		·	RE	CEIVI	ED				
	UNITED STATES DEPARTMENT OF THE INTER BUREAU OF LAND MANAGEME			ee 1 2 20 DCD AR	OMB	FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010			
SUNDRY	NOTICES AND REPO	RTS ON WELLS	S		5: Lease: Serial No. NMLC065014				
Do not use thi babandoned we	is form for proposals to II. Use form 3160-3 (AP	drill or to re-ente D) for such prop	er an osals.		6. If Indian, Allottee	e or Tribe Name			
SUBMIT IN TRI		7. If Unit or CA/Ag	reement, Name and/or No.						
 Type of Well Oil Well Gas Well Oth 		8. Well Name and N MAX FRIESS N							
2. Name of Operator LINN OPERATING INC	Contact: E-Mail: tcallahan@	HAN	9. API Well No. 30-015-05459						
3a. Address 600 TRAVIS, SUITE 5100 HOUSTON, TX 77002			10. Field and Pool, or Exploratory GRAYBURG JACKSON;SR-Q-G-S						
4. Location of Well (Footage, Sec., T.					11. County or Parish, and State				
Sec 30 T17S R31E Mer NMP 32.810969 N Lat, 103.906949		L			EDDY COUN	τΥ, ΝΜ			
12. CHECK APPF	ROPRIATE BOX(ES) TO	O INDICATE NA	TURE OF N	NOTICE, RE	PORT, OR OTH	ER DATA			
TYPE OF SUBMISSION	OF SUBMISSION TYPE OF ACTION								
Notice of Intent	□ Acidize	🗖 Deepen		Producti	on (Start/Resume)	UWater Shut-Off			
Subsequent Report	Alter Casing	Fracture '		🗖 Reclama		Well Integrity			
	Casing Repair	🗖 New Con		Recomp		Other			
Final Abandonment Notice	 Change Plans Convert to Injection 	Plug and Plug Back		Tempora Tempora Water D	irily Abandon isposal				
13. Describe Proposed or Completed Ope If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi	ally or recomplete horizontally, rk will be performed or provide l operations. If the operation re bandonment Notices shall be fil	give subsurface locati the Bond No. on file v sults in a multiple com	ons and measu with BLM/BIA pletion or reco	red and true ver . Required sub proletion in a n	tical depths of all pert sequent reports shall t ew interval, a Form 3 , have been completed	tinent markers and zones. be filed within 30 days 160-4 shall be filed once d, and the operator has			
PROPOSED PLUGGING & Al		DNS:			Accept 12D	ted for record			
1. MIRU PA RIG. POOH W/ I TAG NO DEEPER THAN 2500 2. PRESSURE TEST CSG. (I CMT SQZ AS NECESSARY).	0'. (PERFS, 5" CSG SH(IN EVENT OF PRESSUF	DE & 2-7/8" LINEF RE LOSS, LOCATE	TOP). CSG LEAI	KS. LEAKS	S CMT. WOC &	SSED W/			
 CMT SQZ AS NECESSARY). PERF @ 1910' AND SQZ 30 PERF @ 575' AND SQZ 30 PERF @ 60' AND CIRC CM CUT OFF WELLHEAD, AN 	ICHORS AND INSTALL (GROUND LEVEL I	MARKER.		7.0	fert @ 1300's ant To 1200: n an			
ATTACAMENTS: CURRENT	AND PROPOSED WELL	BORE DIAGRAM	S	SEE A	TTACHED F	OR			
cound level Dry	Hole Marker	Required		COND	ITIONS OF	APPROVAL			
14. I hereby certify that the foregoing is	Electronic Submission #	227310 verified by 1 DPERATING INC, s	he BLM Wel	I Information	SystemRECLAMA	TION PROCEDURE			
Name(Printed/Typed) TERRY B	Committed to AFMSS f		URT SIMMO	NS on 12/02/2	O13 () A	TTACHED			
Signature (Electronic S	Submission)	Date	11/19/20	013					
Signature (Electronic S	Submission) THIS SPACE FO				E	<u></u>			
		DR FEDERAL O	RSTATE		E	/2-7-/3 Date			
Signature (Electronic S Approved By Conditions of approval, if any, are attached ertify that the applicant holds legal or equi- which would entitle the applicant to condu	THIS SPACE FO	DR FEDERAL O	R STATE		E	/2-7-/3 Date			

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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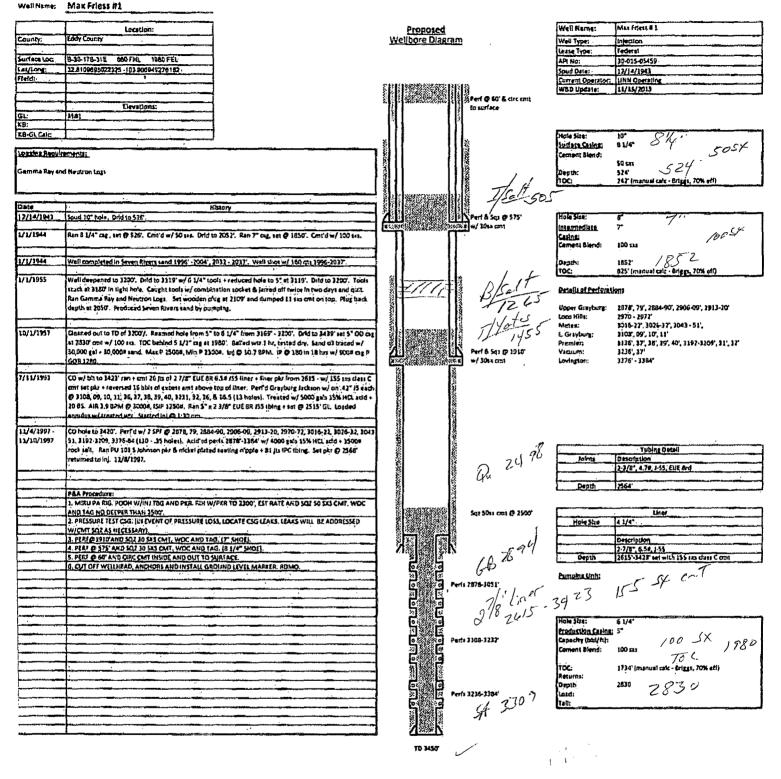
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Well Name: Max Friess #1

V4 81) (141118;	WIGA (11525 #1								
				C				Weil Name;	Max Friess # 1
County:	Location: Eddy County		14/01		rent_				
County.			wei	innði é	e Diagra	111		Well Type:	Injection
turden ton								Lesse Type:	Føderal
Surface Loc	8-30-175-31E 660 FML 1980 FEL							API No:	30-015-05459
Lat/Long:	32 8109668022325 -103,906949276182							Spud Date:	12/14/1943
Fleid:								Current Operator:	UNN Operating
				- 1		11		WBD Update:	5/10/2012
						11			
	Elevations:				1	ш			
GL:	3581					11			
KB:			111		1 1	11			
#8-GL Calc:						11		Hole Size:	10"
		. 8			1 1		2	Surface Casing;	B 1/4"
Louint Result						18	8	Carpent Biend:	
C	d Manufacture & and	ŝ	111	- 1	1 1	11	8		50 sta
Gamma Ray ani	a searchest rolls	1.2			1			Returns:	Dani (
					1	11	8	TOC:	242' (manual calc - Briggs, 70% eff)
		ן ג		- 1	1	11			
Date	History	n äl	111	1	1 1	11	\$ 		
12/14/1943	Spud 10" hole. Drid to 526'	13	111		1			tinte final	
	1990 St. 1999. OF D 10 320	1 4	11			10	5 et @ 524'	Hole Size:	8
1/1/1944	Ran 8 1/4" csg., set @ 526'. Cmt'd w/ 50 sxs. Dild to 2052'. Ran 7" csg. set @ 1850'. Cmt'd w/ 100 sxs.	1	11	1	1			Intermediate	7*
1	and the second	1	11		1	1		Casing:	100 ere
		1	11		1	1		Cement Blend:	100 sxs
1/1/1944	Well completed in Seven Rivers Land 1996' - 2004', 2032 - 2037'. Well shot w/ 160 gts 1996-2037'.	1			1			Batturna	
		1						Returns: TOC:	875' (manual rate . Origen TON -44
1/1/1955	Well deepened to 3200". Drid to 3119" w/ 6 1/4" tools + reduced hole to 5" at 3119", Drid to 3200". Tools	1	a1		1	8			825' (manual cale - Briggs, 70% eff)
	stuck at 3180' in tight hole. Caught tools w/ combination socket & jarred off twice in two days and guit.		8 I.		1 1	8		Details of Bostowell	
	Ran Gamma Ray and Neutron Logs. Set wooden plug at 2109' and dumped 11 sits cmt on top. Plug back	1	/			Ŭ.		Details of Perforati	X11
	depth at 2050'. Produced Seven Rivers sand by pumping.		3 I			ĝ.		Upper Grayburg:	2878', 79', 2884-90', 2906-09', 2913-20'
		1	81 I	1	1	18		Loco Hills:	2970 - 2972
		1	8 I I		1	8		Metex:	3016-22', 3026-32', 3043 - 51',
10/1/1957	Cleaned out to TO of 3200'/. Reamed hole from 5" to 6 1/4" from 3169' - 3200'. Orld to 3439' set 5" OD	1	š					L Grayburg:	3108', 09', 10', 11'
1	csg at 2830' cmt w/ 100 sxs. TOC behind 5 1/2" csg at 1980'. Balled wir 1 hr, tested dry. Sand oll traced					÷ ()		Premier:	3136', 37', 38', 39', 40', 3192-3209', 31', 32'
5	w/ 30,000 gal + 30,000# sand. Max P 2500#, Mis P 2300#. Inj @ 30.7 8PM. IP @ 180 in 18 hrs w/ 900# ca		X 1	. 1		ĸ	set @ 1852'	Vacuum:	3236', 37'
	P.G.OR 1280	1		5		ġ.		Lovington:	3376' - 3384'
		1	- 28	1		2			
7/11/1992	CD w/ bh to 3423' ran + cmt 26 its of 2 7/8" EUE BR 6.54 J55 liner + liner ptr from 2615 - w/ 155 sxs class C		- 81	1		<u> </u>			
1	cmt set pix + reversed 15 bbls of excess amt above top of liner. Peri'd Grayburg Jackson w/ on .42° 15 each		3	1		2			
1	# 3108. 09, 10, 11, 36, 37, 38, 39, 40, 3231, 32, 36, & 36.5 (13 holes). Treated w/ 5000 gais 15% HCL add		8	- 1		8			
1	+ 20 ES. AIR 3.9 BPM @ 30004, ISIP 12504. Ran 5" x 2 3/8" EUE BR ISS thing + set @ 2515' GL Loaded		- 20	1		8			
I	annulus w/ treated wir. Started Ini @ 1-30 nm		- 3			8			
]		1		ŝ.			
11/4/1997 -	CO hole to 3420'. Perf'd w/ 2 SPF @ 2878, 79, 2884-90, 2906-09, 2913-20, 2970-72, 3016-22, 3026-32,		8			8			
11/10/1997	3043-51, 3192-3209, 3376-84 (13035 holes). Acid'zd perfs 2878'-3384' w/ 4000 gais 15% HCL acid +	E I	<u> 8</u>	1		8			
i	3500# rock salt. Ran PU 101 5 Johnson pkr & nickel platod seating nipple + 81 jts IPC thing. Set pkr @					8			Tubing Detail
l	2568' returned to inj. 12/8/1997.		- 81			8		Joints	Description
		1	- 22		1 1	8			2-3/8", 4.79, 1-55, EUE Brd
		4	20			8			
		1	- 81	1		8		Depth	2564'
		1	000000000000000000000000000000000000000			Ő.			
		ł	- SL	1000	CONTRACTOR OF	8	1.h	r	
[ł	- 8 F	協議		S.	Johnson 1015 Phr		Liner
		ł	%			8	@2565'	Hole Size	4_1/4"
		1	- 8 H	200		ŝ]			Presentation
		1	- X	%	- 188 k	3	and on an # Jane		Description
[1	60	*	1880 L	4	prod cug set @ 2830'	Depth	2-7/8", 6.58, 3-55 2615'-3423' set with 155 3x5 class Comt
		1		6	े व े कि व र		2878'-2890'	L Prepto	
		1		a	Ē			Pumping Unit:	
		1		6	ä		2913-2972	CHINA MILL	
		1		20	Š				
		1		6	۲ä		3016'-3051'		
		1		51	Ē				
		1		L,			3108'-3111'	Hole Size:	61/4"
[1		5	2			Production Casing;	
		1		6	ا م ^ا		3136'-3140'	Capacity (bbl/tt):	-
1		1		3	Ľ,				100 sats
		1		٦	ä		3192'-3232'	CALIBRIT CHERKE:	too ses
		1		3	ต้			TDG	1734' (manual calc - Briggs, 70% eff)
		1		8	18			Returns:	anan (manan cas, - traffic) tage (()
		1		6	a		3236'-3237'	Depth	2830
I		1		21	10			tendi	
		1		6	والأواسا والساولا والا		3376'-3384'	Toil:	
		1		۲	Ē				
		1		3	E B				
		1		7	Ň		2 7/8" liner @ 2615 -3	423'	
		•		6	<u> </u>				
				TD	3450'				

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BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. <u>Notification</u>: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. <u>Mud Requirement</u>: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

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Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

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6. <u>Dry Hole Marker</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. <u>Subsequent Plugging Reporting</u>: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. <u>Show date well was plugged.</u>

8. <u>Trash</u>: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation procedure.

Requirements for dry hole markers in Prairie Chicken Habitat <u>Well Identification Markers</u> Conditions of Approval (COA)

The BLM Carlsbad Field Office (CFO) Conditions of Approval (COA) have required that ground level dry hole markers be placed on wells within the Lesser Prairie Chicken habitat area. Onshore Order 2.III.G.10 allows for surface caps to be installed at the base of the cellar of a minimum of 3 feet below the restored ground level. Therefore, these markers shall be set a minimum of 3 feet below the restored ground level. All markers shall be identified by GPS coordinates.

The dry hole markers will be to the following specifications. The operator will construct the markers as follows:

- 1. A steel plate 1/4 inch thick shall be placed on the wellbore, welded in place and with a weep hole.
- 2. Aluminum data plates may be bolted to the steel plate with minimum ¼ inch bolts and locking nuts or self tapping fine threaded screws. A minimum of one in each corner is to be installed on each plate.
- 3. An 8 inch x 8 inch aluminum plate, which is 12 gauge or .080 sign material (1/8 inch aluminum plate may be used in place of the .080 plate) with the required information for that well stamped or engraved in a minimum 3/8 inch tall letter or number.
- 4. The following information will be stamped or engraved on the 8 inch X 8 inch aluminum plate in the following order.
 - a. First row: Operator's name
 - b. Second row: Well name and number
 - c. Third row: Legal location to include ¼ ¼, Section, Township, and range. If the legal location cannot be placed on one row it can be split into two rows with the ¼ ¼ (example: 1980 FNL 1980 FWL) being on the top row.
 - d. Fourth row: Lease Number and API number.
 - i. Example marker plate: (attached)

Notification to NMOCD of this marker type will be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground level dry hole marker was installed and GPS coordinates recorded as required in the COAs from the BLM.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its predisturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, redistribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

- The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
- 2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
- 4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you
- have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation

equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

- 5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
- 6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
- 7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Inspection & Enforcement

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Jim Amos Supervisory Environmental Protection Specialist 575-234-5909, 575-361-2648 (Cell)

Mike Burton Environmental Protection Specialist 575-234-2226

Jeffery Robertson Natural Resource Specialist 575-234-2230

Jennifer Van Curen Environmental Protection Specialist 575-234-5905

Doug Hoag Civil Engineering Technician 575-234-5979

Linda Denniston Environmental Protection Specialist 575-234-5974

Solomon Hughes Natural Resource Specialist 575-234-5951

Permitting

Cody Layton Natural Resource Specialist 575-234-5959

Trishia Bad Bear Natural Resource Specialist 575-393-3612

Todd Suter Surface Protection Specialist 575-234-5987

Tanner Nygren Natural Resource Specialist 575-234-5975

Amanda Lynch Natural Resource Specialist 575-234-5922

Legion Brumley Environmental Protection Specialist 575-234-5957

<u>Realty, Compliance</u> Randy Pair Environmental Protection Specialist 575-234-6240

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