303-819-7349
E-Mail Address:	julia.carter@encana.com	Fax Number:	720-876-6240
Aztec Contact			
Name:	Tom Lawlor	Phone Number:	720-876-3082
Title:		Cell Number:	720-201-3815
E-Mail Address:	tom.lawler@encana.com	Fax Number:	

Pits

Pit On Site: Number 1			
Pit Type:	Workover	Status:	Active
Registration Denied:			
Closure Approved:			
Closure Denied:			

OCD Permitting - Well Details

SCRUES76 (REGULATORY SPECIALIST FOR DJR OPERATING, LLC) SIGN OUT HELP

		Wells	Operator Data	Submit Form	Fee Application	Administration
 Date		Detail				
07/02/2009	RR 6-30-09					

Casing

				Boreholes, Strings and Equipment Specifications		Specifications for Strings and Tubing		Strings Cemented and Intervals			Cement and Plug Description					
s	tring/Hole Type	Taper	Date Set	Diameter	Тор	Bottom (Depth)	Grade	Length	Weight	Bot of Cem	Top of Cem	Meth	Class of Cement	Sacks	Pressure Test (Y/N)	
	urface asing	1		8.625	0	356		0	0.0	356	0	Circ	Unknown	275	No	
	roduction asing	1		4.500	0	5119		0	0.0	5119	0	Circ	Unknown	800	No	
Т	ubing 1	1		2.375	0	4980		0	0.0	0	0			0	No	

Well Completions

[1039] ALAMITO-GALLUP (O)

Status:	Zone Permanently		Last Produced:	05/01/2009
Plugged				
Bottomhole Location:	P-36-23N-08W	400 FSL	900 FEL	
Lat/Long:				
Acreage:				
DHC:	No		Consolidation Code:	
			Production Method:	Flowing
Well Test Data				
Production Test:			Test Length:	0 hours
Flowing Tubing Pressure:	0 psi		Flowing Casing Pressure:	0 psi
Choke Size:	0.000 inches		Testing Method:	
Gas Volume:	0.0 MCF		Oil Volume:	0.0 bbls
Gas-Oil Ratio:	0 Kcf / bbl		Oil Gravity:	0.0 Corr. API
Disposition of Gas:			Water Volume:	0.0 bbls

Perforations

Date	Top Measured Depth (Where Completion Enters Formation)	Bottom Measured Depth (End of Lateral)	Top Verlical Depth	Bottom Vertical Depth
	4775	5017	0	0

Notes

Event Dates

OCD Permitting - Well Details

SCRUES76 (REGULATORY SPECIALIST FOR DJR OPERATING, LLC) SIGN OUT HELP

		Wells	Operator Data	Submit Form	Fee Application	Administration
Directional Survey Run:	No	Logs R	eceived:	No		
Directional Survey Received:	No	Closure	e Pit Plat Received:			
First Oil Production:	06/01/1992	First Ga	as Production:	06/01/1992		
First Injection:						
Ready to Produce:	06/18/1992	Comple	etion Report Received:			
C-104 Approval:	06/18/1992	New We	ell C-104 Approval:			
Plug Back:						
Authorization Revoked Start:		Revoke	d Until:			

Effective Date	Property	Well Number	Operator	Completion Status	TA Expiration Date
06/29/2009	[16174] STATE K	#001	[23846] QEP ENERGY COMPANY	Zone Permanently Plugged	
09/01/1994	[16174] STATE K	#001	[23846] QEP ENERGY COMPANY	Active	
06/01/1992	[1911] STATE K	#001	[1883] BCO INC	Active	

Financial Assurance

Effective	Bond Type	Base	Balance	Issuer	Cash/Surety	Cancellation Date
07/20/2011	Blanket	50000	50000	TRAVELERS CASUALTY AND SURETY OF AMERICA	Surety	
12/06/2013	Single Well	10130	10130	TRAVELERS CASUALTY AND SURETY OF AMERICA	Surety	

Requests to release bonds must be submitted in writing. You may send an e-mail to <u>Denise.Gallegos@state.nm.us</u> or fax a letter to (505) 476-3453.

Compliance

Note that Financial Assurance and Inactive Well Compliance are documented in separate reports (Inactive Well Report, Financial Assurance Report).

Also note that some compliance issues are addressed at the operator level so not listed under each well.

12/05/2016

03/10/2017

cJK1634041074

Violation Source: Date of Violation: Compliance Required:

Resolved:

12/12/2016

Notes

Well number and UL/Qrt/Qrt section information missing from P&A marker, location cannot be released. 12/12/2016 follow up inspection found that well number and UL / Qrt/Qrt section have been added to marker, loc ok to release, compliance cleared.

Actions/Events

8/23/2019 OCD Permitting - Well Details scrues76 (regulatory specialist for Djr operating, LLC) sign out Help Wells Operator Data Submit Form Fee Application Administration 12/05/2016 Notifications E-Mail E-Mail E-Mail E-Mail

Complaints, Incidents and Spills

No Incidents Found

Please note that incidents that impact ground water are recorded along with "facilities" which may not be wells, so although the initial report may be recorded here as a spill, information related to the abatement plans, remediation plans and ground water impact information are not yet part of this application.

Orders

No Orders Found

Production / Injection

Earliest Producti 5/2009	on in OCD Rec	ords:	12/1992 Last			Sh	ow All Produc	tion E	port to Excel		
		Produ	tion				Injection				
Time Frame	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure		
1992 Cumulative	2335	25250	345	99	0	0	0	0	N/A		
1993	1627	25929	525	330	0	0	0	0	N/A		
1994	1362	15307	90	343	0	0	0	0	N/A		
1995	1073	13526	80	364	0	0	0	0	N/A		
1996	991	9433	68	366	0	0	0	0	N/A		
1997	826	7481	65	365	0	0	0	0	N/A		
1998	842	6829	61	365	0	0	0	0	N/A		
1999	797	6513	54	365	0	0	0	0	N/A		
2000	751	6027	34	366	0	0	0	0	N/A		
2001	707	4971	25	351	0	0	0	0	N/A		
2002	636	5594	22	364	0	0	0	0	N/A		
2003	587	4707	35	365	0	0	0	0	N/A		
2004	562	4993	2	366	0	0	0	0	N/A		
2005	512	4616	116	365	0	0	0	0	N/A		
2006	572	4421	230	363	0	0	0	0	N/A		

Received by OCD: 11/5/2020 12:53:45 PM

8/23/2019

OCD Permitting - Well Details

SCRUES76 (REGULATORY SPECIALIST FOR DJR OPERATING, LLC) SIGN OUT HELP

				Wel	ls Operate	or Data	Submit F	orm	Fee Appl	ication	Administration
2008	0	0	0	0	0	0	0	0	N/A		
2009	38	0	0	1	0	0	0	0	N/A		
Grand Total:	14471	148528	1981	5390	0	0	0	0	N/A		

Transporters

Transporter	Product	Most Recent for Property

Points of Disposition

ID	Туре	Description	Pool(s)
537950	Water		[1039] ALAMITO-GALLUP (O)
537930	Gas		[1039] ALAMITO-GALLUP (O)
537910	Oil		[1039] ALAMITO-GALLUP (O)

New Mexico Energy, Minerals and Natural Resources Department | Copyright 2012 1220 South St. Francis Drive | Santa Fe, NM 87505 | P. (505) 476-3200 | F: (505) 476-3220

EMNRD Home OCD Main Page OCD Rules Help

Amended Application for Authorization to Inject

DJR Operating, LLC

North Alamito Unit SWD #001

Administrative Order SWD-2255

Operations Plan

- 1. Average Injection Rate: 3,000-bwpd with a maximum of 6,000-bwpd.
- 2. The system will be closed.
- 3. The average injection pressure: 1,000 psi and the maximum will be 1,380 psi.
- 4. The source of injected water will be produced water from DJR Operating, LLC wells in the San Juan Basin of New Mexico from the Fruitland Coal, Pictured Cliffs, Mancos, and Gallup Dakota formations. The water to be injected is compatible with the water in the disposal zone.
- 5. Injection is for disposal purposes into a zone (Entrada Sandstone) that is not productive of oil or gas within one mile of the proposed injection well.

Produced Water Samples

1. Lybrook M35-2308-01H/02H

UL M & N, Section 35-23N-8W API: 030-45-35526 – 01H API: 030-45-35527 – 02H

2. Lybrook O35-2308-01H/02H

UL O, Section 35-23N-8W API: 030-45-35525-01H API: 030-45-35524-02H

1553 East Highway 40

Vernal, UT 84078

A HALLIBURTON SERVICE

8.07

Units of Measurement: Standard

	Wa	ater Analysis Report	
Production Company: Well Name: Sample Point:	DJR Operating, LLC LYBROOK M35-2308-01H/02H SEPARATOR	Sales Rep: Lab Tech:	Craig Smith Amanda Harvey
Sample Date: Sample ID:	4/9/2019 WA-385502		Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specif	ics		Analysis @ Pro	perties in Sample Specifics	
Test Date:	4/19/2019	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	50	Sodium (Na):	9648.38	Chloride (Cl):	15500.00
System Pressure 1 (psig):	15	Potassium (K):	28.17	Sulfate (SO4):	16.00
System Temperature 2 (°F):	200	Magnesium (Mg):	42.98	Bicarbonate (HCO3):	335.50
System Pressure 2 (psig):	200	Calcium (Ca):	280.55	Carbonate (CO3):	The summers
Calculated Density (g/ml):	1.0152	Strontium (Sr):	72.84	Hydroxide(HO):	
pH:	7.00	Barium (Ba):	23.43	Acetic Acid (CH3COO)	
Calculated TDS (mg/L):	26049.70	Iron (Fe):	84.00	Propionic Acid (C2HsCOO)	States and the
CO2 in Gas (%):	State	Zinc (Zn):	0.96	Butanoic Acid (C3H7COO)	Contraction of the
Dissolved CO2 (mg/L)):	99.00	Lead (Pb):	0.00	Isobutyric Acid ((CH3)2CHCOO)	MARKS HIT
H2S in Gas (%):		Ammonia NH3:		Fluoride (F):	
H2S in Water (mg/L):	0.00	Manganese (Mn):	1.38	Bromine (Br):	
Tot. SuspendedSolids(mg/L):		Aluminum (Al):	0.04	Silica (SiO2):	15.51
	0.00	Lithium (Li):	1.23	Calcium Carbonate (CaCO3):	
Corrosivity(LanglierSat.Indx)	0.00	Boron (B):	3.05	Phosphates (PO4):	1.50
Alkalinity:	and the second	Silicon (Si):		Oxygen (O2):	

Notes:

			cium onate	Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	ртв	SI	РТВ	SI	РТВ
200.00	200.00	0.62	26.38	0.21	2.97	0.00	0.00	2.01	54.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
183.00	179.00	0.50	20.91	0.25	3.42	0.00	0.00	1.89	53.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.00	159.00	0.38	15.78	0.30	4.00	0.00	0.00	1.77	51.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	138.00	0.28	11.13	0.36	4.68	0.00	0.00	1.65	49.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.00	118.00	0.18	6.99	0.44	5.46	0.00	0.00	1.53	47.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.00	97.00	0.09	3.36	0.53	6.32	0.00	0.00	1.40	44.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	77.00	0.01	0.26	0.65	7.24	0.00	0.00	1.28	41.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
83.00	56.00	0.00	0.00	0.78	8.19	0.00	0.00	1.15	38.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.00	36.00	0.00	0.00	0.95	9.14	0.00	0.00	1.03	34.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.00	15.00	0.00	0.00	1.14	10.06	0.00	0.00	0.93	32.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Innovation

(PTB = Pounds per Thousand Barrels)

1553 East Highway 40 Vernal, UT 84078

multi-chem

A HALLIBURTON SERVICE

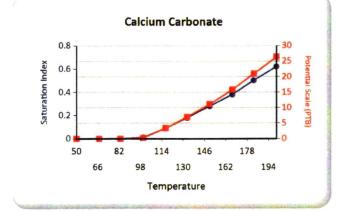
nal, UT 84078

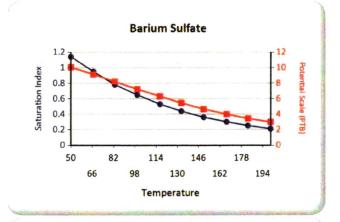
			hydrate ~0.5H2O	Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	ртв	SI	ртв	SI	РТВ	SI	РТВ	SI	РТВ	SI	ртв	SI	РТВ	SI	РТВ
200.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.11	0.00	0.00	0.28	1.62	0.00	0.00	7.49	34.44
183.00	179.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.78	33.06
167.00	159.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.09	31.01
150.00	138.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.41	28.37
133.00	118.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.75	25.32
117.00	97.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.11	22.00
100.00	77.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	18.62
83.00	56.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.93	15.35
67.00	36.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.41	12.41
50.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	10.45

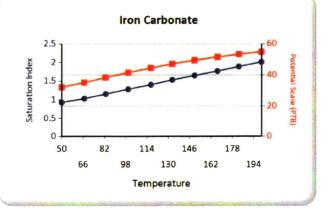
Water Analysis Report

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate Zinc Carbonate Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Barium Sulfate Iron Carbonate Fe Silicate







Innovation

Excellence

Multi-Chem - A Halliburton Service

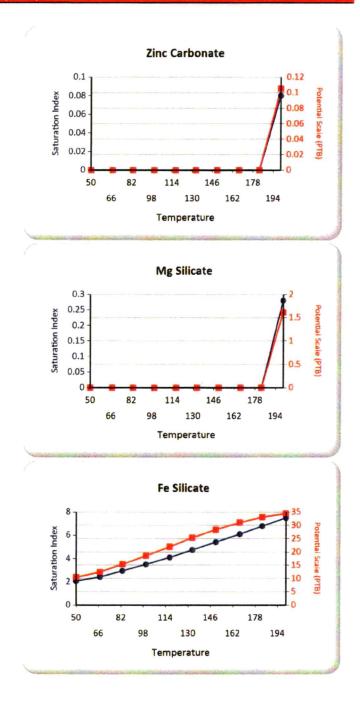
Ethics

Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078

multi-chem

A HALLIBURTON SERVICE

Water Analysis Report



Commitment

Monday, April 22, 2019

Excellence

Innovation

1553 East Highway 40 Vernal, UT 84078

A HALLIBURTON SERVICE

Units of Measurement: Standard

		Water Analysis Report	
Production Company: Well Name: Sample Point:	DJR Operating, LLC LYBROOK 035-2308-01H/02H SEPARATOR	Sales Rep: Lab Tech:	Craig Smith Amanda Harvey
Sample Date: Sample ID:	4/9/2019 WA-385478		Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specif	ics		Analysis @ Pro	perties in Sample Specifics	
Test Date:	4/19/2019	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	50	Sodium (Na):	13492.45	Chloride (Cl):	21500.00
System Pressure 1 (psig):	15	Potassium (K):	47.70	Sulfate (SO4):	0.00
System Temperature 2 (°F):	200	Magnesium (Mg):	56.95	Bicarbonate (HCO3):	335.50
System Pressure 2 (psig):	200	Calcium (Ca):	323.89	Carbonate (CO3):	
Calculated Density (g/ml):	1.0218	Strontium (Sr):	89.20	Hydroxide(HO):	
pH:	7.30	Barium (Ba):	29.22	Acetic Acid (CH3COO)	
Calculated TDS (mg/L):	35921.58	Iron (Fe):	13.86	Propionic Acid (C2H5COO)	
CO2 in Gas (%):		Zinc (Zn):	0.10	Butanoic Acid (C3H7COO)	in a distant
Dissolved CO ₂ (mg/L)):	99.00	Lead (Pb):	0.00	Isobutyric Acid ((CH3)2CHCOO)	
H ₂ S in Gas (%):		Ammonia NH3:	a set of a s	Fluoride (F):	
H2S in Water (mg/L):	0.00	Manganese (Mn):	0.45	Bromine (Br):	
Tot. SuspendedSolids(mg/L):		Aluminum (Al):	0.05	Silica (SiO2):	32.26
		Lithium (Li):	1.68	Calcium Carbonate (CaCO3):	and the supervision
Corrosivity(LanglierSat.Indx)	0.00	Boron (B):	5.64	Phosphates (PO4):	0.98
Alkalinity:		Silicon (Si):		Oxygen (O2):	Service and a

Notes:

			cium onate	Barium	Sulfate		on fide		on onate		sum 1·2H2O	Constant of the second second	estite SO4		alite aCl		Zinc ulfide
Temp (°F)	PSI	SI	PTB	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ
200.00	200.00	0.87	30.69	0.00	0.00	0.00	0.00	1.38	9.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
183.00	179.00	0.76	26.00	0.00	0.00	0.00	0.00	1.29	9.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.00	159.00	0.66	21.66	0.00	0.00	0.00	0.00	1.18	8.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	138.00	0.57	17.81	0.00	0.00	0.00	0.00	1.08	8.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.00	118.00	0.48	14.40	0.00	0.00	0.00	0.00	0.97	8.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.00	97.00	0.40	11.44	0.00	0.00	0.00	0.00	0.86	7.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	77.00	0.33	8.93	0.00	0.00	0.00	0.00	0.74	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
83.00	56.00	0.27	6.86	0.00	0.00	0.00	0.00	0.62	6.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.00	36.00	0.21	5.24	0.00	0.00	0.00	0.00	0.51	5.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.00	15.00	0.18	4.41	0.00	0.00	0.00	0.00	0.41	4.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

(PTB = Pounds per Thousand Barrels)

Multi-Chem - A Halliburton Service

Commitment

Innovation

1553 East Highway 40 Vernal, UT 84078

multi-chem

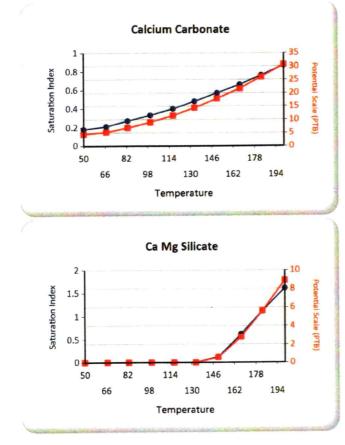
A HALLIBURTON SERVICE

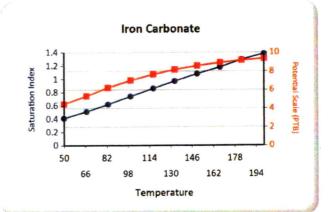
Water Analysis Report

			oydrate 0.5H2O	Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	РТВ	SI	РТВ	SI	ртв	SI	РТВ	SI	РТВ	SI	ртв	SI	РТВ	SI	РТВ
200.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.73	13.64	1.61	8.91	7.12	10.52
183.00	179.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.90	8.47	1.12	5.60	6.51	10.34
167.00	159.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	4.20	0.62	2.80	5. <mark>91</mark>	10.07
150.00	138.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.81	0.12	0.55	5.31	9.67
133.00	118.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.72	9.11
117.00	97.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.14	8.37
100.00	77.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.57	7.48
83.00	56.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.04	6.48
67.00	36.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.55	5.48
50.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.21	4.76

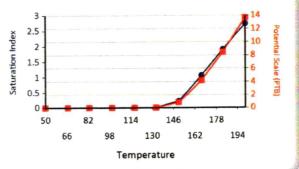
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Carbonate Fe Silicate









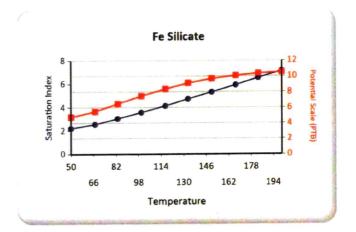
Multi-Chem - A H	lalliburton Service		M	londay, April 22, 2019
Ethics	Commitment	Page 2 of 3	Excellence	Innovation

1553 East Highway 40 Vernal, UT 84078

multi-chem

A HALLIBURTON SERVICE

Water Analysis Report



Multi-Chem - A Halliburton Service

Commitment

Page 3 of 3

Monday, April 22, 2019

Innovation



	Laboratories	azuren (eg. containing)		www.GreenAnalytical.com
DJR Operat Road 326 Aztec NM,	3	Project: Project Name / Number: Project Manager:	[none]	Reported: 10/27/20 15:48
		Notes and Del	finitions	
U	Estimated concentration. Analyte of	concentration was less than the MDL.		
33	Target analyte detected in method b	lank or continuing calibration blank.	Reporting limit elevated to account fo	r blank result.
DET	Analyte DETECTED			
D	Analyte NOT DETECTED at or above	the reporting limit		
JR.	Not Reported			
lry	Sample results reported on a dry weigh *Results reported on as received basis of			
RPD	Relative Percent Difference			
LCS	Laboratory Control Sample (Blank Spi	ke)		
RL MDL	Report Limit Method Detection Limit			

Green Analytical Laboratories

reblie Zufett

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.

Page 9 of 10 2010242 GAL FINAL 10 27 20 1548 10/27/20 15:48:29



Laboratories		www.GreenAnalytical.com
DJR Operating 1 Road 3263 Aztec NM, 87410	Project: API Project Name / Number: [none] Project Manager: Lanssa Farrell	Reported: 10/27/20 15:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received Notes
Fruitland Coal	2010242-01	Water	10/22/20 10:24	10/22/20 15:08
Gallup Dakota	2010242-02	Water	10/22/20 12:33	10/22/20 15:08
Pictured Cliffs	2010242-03	Water	10/22/20 11:56	10/22/20 15:08

Green Analytical Laboratories

ellie Zufett

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.

Page 2 of 10 2010242 GAL FINAL 10 27 20 1548 10/27/20 15:48:29



Laboratories		www.GreenAnalytical.com
DJR Operating 1 Road 3263 Aztec NM, 87410	Project: API Project Name / Number: [none] Project Manager: Lanssa Farrell	Reported: 10/27/20 15:48

Fruitland Coal

		2010	0242-01 (\	Water)					
Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
Alkalinity, Bicarbonate as CaCO3*	710	10.0	7.16	mg/L	10	10/26/20 14:00	2320 B		VJW
Alkalinity, Carbonate as CaCO3*	<10.0	10.0		mg/L	10	10/26/20 14:00	2320 B		VJW
Alkalinity, Hydroxide as CaCO3*	<10.0	10.0		mg/L	10	10/26/20 14:00	2320 B		VJW
Alkalinity, Total as CaCO3*	710	10.0	7.16	mg/L	10	10/26/20 14:00	2320 B		VJW
Chloride*	7940	500	44.3	mg/L	500	10/26/20 13:20	EPA300.0		AES
Conductivity*	26700	1.00		umho/cm @ 25.0°C	1	10/23/20 11:05	2510 B		VJW
pH*	7.60			pH Units	1	10/23/20 11:05	EPA150.1		VJW
Resistivity	37.4			ohm/cm	1	10/23/20 11:05	2510 B		VJW
Total Dissolved Solids*	14900	40.0		mg/L	4	10/23/20 17:15	EPA160.1		VJW
Specific Gravity	1.010	0.8000		No Unit	1	10/26/20 09:50	ASTM D1429-03		VJW
Sulfate*	<7.62	50.0	7.62	mg/L	50	10/27/20 03:22	EPA300.0	U	AES
Total Recoverable Metals by ICP (E200.7)									
Iron*	<5.00	5.00	0.813	mg/L	50	10/27/20 12:46	EPA200.7	B3	AES
Dissolved Metals by ICP									
Hardness	289	33.1	6.90	mg/L	50	10/27/20 12:15	2340 B		AES
Barium*	1.27	1.00	0.078	mg/L	50	10/27/20 12:16	EPA200.7		AES
Calcium*	76.6	5.00	0.829	mg/L	50	10/27/20 12:15	EPA200.7		AES
Iron*	<2.50	2.50	0.920	mg/L	50	10/27/20 12:15	EPA200.7		AES
Magnesium*	23.7	5.00	1.17	mg/L	50	10/27/20 12:15	EPA200.7		AES
Manganese*	<1.00	1.00	0.078	mg/L	50	10/27/20 12:15	EPA200.7		AES
Potassium*	<50.0	50.0	6.51	mg/L	50	10/27/20 12:15	EPA200.7		AES
Sodium*	4780	50.0	5.03	mg/L	50	10/27/20 12:15	EPA200.7		AES
Strontium*	< 5.00	5.00	0.208	mg/L	50	10/27/20 12:15	EPA200.7		AES

Cation/Anion Balance

-5.24

Green Analytical Laboratories

Seldie Zufett

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.

Page 3 of 10 2010242 GAL FINAL 10 27 20 1548 10/27/20 15:48:29



	www.GreenAnalytical.com
Project: API Project Name / Number: [none] Project Manager: Lanssa Farrell	Reported: 10/27/20 15:48
	Project Name / Number: [none]

Gallup Dakota

		2010	0242-02 (Water)					
Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
Alkalinity, Bicarbonate as CaCO3*	710	10.0	7.16	mg/L	10	10/26/20 14:00	2320 B		VJW
Alkalinity, Carbonate as CaCO3*	<10.0	10.0		mg/L	10	10/26/20 14:00	2320 B		VJW
Alkalinity, Hydroxide as CaCO3*	<10.0	10.0		mg/L	10	10/26/20 14:00	2320 B		VJW
Alkalinity, Total as CaCO3*	710	10.0	7.16	mg/L	10	10/26/20 14:00	2320 B		VJW
Chloride*	8970	500	44.3	mg/L	500	10/26/20 13:39	EPA300.0		AES
Conductivity*	30000	1.00		umho/cm @ 25.0°C	1	10/23/20 11:05	2510 B		VJW
pH*	7.21			pH Units	1	10/23/20 11:05	EPA150.1		VJW
Resistivity	33.3			ohm/cm	1	10/23/20 11:05	2510 B		VJW
Total Dissolved Solids*	17400	40.0		mg/L	4	10/23/20 17:15	EPA160.1		VJW
Specific Gravity	1.010	0.8000		No Unit	1	10/26/20 09:50	ASTM D1429-03		VJW
Sulfate*	393	50.0	7.62	mg/L	50	10/27/20 03:41	EPA300.0		AES
Total Recoverable Metals by ICP (E200.	7)								
Iron*	25.0	5.00	0.813	mg/L	50	10/27/20 12:53	EPA200.7	B3	AES
Dissolved Metals by ICP									
Hardness	423	33.1	6.90	mg/L	50	10/27/20 12:18	2340 B		AES
Barium*	<1.00	1.00	0.078	mg/L	50	10/27/20 12:19	EPA200.7		AES
Calcium*	119	5.00	0.829	mg/L	50	10/27/20 12:18	EPA200.7		AES
Iron*	19.5	2.50	0.920	mg/L	50	10/27/20 12:18	EPA200.7		AES
Magnesium*	30.7	5.00	1.17	mg/L	50	10/27/20 12:18	EPA200.7		AES
Manganese*	<1.00	1.00	0.078	mg/L	50	10/27/20 12:18	EPA200.7		AES
Potassium*	103	50.0	6.51	mg/L	50	10/27/20 12:18	EPA200.7		AES
Sodium*	5910	50.0	5.03	mg/L	50	10/27/20 12:18	EPA200.7		AES
Strontium*	18.6	5.00	0.208	mg/L	50	10/27/20 12:18	EPA200.7		AES

Cation/Anion Balance

-1.18

Green Analytical Laboratories

ellie Zufett

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.

Page 4 of 10 2010242 GAL FINAL 10 27 20 1548 10/27/20 15:48:29

www.GreenAnalytical.com



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

Project: API	
Project Name / Number: [none]	Reported:
Project Manager: Lanssa Farrell	10/27/20 15:48
	Project Name / Number: [none]

Pictured Cliffs

		201	0242-03 (\	Water)					
Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
Alkalinity, Bicarbonate as CaCO3*	540	10.0	7.16	mg/L	10	10/26/20 14:00	2320 B		VJW
Alkalinity, Carbonate as CaCO3*	<10.0	10.0		mg/L	10	10/26/20 14:00	2320 B		VJW
Alkalinity, Hydroxide as CaCO3*	<10.0	10.0		mg/L	10	10/26/20 14:00	2320 B		VJW
Alkalinity, Total as CaCO3*	540	10.0	7.16	mg/L	10	10/26/20 14:00	2320 B		VJW
Chloride*	27300	1000	88.6	mg/L	1000	10/26/20 13:59	EPA300.0		AES
Conductivity*	63100	1.00		umho/cm @ 25.0°C	1	10/23/20 11:05	2510 B		VJW
pH*	7.31			pH Units	1	10/23/20 11:05	EPA150.1		VJW
Resistivity	15.8			ohm/cm	1	10/23/20 11:05	2510 B		VJW
Total Dissolved Solids*	38800	100		mg/L	10	10/23/20 17:15	EPA160.1		VJW
Specific Gravity	1.025	0.8000		No Unit	1	10/26/20 09:50	ASTM D1429-03		VJW
Sulfate*	<15.2	100	15.2	mg/L	100	10/27/20 04:01	EPA300.0	U	AES
Total Recoverable Metals by ICP (E200	0.7)								
Iron*	67.4	10.0	1.63	mg/L	100	10/27/20 12:56	EPA200.7	B3	AES
Dissolved Metals by ICP									
Hardness	1540	66.2	13.8	mg/L	100	10/27/20 12:25	2340 B		AES
Barium*	46.4	2.00	0.155	mg/L	100	10/27/20 12:26	EPA200.7		AES
Calcium*	411	10.0	1.66	mg/L	100	10/27/20 12:25	EPA200.7		AES
Iron*	5.12	5.00	1.84	mg/L	100	10/27/20 12:25	EPA200.7		AES
Magnesium*	125	10.0	2.35	mg/L	100	10/27/20 12:25	EPA200.7		AES
Manganese*	<2.00	2.00	0.155	mg/L	100	10/27/20 12:25	EPA200.7		AES
Potassium*	<100	100	13.0	mg/L	100	10/27/20 12:25	EPA200.7		AES
Sodium*	11900	100	10.1	mg/L	100	10/27/20 12:25	EPA200.7		AES
Strontium*	70.5	10.0	0.416	mg/L	100	10/27/20 12:25	EPA200.7		AES

Cation/Anion Balance

-17.24

Green Analytical Laboratories

relicie Zufett

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.

Page 5 of 10 2010242 GAL FINAL 10 27 20 1548 10/27/20 15:48:29





	Tel	Da. D c lo		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
GREEN	ちって	1/1 nm		FORM-006
	Analytical (97		dzufelt@greenanalytical.com 75 Suttle St Durando. CO 81303	COC - Revision 6.0
	-	Fax: (970) 241-4221	Rill to (if different):	ANALYSIS REQUEST
Company or Client:	company or Client: 1JR Operating LLL		P.O. #: DB-EH- NALAMINE WDK	MDM
Address:	State	Zio:	Company:	
City:			Attn:	
Phone #:	ANSSA FAWAII		Address:	
Contact croch	Ddirllc.com d	browned in Ilc. iom city:	(p)M City:	
Emain report to: 11 p		0	State: Zip:	
Froject Name opposite			Phone #:	
	I ANSSE THINNIL		Email:	
Sampler Name (Print):	-	Collected	Matrix (check one) # of containers	20
For Lab Use	Sample Name or Location	Ti Date	а секоиирматек секоиирматек вопсерматек мортекематек отнек: ноо ₅ ноо ₅ ноо ₅ ноо ₅	Other: Other:
	Thirld and had	13	>	
1 10'31-002	Franking Dallota Prenural Chifts	23/20 12	233 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
PLEASE NOTE: GAL's liability and clipy GAL within 30 days after completion	ent's exclusive remedy for any claim arising whether based in contract n. In no event shall GAL be liable for incidental or consequental dama	or tort, shall be limited to the am ges, including without limitation, t	ount paid by the client for the analyses. All claims including those for ne business interruptions, loss of use, or loss of profits incurred by client, its s	PLEASE NOTE: GAL's fahility and clearts exclusive remedy for any claim arising whether based in contract of tort, shall be limited to the amount paid by the cleart for the analyses. All claims including those for negligence and any other cause whatsoever state to even or services herein arising and the limited to the amount paid by the cleart for the analyses. All claims including those for negligence and any other cause whatsoever state to be one and the limited to the amount paid by the cleart for the analyses. All claims including those for negligence and any other cause whatsoever state to be one and the limited to the amount paid by the cleart for the analyses. All claims including whother and any other state on successons arising out of or related to the performance of second structured by client, is subsidiaries, afflicates or successons arising out of or negligence and any other structured by the analyses. Including whother function, business interruptors, loss of polits incurred by client, is subsidiaries, afflicates or successons arising out of or negligence and any other structured by the analyses. All claims interruptors, loss of polits incurred by client, is subsidiaries, afflicates or successons arising out of or onsequential damages, including without and on some states interruptors.
	the standard reasons or otherwise			Donort to State / I Irrie

۱ No loe 00 19 1 On Ice No Keport Yes C C CHECKED BY on icc ↑ GAL cannot always accept verbal changes. Please fax or email written change requests.

Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges. ADDITIONAL REMARKS: femperature at receipt: #m 3.9.5 are 36 5 you St 9 hravo Received by. Received by: Received by: Received by Date: 0/22/20 Date: 00/07/26 10/23/70 1455 1508 Time: Date: Time: Date: Sallxa 8 Č and telinquished by by GAL, regardless of wheth Relinquished by auished by **Relinquished** b

Page 10 of 10 2010242 GAL FINAL 10 27 20 1548 10/27/20 15:48:29

Just Click Printing Form #17-0301

Entrada Formation Water Samples

1. Entrada SWD Section 8-25N-3W

2. Santa Fe 20 No. 1 SWD Section 20-21N-8W

3. Herry Monster #3 SWD Section 11-24N-11W

www.GreenAnalytical.com



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

DJR Operating	Project: API	
1 Road 3263	Project Name / Number: North Alamito WDW #1	Reported:
	Project Manager: Dave Brown	11/03/20 15:47
Aztec NM, 87410	Troject Manager. Dave Brenn	

North Alamito WDW #1

		2010	0288-01 (Water)					
Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
Alkalinity, Bicarbonate as CaCO3*	290	10.0	7.16	mg/L	5	10/30/20 14:00	2320 B		JDA
Alkalinity, Carbonate as CaCO3*	<10.0	10.0		mg/L	5	10/30/20 14:00	2320 B		JDA
Alkalinity, Hydroxide as CaCO3*	<10.0	10.0		mg/L	5	10/30/20 14:00	2320 B		JDA
Alkalinity, Total as CaCO3*	290	10.0	7.16	mg/L	5	10/30/20 14:00	2320 B		JDA
Chloride*	2350	200	17.7	mg/L	200	11/02/20 12:04	EPA300.0		JDA
Conductivity*	19300	1.00		umho/cm @ 25.0°C	1	10/30/20 13:35	2510 B		JDA
pH*	7.40			pH Units	1	10/30/20 11:15	EPA150.1		JDA
Resistivity	51.8			ohm/cm	1	10/30/20 13:35	2510 B		JDA
Total Dissolved Solids*	13200	20.0		mg/L	2	10/30/20 14:29	EPA160.1		JDA
Specific Gravity	1.011	0.8000		No Unit	1	10/30/20 14:00	ASTM D1429-03		JDA
Sulfate*	5300	200	30.5	mg/L	200	11/02/20 12:04	EPA300.0		JDA
Total Recoverable Metals by ICP (E200.7)									
Iron*	55.1	1.25	0.407	mg/L	25	11/03/20 11:33	EPA200.7		AES
Dissolved Metals by ICP									
Hardness	494	16.5	3.45	mg/L	25	11/03/20 14:30	2340 B		AES
Barium*	< 0.500	0.500	0.039	mg/L	25	11/03/20 14:30	EPA200.7		AES
Calcium*	178	2.50	0.415	mg/L	25	11/03/20 14:30	EPA200.7		AES
Iron*	<1.25	1.25	0.460	mg/L	25	11/03/20 14:30	EPA200.7		AES
Magnesium*	12.0	2.50	0.587	mg/L	25	11/03/20 14:30	EPA200.7		AES
Manganese*	0.514	0.500	0.039	mg/L	25	11/03/20 14:30	EPA200.7		AES
Potassium*	1280	25.0	3.25	mg/L	25	11/03/20 14:30	EPA200.7		AES
Sodium*	3110	25.0	2.51	mg/L	25	11/03/20 14:30	EPA200.7		AES
Strontium*	8.44	2.50	0.104	mg/L	25	11/03/20 14:30	EPA200.7		AES

Cation/Anion Balance

-.98

Green Analytical Laboratories

ellie Zufett

Debbie Zufelt, Reports Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received within thirty days after completion of the applicable service.

Page 3 of 8 2010288 GAL FINAL 11 03 20 1547 11/03/20 15:47:46

CHECKED BY On Ice No Ice		Temperature at receipt:				Time:		
×)	10 5			Received by:	Date:		Relinquished by:
aser	-	H (N	•			Time:		
			(male)		Received by:	Date:	- mul	Relinquished by:
TAT CALL JITOSIEC	day TAT	N	2 Jul	alulia		10/30/2020 Time: (1:07 44		Daje!
			en (Whall	Received by:	19100		balinguished hy:
Yes No				Ano R	A manad	Time:	the h	1 San
Report to State? (Circle)	REMARKS:	ADDITIONAL REMARKS:			Received by:	ed reasons or otherwise.	er such claim is based upon any of the above state	by GAL, regardless of whether su Relinguished by:
	filiates or succes	its subsidiari	or loss of profits	ion, business interruption	s, including without limitat	idental or consequental damage	no ever	GAL within 30 days after comp
oever shall be deemed waived unless made in writing and receive	any other cause v	including those for negligence and	analyses. All claims	amount paid by the clie	fort shall be limited to the	tion whether based in contract of	d diant's avducius remody for any claim aris	FASE NOTE CAI's Eables on
	_							
				1	10 01 0			01-0-01-01
	1			?	10-20.10	もっこれ	Whith Alan to Wh	
		HNO: HCI H ₂ SC Other Other	SURF WAS [®] PROD SOIL DRIN OTHE	Time	Date			
) ₄ r:		UND		Location		FOI LAD USE
	T		3 **	owa'		r I ocation	Sample Name or Location	an Lak Ilea
	60			TER				
	ene				Collected			
		of containers	P ,0		0	-carte	n): ("UNTS	Sampler Name (Print):
	1 0		#	Pho			A 1.	
	<i>C</i> ,		dı7	State		C WEW HI	1): NUTH HIAMITE	Project Name(optional):
	5e			city.		-	abiouse al inc. com	Email Report to:
	M			City			20-1-1	
	: 5		Address:	Add			Jair Road	Dereon.
	t			Attn:				Phone #:
	y		Company:	C	Zip: 8741	State: ンハ		city: Alta
			#:	P.O. #:			P	Address: 1 Po.
ANALYSIS REQUEST		ent):	Bill to (if different):			*1	DJR Operating	Company or Client:
			75 Suttle St Durango, CO 81303	75 Suttle \$	Fax: (970) 247-4227	Fax: (97	aboratories	Lat
COC - Revision 6.0			dzufelt@greenanalytical.com	dzufelt@gre	(970) 247-4220	[6]	Analytical	

.

Mutti-Chem Analytical 1122 S. FM1788 Midtand, TX 76708	Laboratory	(
Units of Measurement	Standard				
		Water /	maivsis Report		
Production Company: Well Name: Sample Point: Semple Date: Sample ID:	TNT Environments SWD ENTRADA SWD 11/20/2014 WA-294316	si			
	· · · ·				
			A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	the second the second second	
Sample St			Analyuli (2 Properties)		
Test Date:	11/25/2014		mg1_	Anions	1101. 6000.00
Test Date: System Temperature 1 (11/25/2014 F): 31	Sodium (Na):	mig/1. 4455.36 Chiorid	Anions e (C1):	5000.00
Test Date: System Temperature 1 (System Pressure 1 (psig	11/25/2014 F): 31): (→, , , , , , , , , , , , , , , , , , ,	Sodium (Na): Potassium (K):	nig1 4455.35 Chlorid 44.79 Sutiate	Anions e (C1): (SO4):	5000.00 1094.00
Test Date: System Temperature 1 (System Pressure 1 (psig System Temperature 2 (11/25/2014 F): 31): 44. 15 F): 300	Sodium (Na): Potassium (K): Megnesium (Mg):	1455.35 Chlorid 44.79 Sultate 23.10 Bicerbo	Anions e (Ci): (SO4): inate (HCO3);	6000.00
Test Dote: System Temperature 1 (System Pressure 1 (psig System Temperature 2 (System Pressure 2 (psig	11/25/2014 F): 31 F): 300 F): 300	Sodium (Na): Potessium (K): Megnesium (Mg): Calcium (Ce);	1967 4455.35 Chlorid 44.79 Suttate 23.10 Bicarbo 115.67 Carbon	Anions e (Cl): (SO4): nate (HCO3); ete (CO3):	6000.00 1094.00 427.00
Test Dote: System Temperature 1 (System Pressure 1 (psig System Temperature 2 (System Pressure 2 (psig Calculated Density (g/m)	11/25/2014 F) 31 F) 300 F) 300 F) 300 F) 300	Sodium (Na): Potassium (K): Megnesium (Mg): Calcium (Ca): Strontium (Sr):	1967 4455.35 Chlorid 44.79 Suttate 23.10 Bicarbo 115.67 Carbon 7.60 Acetic /	Antons e (C1): (SO4): nate (HCO3): ate (CC3): Acid (CH3COO)	6000.00 1094.00 427.00
Test Date: System Temperature 1 (System Pressure 1 (psig System Temperature 2 (System Pressure 2 (psig Calcutated Density (g/ml ph)	11/25/2014 F) 31 F) 300 F) 300 F) 300 F) 7.60	Sodium (Na): Potassium (K): Megnesium (Mg): Calcium (Ca): Strontium (Sr): Barlum (Ba):	1155.35 Chlorid 44.79 Suttate 23.10 Bicarbo 115.57 Carbon 7.60 Acstic 9.30 Propior	Antons e (C1): (SO4): nate (HCO3): ate (CC3): Acid (CH3COO) ic Ackt (C2/19COO)	6000.00 1094.00 427.00
Test Date: System Temperature 1 (System Pressure 1 (psig System Pressure 2 (psig Calculated Density (g/ml pH Calculated TDS (mp/L):	11/25/2014 F) 31 F) 300 F) 300 F) 300 F) 7.60 12320.63 12320.63	Sodium (Na): Potassium (K): Megnesium (Mg): Calcium (Ca): Strontium (Sr): Barlum (Ba): Iron (Fe):	1155.35 Chlorid 44.79 Suttate 23.10 Bicarbo 115.57 Carbon 7.60 Acstic 9.30 Propio 1.62 Butano	Antons e (C1): (SO4): nate (HCO3): ate (CC3): Acid (CH3COO)	6000.00 1094.00 427.00
Test Date: System Temperature 1 (System Pressure 1 (psig System Pressure 2 (psig Calculated Density (g/ml pH: Calculated TDS (mg/L): CO2 in Gas (%):	11/25/2014 F) 31 F) 300 F) 300 F) 300 F) 7.80 F) 7.80 F) 12320.63	Sodium (Na): Potassium (K): Magnesium (Mg): Calcium (Ca): Strontium (Sr): Barlum (Ba): Iron (Fe): Zinc (Zn):	1155.35 Chlorid 44.79 Suttate 23.10 Bicarbo 115.57 Carbon 7.60 Acstic 9.30 Propio 1.62 Butano	Antons e (C1): (SO4): nate (HCO3): ate (CC03): Acid (CH3COO) ic Acid (CH3COO) ic Acid (CH1COO) ic Acid (CH1COO) ic Acid ((CH3)2CHCOO)	6000.00 1094.00 427.00
Test Date: System Temperature 1 (System Pressure 1 (psig System Pressure 2 (psig Calculated Density (g/ml pH Calculated TDS (mp/L):	11/25/2014 F) 31 F) 300 F) 7.60 F) 12320.63	Sodium (Na): Potassium (K): Megnesium (Mg): Calcium (Ca): Strontium (Sr): Barlum (Ba): Iron (Fe): Zinc (Zn): Lead (Pb):	115.57 Chlorid 44.79 Suttate 23.10 Bicarbo 115.57 Carbon 7.60 Acetic 9.30 Propio 1.62 Butanc 0.10 isobuty	Antons e (C1): (SO4): nate (HCO3): are (CC3): Acid (CH3COO) ic Acid (CH3COO) ic Acid (CH3COO) ic Acid (CH3COO) ic Acid (CH32CHCOO) e (F):	6000.00 1094.00 427.00

Notes:

(PTB * Pounds per Thousand Barrels)

	1	- 11 	a en	i -	els Mars I	:			5. 		en ja sente Visite de la sente de la se	· · · · · · · · · · · · · · · · · · ·	an a) de V		1
Forp	PSI		-116 - 1														319
300.00	300.00	1.90	85.63	1.92	5.47	2.21	0.99	1.95	1.31	0.00	0.00	0.09	1.02	0.00	0.00	6.95	0.05
270.00	268.00	1.68	77.73	1.90	5.47	2.04	0.99	1.80	1.30	0.00	0.00	0.00	0.00	0.00	. 0.00	7.04	0.05
240.00	236.00	1.47	68.31	1.90	5.47	1.89	· 0.98	1.63	1.29	0.00	0.00	0.00	0.00	0.00	0.00	7.17	0.05
210.00	205.00	1.26	57.99	1.92	5.47	1.76	0.97	1.45	1.27	0.00	0.00	0.00	0.00	0.00	0.00	7.32	0.05
180.00	173.00	1.06	47.51	1.98	5.48	1.67	0.96	1.25	1.24	0.00	0.00	0.00	0.00	0.00	0.00	7.53	0.05
150.00	141.00	0.88	37.61	2.08	5.49	1.62	0.96	1.03	1.19	0.00	0.00	0.00	0.00	0.00	0.00	7.79	0.05
120.00	110.00	0.71	29.02	2.23	5.51	1.64	0.96	0.81	1.11	0.00	0.00	0.00	0.00	0,00	0.00	8.13	0.05
90.00	78.00	0.57	22.00	2.44	5.52	1.73	0.97	0.59	0.96	0.00	0.00	0.00	0.00	0.00	0.00	8.56	0.05
60.00	46.00	0.46	16.76	2.73	5.53	1.92	0.98	0.36	0.73	0.00	0.00	0.00	0.00	0.00	0.00	9.11	0.05
31.00	15.00	0.39	13.73	3,10	5.53	2.26	0.99	0.16	0.39	0.00	0.00	0.00	0.00	0.00	0.00	9,83	0.05
			ningto tr 1		1 N 10 - 1				n an						a ta		н н 1
Temp Fi	ES:	5°			THE		814 	51	i ette		2011. 			.1	314	lai	418
300.00	300.00	0.00	0.00	0.14	31.79	0.00	0.00	0.91	0.06	0.00	0.00	7.71	25.75	4.14	13.11	9.66	1.42
270.00	268.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.06	0.00	0.00	6.34	25.03	3.32	12.39	8.62	1.41
240.00	236.00	0.00	0.00	0.00	· 0.00	0.00	0.00	0.54	0.05	0.00	0.00	4,87	22.02	2.45	10.55	7.49	1.41
210.00	205.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.03	0.00	0.00	3.30	15.59	1.51	7.07	6.31	1.40
180.00	173.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.67	7.51	0.54	2.57	5.08	1.38
150.00	141.00	Ó.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.84	1.32

										and the second s			_			
	150.00	141.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	120.00	110.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	90.00	78.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	60.00	48.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	31.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ľ																
М	alti-Chen	n - A Halli	burtor	Service			-								Tuesc	lay, Nove

Ethics

v, November 25, 2014

Commitment

Page 1 of 4

Exelence Innovation

2.66

1.55

0.61

0.01

1.18

0.90

0.45

0.01

•

•

••••	15-22291 -21n-8w	Petroloum Rese DALLAI WATER	RATORIES, INC. Twir Engineering B. TEXAS ANALYSIS Fil Fe 20 No. 1 Sar	H HA - 5	
• •		•		npled From	<u> </u>
Formation		Depth		•	· · · ·
Location Sec 20		Field	•		StateN.M.
Date Sampled 3-9	-77	Date Analyzed 3-1	3-77 En	gineer_RGC	
Total Dissolved Solid Resistivity <u>1.0</u> 0 Constituen	hm-meters @ <u>70</u>	°F		Sp. Gr. <u>1.009</u> Sulfide <u>Preser</u> meg/L	nt
Sodiu		3228.7	Chloride	25.47	903.0
Cakin	im <u>1.35</u>	27.0	Bicarbona	te <u>41.73</u>	2546.0
Magn	csium0.73	8.9	Sulfate	91.61	4400.0
Iron	0.03	0.9	Carbonate		ND*
Bariu	na <u>ND</u>	ND	Hydroxid	: <u>ND</u>	<u>ND</u>
	Less then 0.1	-	0 5 [°] 10) 15	20
20 0.01X Na mpage	15 10 Managementanting		laulaah Andrahadaa hadaadaa jaga 0 2 2 10		
	ndenden endendenden ber	alan hudun		nujudonjanjan junip	nininin HCO, X.10
	aluntan turin tanlan lan a	dualantan kalantan kalantan ka	and meltinelise in a see I we best frankens		mhadailail
Fe Indiate		ali na kana kana kana kana kana kana kana	and the local and the local and		CO,

Scale: men/l

.

HALLIBURTON

Water Analysis Report

30-045-33217 F-11-24n-11w

	1 - 1 - 6-7	41° 4 4 48	
To:	Dugan Production	Dete:	11/10/2005
Submitted by:	Halliburton Energy Services	Date Rec:	11/10/2005
Attention:	Darrin Steed	Report #:	FLNNSA44
Well Name:	Herry Nonster #3 SWD	Formation:	Entrade/SWD

Specific Gravity	1.005	
pH	8.4	
Reciptivity	0.89	@ 78° F
iron (Fe)	0	Mg/L
Potassium (K)	200	Ng/L
Sodium (Na)	4165	Ng/L
Calcium (Ca)	176	Nig / L
Magneelum (Ng)	15	Mg/L
Chlorides (Cl)	2200	Mg/L
Sulfates (SO4)	2000	Mg/L
Carbonates (CO3)	40	Ng/L
Bicarbonates (HCO3)	5612	Ng/L
Total Dissolved Solids	14408	Mg/L

Respectfully:	Bill Loughridge
Title:	Senior Scientist
Location:	Farmington, NM

Application for Authorization to Inject

DJR Operating, LLC

North Alamito WDW #1

Part VIII. Geologic Data

The proposed injection interval is the Entrada Sandstone from approximately 6875' to 7070' below the surface.

The proposed injection interval for the North Alamito water disposal well is the Entrada Sandstone from approximately 6875 ft to 7070 ft.

Point of diversion data (POD) obtained from the New Mexico Office of the State Engineer (NMOSE) on July 17, 2019 and field verification performed by DJR indicates that there are no water wells located within 1 mile of the proposed North Alamito water disposal well.

The NMOSE POD dataset also indicates that the closest surface water diversion to the North Alamito water disposal well is SD 05187, which is located 20.7 miles to the north west of the North Alamito water disposal well.

The National Hydrography Dataset indicates that the closest surface water feature to the North Alamito water disposal well is an unnamed arroyo, which is located 1,300 ft to the north west.

There are no known drinking water sources below the Mesaverde interval. The formation tops in the wells are as follows:

Ojo Alamo	725
Kirtland	765
Fruitland	1025
Pictured Cliffs	1280
Lewis	1460
Chacra	2035
Cliff House	2730
Menefee	2765
Point Lookout	3675
Mancos	3845
Gallup	4515
Greenhorn	5625
Dakota	5775
Todilto	6815
Entrada	6875
Total Depth	7070

Part IX. Stimulation Program

Following injection rate tests, it may be necessary to stimulate the Entrada Sandstone by acidizing or fracturing.

Part X. Logging and Test Data

All logs and test data for the injection well will be submitted to the New Mexico Oil & Gas Conservation Division in Aztec, NM.

Part XI. Fresh Water Samples

Point of diversion data (POD) obtained from the New Mexico Office of the State Engineer (NMOSE) on July 17, 2019 and field verification performed by DJR indicates that there are no water wells located within 1 mile of the proposed North Alamito water disposal well.

NORTH ALAMITO UNIT SWD #001

NOTICE OF APPLICATION FORM C-108 FOR AUTHORIZATION TO INJECT AFFIDAVIT OF MAILING

SURFACE OWNER UNDER SWD LOCATION

BUREAU OF LAND MANAGEMENT 301 DINOSAUR TRAIL SANTA FE, NM 87508

BUREAU OF LAND MANAGEMENT 6251 COLLEGE BLVD., STE. A FARMINGTON, NM 87402 ATTN: JOE KILLINS

NEW MEXICO STATE LAND OFFICE 310 OLD SANTA FE TRAIL SANTA FE, NM 87501

LEASEHOLD OWNERS WITHIN ONE-HALF MILE RADIUS OF SWD LOCATION

DUGAN PRODUCTION CORP. P.O. BOX 420 FARMINGTON, NM 87499 ATTN: RAMON HANCOCK

ENDURING RESOURCES, LLC. 511 16TH STREET, STE. 700 DENVER, CO 80202 ATTN: PAUL BROOKE



USPS CERTIFIED MAIL

FIRST-CLASS Aug 19 2019 Mailed from ZIP 80202 7 oz Frat-Claas Mai Fats Rate US POSTAGE AND FEES PAID



յունիդինեսգերերոնիկեսոնվիժոսկիլեներեու USA BUREAU OF LAND MANAGEMENT 301 DINOSAUR TRL SANTA FE NM 87508-1560

FIRST-CLASS Aug 19 2019 Mailed from ZIP 80202 7 or Frist-Class Mail Fats Rate US POSTAGE AND FEES PAID

USPS CERTIFIED MAIL

ENDURING RESOURCES PAUL BROOKE 511 16TH ST STE 700 DENVER CO 80202-4248

եննը կելով ամկցընկենը կեղելին նեններների նեն







USPS CERTIFIED MAIL

FIRST-CLASS Aug 19 2019 Mailed from ZIP 80202 7 oz Fret-Class Mail Pats Rats **US POSTAGE AND FEES PAID**

endicia 071500717793



DUGAN PRODUCTION CORP. RAMON HANCOCK PO BOX 420 FARMINGTON NM 87499-0420

i

į

1 •

US POSTAGE AND FEES PAID

FIRST-CLASS Aug 19 2019 Mailed from ZIP 80202 7 oz Frst-Class Mail Fats Rets

USPS CERTIFIED MAIL



BUREAU OF LAND MANAGMENT JOE KILINS 8251 COLLEGE BLVD STE A FARMINGTON NM 87402-1738

ութիկանիկաներութելերինը եներիներներ

ĺ

DAILY TIMES

AFFIDAVIT OF PUBLICATION

Ad No. 0001293746

ANIMAS PROPERTY LAW P.C. 858 MAIN, SUITE 204

DURANGO CO 81301

I, being duly sworn say: THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newsaper duly qualified for the purpose within the State of New Mexico for publication and appeared in the internet at The Daily Times web site on the following days(s):

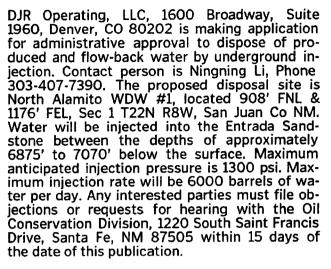
<u>08/13/19</u>

egal Clerk

Subscribed and sworn before me this 13th of August 2019.

State of WI, County of Brown NOTARY PUBLIC

My Commission Expires



Legal No. 1293746 published in The Daily Times on August 13, 2019.



Ad#:0001293746 P O : North Alamito WDW #1 # of Affidavits :0.00