

# Initial Application Part I

Received: 7/25/2022

*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**

FEDERAL 27 COM 3

ROOSEVELT COUNTY, NEW MEXICO

PREPARED FOR:

H. L. Brown Operating, LLC  
PO Box 2237  
Midland, TX 79702

PREPARED BY:

**ROSE ROCK ENVIRONMENTAL SERVICES**

PO Box 721926  
Oklahoma City, OK 73172  
405-883-1095

**July 2022**

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Form C-108 Application for Authorization to Inject

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL  
RESOURCES DEPARTMENT

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

FORM C-108  
Revised June 10, 2003

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: \_\_\_\_\_Secondary Recovery \_\_\_\_\_Pressure Maintenance \_\_\_\_\_X\_\_\_\_\_Disposal \_\_\_\_\_Storage  
Application qualifies for administrative approval? \_\_\_\_\_X\_\_\_\_\_Yes \_\_\_\_\_No
- II. OPERATOR: H.L. Brown Operating, LLC \_\_\_\_\_  
ADDRESS: \_PO BOX 2237, Midland TX 79702 \_\_\_\_\_  
CONTACT PARTY: Jeff Ryan \_\_\_\_\_PHONE: 432.688.3727
- 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 \_\_\_\_\_X\_\_\_\_\_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. VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth to 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: Jeff Ryan \_\_\_\_\_TITLE: Operations Manager \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_DATE: \_\_\_\_\_  
E-MAIL ADDRESS: JRyan@hlboperating.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: Well logs submitted 2/25/2003 \_\_\_\_\_

### 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.

### Section III. Well Data

## INJECTION WELL DATA SHEET

OPERATOR: \_H.L. Brown Operating, LLC \_\_\_\_\_

WELL NAME &amp; NUMBER: \_Federal 27 Com 3 \_\_\_\_\_

WELL LOCATION: \_1200' FNL, 1000' /FWL D 27-7S-37E\_\_\_\_\_

WELLBORE SCHEMATIC

See Attachment

WELL CONSTRUCTION DATASurface Casing

Hole Size: \_17 1/2"\_\_\_\_\_ Casing Size:\_\_\_13 3/8"\_\_\_\_\_

Cemented with: \_135\_\_\_\_\_ \_ sx. *or* \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_Surface \_\_\_\_\_ Method Determined: \_\_\_\_\_

Intermediate Casing

Hole Size: \_\_\_\_\_11"\_\_\_\_\_ Casing Size:\_\_\_8 5/8"\_\_\_\_\_

Cemented with: 1350 sx. *or* \_\_\_\_\_ ft<sup>3</sup>Top of Cement: Surface \_\_\_\_\_ Method Determined: \_\_\_\_\_Production Casing

Hole Size: \_\_\_\_\_7 7/8"\_\_\_\_\_ Casing Size:\_\_\_5 1/2"\_\_\_\_\_

Cemented with: \_685\_\_\_\_\_ \_ sx. *or* \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_5413\_\_\_\_\_ Method Determined: \_temp survey \_

Total Depth: \_9419' MD, 7995' TVD\_\_\_\_\_

Injection Interval

\_\_\_\_8316'\_\_\_\_\_ feet to \_\_\_\_9289'\_\_\_\_\_perforated\_\_\_\_\_

(Perforated or Open Hole; indicate which)



**INJECTION WELL DATA SHEET**

Tubing Size: 2 3/8" Lining Material: N-80 HDL Liner

Type of Packer: Arrowset IX

Packer Setting Depth: approx. 7700'

Other Type of Tubing/Casing Seal (if applicable):

Additional Data

1. Is this a new well drilled for injection? Yes X No  
If no, for what purpose was the well originally drilled? Production Well
2. Name of the Injection Formation: Wolfcamp
3. Name of Field or Pool (if applicable): Bluitt Gas
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. No
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:   
Wolfcamp 7960'-7995' TVD

## Federal 27 #3 Com

1200' FNL & 1000' FWL, Unit D, Sec 27, T-7-S, R-37-E, Roosevelt Co, NM

Field: Bluit Wolfcamp (gas)

Elev: 4057', KB: 4076' (19')

API # 30-041-20895

Bottom Hole Location: 2,579' FNL & 1,959' FEL, Unit F Sec 27, T-7-S, R-37-E

Spud: 9/04/01

Compl: 10/9/01

### Production

Initial: 14BO/11BW/850 MCF

Current: 0BO/0BW/100 MCF

Cum: 3 MBO & 634 MMCF

Current Status: Shut In

### Surface Casing

13-3/8" 48# H-40 @ 550'

Cmt'd w/550sxs, circ'd 135sxs

17-1/2" Hole

TOC - surface

### Tubing Detail

1 Jt 2 3/8" N-80	31
1 2 3/8" N-80 sub	10
237 Jts 2 3/8" N-80	7454
5 Jts 2 3/8" J-55	157
1 2 3/8" T2 On/Off Tool	2
w/1.81" F profile nipple	
1 2 3/8" x 5 1/2" ASIX 10 K pkr	5
Total	7,659
SN	7,654

### Intermediate Casing

8-5/8" 32# J-55 @ 3900'

Cmt'd w/1350sxs, circ'd 76sxs

11" hole

TOC - surface

### Production Casing

5-1/2" 15.50 /17# J55 @ 8150'

Cmt'd w/685sxs, cmt did not circ

7-7/8" Hole

TOC - 5,413' by temp survey

### Production Liner

3-1/2", 10.4#, N-80 HDL liner

pre-drilled from 8316' - 9389'

8,316'-8,317' - 3 holes

8,465'-8,466' - 3 holes

8,582'-8,583' - 4 holes

8,851'-8,852' - 4 holes

8,998'-8,999' - 4 holes

9,119'-9,120' - 4 holes

9,270'-9,271' - 4 holes

9,288'-9,289' - 4 holes

Kick off point @ 7700'

Total Lateral - 1,424'

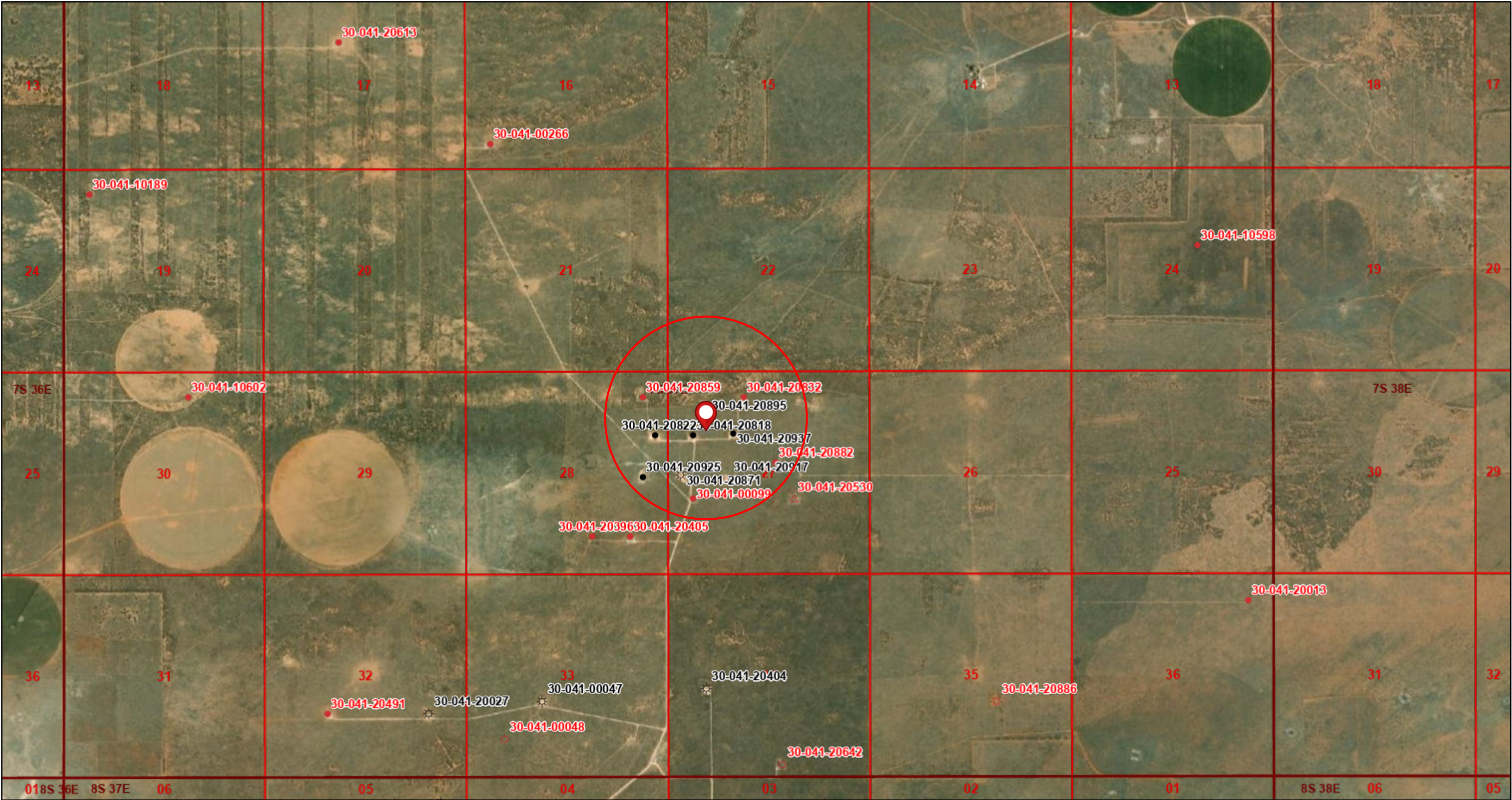
4-3/4" open hole, 1269'

TD = 9419' MD  
= 7995' TVD

## Section V. Map of Wells and Leases

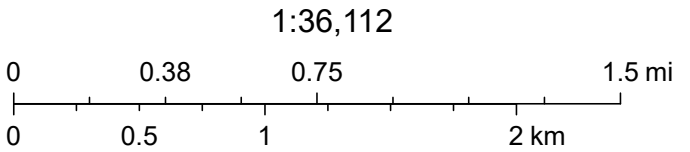


Federal 27 Com 3H, 30-041-20895, 1/2 mile buffer



5/20/2022, 11:31:22 AM

- OCD Districts
- Gas, Plugged
- Salt Water Injection, Plugged
- Wells - Large Scale
- Oil, Active
- PLSS First Division
- Gas, Active
- Oil, Plugged
- PLSS Townships



Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, BLM



## Section VI. Tabulation of Wells

All wells within ½ mile of the proposed injection well are operated by H. L. Brown. There are four (4) plugged wells within the area of review. Plugging records are attached.

API	Well Name	Well Type	Well Status	OGRID Name	County	PLSS Location (ULSTR)	Latitude	Longitude	Datum	Well Bore Direction	SPUD Year	SPUD Date	Lease Type	Measured Depth	Vertical Depth	Associated Pools	Last Produced	Last MIT/BHT	Plug Date
30-041-20396	PRE-ONGARD WELL #001	Oil	Plugged (site released)	PRE-ONGARD WELL OPERATOR	Roosevelt	O-28-07S-37E	33.6748	-103.156	NAD83	No Data	1900	1/1/1900	Federal	0	9,244	No Data	12/31/9999	12/31/9999	1/1/1900, 1:00 AM
30-041-20405	PRE-ONGARD WELL #001	Oil	Plugged (site released)	PRE-ONGARD WELL OPERATOR	Roosevelt	P-28-07S-37E	33.6748	-103.1528	NAD83	No Data	1900	1/1/1900	Federal	0	8,242	No Data	12/31/9999	12/31/9999	1/1/1900, 1:00 AM
30-041-20859	FEDERAL 28 A COM #001	Oil	Plugged (site released)	H L BROWN JR	Roosevelt	A-28-07S-37E	33.6848	-103.1517	NAD83	V	9999	12/31/9999	Federal	99,999	9,150	[6910] BLUITT, SILURO DEVONIAN, NORTH	12/31/9999	12/31/9999	6/5/1991, 1:00 AM
30-041-20925	FEDERAL 28 #003	Oil	Active	H L BROWN OPERATING, LLC	Roosevelt	I-28-07S-37E	33.6791	-103.1517	NAD83	V	2006	9/13/2006	Federal	9,154	9,154	[6910] BLUITT, SILURO DEVONIAN, NORTH	4/1/2022	1/25/2022	N/A
30-041-20822	FEDERAL 28 COM #001	Oil	Active	H L BROWN OPERATING, LLC	Roosevelt	H-28-07S-37E	33.6821	-103.1506	NAD83	V	9999	12/31/9999	Federal	0	9,046	[6910] BLUITT, SILURO DEVONIAN, NORTH	4/1/2022	1/25/2022	N/A
30-041-20871	FEDERAL 27 COM #002	Gas	Active	H L BROWN OPERATING, LLC	Roosevelt	L-27-07S-37E	33.6792	-103.1485	NAD83	V	1993	9/27/1993	Federal	9,035	9,035	[6910] BLUITT, SILURO DEVONIAN, NORTH; [72640] BLUITT, WOLFCAMP (GAS)	11/1/2021	1/25/2022	N/A
30-041-00099	FEDERAL #005	Oil	Plugged (site released)	H L BROWN JR	Roosevelt	L-27-07S-37E	33.6775	-103.1474	NAD83	No Data	1900	1/1/1900	Federal	0	9,265	No Data	12/31/9999	12/31/9999	1/1/1900, 1:00 AM
30-041-20818	FEDERAL 27 COM #001	Oil	Active	H L BROWN OPERATING, LLC	Roosevelt	E-27-07S-37E	33.6821	-103.1474	NAD83	V	1987	8/3/1987	Federal	9,089	9,089	[6910] BLUITT, SILURO DEVONIAN, NORTH; [97734] BLUITT, UPPER PENNSYLVANIAN, NORTH	3/1/2018	1/25/2022	N/A
30-041-20917	FEDERAL 27 #004	Oil	Active	H L BROWN OPERATING, LLC	Roosevelt	K-27-07S-37E	33.6791	-103.1441	NAD83	V	2007	7/6/2007	Federal	9,097	9,097	[6910] BLUITT, SILURO DEVONIAN, NORTH	4/1/2022	1/25/2022	N/A
30-041-20937	FEDERAL 27 #006	Oil	Active	H L BROWN OPERATING, LLC	Roosevelt	F-27-07S-37E	33.6822	-103.1439	NAD83	V	2009	9/16/2009	Federal	9,200	9,200	[6910] BLUITT, SILURO DEVONIAN, NORTH	1/1/2022	1/25/2022	N/A
30-041-20832	FEDERAL 27 A #001	Oil	Plugged (site released)	H L BROWN OPERATING, LLC	Roosevelt	C-27-07S-37E	33.6848	-103.143	NAD83	H	9999	12/31/9999	Federal	9,200	7,993	[6910] BLUITT, SILURO DEVONIAN, NORTH; [96838] DRY AND ABANDONED	12/1/1997	12/31/9999	12/31/9999, 1:00 AM
30-041-20882	FEDERAL 27 A #002	Oil	Plugged (site released)	H L BROWN OPERATING, LLC	Roosevelt	G-27-07S-37E	33.6801	-103.1403	NAD83	V	1997	7/19/1997	Federal	9,200	9,200	[6910] BLUITT, SILURO DEVONIAN, NORTH	10/1/2001	9/5/2003	9/25/2007, 1:00 AM
30-041-20530	HOLLY 27 FEDERAL #001	Salt Water Disposal	Plugged (site released)	H L BROWN JR	Roosevelt	J-27-07S-37E	33.6775	-103.1387	NAD83	V	1980	8/8/1980	Federal	9,202	9,202	[96121] SWD, SAN ANDRES	10/1/1995	12/31/9999	3/13/1996, 12:00 AM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0475 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR H. L. Brown, Jr.		8. FARM OR LEASE NAME Federal <del>State</del>	
3. ADDRESS OF OPERATOR 309 Midland Tower, Midland, Texas 79701		9. WELL NO. #5	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FSL & 660' FWL, Section 27, T 7 S, R 37 E Roosevelt County, New Mexico		10. FIELD AND POOL, OR WILDCAT Undesignated	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sect 27, T7S, R 37 E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4053' GL		12. COUNTY OR PARISH Roosevelt	
		13. STATE New Mexico	

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

WELL DATA

13-3/8" casing set at 334' - cement circulated  
9-5/8" casing set at 4112' - cement circulated  
5-1/2" casing set at 9180' - cemented with 500 sxs. Top of cement 7390'.

Perfs: 8850' - 8896', 9030' - 8046', 9025' - 8030', 8015' - 8020'.

PLUGGING PROCEDURE

Set 5-1/2" bridge plug at 8798'. Dumped 20', 2 sxs of cement on top.  
Set second bridge plug at 7975'. Dumped 2 sxs (20') of cement on top.  
Shot casing at 5975'. Couldn't pull. Shot again at 5010', still couldn't pull. Shot again at 4042'. Pulled 128 jts of 5-1/2", 15-1/2", LT & C casing. Spotted 50 sxs cement plug at 4022'. Pulled up and circulated hole with gel and salt water. Pulled and laid down 129 jts of tubing and cut off well head. Put 10 sxs on top. Set dry hole marker. Plugged and abandoned 7-22-70.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Petroleum Engineer

August 3, 1970

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

SEP 10 1970

ARTHUR R. BROWN  
DISTRICT ENGINEER

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1 Type of Well <input checked="" type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No NM 12852
2 Name of Operator H.L. Brown Operating L.L.C. OGRID #213179		6 If Indian, Allottee of Tribe Name N/A
3a Address 300 W. Louisiana, Midland, Texas 79701	3b Phone No (include area code) 432-688-3727	7 If Unit or CA/Agreement, Name and/or No N/A
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit Letter C, 660' FNL & 1,980' FWL, Section 27, T-7-S, R-37-E		8 Well Name and No Federal "27" A #1
		9 API Well No 30-041-20832
		10 Field and Pool, or Exploratory Area N. Bluit (Wolfcamp)
		11 County or Parish, State Roosevelt County, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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

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

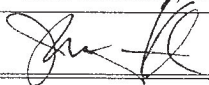
09/19/07 Set steel working pit. MIRU Triple N rig #24 and plugging equipment. NU BOP. RIH w/ tubing to 7,565', tagged PBTD. Circulated hole w/ mud. POOH w/ tubing. Z.R. Hogwood w/ BLM on location.

09/20/07 Stretched 5 1/2" casing. Contacted BLM, Alexis Swaboda (BLM JR Hogwood on location) ok'd pulling casing from 3,400'. Cut casing @ 3,425'. POOH w/ 5 1/2" casing. SI well, SDFN.

09/21/07 RIH w/ tubing to 3,460' and tagged casing stub. Continued in hole w/ tubing to 3,523'. Pumped 65 sx C cmt w/ CaCl2 @ 3,523'. WOC and tagged cmt @ 3,325'. Contacted BLM, J. R. Hogwood, ok'd tag. Pumped 40 sx C cmt w/ CaCl2 @ 569'. WOC and tagged cmt @ 420'. Pumped 20 sx C cmt 60' to surface. RDMO.

10/01/07 Cut off wellhead & anchors, installed dry hole marker. Backfilled cellar.

APPROVED AS TO PLUGGING OF THIS  
WELL BORE. LIABILITY UNDER BOND  
IS RETAINED UNTIL SURFACE RESTORATION  
IS COMPLETED

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed) James F. Newman, P.E.		Title Engineer, Triple N Services, Inc. 432.687.1994
Signature 		Date 10/10/2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by <b>/S/ DAVID R. GLASS</b>	PETROLEUM ENGINEER	Date OCT 17 2007
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

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.

(Instructions on page 2)

GWW



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE- Other instructions on reverse side**

1 Type of Well <input checked="" type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No NM 12852
2 Name of Operator H.L. Brown Operating L.L.C. OGRID #213179		6 If Indian, Allottee or Tribe Name
3a Address 300 W. Louisiana, Midland, Texas 79701	3b Phone No (include area code) 432-688-3727	7 If Unit or CA/Agreement, Name and/or No
4 Location of Well (Footage, Sec, T, R, M, or Survey Description) Unit Letter G, 2,360' FNL & 2,460' FEL, Section 27, T-7-S, R-37-E		8 Well Name and No Federal "27" 1-72
		9 API Well No 30-041-20882
		10 Field and Pool, or Exploratory Area N. Bluit (Wolfcamp)
		11 County or Parish, State Roosevelt County, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE REPORT, OR OTHER DATA**

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

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

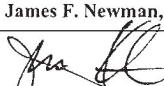
09/21/07 Set steel rig mat, set steel working pit. MIRU Triple N rig #24 and plugging equipment. ND wellhead, NU BOP. RIH w/ 2 1/2" workstring tubing to 7,141', tagged PBTD. SDFN.

09/24/07 Contacted BLM, J. R. Hogwood. Displaced hole w/ mud, POOH w/ tubing. Cut casing @ 3,939'. NU BOP, POOH w/ 5 1/2" casing. SDFN.

09/25/07 BLM, J. R. Hogwood on location. Finished POOH w/ 5 1/2" casing. RIH w/ tubing and pumped 65 sx C cmt w/ CaCl2 @ 4,058'. WOC and tagged cmt @ 3,838'. Pumped 45 sx C cmt w/ CaCl2 @ 599'. WOC and tagged cmt @ 451'. Pumped 20 sx C cmt 60' to surface. RD.

10/01/07 Cut off wellhead & anchors, installed dry hole marker. Backfilled cellar.

APPROVED AS TO PLUGGING OF THIS  
WELL BORE. LIABILITY UNDER BOND  
IS RETAINED UNTIL SURFACE RESTORATION  
IS COMPLETED

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed) James F. Newman, P.E.		Title Engineer, Triple N Services, Inc. 432.687.1994
Signature 		Date 10/10/2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by <b>/S/ DAVID R. GLASS</b>	PETROLEUM ENGINEER Date <b>OCT 17 2007</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office

Title 18 USC Section 1001 and Title 43 USC 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.

GWW

UNITED STATES N. M. OIL CONS. COM. 10N-2  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
P.O. BOX 1980  
HOBBS, NEW MEXICO 88240

Form approved.  
Budget Bureau No. 1004-0.35  
Expires August 31, 1985  
5. LEASE DESIGNATION AND SERIAL

NM 69680

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ Dry

2. NAME OF OPERATOR

H. L. Brown, Jr.

3. ADDRESS OF OPERATOR

Post Office Box 2237, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface Unit A

660  
660' FNL & 660' FEL of Sec 28, T 7S, R 37E, Unit A

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4062.6 GR

12. COUNTY OR PARISH 13. STATE

Roosevelt

NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETION ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

H. L. Brown, Jr. has plugged and abandoned the Federal "28" A Com #1 well. Below recaps the procedure used.

Began plugging operations on 4-12-91.

1. Set CIBP @ 8050'. Dumped 35' cement on top.
2. Circulated hole with 9.5 ppg mud.
3. Set CIBP @ 5635'. Dumped 35' cement on top.
4. Cut and pulled 4 1/2" casing from 5005' - 5000' casing laid down.
5. Spotted 50 sx cement @ 5075'. Tagged TOC @ 4850'.
6. Set 8 5/8" CIBP @ 3850'. Dumped 35' cement on top.
7. Spotted 30 sx cement @ 575'.
8. Spotted 15 sx cement @ 60'.
9. Welded on cap.

Well P&A'd 4-16-91

MAY 31 1991

18. I hereby certify that the foregoing is true and correct

SIGNED Mark A. Bosch

TITLE Production Engineer

DATE 5-30-91

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_  
Approved as to plugging of the well bore.  
Liability under bond is retained until  
surface restoration is completed.

\*See Instructions on Reverse Side

APPROVED  
DATE PETER W. CHESTER  
JUN 5 1991  
BUREAU OF LAND MANAGEMENT  
ROSWELL RESOURCE AREA

## Section VII. Proposed Operations

All injected water will be piped to the Federal 27 Com 3 from other wells operated by H.L. Brown on the lease.

Average Injection Rate	0.5 bbl/minute
Maximum Injection Rate	1 bbl/minute
Average Daily Injection Volume	300-500 bbl/day
Maximum Daily Injection Volume	1,000 bbl/day
Average Injection Pressure	100 psi
Maximum Injection Pressure	4,000 psi
System	Closed
Source of Disposal Water	H.L. Brown LLC operated wells in Bluit Gas (Wolfcamp) field

## Section VIII. Geologic Data

- **Injection Zone**
  - Lithology – Dolomite
  - Geologic Name – Wolfcamp
  - Thickness - 210'
  - Depth - 7960'
- **Aquifers**
  - Name – Ogallala
  - Overlying Injection Zone - Lowest Known Fresh Water 200' (+or-)
  - Oil well surface casing set at 550' (+or-) to protect freshwater zones
  - No fresh water below injection zone

## Section IX. Proposed Stimulation Program

No stimulation is planned

## Section X. Logging and Test Data

Well logs were submitted to the Division February 25, 2003.

## Section XI. Chemical Analysis of Fresh Water Wells

There are no producing freshwater wells within one (1) mile of the proposed injection well.

## Section XII. Affirmative Statement

**H.L. Brown Operating, L.L.C.**  
**Post Office Box 2237**  
**Midland, Texas 79702-2237**

June 30, 2022

New Mexico Energy, Mineral and Natural Resources Department  
Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, New Mexico 87505

To whom it may concern:

Regarding the injection permit application for the H.L. Brown Operating LLC, Federal 27-3, I affirm the available geologic and engineering data has been examined and there is no evidence of open faults or other hydrologic connections between the proposed disposal zone and the subsurface potable water zones in the area.

Should you have any questions, please do not hesitate to contact me either by phone or email at the contact information listed below.

Sincerely,



Ron Johnson  
Senior Geologist  
H.L. Brown Operating  
432-683-3738 – office  
rjohnson@hlboperating.com

### Section XIII. Proof of Notice

A copy of the Application for Authorization to Inject has been sent, via certified mail, to the surface owners, Mack and Shirleen Kizer. A copy of the certified mail receipt is attached.

H. L. Brown Operating, LLC is the only leasehold operator within one-half mile of the proposed injection well location.

Legal notice was published in The Eastern New Mexico News on July 10<sup>th</sup>, 2022. Affidavit of Publication is attached.





July 25, 2022

Dear Sarah Nimmo:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**7021 2720 0003 4763 4022.**

#### Item Details

<b>Status:</b>	Delivered, Individual Picked Up at Post Office
<b>Status Date / Time:</b>	July 25, 2022, 8:10 am
<b>Location:</b>	PEP, NM 88126
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™
	Return Receipt Electronic

#### Shipment Details

<b>Weight:</b>	3.0oz
----------------	-------

#### Recipient Signature

Signature of Recipient:	<table><tbody><tr><td>Signature</td><td>X</td><td><i>Mark Rye</i></td></tr><tr><td>Printed Name</td><td></td><td></td></tr></tbody></table>	Signature	X	<i>Mark Rye</i>	Printed Name		
Signature	X	<i>Mark Rye</i>					
Printed Name							
Address of Recipient:	<table><tbody><tr><td>Delivery Address</td><td></td></tr></tbody></table>	Delivery Address					
Delivery Address							

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

AFFIDAVIT OF LEGAL PUBLICATION

Legal 9698

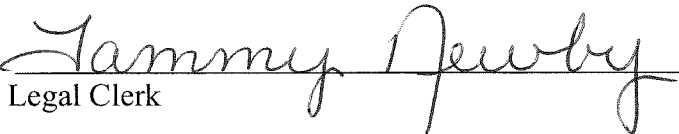
STATE OF NEW MEXICO  
COUNTIES OF CURRY  
AND ROOSEVELT:

The undersigned, being dully sworn, says:  
That she is a Legal Clerk of  
The Eastern New Mexico News  
Newspaper of general circulation,  
Published in English at Clovis and Portales,  
said counties and state, and that the  
hereto attached


Public Notice-H.L. Brown  
Legal 9698

was published in The Eastern New Mexico News  
a daily newspaper duly qualified for that purpose  
within the meaning of Chapter 167 of the 1937  
Session Laws of the State of New Mexico for  
1 Days/weeks on the same days as follows:

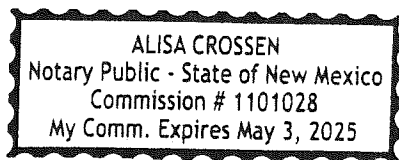
First Publication      July 10, 2022  
Second Publication  
Third Publication  
Fourth Publication

  
Legal Clerk

Subscribed and sworn to before me,  
July 12, 2022

  
Notary Public

My commission expires on May 3, 2025



Legal 9698  
July 10, 2022

LEGAL NOTICE

H. L. Brown Operating, LLC proposes to convert a gas well in Roosevelt County to a saltwater disposal well. The Federal 27 Corn 3, located 1200' FNL, 1000'

FWL Unit D Section 27, T-7-S, R-37-E, will dispose of saltwater into the Wolfcamp formation from a depth of 7960' to 7995' at a maximum rate of 1 BPM and a maximum pressure of 4,000 psi. Questions pertaining to this application should be directed to Jeff Ryan, Operations Manager for H. L. Brown Operating, LLC, P.O. Box 2237, Midland, TX 79702; phone number (432) 688-3727. Interested parties shall file objections or requests for hearing with the Oil Conservation Division, 1220 S. St. Francis Drive, Santa Fe, New Mexico 87505, within fifteen (15) days.



DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

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

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-041-20895</b>	Pool Code 72640	Pool Name Bluitt (Wolfcamp) Gas
Property Code 002265	Property Name FEDERAL "27 " COM	Well Number 3
OGRID No. 009676	Operator Name H.L. BROWN ,JR	Elevation 4057'

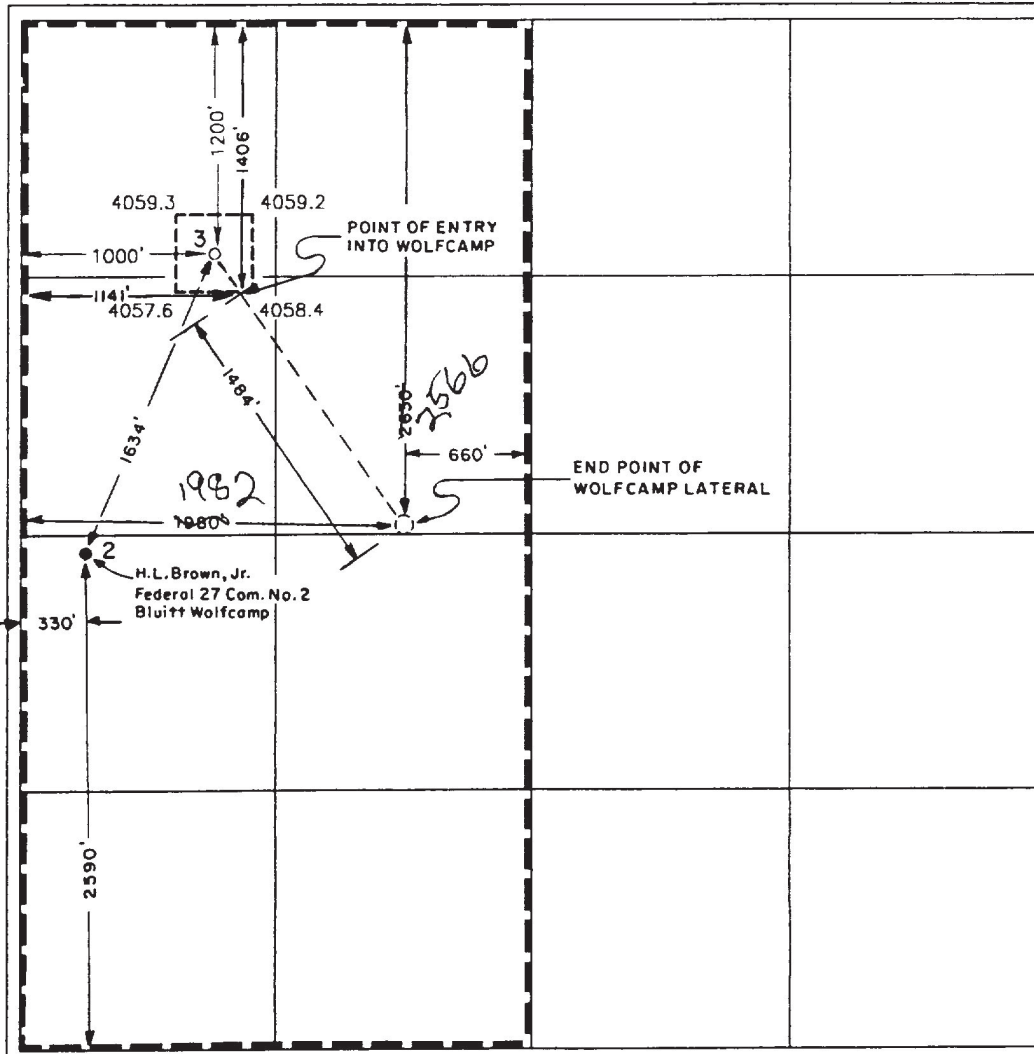
Surface Location

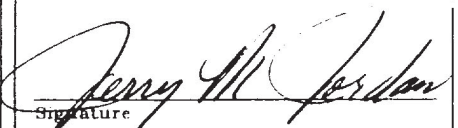
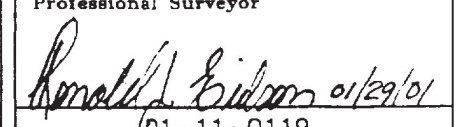
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	27	7-S	37-E		1200	NORTH	1000	WEST	ROOSEVELT

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
F	27	7-S	37-E		2630 2566	North	1982 1980	West	Roosevelt
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No. NMNM 91048						

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



<b>OPERATOR CERTIFICATION</b>	
I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.	
	
Signature	
Jerry M. Jordan	
Printed Name	
Operations Manager	
Title	
2/9/01	
Date	
<b>SURVEYOR CERTIFICATION</b>	
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.	
JANUARY 25, 2001	
Date Surveyed ...	
AWB	
Signature & Seal of Professional Surveyor	
	
01-11-0119	
Certificate No. RONALD J. EIDSON 3239	
GARY EIDSON 12641	