

# Initial Application Part I

Received: 6/23/22

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

**APPLICATION FOR AUTHORIZATION TO INJECT**

I. PURPOSE: \_\_\_\_\_ Secondary Recovery \_\_\_\_\_ Pressure Maintenance  Disposal \_\_\_\_\_ Storage  
Application qualifies for administrative approval? \_\_\_\_\_ Yes \_\_\_\_\_ No

II. OPERATOR: Enduring Resources, LLC. SWD-2500

ADDRESS: 6300 South Syracuse Way, Suite #525

CONTACT PARTY: Khem Suthiwan PHONE: (303) 350-5721

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.  
Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? \_\_\_\_\_ Yes  No  
If yes, give the Division order number authorizing the project: \_\_\_\_\_

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:  
1. Proposed average and maximum daily rate and volume of fluids to be injected;  
2. Whether the system is open or closed;  
3. Proposed average and maximum injection pressure;  
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,  
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

\*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. 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 Division, they need not be resubmitted).

\*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

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 correct to the best of my knowledge and belief.

NAME: Khem Suthiwan TITLE: Regulatory Manager

SIGNATURE: *Khem Suthiwan* DATE: 6/21/2022

E-MAIL ADDRESS: KSuthiwan@enduringresources.com

\* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: \_\_\_\_\_

### 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.

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



**INJECTION WELL DATA SHEET**

Tubing Size: 2 7/8" \_\_\_\_\_ Lining Material: Plastic lined \_\_\_\_\_

Type of Packer: \_\_\_\_\_ AS1-X Packer \_\_\_\_\_

Packer Setting Depth: \_\_\_ 3900' \_\_\_\_\_

Other Type of Tubing/Casing Seal (if applicable): \_\_\_ N/A \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_ Yes \_\_\_ x \_\_\_ No

If no, for what purpose was the well originally drilled? \_\_\_\_\_ Gas/Oil producer in the Gallup formation \_\_\_\_\_

\_\_\_\_\_

2. Name of the Injection Formation: \_\_\_ Point Lookout \_\_\_\_\_

3. Name of Field or Pool (if applicable): \_\_\_ Nageezi Gallup \_\_\_\_\_

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. There are no other perforated intervals. \_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: \_\_\_\_\_ Mancos – 4229' Gallup– 4655' \_\_\_\_\_

\_\_\_\_\_ There are no known shallower oil/gas zones in the area. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Directions from the Intersection of Highway 550 and Highway  
64 in Bloomfield, NM**

**to**

**LOGOS OPERATING, LLC**

**WARNER-CALDWELL #3B**

**384' FNL 1960' FEL,**

**Section 8, T23N, R8W, N.M.P.M., San Juan County,  
New Mexico**

**Latitude: 36° 14' 52.54" N**

**Longitude: 107° 42' 08.64" W**

**Nad 1983**

**From the Intersection of Highway 550 & Highway 64**

**Go South on Hwy 550 for 39.3 miles,**

**To 44 store,**

**turn left (northerly) for 300 feet**

**just past 44 store parking lot,**

**to the beginning of new access**

**on the right (east) side of the road,**

**From which the new access begins and**

**continues (easterly) for 0.2 miles**

**stay left (northerly) for 0.3 miles**

**to the new location.**

DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
811 S. First St., Artesia, N.M. 88210  
Phone: (575) 748-1285 Fax: (575) 748-0720

DISTRICT III  
1000 Rio Bravo Rd., Aztec, N.M. 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico  
Energy, Minerals & Natural Resources Department

RECEIVED

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

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

JAN 14 2014

Farmington Field Office AMENDED REPORT  
Bureau of Land Management

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-35506		2 Pool Code 47540		3 Pool Name NAGEEZI GALLUP	
4 Property Code 40413		5 Property Name WARNER -CALDWELL		6 Well Number 3B	
7 OGRID No. 289408		8 Operator Name LOGOS OPERATING, LLC		9 Elevation 6867'	

10 Surface Location

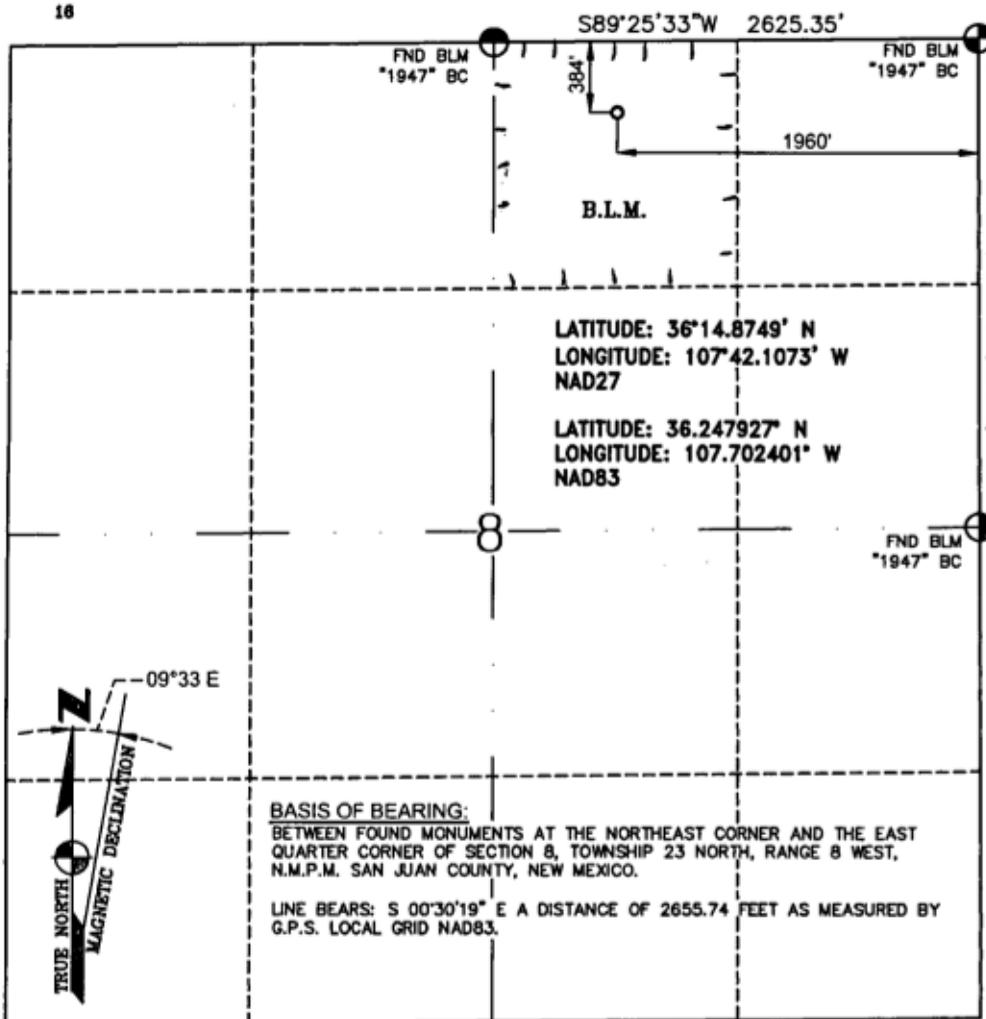
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	8	23-N	8-W		384	NORTH	1960	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 40.00			13 Joint or Infill		14 Consolidation Code		15 Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16



17 OPERATOR CERTIFICATION

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

Tamra Sessions 1/13/14  
Signature Date  
Tamra Sessions  
Printed Name  
t.sessions@logosresourcesllc.com  
E-mail Address

18 SURVEYOR CERTIFICATION

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

SEPTEMBER 4, 2013  
Date of Survey

Signature and Seal of Professional Surveyor



GLEN W. RUSSELL  
Certificate Number 15703

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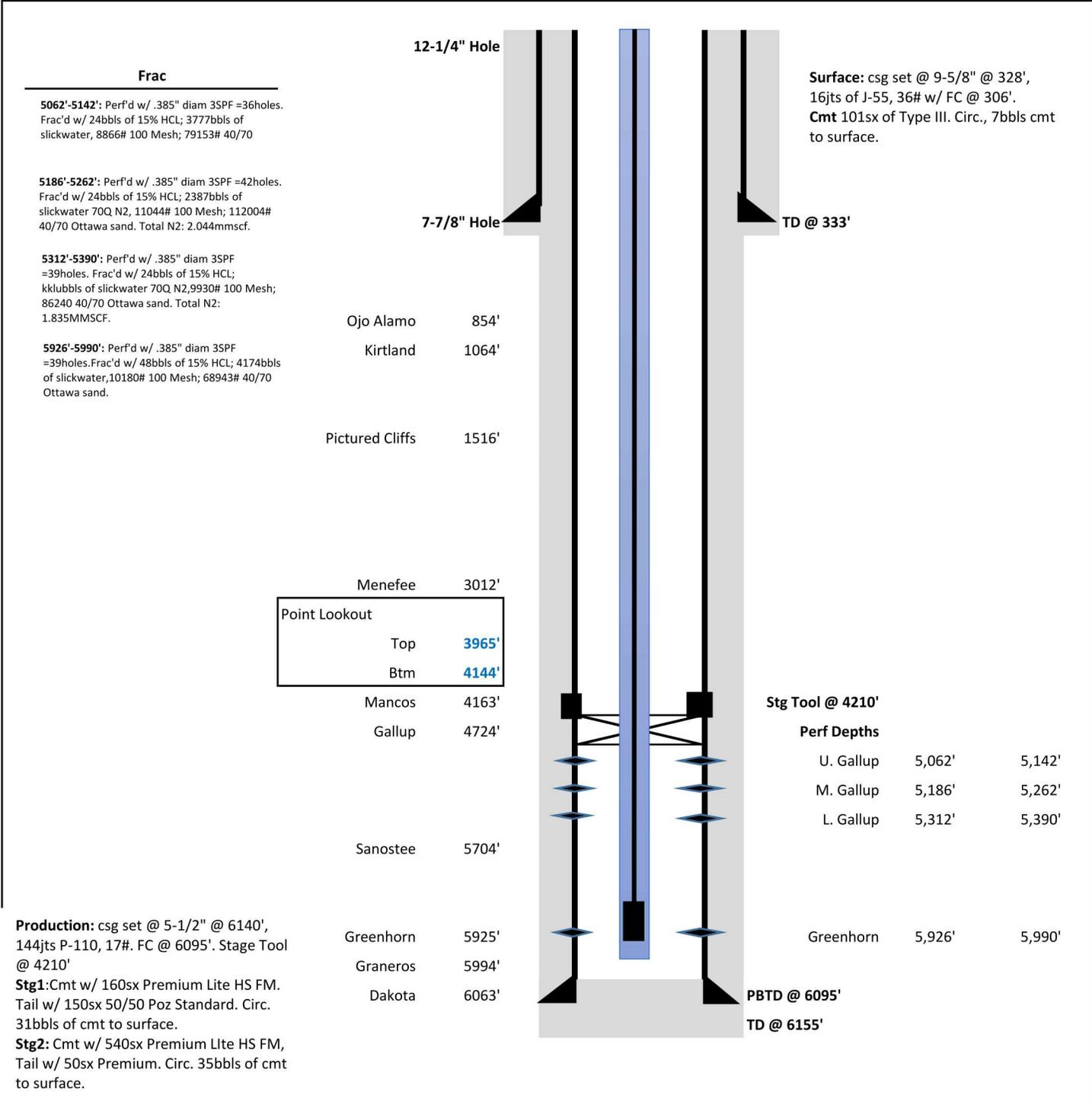
**stay left (northerly) for 0.3 miles**

**to the new location.**

# Warner Caldwell 3B

## API # 30-045-35506

<b>Location</b>	Sec: 8	Twnshp: 23N	Rge: 8W	<b>Spud Date:</b>	3/10/2014	<b>Elevation:</b> 6867' GR
<b>Footage</b>	384' FNL	1960' FEL		<b>Completion:</b>	4/3/2014	<b>County</b> San Juan
<b>Lat:</b>	36.2479401			<b>Formation:</b>	Nageezi Gallup	<b>KB 14'</b>
<b>Long:</b>	-107.7023926			<b>Updated:</b>	6/13/2022 SAO	
<b>Field:</b>	Basin Dakota - Nageezi Gallup					

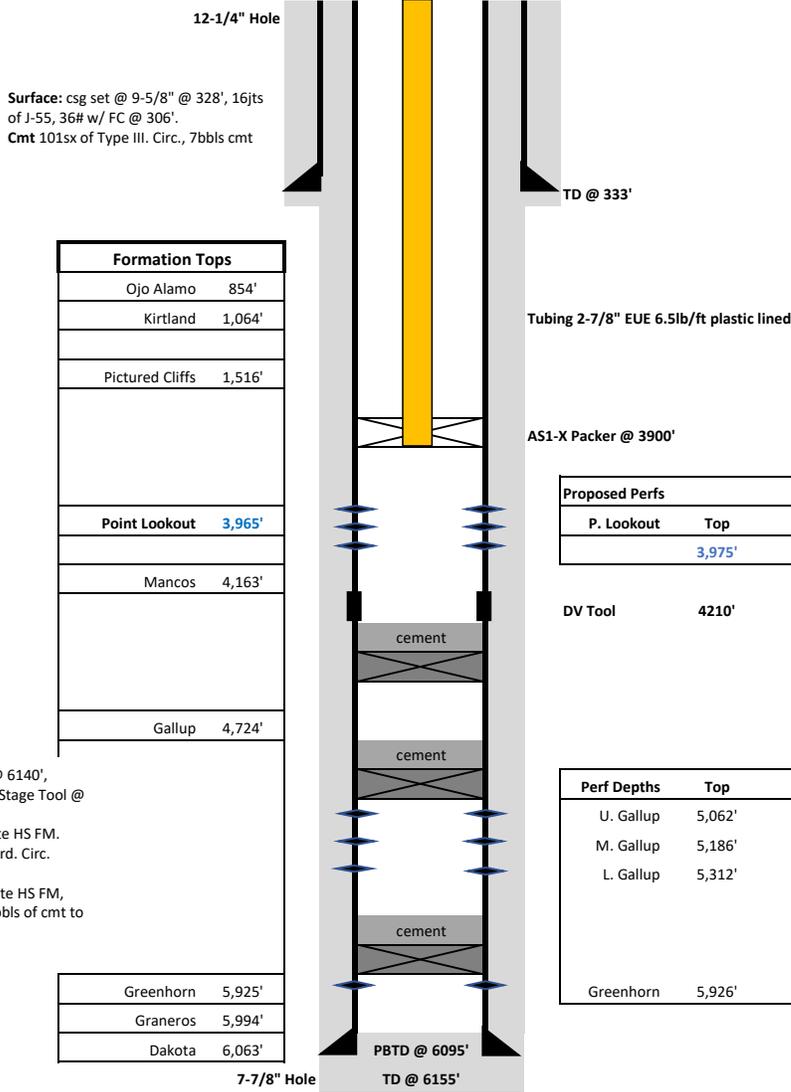


Tubing	OD	ID	Lngth (ft)	Btm Dpth (ft)	Rods
Tbg hanger	2-7/8"	2.441"			1 - 1/2" X 26' Polish Rod
154 jts 2-7/8", 6.5#, J-55 EUE Tbg	2-7/8"	2.441"			2' X 3/4" Pony Rod
1 - tbg anchor		2.441"		5005'	227 - 3/4" Slick Rods
30 jts 2-7/8", 6.5#, J-55 EUE Tbg	2-7/8"	2.441"			8 - 1-1/4" Sinker Bars
SN	2-7/8"	2.280"		5995	2 - 4' Rods Guides
1 - 8' pup jt	2-7/8"	2.441"			2 - 1/2" X 1-1/2" X 16' RWAC HVR Insert pump
1 - 4' perf sub	2-7/8"	2.441"			
2 jts 2-7/8" tbg w/ BP	2-7/8"	2.441"		6066'	



# Warner Caldwell 3B API # 30-045-35506

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<b>Field:</b>	Basin Dakota - Nageezi Gallup					



Formation Tops	
Ojo Alamo	854'
Kirtland	1,064'
Pictured Cliffs	1,516'
Point Lookout	3,965'
Mancos	4,163'
Gallup	4,724'
Greenhorn	5,925'
Graneros	5,994'
Dakota	6,063'

Proposed Perfs		
P. Lookout	Top	Btm
	3,975'	4,134'

DV Tool                      4210'

Perf Depths	Top	Btm
U. Gallup	5,062'	5,142'
M. Gallup	5,186'	5,262'
L. Gallup	5,312'	5,390'
Greenhorn	5,926'	5,990'

<b>Plug #3</b>	CIBP @	4,434'	
	Cement	4,334'	4,434'
	Cement Volume	12	SX

<b>Plug #2</b>	CIBP @	5,012'	
	Cement	4,912'	5,012'
	Cement Volume	12	SX

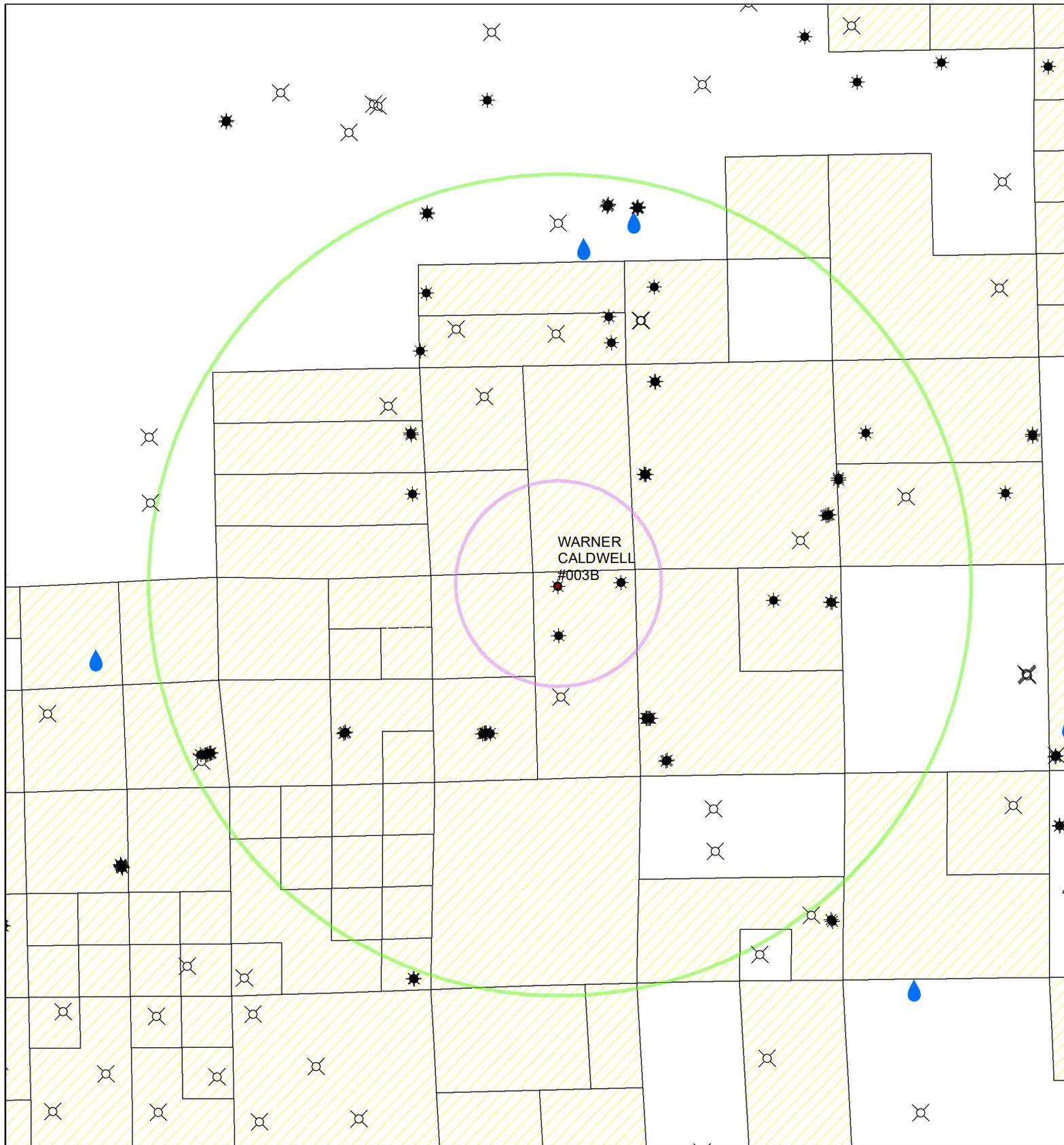
<b>Plug #1</b>	CIBP @	5,876'	
	Cement	5,776'	5,876'
	Cement Volume	12	SX

Cement Yield	1.15	CUFT/SX
5-1/2" Csg Capacity	0.1305	CUFT/FT

**Production:** csg set @ 5-1/2" @ 6140',  
144jts P-110, 17#. FC @ 6095'. Stage Tool @  
4210'  
**Stg1:** Cmt w/ 160sx Premium Lite HS FM.  
Tail w/ 150sx 50/50 Poz Standard. Circ.  
31bbbs of cmt to surface.  
**Stg2:** Cmt w/ 540sx Premium Lite HS FM,  
Tail w/ 50sx Premium. Circ. 35bbbs of cmt to  
surface.

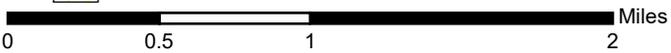
Wells located within 1/2 mile radius of proposed SWD well (Warner Caldwell 003B)														
Count	API	Name	Type Code	Type	Status	OGRID	County	ULSTR	Footage	Plug Date	Point Lookout Penetration	Spud Date	Measured Depth	True Vertical Depth
1	30-045-35505	WARNER CALDWELL #001A	O	Oil	Temporary Abandonment	372286	San Juan	A-08-23N-08W	346 FSL 331 FEL	N/A	Yes, Proposed Well	3/10/2014	6170'	6125'
2	30-045-35506	WARNER CALDWELL #003B	O	Oil	Active	372286	San Juan	B-08-23N-08W	384 FNL 1960 FEL	N/A	Yes, Proposed Well	3/10/2014	6155'	6095'
3	30-045-35422	LOGOS #006	G	Gas	Active	372286	San Juan	G-08-23N-08W	1662 FNL 1973 FEL	N/A	Yes, Active	2/6/2013	6175'	6175'
4	30-045-35643	MC 4 COM #285H	O	Oil	Active	372286	San Juan	A-08-23N-08W	328 FNL 334 FEL	N/A	Yes, Active	3/10/2015	10437'	10388'
Wells located within 2 mile radius of proposed SWD well (Warner Caldwell 003B)														
Count	API	Name	Type Code	Type	Status	OGRID	County	ULSTR	Footage	Plug Date	Point Lookout Penetration	Spud Date	Measured Depth	True Vertical Depth
1	30-045-35741	W LYBROOK UNIT #709H	O	Oil	Active	372286	San Juan	P-12-23N-09W	836 FSL 461 FEL	N/A	Yes, Active	2/18/2016	12488	4867
2	30-045-20994	PRE-ONGARD WELL #001	O	Oil	Plugged (site released)	214263	San Juan	P-12-23N-09W	660 FSL 660 FEL	10/14/1972	No, Plugged Site Released	8/16/1972	0	11746
3	30-045-35743	W LYBROOK UNIT #748H	O	Oil	Active	372286	San Juan	P-12-23N-09W	844 FSL 442 FEL	N/A	Yes, Active	2/17/2016	13507	4916
4	30-045-35739	W LYBROOK UNIT #707H	O	Oil	Active	372286	San Juan	P-12-23N-09W	877 FSL 366 FEL	N/A	Yes, Active	2/17/2016	10222	4994
5	30-045-35744	W LYBROOK UNIT #749H	O	Oil	Active	372286	San Juan	P-12-23N-09W	828 FSL 480 FEL	N/A	Yes, Active	2/19/2016	14320	4889
6	30-045-35742	W LYBROOK UNIT #747H	O	Oil	Active	372286	San Juan	P-12-23N-09W	869 FSL 385 FEL	N/A	Yes, Active	2/18/2016	14818	4906
7	30-045-35740	W LYBROOK UNIT #708H	O	Oil	Active	372286	San Juan	P-12-23N-09W	860 FSL 404 FEL	N/A	Yes, Active	2/19/2016	11163	4920
8	30-045-35748	W LYBROOK UNIT #705H	O	Oil	Active	372286	San Juan	O-07-23N-08W	1344 FSL 2233 FEL	N/A	Yes, Active	3/16/2017	10760	5097
9	30-045-35750	W LYBROOK UNIT #745H	O	Oil	Active	372286	San Juan	O-07-23N-08W	1333 FSL 2250 FEL	N/A	Yes, Active	3/15/2017	15020	5018
10	30-045-35751	W LYBROOK UNIT #746H	O	Oil	Active	372286	San Juan	O-07-23N-08W	1311 FSL 2284 FEL	N/A	Yes, Active	3/14/2017	13854	4991
11	30-045-35451	ESCRITO L32 2408 #001H	G	Gas	Active	371838	San Juan	L-32-24N-08W	1900 FSL 226 FWL	N/A	Yes, Active	9/24/2014	10425	0
12	30-045-35521	ESCRITO M32 2408 #001H	G	Gas	Active	371838	San Juan	M-32-24N-08W	414 FSL 60 FWL	N/A	Yes, Active	10/7/2014	10520	0
13	30-045-35639	CHACO 2308 06I #397H	O	Oil	Active	372286	San Juan	I-06-23N-08W	2100 FSL 325 FEL	N/A	Yes, Active	3/21/2015	10395	10368
14	30-045-24190	NEW MEXICO STATE #002	O	Oil	Plugged (site released)	371838	San Juan	M-32-24N-08W	950 FSL 980 FWL	6/13/2018	Yes, Active	7/20/1980	5435	5435
15	30-045-35809	W LYBROOK UNIT #711H	O	Oil	Active	372286	San Juan	N-08-23N-08W	1205 FSL 1327 FWL	N/A	Yes, Active	12/15/2016	13520	5191
16	30-045-35520	ESCRITO D32 2408 #002H	G	Gas	Active	371838	San Juan	E-32-24N-08W	1337 FNL 284 FWL	N/A	Yes, Active	12/4/2014	10520	10504
17	30-045-35554	CHACO 2308 06H #396H	O	Oil	Active	372286	San Juan	H-06-23N-08W	1737 FNL 276 FWL	N/A	Yes, Active	8/21/2014	10721	10631
18	30-045-35519	ESCRITO D32 2408 #001H	G	Gas	Active	371838	San Juan	D-32-24N-08W	1308 FNL 282 FWL	N/A	Yes, Active	11/21/2014	10570	10655
19	30-045-24201	PRE-ONGARD WELL #001	O	Oil	Plugged (site released)	214263	San Juan	C-05-23N-08W	790 FNL 1650 FWL	4/27/1989	Yes, Active	3/16/1980	0	6405
20	30-045-24213	FEDERAL 6 #041	O	Oil	Plugged (site released)	14538	San Juan	A-06-23N-08W	990 FNL 830 FEL	5/12/1995	Yes, Active	2/28/1980	9999	6440
21	30-045-35728	W LYBROOK UNIT #704H	O	Oil	Active	372286	San Juan	M-08-23N-08W	1199 FSL 1287 FWL	N/A	Yes, Active	12/9/2016	11623	5075
22	30-045-35727	W LYBROOK UNIT #703H	O	Oil	Active	372286	San Juan	N-08-23N-08W	1212 FSL 1366 FWL	N/A	Yes, Active	12/6/2016	12697	5189
23	30-045-35808	W LYBROOK UNIT #713H	O	Oil	Active	372286	San Juan	N-08-23N-08W	1215 FSL 1386	N/A	Yes, Active	12/14/2016	11956	5203
24	30-045-35553	CHACO 2308 06H #395H	O	Oil	Active	372286	San Juan	H-06-23N-08W	1687 FNL 291 FEL	N/A	Yes, Active	8/20/2014	10653	10553
25	30-045-25010	NEW MEXICO STATE #003	O	Oil	Plugged (site released)	371838	San Juan	G-32-24N-08W	1650 FNL 1650 FEL	11/8/2018	Yes, Active	5/11/1981	5700	5700
26	30-045-35730	W LYBROOK UNIT #744H	O	Oil	Active	372286	San Juan	M-08-23N-08W	1202 FSL 307 FWL	N/A	Yes, Active	12/8/2016	10580	5104
27	30-045-35912	KTB 2408 32A COM #002H	O	Oil	Active	289408	San Juan	A-32-24N-08W	1205 FNL 360 FEL	N/A	Yes, Active	5/14/2019	11465	5519
28	30-045-35491	CHACO 2408 32P #115H	O	Oil	Active	372286	San Juan	P-32-24N-08W	537 FSL 329 FEL	N/A	Yes, Active	9/30/2013	10541	10415
29	30-045-35729	W LYBROOK UNIT #743H	O	Oil	Active	372286	San Juan	N-08-23N-08W	1209 FSL 1346 FWL	N/A	Yes, Active	12/7/2016	9816	5124
30	30-045-23524	NEW MEXICO STATE #001	O	Oil	Plugged (site released)	371838	San Juan	O-32-24N-08W	790 FSL 1750 FEL	12/2/2015	Yes, Active	5/16/1979	6521	6521
31	30-045-35605	MC 5 COM #112H	O	Oil	Active	372286	San Juan	D-33-24N-08W	1276 FNL 405 FWL	N/A	Yes, Active	12/9/2014	13156	5570
32	30-045-35505	WARNER CALDWELL #001A	O	Oil	Temporary Abandonment	372286	San Juan	A-08-23N-08W	348 FNL 331 FEL	N/A	Yes, Active	3/19/2014	6170	6125
33	30-045-35913	KTB 2408 32A COM #003H	O	Oil	Active	289408	San Juan	A-32-24N-08W	1232 FNL 374 FEL	N/A	Yes, Active	5/15/2019	11514	5502
34	30-045-35506	WARNER CALDWELL #003B	O	Oil	Active	372286	San Juan	B-08-23N-08W	384 FNL 1960 FEL	N/A	No, Plugged Site Released	3/10/2014	6155	6095
35	30-045-35422	LOGOS #006	G	Gas	Active	372286	San Juan	G-08-23N-08W	1662 FNL 1973 FEL	N/A	Yes, Active	2/6/2013	6230	6175
36	30-045-35615	MC 1 COM #458H	O	Oil	Active	372286	San Juan	D-04-23N-08W	484 FNL 575 FWL	N/A	Yes, Active	1/14/2015	10685	10602
37	30-045-35602	MC 5 COM #113H	O	Oil	Active	372286	San Juan	D-33-24N-08W	1304 FNL 372 FWL	N/A	Yes, Active	11/17/2014	10878	5531
38	30-045-35687	HEROS 2308 09L COM #002H	O	Oil	Active	289408	San Juan	L-09-23N-08W	1476 FSL 240 FWL	N/A	Yes, Active	4/25/2018	10371	5290
39	30-045-35606	MC 5 COM #906H	O	Oil	Active	372286	San Juan	D-33-24N-08W	1262 FNL 422 FWL	N/A	Yes, Active	12/11/2014	14155	5346
40	30-045-35848	HEROS 2308 09L COM #003H	O	Oil	Active	289408	San Juan	L-09-23N-08W	1476 FSL 270 FWL	N/A	Yes, Active	4/26/2018	10325	5263
41	30-045-35441	CHACO 2408 32P #114H	O	Oil	Active	372286	San Juan	P-32-24N-08W	1203 FSL 382 FEL	N/A	Yes, Active	1/4/2013	10349	10317
42	30-045-35877	HEROS 2308 09L COM #005H	O	Oil	Active	289408	San Juan	L-09-23N-08W	1476 FSL 330 FWL	N/A	Yes, Active	6/6/2018	10475	5257
43	30-045-35847	HEROS 2308 09L COM #004H	O	Oil	Active	289408	San Juan	L-09-23N-08W	1476 FSL 300 FWL	N/A	Yes, Active	5/4/2018	10533	5227
44	30-045-20951	FEDERAL F #001	O	Oil	Plugged (site released)	23846	San Juan	J-08-23N-08W	2080 FSL 1960 FEL	8/15/2000	Yes, Active	10/5/1971	5291	5291
45	30-045-35608	MC 2 COM #283H	O	Oil	Active	372286	San Juan	L-04-23N-08W	2431 FSL 405 FWL	N/A	Yes, Active	2/5/2015	10455	10359
46	30-045-35627	MC 4 COM #459H	O	Oil	Active	372286	San Juan	L-04-23N-08W	2431 FSL 427 FWL	N/A	Yes, Active	2/3/2015	10554	10454
47	30-045-35607	MC 3 COM #284H	O	Oil	Active	372286	San Juan	L-04-23N-08W	2431 FSL 383 FWL	N/A	Yes, Active	2/9/2015	10395	10299
48	30-045-35643	MC 4 COM #285H	O	Oil	Active	372286	San Juan	A-08-23N-08W	328 FNL 334 FEL	N/A	Yes, Active	3/10/2015	10437	10388
49	30-045-35688	HEROS 2308 09L COM #001H	O	Oil	Active	289408	San Juan	L-09-23N-08W	1476 FSL 210 FWL	N/A	Yes, Active	1/21/2017	10592	5186
50	30-045-35601	MC 5 COM #119H	O	Oil	Active	372286	San Juan	D-33-24N-08W	1290 FNL 388 FWL	N/A	Yes, Active	11/19/2014	13485	5493
51	30-045-35616	MC 1 COM #282H	O	Oil	Active	372286	San Juan	D-04-23N-08W	480 FNL 777 FWL	N/A	Yes, Active	1/7/2015	10615	10531
52	30-045-35726	W LYBROOK UNIT #702H	O	Oil	Active	372286	San Juan	M-09-23N-08W	371 FSL 693 FWL	N/A	Yes, Active	2/9/2017	12214	5314
53	30-045-35725	W LYBROOK UNIT #701H	O	Oil	Active	372286	San Juan	M-09-23N-08W	393 FSL 728 FWL	N/A	Yes, Active	2/7/2017	10380	5338
54	30-045-35911	KTB 2408 32A COM #001H	O	Oil	Active	289408	San Juan	A-32-24N-08W	1179 FNL 346 FEL	N/A	No, Active	5/13/2019	0	0
55	30-045-13289	PRE-ONGARD WELL #004	O	Oil	Plugged (site released)	214263	San Juan	F-16-23N-08W	1980 FNL 180 FWL	6/14/1957	Yes, Active	5/27/1957	0	5300
56	30-045-33696	SOUTH BLANCO FEDERAL 33 H	O	Oil	Active	372834	San Juan	L-33-24N-08W	1950 FSL 790 FWL	N/A	No, Active	11/3/2007	5926	5926
57	30-045-35678	CHACO 2408 33M #120H	O	Oil	Plugged (site released)	120782	San Juan	M-33-24N-08W	1087 FSL 428 FWL	7/18/2016	No, Plugged Site Released	5/18/2015	0	0
58	30-045-24520	FEDERAL 9 #031	O	Oil	Active	372834	San Juan	B-09-23N-08W	850 FNL 1700 FEL	N/A	Yes, Active	10/14/1980	5482	5482
59	30-045-24861	STATE OF NEW MEXICO 16 #0	O	Oil	Plugged (site released)	149052	San Juan	C-16-23N-08W	890 FNL 1920 FWL	11/10/2004	Yes, Active	4/30/1981	5508	5508
60	30-045-35496	CHACO 2308 09A #145H	O	Oil	Active	372286	San Juan	A-09-23N-08W	917 FNL 240 FEL	N/A	Yes, Active	12/16/2013	10592	10488
61	30-045-24519	FEDERAL 3 #023	O	Oil	Plugged (site released)	371838	San Juan	K-03-23N-08W	1760 FSL 1785 FWL	11/1/2018	Yes, Active	9/16/1980	5400	5400
62	30-045-35587	CHACO 2308 04P #406H	O	Oil	Active	372286	San Juan	P-04-23N-08W	1323 FSL 208 FEL	N/A	Yes, Active	9/22/2014	10525	10434
63	30-045-35498	CHACO 2308 09A #146H	O	Oil	Active	372286	San Juan	A-09-23N-08W	932 FNL 204 FEL	N/A	Yes, Active	1/13/2014	10566	10490
64	30-045-35538	CHACO 2308 03L #405H												





## Warner Caldwell 3B Area of Review

- Active
- Plugged (site released)
- Temporary Abandonment
- OSE Points of Diversion
- Half Mile Buffer
- 2 Mile Buffer
- Leases



**ENDURING  
RESOURCES, LLC**

Data Source Statement:  
BLM-FFO, Enduring Resources GIS, ESRI Inc.,  
NCE Surveys, USGS

NAD 1983 2011 StatePlane New Mexico West FIPS 3003 Ft US

Author: drogers

Date: 4/25/2022

<b>Well Name:</b> WARNER-CALDWELL	<b>Well Location:</b> T23N / R8W / SEC 8 / NWE / 36.247927 / -107.702401	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 3B	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM109399	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3004535506	<b>Well Status:</b> Producing Oil Well	<b>Operator:</b> ENDURING RESOURCES LLC

## Notice of Intent

**Sundry ID:** 2677417

**Type of Submission:** Notice of Intent

**Type of Action:** Convert to Injection or Disposal Well

**Date Sundry Submitted:** 06/16/2022

**Time Sundry Submitted:** 02:12

**Date proposed operation will begin:** 07/16/2022

**Procedure Description:** Enduring Resources, LLC (Enduring) intends to complete the necessary downhole and surface work to convert the Warner Caldwell 3B to a saltwater disposal well. This wellbore was originally drilled, and fracture treated in the Gallup by Logos Operating in March of 2014. Enduring intends to pull the currently installed tubing and install an injection packer and poly lined tubing. A mechanical integrity test will be conducted prior to injection. An application for authorization to inject (form C-108) will be filed with the New Mexico Oil Conservation Division for the Warner Caldwell 3B. Procedure below outlines the planned downhole work to prepare the wellbore for MIT and ultimately produced water injection. All surface facility work will be limited to existing disturbance. See attached procedure.

## Surface Disturbance

**Is any additional surface disturbance proposed?:** No

## NOI Attachments

**Procedure Description**

Warner\_Caldwell\_3B\_\_\_Disposal\_Conversion\_Procedure\_20220616141155.pdf

**Well Name:** WARNER-CALDWELL

**Well Location:** T23N / R8W / SEC 8 /  
NWNE / 36.247927 / -107.702401

**County or Parish/State:** SAN  
JUAN / NM

**Well Number:** 3B

**Type of Well:** OIL WELL

**Allottee or Tribe Name:**

**Lease Number:** NMNM109399

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 3004535506

**Well Status:** Producing Oil Well

**Operator:** ENDURING  
RESOURCES LLC

## Operator

*I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a*

**Operator Electronic Signature:** KHEM SUTHIWAN

**Signed on:** JUN 16, 2022 02:12 PM

**Name:** ENDURING RESOURCES LLC

**Title:** Regulatory Manager

**Street Address:** 6300 S WAY SUITE 525

**City:** DENVER

**State:** CO

**Phone:** (303) 350-5721

**Email address:** KSUTHIWAN@ENDURINGRESOURCES.COM

## Field

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**

# **WARNER CALDWELL #003B**

**30-045-35506**

**San Juan Co., NM**

**384' FNL, 1960' FEL, Sec. 8, T23N, R08W**

**36.2479401°N, 107.7023926°W**

**CONVERSION TO SALTWATER DISPOSAL**



**ENDURING RESOURCES, LLC**

## **PROCEDURE:**

1. Hold PJSM prior to beginning any operations. Ensure all onsite personnel abide by Enduring HSE protocol.
2. Comply with all NMOCD and BLM safety and environmental regulations.
3. Conduct safety meeting with all personnel and MIRU rig
4. Blow down well to flowback tank. Kill well as required.
5. Pressure test 2-7/8" tbg. Unseat pump, TOO H w/ rods and pump.
6. ND WH. NU BOPE and test.
7. TOO H w/ 2-7/8" tubing while scanning, standing back yellow band, LD blue/green/red band.
8. TIH with 2-7/8" tbg and 5-1/2" casing scraper to 5900'. POOH. LD scraper.
9. TIH with 5-1/2" CIBP on 2-7/8" tubing & set CIBP @ 5876' (50' above Greenhorn perms).
10. MIRU cementers. Pump 12sx cement above CIBP f/ 5876' t/ 5776'. TOO H.
11. TIH with 5-1/2" CIBP on 2-7/8" tubing & set CIBP @ 5012' (50' above Gallup perms).
12. Pump 12sx cement above CIBP f/ 5012' t/ 4912. TOO H.
13. TIH with 5-1/2" CIBP on 2-7/8" tubing & set CIBP @ 4434'.
14. Pump 12sx cement above CIBP f/ 4434' t/ 4334' (200' below planned injection perms). TOO H.
15. Pressure test 5-1/2" casing to 1,000 psi
16. Rig up perforators. TIH and perforate the Point Lookout f/ 4134' t/ 3975'. TOO H.
17. PU AS1-X packer and RIH with 2-7/8" tubing with sub, packer, on/off tool and land packer 50' above top Point Lookout perforation @ 3925'.
18. Set packer and test tubing/casing annulus to 500 psi for 10 minutes. Bleed casing pressure.
19. Rig up acidizing crew. Pump 1,500 gal 15% HCl. Flush tubing and release acid crew.
20. Pull out of on/off tool, and POOH laying down tubing.
21. PU and TIH with 2-7/8" plastic lined tubing to packer @ 3925' and function test on/off tool.
22. Pull out of on/off tool and displace wellbore with packer fluid.
23. Latch onto on/off tool and chart official MIT with NMOCD witness on-site (provide inspector with 24 hour notification prior to chart recording).
24. NDBOP, NUWH and set tree for injection.
25. Establish initial injection rate to ensure well is taking fluid using no more than 50 bbl.
26. RDMO

## SYSTEM IDENTIFICATION

Company: Enduring Resources  
Lease/Unit: WLU 729H  
Sample Location: Separator  
Submitted By: Kenny Wood  
Sales Representative: Kenny Wood  
Analyst: Lindsey Kelleher  
Lab Entry Date: 06-16-2022

Sample ID#: 0  
ID: 220616007

Sample Date: 06-15-2022 at 0000□Ntp`·  
Report Date: 06-20-2022

## WATER CHEMISTRY

### CATIONS

Calcium(as Ca)	367.45
Magnesium(as Mg)	93.45
Barium(as Ba)	11.72
Strontium(as Sr)	60.87
Sodium(as Na)	16753
Iron(as Fe)	13.86
Manganese(as Mn)	0.770

### ANIONS

Chloride(as Cl)	24269
Sulfate(as SO <sub>4</sub> )	2850
Dissolved CO <sub>2</sub> (as CO <sub>2</sub> )	149.70
Bicarbonate(as HCO <sub>3</sub> )	793.00
H <sub>2</sub> S (as H <sub>2</sub> S)	2.00

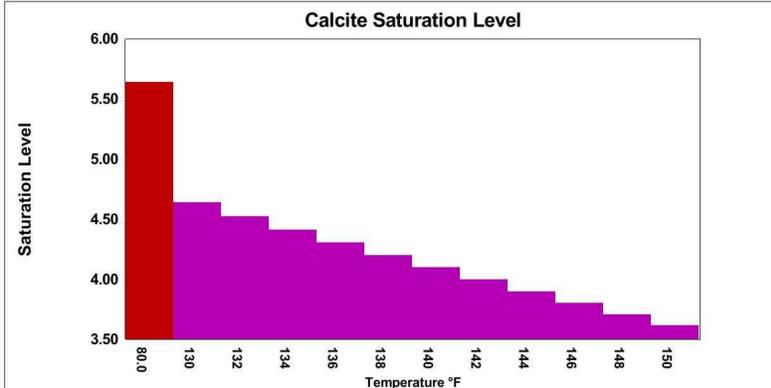
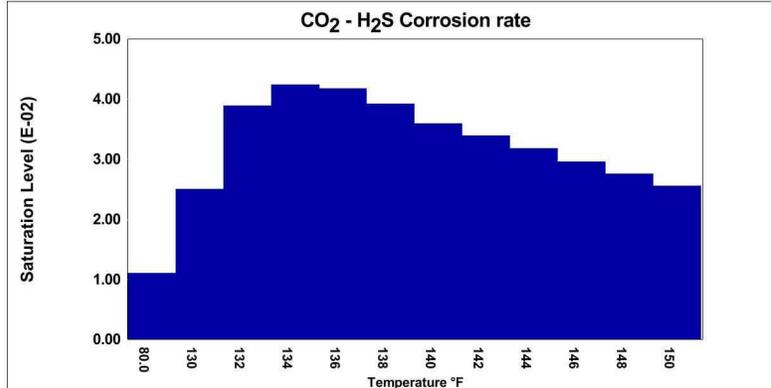
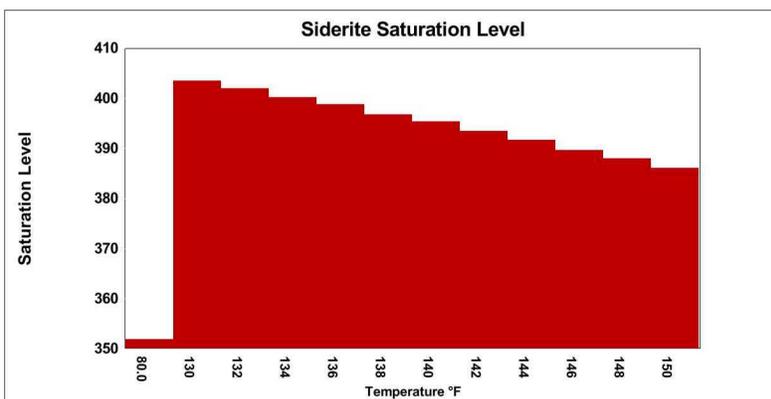
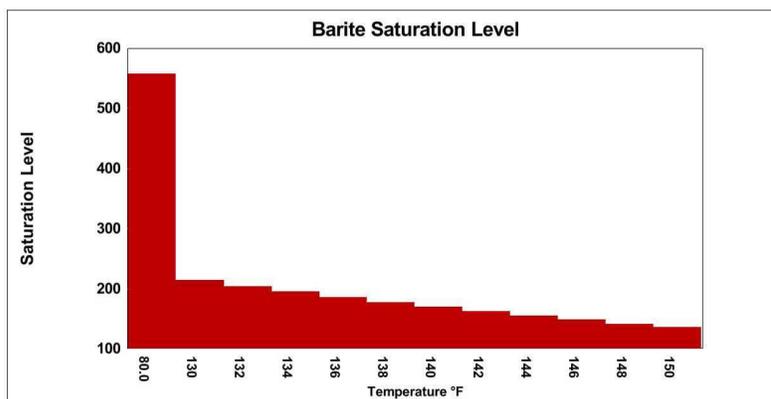
### PARAMETERS

Temperature(°F)	80.00
Sample pH	7.50
Conductivity	60860
T.D.S.	45873
Resistivity	16.43
Sp.Gr.(g/mL)	1.03

## SCALE AND CORROSION POTENTIAL

Temp. (°F)	Press. (psia)	Calcite CaCO <sub>3</sub>	Anhydrite CaSO <sub>4</sub>	Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> O	Barite BaSO <sub>4</sub>	Celestite SrSO <sub>4</sub>	Siderite FeCO <sub>3</sub>	Mackawenite FeS	CO <sub>2</sub> (mpy)	CO <sub>2</sub> mole %							
80.00	14.70	5.64	1.78	0.174	-822.48	0.269	-607.74	557.30	7.13	2.32	25.70	351.82	2.50	28.10	0.523	0.0110	0.388
130.00	50.00	4.64	1.04	0.239	-591.23	0.298	-527.45	213.48	7.11	2.46	26.76	403.48	1.53	9.62	0.458	0.0250	0.388
132.00	145.00	4.52	1.01	0.240	-585.61	0.298	-526.62	203.76	7.11	2.43	26.56	401.89	1.50	9.19	0.453	0.0388	0.388
134.00	240.00	4.41	0.988	0.242	-579.69	0.298	-525.88	194.53	7.10	2.41	26.36	400.17	1.48	8.78	0.447	0.0424	0.388
136.00	335.00	4.31	0.963	0.244	-573.56	0.297	-525.30	185.66	7.10	2.38	26.15	398.71	1.45	8.40	0.442	0.0418	0.388
138.00	430.00	4.20	0.937	0.246	-567.06	0.297	-524.75	177.31	7.10	2.35	25.94	396.70	1.42	8.02	0.437	0.0392	0.388
140.00	525.00	4.10	0.914	0.249	-560.32	0.297	-524.29	169.37	7.10	2.33	25.73	395.33	1.40	7.67	0.431	0.0359	0.388
142.00	620.00	4.00	0.889	0.251	-553.32	0.296	-523.93	161.81	7.10	2.30	25.51	393.43	1.37	7.33	0.426	0.0339	0.388
144.00	715.00	3.90	0.866	0.254	-546.08	0.296	-523.67	154.61	7.10	2.28	25.29	391.59	1.35	7.01	0.420	0.0318	0.388
146.00	810.00	3.80	0.842	0.257	-538.62	0.296	-523.51	147.77	7.09	2.25	25.07	389.62	1.32	6.70	0.414	0.0296	0.388
148.00	905.00	3.71	0.820	0.260	-530.96	0.295	-523.45	141.24	7.09	2.23	24.84	387.89	1.30	6.41	0.409	0.0275	0.388
150.00	1000.00	3.62	0.798	0.263	-523.10	0.294	-523.50	135.03	7.09	2.20	24.60	386.04	1.27	6.14	0.403	0.0256	0.388
		Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels

Saturation Levels (xSAT) are the ratio of ion activity to solubility, e.g. {Ca}{CO<sub>3</sub>}/K<sub>sp</sub>. CO<sub>2</sub> (mole %) refers to CO<sub>2</sub> in the gas phase.  
Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.



## SYSTEM IDENTIFICATION

Company: Enduring Resources  
Lease/Unit: WLU 761H  
Sample Location: Separator  
Submitted By: Kenny Wood  
Sales Representative: Kenny Wood  
Analyst: Lindsey Kelleher  
Lab Entry Date: 06-16-2022

Sample ID#: 0  
ID: 220616006

Sample Date: 06-15-2022 at 0000□Ntp`·  
Report Date: 06-20-2022

## WATER CHEMISTRY

### CATIONS

Calcium(as Ca)	225.14
Magnesium(as Mg)	64.25
Barium(as Ba)	13.89
Strontium(as Sr)	50.42
Sodium(as Na)	15455
Iron(as Fe)	26.79
Manganese(as Mn)	0.730

### ANIONS

Chloride(as Cl)	21842
Sulfate(as SO <sub>4</sub> )	2850
Dissolved CO <sub>2</sub> (as CO <sub>2</sub> )	199.60
Bicarbonate(as HCO <sub>3</sub> )	976.00
H <sub>2</sub> S (as H <sub>2</sub> S)	2.00

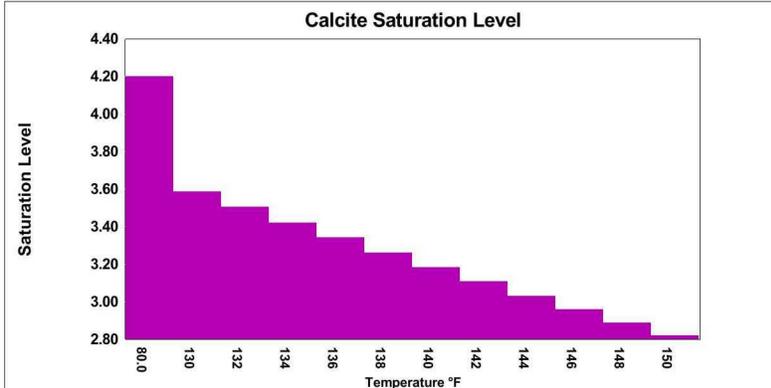
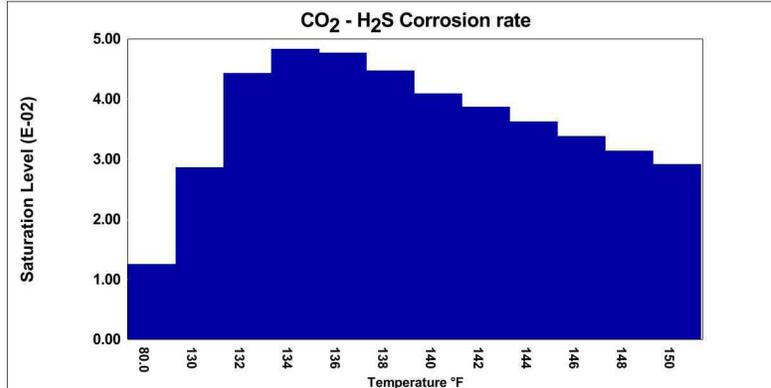
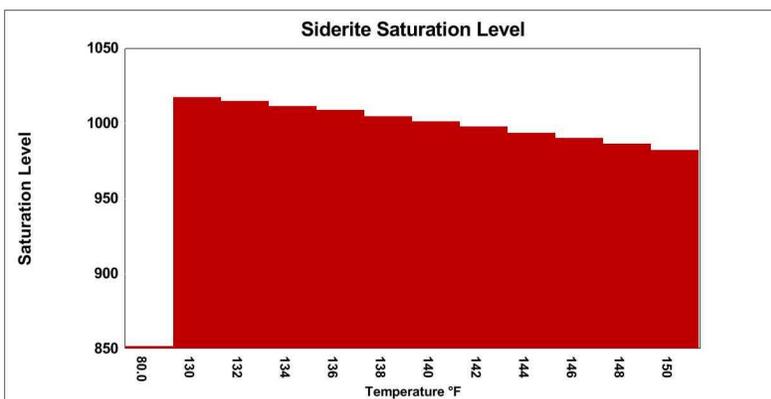
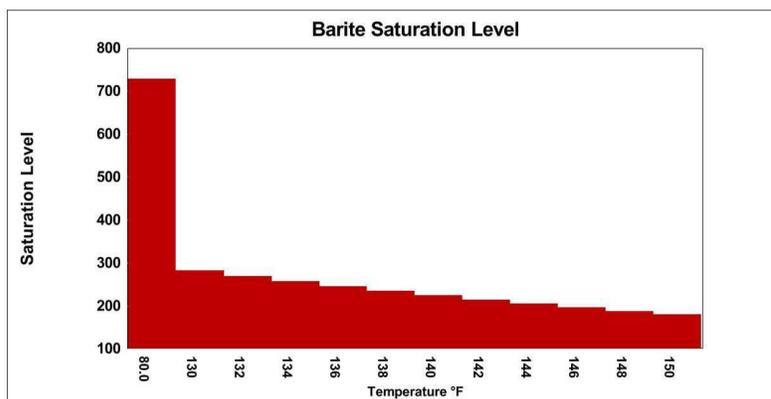
### PARAMETERS

Temperature(°F)	80.00
Sample pH	7.50
Conductivity	55548
T.D.S.	42409
Resistivity	18.00
Sp.Gr.(g/mL)	1.02

## SCALE AND CORROSION POTENTIAL

Temp. (°F)	Press. (psia)	Calcite CaCO <sub>3</sub>	Anhydrite CaSO <sub>4</sub>	Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> O	Barite BaSO <sub>4</sub>	Celestite SrSO <sub>4</sub>	Siderite FeCO <sub>3</sub>	Mackawenite FeS	CO <sub>2</sub> (mpy)	CO <sub>2</sub> mole %							
80.00	14.70	4.20	1.98	0.112	-870.07	0.174	-672.19	728.42	8.42	2.12	19.70	851.49	3.01	57.68	0.546	0.0125	0.476
130.00	50.00	3.59	1.19	0.154	-644.18	0.194	-591.53	281.22	8.40	2.26	20.78	1017	1.92	20.64	0.516	0.0286	0.476
132.00	145.00	3.50	1.16	0.156	-638.51	0.194	-590.39	268.53	8.40	2.24	20.62	1014	1.89	19.75	0.513	0.0443	0.476
134.00	240.00	3.42	1.13	0.157	-632.54	0.194	-589.35	256.48	8.40	2.21	20.44	1011	1.85	18.88	0.509	0.0483	0.476
136.00	335.00	3.34	1.10	0.158	-626.31	0.194	-588.40	245.00	8.40	2.19	20.27	1009	1.82	18.07	0.506	0.0476	0.476
138.00	430.00	3.26	1.07	0.160	-619.81	0.193	-587.53	234.09	8.39	2.17	20.09	1005	1.79	17.28	0.503	0.0447	0.476
140.00	525.00	3.18	1.04	0.161	-613.07	0.193	-586.76	223.71	8.39	2.15	19.91	1001	1.76	16.54	0.500	0.0409	0.476
142.00	620.00	3.11	1.01	0.163	-606.09	0.193	-586.09	213.82	8.39	2.12	19.72	997.53	1.73	15.82	0.497	0.0386	0.476
144.00	715.00	3.03	0.980	0.165	-598.90	0.193	-585.51	204.42	8.39	2.10	19.53	993.47	1.70	15.14	0.493	0.0362	0.476
146.00	810.00	2.96	0.952	0.167	-591.50	0.193	-585.02	195.44	8.39	2.08	19.34	990.06	1.67	14.50	0.490	0.0338	0.476
148.00	905.00	2.89	0.924	0.169	-583.90	0.192	-584.64	186.90	8.39	2.06	19.15	986.30	1.64	13.88	0.486	0.0314	0.476
150.00	1000.00	2.82	0.896	0.171	-576.12	0.192	-584.35	178.76	8.38	2.04	18.95	982.20	1.61	13.29	0.483	0.0292	0.476
		Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels	Lbs per xSAT 1000 Barrels

Saturation Levels (xSAT) are the ratio of ion activity to solubility, e.g. {Ca}{CO<sub>3</sub>}/K<sub>sp</sub>. CO<sub>2</sub> (mole %) refers to CO<sub>2</sub> in the gas phase. Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.



# **WARNER CALDWELL #003B**

**30-045-35506**

**San Juan Co., NM**

**384' FNL, 1960' FEL, Sec. 8, T23N, R08W**

**36.2479401°N, 107.7023926°W**

**CONVERSION TO SALTWATER DISPOSAL**



**ENDURING RESOURCES, LLC**

## **PROCEDURE:**

1. Hold PJSM prior to beginning any operations. Ensure all onsite personnel abide by Enduring HSE protocol.
2. Comply with all NMOCD and BLM safety and environmental regulations.
3. Conduct safety meeting with all personnel and MIRU rig
4. Blow down well to flowback tank. Kill well as required.
5. Pressure test 2-7/8" tbg. Unseat pump, TOO H w/ rods and pump.
6. ND WH. NU BOPE and test.
7. TOO H w/ 2-7/8" tubing while scanning, standing back yellow band, LD blue/green/red band.
8. TIH with 2-7/8" tbg and 5-1/2" casing scraper to 5900'. POOH. LD scraper.
9. TIH with 5-1/2" CIBP on 2-7/8" tubing & set CIBP @ 5876' (50' above Greenhorn perms).
10. MIRU cementers. Pump 12sx cement above CIBP f/ 5876' t/ 5776'. TOO H.
11. TIH with 5-1/2" CIBP on 2-7/8" tubing & set CIBP @ 5012' (50' above Gallup perms).
12. Pump 12sx cement above CIBP f/ 5012' t/ 4912. TOO H.
13. TIH with 5-1/2" CIBP on 2-7/8" tubing & set CIBP @ 4434'.
14. Pump 12sx cement above CIBP f/ 4434' t/ 4334' (200' below planned injection perms). TOO H.
15. Pressure test 5-1/2" casing to 1,000 psi
16. Rig up perforators. TIH and perforate the Point Lookout f/ 4134' t/ 3975'. TOO H.
17. PU AS1-X packer and RIH with 2-7/8" tubing with sub, packer, on/off tool and land packer 50' above top Point Lookout perforation @ 3925'.
18. Set packer and test tubing/casing annulus to 500 psi for 10 minutes. Bleed casing pressure.
19. Rig up acidizing crew. Pump 1,500 gal 15% HCl. Flush tubing and release acid crew.
20. Pull out of on/off tool, and POOH laying down tubing.
21. PU and TIH with 2-7/8" plastic lined tubing to packer @ 3925' and function test on/off tool.
22. Pull out of on/off tool and displace wellbore with packer fluid.
23. Latch onto on/off tool and chart official MIT with NMOCD witness on-site (provide inspector with 24 hour notification prior to chart recording).
24. NDBOP, NUWH and set tree for injection.
25. Establish initial injection rate to ensure well is taking fluid using no more than 50 bbl.
26. RDMO

# Farmington Daily Times

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## Affidavit of Publication

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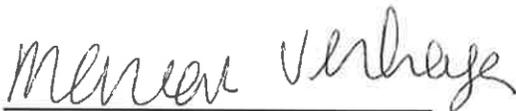
**SUTHIWAN KHEM**  
6300 S SYRACUSE WAY  
SUITE 525  
CENTENNIAL, CO 80111

Ms. Khem Suthiwan, Regulatory Manager at Enduring Resources, LLC, 200 Energy Court, Farmington, New Mexico 87401 (303-350-5721), wishes to provide notification for the submittal of an Application for Authorization to Inject to the New Mexico Oil Conservation Division (NMOCD). The application requests the use of existing well Warner Caldwell 003B, permitted with the New Mexico Oil Conservation Division, for the use as a Class II injection well. The well is located in San Juan County, New Mexico at latitude 36.2479401°N longitude -107.7023926°W. This well will be used to inject fluids produced from the enhanced recovery of oil and/or natural gas in the San Juan Basin. Fluids will be injected into the Point Lookout Formation at depths between 3,975 feet and 4,134 feet below ground surface. Maximum injection rates and pressures are anticipated to be 1130 barrels of water per day, respectively. Interested parties may contact the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within 15 days.

#5305551, Daily Times, June 20, 2022

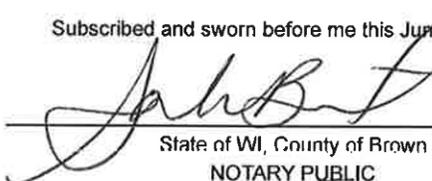
I, being duly sworn say: **Farmington Daily Times**, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for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

06/20/2022



Legal Clerk

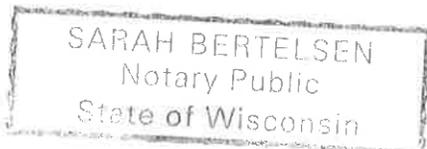
Subscribed and sworn before me this June 22, 2022:



State of WI, County of Brown  
NOTARY PUBLIC

7/27/25

My commission expires



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