

Form 3160-5
(October 2024)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

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.

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

3a. Address

3b. Phone No. (include area code)

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

9. API Well No.

10. Field and Pool or Exploratory Area

11. Country or Parish, State

12. CHECK THE 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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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 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 recompleate 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 perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SWSW / 862 FSL / 458 FWL / TWSP: 22S / RANGE: 32E / SECTION: 15 / LAT: 32.3868069 / LONG: -103.6696317 (TVD: 0 feet, MD: 0 feet)

BHL: SWSW / 862 FSL / 458 FWL / TWSP: 22S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

Strata Production Co

P. O. Box 1030

Roswell, New Mexico 88202-1030

LeaseLechuza FederalWell No1Location862' FSL & 458' FWL

CountyLeaSTNMSection15TwtnShp22SRng32E

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API No. 30-025-31603

DATE	DAILY REPORTS
Aug 01, 2025	<p>Notified NMOCD of intent to start P&A operations. Moved pumping unit off well. MIRU M&G rig and plugging equipment. POOH LD rods, polished rod with liner, 1” X 8’ rod sub, 76 1” steel rods, 79 7/8” steel rods, 125 3/4” steel rods, 16 7/8” steel rods, 1” X 1’ rod sub, 2.50” X 1.5” X 24’ HXBC pump with 12” strainer nipple. Sent pump to Endurance in Hobbs. Secured well and SDFWE.</p> <div>EDC: \$6,072ECC: \$6,072</div>
Aug 04, 2025	<p>Bled down well. NU 7-1/16” 5K BOP. Release tubing anchor and POOH with tubing. LD tubing anchor, seating nipple, perforated sub, and mud joint. Secured well and SDON.</p> <div>EDC: \$6,655ECC: \$13,277</div>
Aug 05, 2025	<p>TIH with bit and scraper to 7,030’. POOH and RU wireline unit. Set cast iron bridge plug at 7,005’. TIH with tubing open ended and tagged bridge plug. Will spot cement plug tomorrow. Secured well and SDON.</p> <div>EDC: \$10,505ECC: \$23,782</div>
Aug 06, 2025	<p>Finished TIH open ended tubing and tagged CIBP at 7,005’. Reported tag to BLM and was told to run CBL before setting cement plug on top of CIBP. POOH with tubing. RU Ram Wireline and ran CBL 7,000’ to surface. Estimated top of cement at 3,935’. RD Ram. Secured well and SDON.</p> <div>EDC: \$10,505ECC: \$34,287</div>
Aug 07, 2025	<p>TIH with open ended tubing to 6,972’. Circulated well with 120 bbls gelled brine. Secured well and SDON.</p> <div>EDC: \$6,914ECC: \$41,201</div>
Aug 08, 2025	<p>Spot cement Plug #1 at 7,005’ (top of CIBP) with 30 sacks. POOH with 10 joints tubing. Tagged plug at 6,890’. Placed EOT at 5,548’. Tested casing to 1,000 psi. Spot Plug #2 with 30 sacks cement. POOH with 12 joints tubing. Secured well and SDFWE.</p> <div>EDC: \$6,914ECC: \$48,114</div>
Aug 11, 2025	<p>TIH to tag Plug #2. Did not tag anything. Made second attempt to spot Plug #2 (5,458-5,558’) with 40 sacks. WOC and TIH to tag. Did not tag anything. Tested casing to 1,000 psi. Lost 250 psi in 15 minutes. Made third attempt to spot Plug #2 with 45 sacks cement. Will attempt to tag in the morning. Have packer standing by to isolate casing leak if required. Secured well and SDON.</p> <div>EDC: \$6,914ECC: \$55,028</div>
Aug 12, 2025	<p>TIH and tagged Plug #2 at 5,265’. WO rig repairs 2 hours. Spotted Plug #3 (4,370-4,470’). TIH to 4,585’ to tag plug without tagging. Will make another attempt to spot Plug #3 tomorrow morning. Secured well and SDON.</p> <div>EDC: \$6,914ECC: \$61,941</div>
Aug 13, 2025	<p>Pressured up on tubing (could not pump in). Attempted to PU on tubing but found tubing stuck. Ran free point and found tubing stuck at 4,230’. Cut tubing at 4,200’ and POOH with tubing. TIH with casing cutting tool and cut 5-1/2” casing at 3,100’. RD wireline. Secured well and SDON.</p> <div>*Note: BLM kept informed throughout day.<div>EDC: \$10,764ECC: \$72,705</div></div>

Strata Production Co

P. O. Box 1030

Roswell, New Mexico 88202-1030

LeaseLechuza FederalWell No1Location862' FSL & 458' FWL

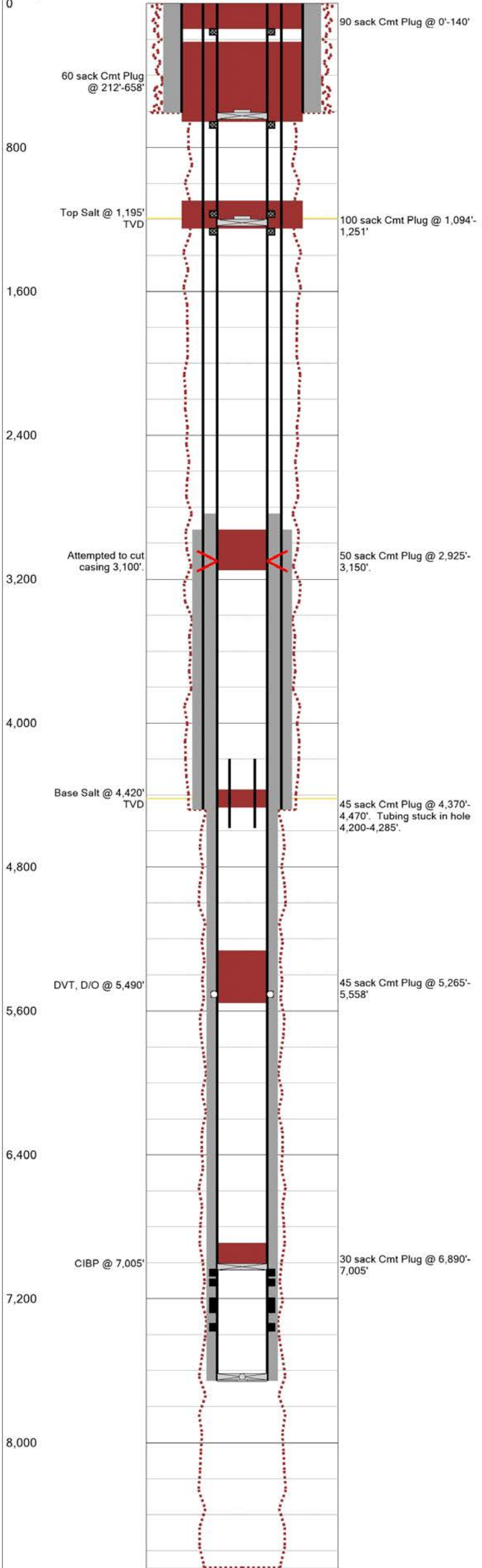
CountyLeaSTNMSection15TwtnShp22SRng32E

AFEPage2

API No. 30-025-31603

DATE	DAILY REPORTS
Aug 14, 2025	Attempted to circulate down 5-1/2” casing. Pressured up and held 1,500 psi. Bled down pressure. Welded 5-1/2” casing lift sub. Attempted to pull 5-1/2’ casing up to 120K# with rig. Casing not moving. Will attempt to pull with casing jacks tomorrow. Secured well and SDON. EDC: \$6,655ECC: \$79,360
Aug 15, 2025	RU casing jacks and attempted to pull 5-1/2’ casing. Casing not moving. Notified BLM. Spotted 50 sack cement plug inside 5-1/2” casing at 3,150’. PU above plug. WOC. Secured well and SDFWE. EDC: \$6,177ECC: \$85,536
Aug 18, 2025	TIH with tubing and tagged top of plug at 2,925’. Notified BLM of tag. POOH with tubing. RU wireline unit and perforated 1,250-1,251’ and 1,154-1,155’ with 4 shots each. Set cement retainer at 1,200’. TIH with retainer stinger on tubing. Rig did not have tubing pup joints to space out into retainer. Secured well and SDON. EDC: \$10,560ECC: \$96,096
Aug 19, 2025	PU 2-7/8” tubing subs and spaced out in cement retainer. Pumped around cement retainer at 2 BPM 100 psi. SD for equipment repairs (welded up leak in cement bulk truck). Circulated 100 sacks Class C cement from 1,251’ to 1,154’ through cement retainer. PU out of cement retainer and reversed cement out of tubing. POOH with 50 joints tubing. Secured well and SDON while WOC. EDC: \$8,910ECC: \$105,006
Aug 20, 2025	TIH to tag Plug #3. No cement above cement retainer. Spotted 30 sacks cement on top of cement retainer. WOC and tagged at 1,094’. Notified BLM. Perforated 5-1/2” casing 657-658’ and 557-558’ with 4 shots each. Set cement retainer at 607’. Pumped down tubing but would not circulate around retainer. Notified BLM. Squeezed through cement retainer with 60 sacks cement. PU out of retainer and spotted 2 bbls cement on top of retainer. POOH with tubing. Secured well and SDON while WOC. EDC: \$16,060ECC: \$121,066
Aug 21, 2025	Current Operation: Preparing to cut off wellhead. TIH with tubing and tagged cement plug at 212’. Notified BLM. Perforated 5-1/2” casing at 140’ and circulated 90 sacks cement to surface. BLM was on location to witness final plug. SD WOC. Will cut off wellhead tomorrow morning and release plugging equipment. EDPC: \$14,960ECPC: \$136,026
Aug 22, 2025	Current Operation: Well plugged. Dug out wellhead. Cut off casing 4’ BGL and topped off with 10 sacks cement. Welded metal cap on casing. Notified BLM of completion of plugging operations. RDMO all equipment. EDPC: \$4,510ECPC: \$140,536

MD
(TVD)
0



Last Updated: 1/15/2026 04:58 PM

Field Name			Lease Name			Well No.	
Livingston Ridge Delaware East			Lechuza Federal			1	
County		State			API No.		
Lea		NM			30-025-31495-0001		
Version	Version Tag						
3 Plugged							
GL (ft)	KB (ft)	Section	Township/Block		Range/Survey		
3,722.0		15	22S		32E		
Operator			Well Type		Well Status		
Strata Production Co			Oil		Plugged		
Latitude			Longitude				
32.3867607			-103.6696777				
Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From			
862	FSL	458	FWL	Section 15			
Prop Num		Spud Date		Comp. Date	Plug Date		
		1/11/1992		7/1/1992	8/22/2025		
Additional Information							
Casing cut off 4' BGL with metal plate welded on top.							
Other 1		Other 2		Other 3		Other 4	
Prepared By		Updated By			Last Updated		
jelgin		jelgin			1/15/2026 4:58 PM		
Hole Summary							
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo			
1/12/1992	17.500	0	607				
1/19/1992	11.000	607	4,482				
1/28/1992	7.875	4,482	8,695				
Tubular Summary							
Date	Description	OD (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	RL
1/12/1992	Surface Casing	13.375	54.50	J-55	0	607	C
1/19/1992	Intermediate Casing	8.625	24.00	J-55	0	4,482	C
1/28/1992	Production Casing	5.500	17.00	J-55	0	7,658	C
8/13/2025	Tubing Fish	2.785	6.50	J-55	4,200	4,585	C
Casing Cement Summary							
C	Date	No. Sx	Csg. OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
	1/28/1992	735	5.500	5,490	7,658		C
	1/28/1992	375	5.500	2,837	5,490	TOC by CBL 01/08/2025	C
	1/19/1992	375	8.625	2,924	4,488	TOC calculated	C
	1/12/1992	300	13.375	0	420		C
	1/12/1992	200	13.375	420	607		C
Tools/Problems Summary							
Date	Tool Type		OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	RL
1/28/1992	DVT, D/O		5.500	0.000	5,490	0	C
8/5/2025	CIBP		5.500	0.000	7,005	0	C
1/28/1992	GS		5.500	0.000	7,658	0	C
1/28/1992	FC		5.500	0.000	7,616	0	C
8/13/2025	Csg Part		5.500	0.000	3,100	0	C
8/18/2025	Cmt Ret		5.500	0.000	1,200	0	C
8/20/2025	Cmt Ret		5.500	0.000	607	0	C
Cement Plug Summary							
C	Date	No. Sx	OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
	8/8/2025	30	5.500	6,890	7,005		C
	8/11/2025	45	5.500	5,265	5,558		C
	8/12/2025	45	5.500	4,370	4,470		C
	8/15/2025	50	5.500	2,925	3,150		C
	8/19/2025	100	13.375	1,094	1,251		C
	8/20/2025	60	13.375	212	658		C
	8/21/2025	90	13.375	0	140		C
Perforation Summary							
C	Date	Perf. Status	Formation		OA Top (MD ft)	OA Bottom (MD ft)	RL
		Open			7,039	7,378	C
	8/18/2025	Squeezed			1,154	1,251	C
	8/20/2025	Squeezed			657	658	C
	8/21/2025	Squeezed			140	141	C
Formation Tops Summary							



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Formation	Top (TVD ft)	Comments
Rustler	890	
Top Salt	1,195	Top Salt @ 1,195' TVD
Base Salt	4,420	Base Salt @ 4,420' TVD
Lamar	4,782	
Bell Canyon	4,848	
Cherry Canyon	5,944	
Brushy Canyon	6,933	
Bone Spring	8,678	



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Field Name		Lease Name		Well No.	County	State	API No.				
Livingston Ridge Delaware East		Lechuza Federal		1	Lea	NM	30-025-31495-0001				
Version	Version Tag				Spud Date	Comp. Date	GL (ft)	KB (ft)			
3	Plugged				1/11/1992	7/1/1992	3,722.0				
Section	Township/Block	Range/Survey	Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From				
15	22S	32E	862	FSL	458	FWL	Section 15				
Operator			Well Status		Latitude		Longitude		Prop Num		
Strata Production Co			Plugged		32.3867607		-103.6696777				
Other 1		Other 2		Other 3			Other 4				
Last Updated		Prepared By			Updated By						
01/15/2026 4:58 PM		jelgin			jelgin						
Additional Information											
Casing cut off 4' BGL with metal plate welded on top.											
Hole Summary											
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo							
1/12/1992	17.500	0	607								
1/19/1992	11.000	607	4,482								
1/28/1992	7.875	4,482	8,695								
Tubular Summary											
Date	Description	No. Jts	OD (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Memo	RL	
1/12/1992	Surface Casing	16	13.375	54.50	J-55	STC	0	607		C	
1/19/1992	Intermediate Casing	109	8.625	24.00	J-55	LTC	0	4,482		C	
1/28/1992	Production Casing	241	5.500	17.00	J-55	LTC	0	7,658		C	
8/13/2025	Tubing Fish	1	2.785	6.50	J-55	EUE	4,200	4,585		C	
Casing Cement Summary											
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Shoe Jt Len. (ft)	Csg. OD (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo	RL
	1/28/1992	735	1.18	867	0	5.500	5,490	7,658			C
	1/28/1992	375	1.18	443	0	5.500	2,837	5,490		TOC by CBL 01/08/2025	C
	1/19/1992	375	1.18	443	0	8.625	2,924	4,488		TOC calculated	C
	1/12/1992	300	1.18	354	0	13.375	0	420			C
	1/12/1992	200	1.18	236	0	13.375	420	607			C
Tools/Problems Summary											
Date	Tool Type	OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo	RL			
1/28/1992	DV tool (drilled out)	5.500	0.000	5,490	0			C			
8/5/2025	Cast Iron Bridge Plug	5.500	0.000	7,005	0			C			
1/28/1992	Guide Shoe	5.500	0.000	7,658	0			C			
1/28/1992	Float Collar	5.500	0.000	7,616	0			C			
8/13/2025	Casing Part	5.500	0.000	3,100	0	Cut casing but unable to pull.		C			
8/18/2025	Cement Retainer	5.500	0.000	1,200	0			C			
8/20/2025	Cement Retainer	5.500	0.000	607	0			C			
Cement Plug Summary											
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	OD (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo	RL	
	8/8/2025	30	1.18	35.4	5.500	6,890	7,005			C	
	8/11/2025	45	1.18	53.1	5.500	5,265	5,558			C	
	8/12/2025	45	1.18	53.1	5.500	4,370	4,470			C	
	8/15/2025	50	1.18	59	5.500	2,925	3,150			C	
	8/19/2025	100	1.18	118	13.375	1,094	1,251			C	
	8/20/2025	60	1.18	70.8	13.375	212	658			C	
	8/21/2025	90	1.18	106.2	13.375	0	140			C	
Perforation Summary											
C	Date	Stage	Perf. Status	Formation		Closed Date	Memo	RL			
			Open					C			
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo				
7,039		7,045			14						
7,092		7,110			12						
7,197		7,275			26						
7,337		7,378			8						
8/18/2025		Squeezed						C			
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo				
1,154		1,155		4	4						
1,250		1,251		4	4						
8/20/2025		Squeezed						C			
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo				
657		658		4	4						
8/21/2025		Squeezed						C			



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C	Date	Stage	Perf. Status	Formation			Closed Date	Memo	RL
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo		
140		141		4	4				
Formation Top Summary									
Formation Name			Top(TVD ft)	Memo					
Rustler			890						
Top Salt			1,195						
Base Salt			4,420						
Lamar			4,782						
Bell Canyon			4,848						
Cherry Canyon			5,944						
Brushy Canyon			6,933						
Bone Spring			8,678						

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 545513

CONDITIONS

Operator: STRATA PRODUCTION CO P.O. Box 1030 Roswell, NM 882021030	OGRID: 21712
	Action Number: 545513
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	1/27/2026