

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

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

WELL API NO. 30-025-45089
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Commander
8. Well Number #2H
9. OGRID Number 372938
10. Pool name or Wildcat Carter; San Andres, South

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" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator Joint Resources Company	
3. Address of Operator 5416 Birchman Avenue, Fort Worth, TX 76107	
4. Well Location Unit Letter O : 600 feet from the S line and 1520 feet from the E line Section 31 Township 17S Range 39E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3632' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒ TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ DOWNHOLE COMMINGLE ☐ CLOSED-LOOP SYSTEM ☐ OTHER: ☐	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐ OTHER: ☐
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- Set 5 1/2" CIBP @ 4700'. Circ hole w/ MLF. Pressure test csg. Spotted 25 sx cmt @ 4700-4500'.
- Spot 25 sx cmt @ 3265-3065'. WOC & Tag (B/Salt)
- Perf & Sqz 50 sx cmt @ 2253-2053'. WOC & Tag (9 5/8" Shoe & T/Salt)
- Perf & Sqz 50 sx cmt @ 200' to surface.
- Cut off wellhead, verify cmt at surface, weld on Dry Hole Marker.

4" Diameter 4' tall above ground marker

See attached conditions of approval

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE _____ TITLE _____ DATE _____

Type or print name _____ E-mail address: _____ PHONE: _____

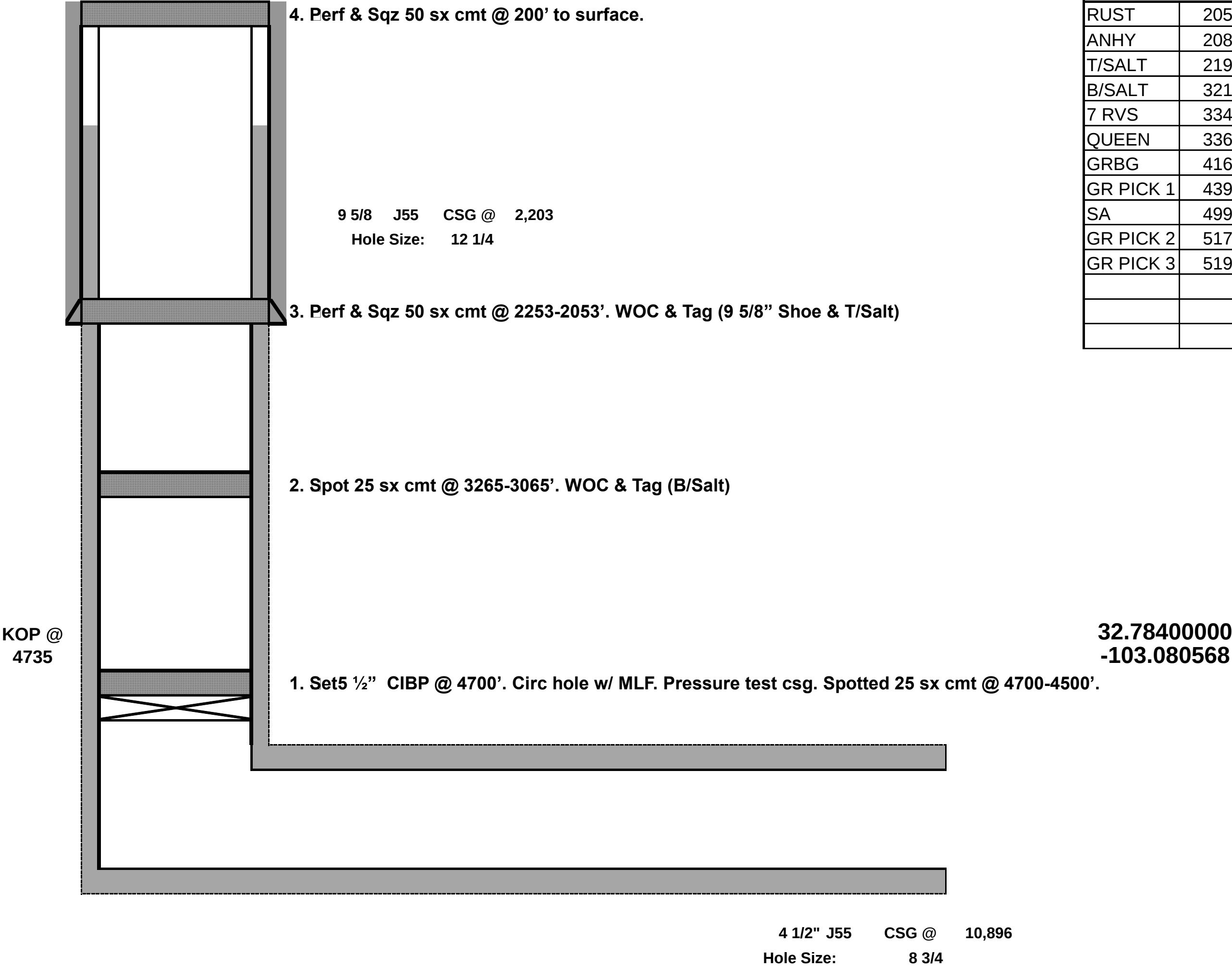
For State Use Only

APPROVED BY: Kerry Fortner TITLE: Compliance Officer A DATE: 5/1/23
 Conditions of Approval _____

Joint Resources Company		PROPOSED	
Author:	Abby BCM	Well No.	#2H
Well Name	Commander	API #:	30-025-45089
Field/Pool	South Carter, SA	Location:	Sec 31, T17S, R39E
County	Lea		600 FSL, 1520 FEL
State	NM	GL:	3632
Spud Date	8/25/2018		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	9 5/8	J55	40#	2,203	12 1/4	900	0
Prod Csg	5 1/2	L80	20#	10,896	8 3/4	2,607	800

Formation	Top
RUST	2054
ANHY	2081
T/SALT	2194
B/SALT	3214
7 RVS	3340
QUEEN	3361
GRBG	4160
GR PICK 1	4392
SA	4996
GR PICK 2	5170
GR PICK 3	5196



CONDITIONS FOR PLUGGING AND ABANDONMENT

OCD - Southern District

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office II at (575)-263-6633 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down. Company representative will be on location during plugging procedures.

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water will not be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.

16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).
19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
 - A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E) Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - I) Glorieta
 - J) Yates.
 - K) Cherry Canyon - Eddy County
 - L) Potash---(In the R-111-P Area (Page 3 & 4), a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing

DRY HOLE MARKER REQUIREMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name 2. Lease and Well Number 3. API Number 4. Unit Letter 5. Quarter Section (feet from the North, South, East or West) 6. Section, Township and Range 7. Plugging Date 8. County (SPECIAL CASES)-----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

R-111-P Area

T 18S – R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

T 19S – R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23. Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

T 19S – R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec 10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec 24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32 Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

T 19S – R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

T 20S – R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec 23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit A-H. Sec 36 Unit B-G.

T 20S – R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P. Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

T 20S – R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P. Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

T 21S – R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec 23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

T 21S – R 30E

Sec 1 – Sec 36

T 21S – R 31E

Sec 1 – Sec 36

T 22S – R 28E

Sec 36 Unit A,H,I,P.

T 22S – R 29E

Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S – R 30E

Sec 1 – Sec 36

T 22S – R 31E

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25 Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

T 23S – R 28E

Sec 1 Unit A

T 23S – R 29E

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33 Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S – R 30E

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec 33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S – R 31E

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec 34. Sec 35 Unit C,D,E.

T 24S – R 29E

Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S – R 30E

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11. Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

T 24S – R 31E

Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec 35 Unit E – P. Sec 36 Unit E,K,L,M,N.

T 25S – R 31E

Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

Submit a Copy To Appropriate District
Office
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1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-025-45089	
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Commander	
8. Well Number #2H	
9. OGRID Number 372938	
10. Pool name or Wildcat Carter; San Andres, South	
4. Well Location Unit Letter O : 600 feet from the S line and 1520 feet from the E line Section 31 Township 17S Range 39E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3632' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

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- Perf & Sqz 50 sx cmt @ 200' to surface.
- Cut off wellhead, verify cmt at surface, weld on Dry Hole Marker.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE _____ TITLE _____ DATE _____

Type or print name _____ E-mail address: _____ PHONE: _____

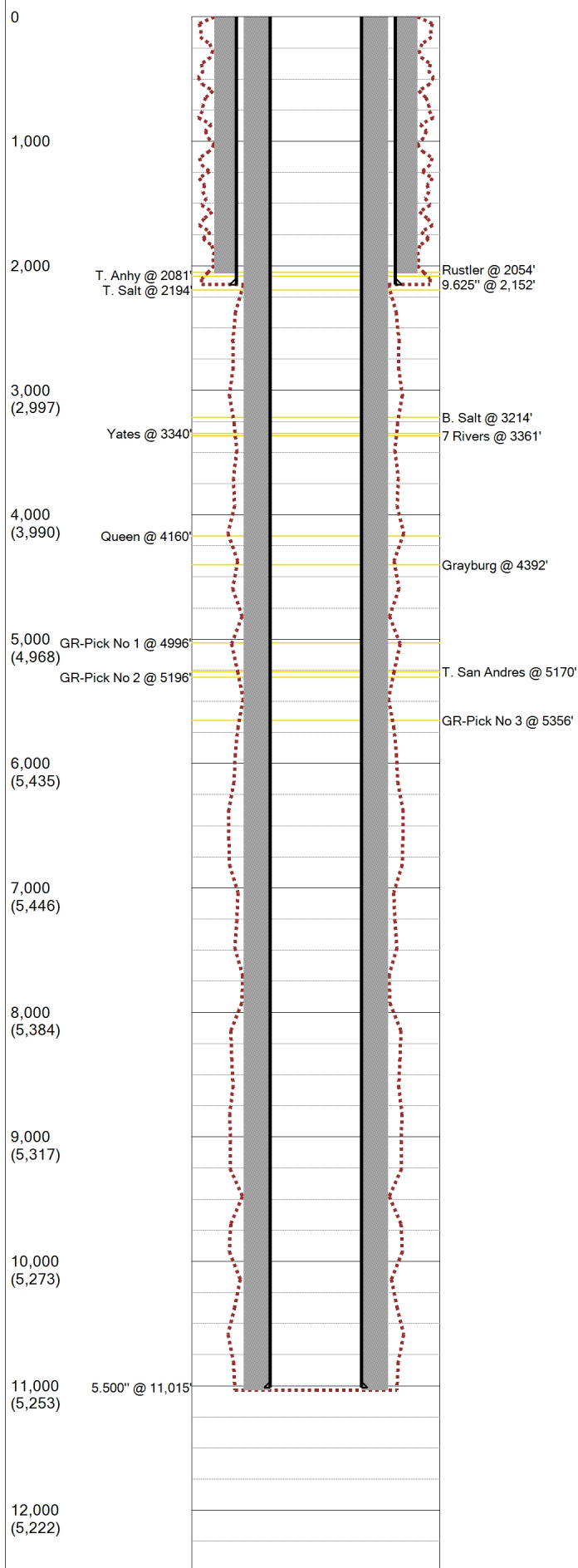
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

R

Last Updated: 10/12/2018 02:27 PM



Field Name			Lease Name			Well No.		
South Carter; San Andres			Commander			2H		
County			State			API No.		
Lea			New Mexico			30025450890000		
Version		Version Tag						
1								
GL (ft)		KB (ft)	Section	Township/Block		Range/Survey		
3,632.0		3,649.0	31	17S		39E		
Operator			Well Status		Latitude		Longitude	
Joint Resources					32.78400000		-103.08056800	
Dist. N/S (ft)		N/S Line	Dist. E/W (ft)		E/W Line	Footage From		
600		FSL	1520		FEL			
Prop Num				Spud Date		Comp. Date		
Additional Information								
Other 1		Other 2		Other 3		Other 4		
Prepared By			Updated By			Last Updated		
Troy Barber			Troy Barber			10/12/2018 2:27 PM		
Hole Summary								
Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments				
	12.250	0	2,152					
	8.750	2,152	11,036					
Tubular Summary								
Date	Description		O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	
	Surface Casing		9.625	40.00	J-55	0	2,152	
	Production Casing		5.500	20.00	L-80	0	11,015	
Casing Cement Summary								
C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments		
		604	9.625	0	2,061			
		3,000	5.500	0	11,036			
Formation Tops Summary								
Formation			Top (TVD ft)		Comments			
Rustler			2,054					
T. Anhy			2,081					
T. Salt			2,194					
B. Salt			3,214					
Yates			3,340					
7 Rivers			3,361					
Queen			4,160					
Grayburg			4,392					
GR-Pick No 1			4,996					
T. San Andres			5,170					
GR-Pick No 2			5,196					
GR-Pick No 3			5,356					

Last Updated: 10/12/2018 02:27 PM

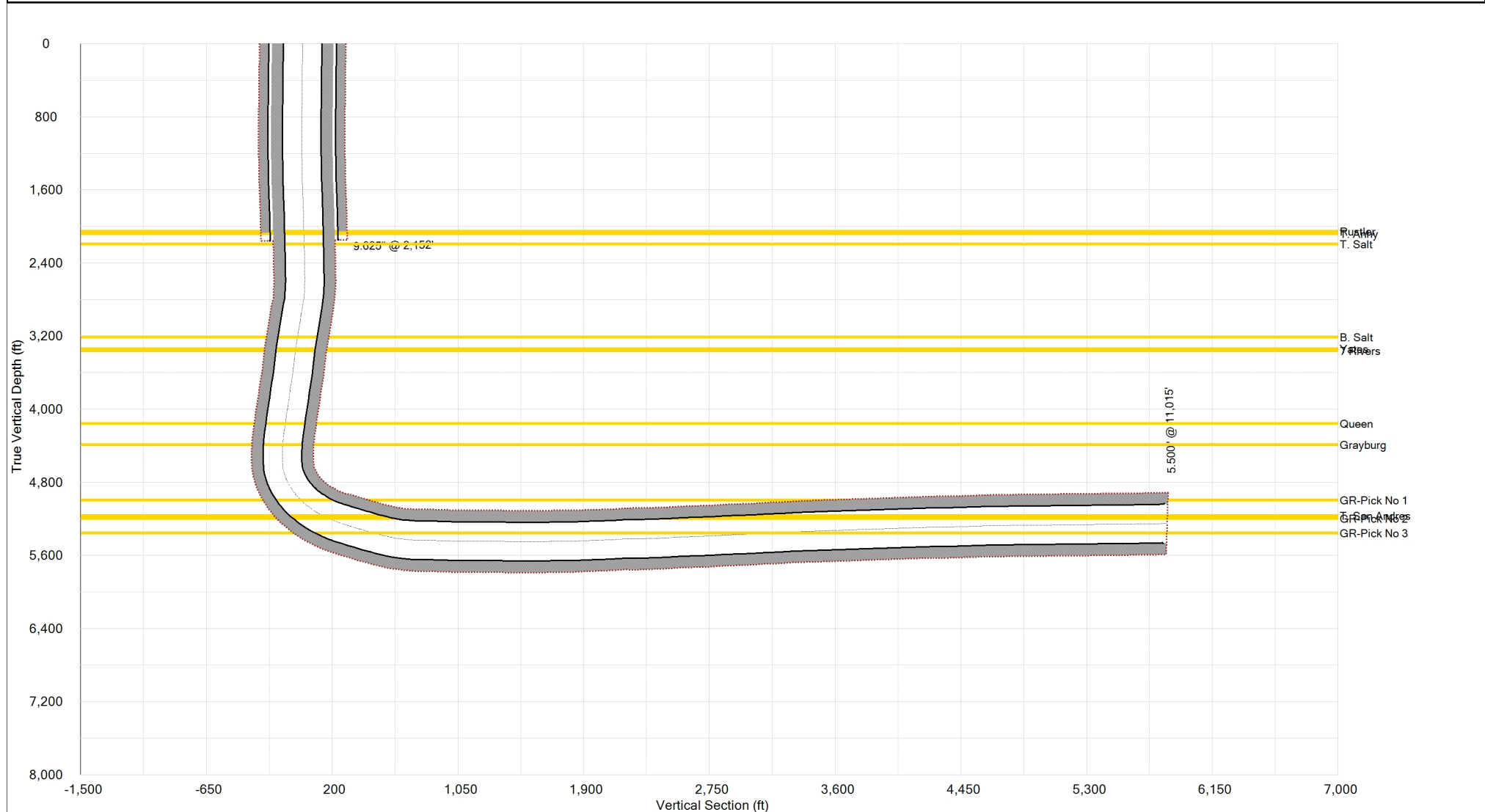
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Field Name		Lease Name		Well No.		County		State		API No.		
South Carter; San Andres		Commander		2H		Lea		New Mexico		30025450890000		
Version	Version Tag						Spud Date		Comp. Date		GL (ft)	KB (ft)
1											3,632.0	3,649.0
Section	Township/Block		Range/Survey		Dist. N/S (ft)		N/S Line	Dist. E/W (ft)		E/W Line	Footage From	
31	17S		39E		600		FSL	1,520		FEL		
Operator				Well Status				Latitude		Longitude		Prop Num
Joint Resources								32.78400000		-103.08056800		
Other 1			Other 2			Other 3			Other 4			
Last Updated				Prepared By				Updated By				
10/12/2018 2:27 PM				Troy Barber				Troy Barber				
Additional Information												
Hole Summary												
Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments								
	12.250	0	2,152									
	8.750	2,152	11,036									
Tubular Summary												
Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Comments			
	Surface Casing	54	9.625	40.00	J-55		0	2,152				
	Production Casing	259	5.500	20.00	L-80		0	11,015				
Casing Cement Summary												
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments			
		604	1.00	1,005	9.625	0	2,061	RU BJ Cementers Lead w/750 sxs Class "C" + additives @ 13.6 ppg; Tail w/300 sxs Class "C" @ 14.8 ppg. Full Returns – Cement to Surface. Circ out 446 sxs (135 bbls).				
		3,000	1.00	3,000	5.500	0	11,036	RU BJ Cementers. Pumped 20 bbls FW spacer, lead w/1000 sxs Class "C" 50/50 POZ and tail with 2000 sxs Class "H" 50/50 POZ. Dropped plug, pumped 244 bbls FW displacement. Bump plug, final circ 1300 psi, bumped plug to 1850 psig. Not able to calculate hole size because cement not circ to surface. Pumped volume of cement for 11.5" hole.				
Formation Top Summary												
Formation Name		Top(TVD ft)		Comments								
Rustler		2,054										
T. Anhy		2,081										
T. Salt		2,194										
B. Salt		3,214										
Yates		3,340										
7 Rivers		3,361										
Queen		4,160										
Grayburg		4,392										
GR-Pick No 1		4,996										
T. San Andres		5,170										
GR-Pick No 2		5,196										
GR-Pick No 3		5,356										

Last Updated: 10/12/2018 02:27 PM

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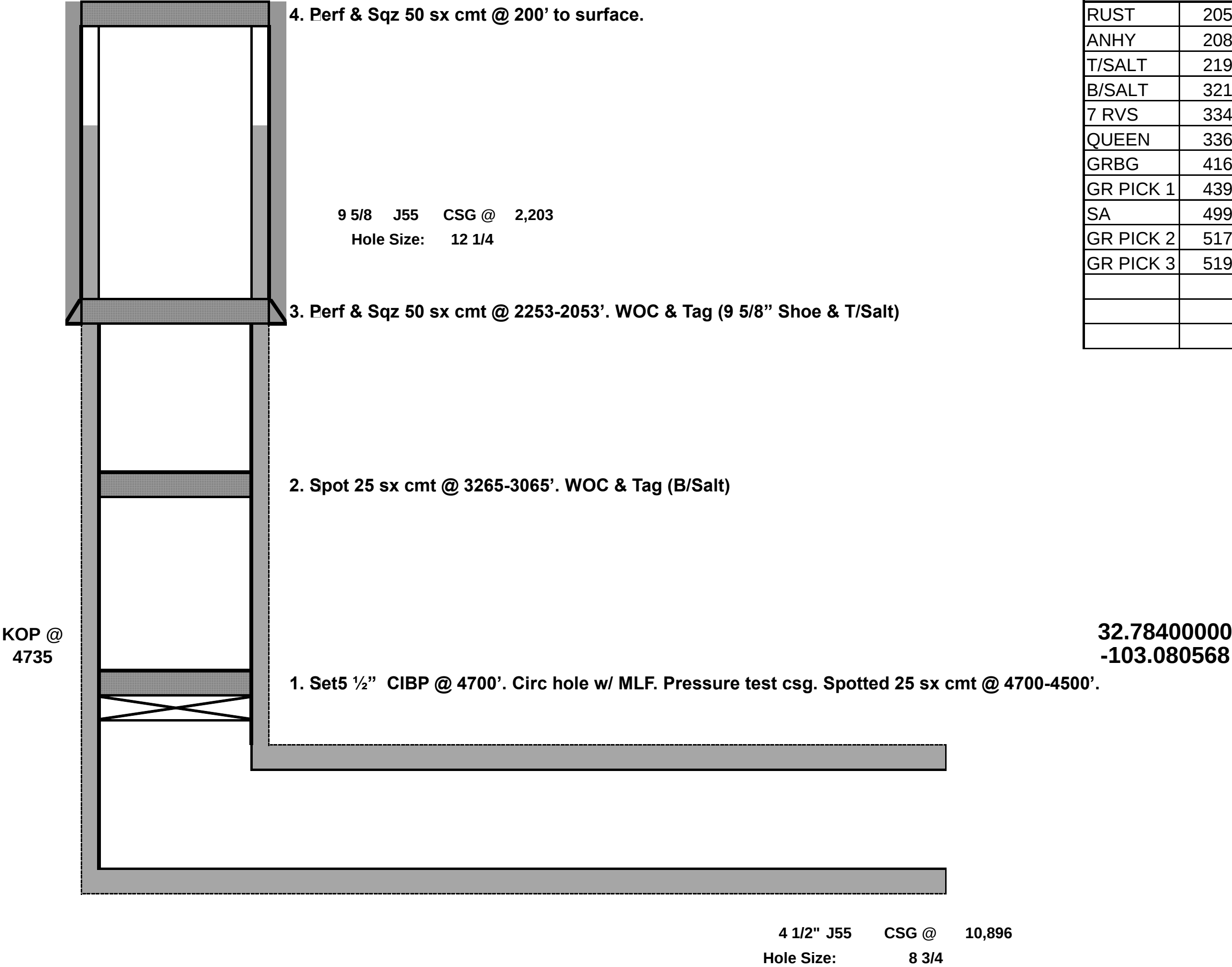
Field Name			Lease Name				Well No.		County		State		API No.	
South Carter; San Andres			Commander				2H		Lea		New Mexico		30025450890000	
Version	Version Tag						Spud Date		Comp. Date		G.L. (ft)		K.B. (ft)	
1											3,632.0		3,649.0	
Sec.	Township/Block		Range/Survey		Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From		Latitude		Longitude	
31	17S		39E		600	FSL	1520	FEL			32.78400000		-103.08056800	
Well Status		PropNum		Operator		Last Updated				Prepared By		Updated By		
				Joint Resources		10/12/2018 2:27:18 PM				Troy Barber		Troy Barber		
Additional Information														



Joint Resources Company		PROPOSED	
Author:	Abby BCM	Well No.	#2H
Well Name	Commander	API #:	30-025-45089
Field/Pool	South Carter, SA	Location:	Sec 31, T17S, R39E
County	Lea		600 FSL, 1520 FEL
State	NM	GL:	3632
Spud Date	8/25/2018		

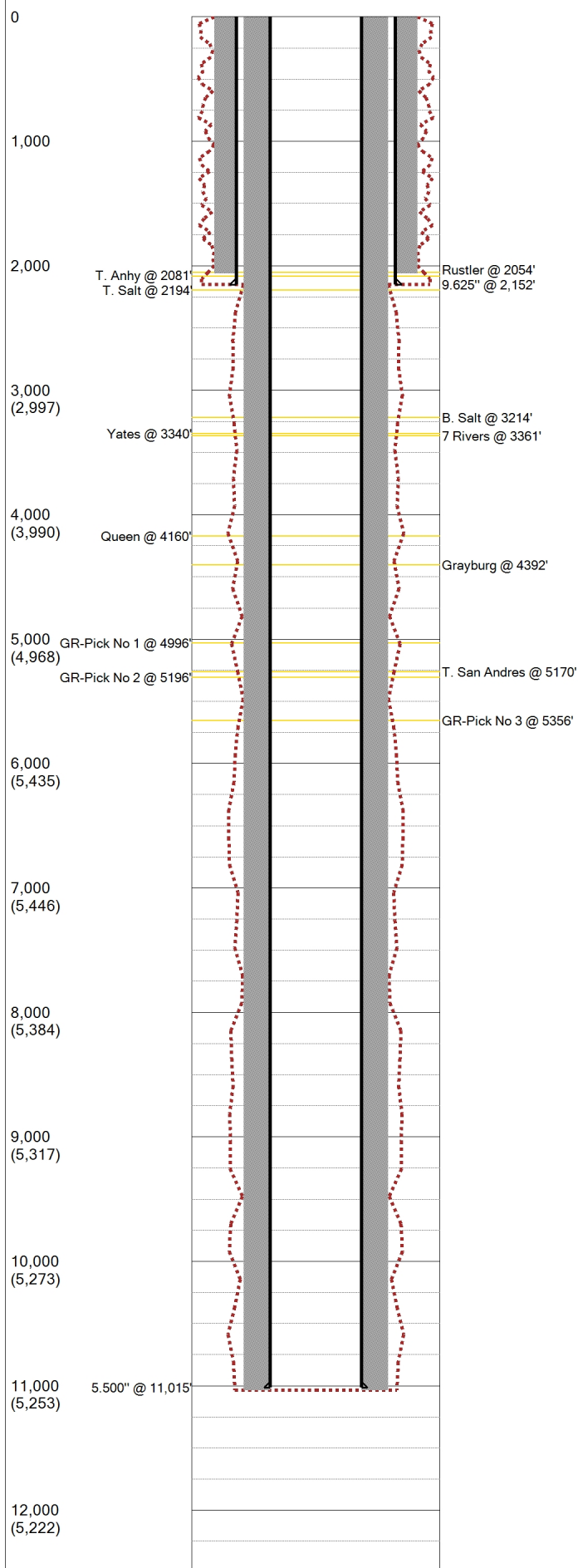
Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	9 5/8	J55	40#	2,203	12 1/4	900	0
Prod Csg	5 1/2	L80	20#	10,896	8 3/4	2,607	800

Formation	Top
RUST	2054
ANHY	2081
T/SALT	2194
B/SALT	3214
7 RVS	3340
QUEEN	3361
GRBG	4160
GR PICK 1	4392
SA	4996
GR PICK 2	5170
GR PICK 3	5196



R

Last Updated: 10/12/2018 02:27 PM



Field Name			Lease Name			Well No.		
South Carter; San Andres			Commander			2H		
County			State			API No.		
Lea			New Mexico			30025450890000		
Version		Version Tag						
1								
GL (ft)		KB (ft)	Section	Township/Block		Range/Survey		
3,632.0		3,649.0	31	17S		39E		
Operator			Well Status		Latitude		Longitude	
Joint Resources					32.78400000		-103.08056800	
Dist. N/S (ft)		N/S Line	Dist. E/W (ft)		E/W Line	Footage From		
600		FSL	1520		FEL			
Prop Num				Spud Date		Comp. Date		
Additional Information								
Other 1		Other 2		Other 3		Other 4		
Prepared By			Updated By			Last Updated		
Troy Barber			Troy Barber			10/12/2018 2:27 PM		
Hole Summary								
Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments				
	12.250	0	2,152					
	8.750	2,152	11,036					
Tubular Summary								
Date	Description		O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	
	Surface Casing		9.625	40.00	J-55	0	2,152	
	Production Casing		5.500	20.00	L-80	0	11,015	
Casing Cement Summary								
C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments		
		604	9.625	0	2,061			
		3,000	5.500	0	11,036			
Formation Tops Summary								
Formation			Top (TVD ft)		Comments			
Rustler			2,054					
T. Anhy			2,081					
T. Salt			2,194					
B. Salt			3,214					
Yates			3,340					
7 Rivers			3,361					
Queen			4,160					
Grayburg			4,392					
GR-Pick No 1			4,996					
T. San Andres			5,170					
GR-Pick No 2			5,196					
GR-Pick No 3			5,356					

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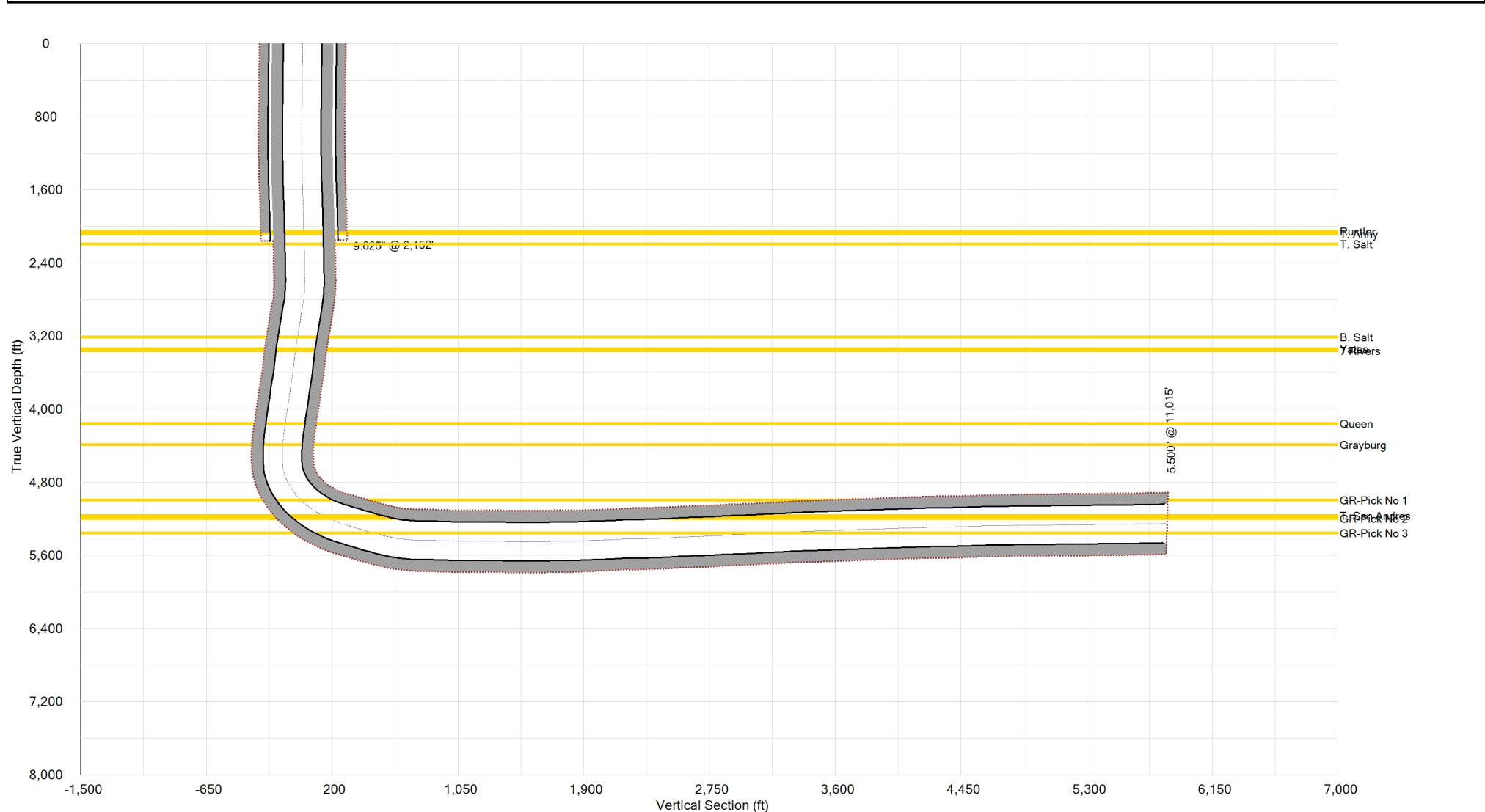
R

Field Name		Lease Name		Well No.		County		State		API No.		
South Carter; San Andres		Commander		2H		Lea		New Mexico		30025450890000		
Version	Version Tag						Spud Date		Comp. Date		GL (ft)	KB (ft)
1											3,632.0	3,649.0
Section	Township/Block		Range/Survey		Dist. N/S (ft)		N/S Line	Dist. E/W (ft)		E/W Line	Footage From	
31	17S		39E		600		FSL	1,520		FEL		
Operator				Well Status				Latitude		Longitude		Prop Num
Joint Resources								32.78400000		-103.08056800		
Other 1			Other 2			Other 3			Other 4			
Last Updated				Prepared By				Updated By				
10/12/2018 2:27 PM				Troy Barber				Troy Barber				
Additional Information												
Hole Summary												
Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments								
	12.250	0	2,152									
	8.750	2,152	11,036									
Tubular Summary												
Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Comments			
	Surface Casing	54	9.625	40.00	J-55		0	2,152				
	Production Casing	259	5.500	20.00	L-80		0	11,015				
Casing Cement Summary												
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments			
		604	1.00	1,005	9.625	0	2,061	RU BJ Cementers Lead w/750 sxs Class "C" + additives @ 13.6 ppg; Tail w/300 sxs Class "C" @ 14.8 ppg. Full Returns – Cement to Surface. Circ out 446 sxs (135 bbls).				
		3,000	1.00	3,000	5.500	0	11,036	RU BJ Cementers. Pumped 20 bbls FW spacer, lead w/1000 sxs Class "C" 50/50 POZ and tail with 2000 sxs Class "H" 50/50 POZ. Dropped plug, pumped 244 bbls FW displacement. Bump plug, final circ 1300 psi, bumped plug to 1850 psig. Not able to calculate hole size because cement not circ to surface. Pumped volume of cement for 11.5" hole.				
Formation Top Summary												
Formation Name		Top(TVD ft)		Comments								
Rustler		2,054										
T. Anhy		2,081										
T. Salt		2,194										
B. Salt		3,214										
Yates		3,340										
7 Rivers		3,361										
Queen		4,160										
Grayburg		4,392										
GR-Pick No 1		4,996										
T. San Andres		5,170										
GR-Pick No 2		5,196										
GR-Pick No 3		5,356										

Last Updated: 10/12/2018 02:27 PM

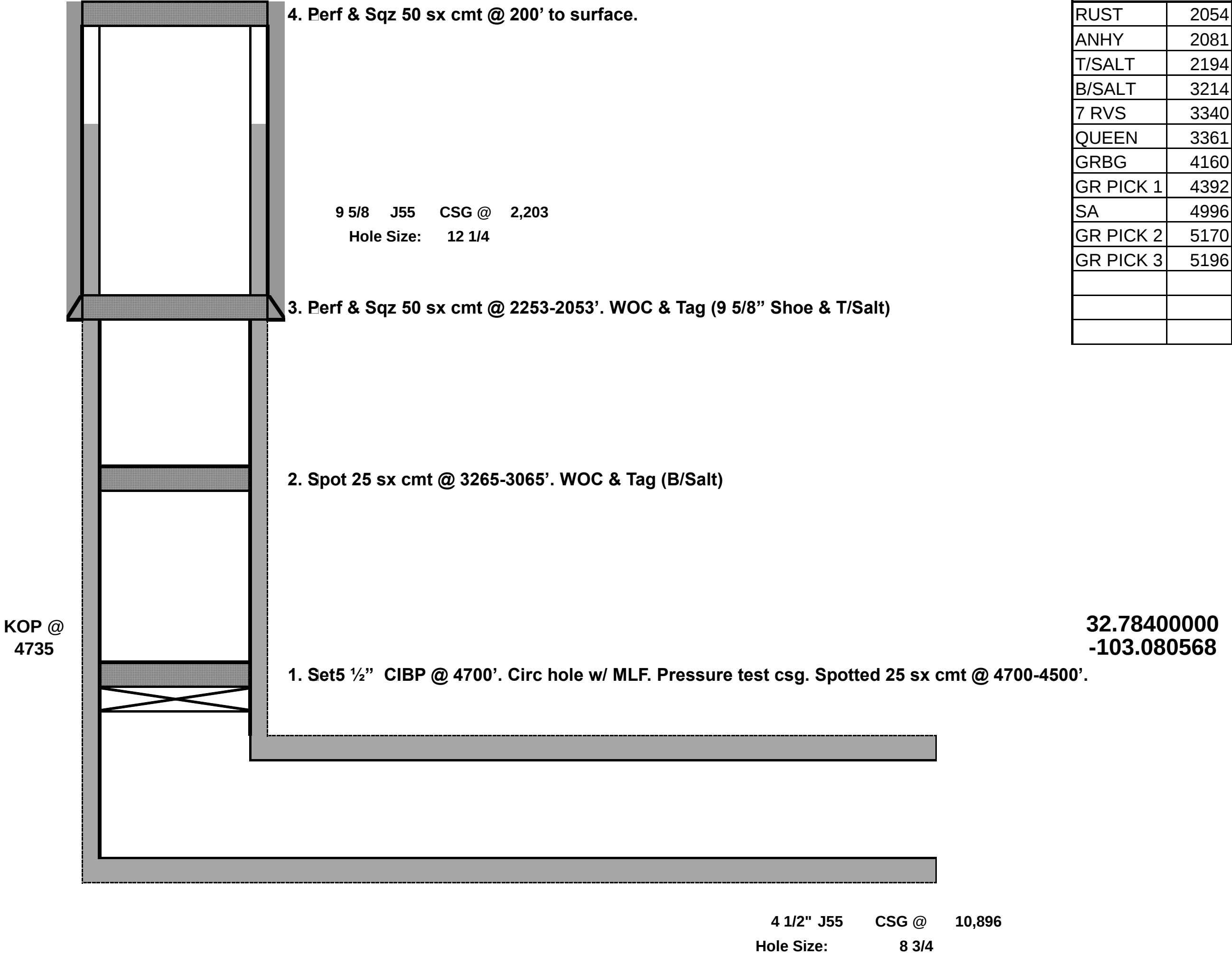
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Field Name		Lease Name				Well No.		County		State		API No.	
South Carter; San Andres		Commander				2H		Lea		New Mexico		30025450890000	
Version	Version Tag					Spud Date		Comp. Date		G.L. (ft)		K.B. (ft)	
1										3,632.0		3,649.0	
Sec.	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From		Latitude		Longitude		
31	17S	39E	600	FSL	1520	FEL			32.78400000		-103.08056800		
Well Status		PropNum		Operator		Last Updated			Prepared By		Updated By		
				Joint Resources		10/12/2018 2:27:18 PM			Troy Barber		Troy Barber		
Additional Information													



Joint Resources Company		PROPOSED	
Author:	Abby BCM	Well No.	#2H
Well Name	Commander	API #:	30-025-45089
Field/Pool	South Carter, SA	Location:	Sec 31, T17S, R39E
County	Lea		600 FSL, 1520 FEL
State	NM	GL:	3632
Spud Date	8/25/2018		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	9 5/8	J55	40#	2,203	12 1/4	900	0
Prod Csg	5 1/2	L80	20#	10,896	8 3/4	2,607	800



Formation	Top
RUST	2054
ANHY	2081
T/SALT	2194
B/SALT	3214
7 RVS	3340
QUEEN	3361
GRBG	4160
GR PICK 1	4392
SA	4996
GR PICK 2	5170
GR PICK 3	5196

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

COMMENTS

Action 209890

COMMENTS

Operator: JOINT RESOURCES COMPANY 5416 Birchman Avenue Fort Worth, TX 761075111	OGRID: 372938
	Action Number: 209890
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	5/1/2023

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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CONDITIONS

Action 209890

CONDITIONS

Operator: JOINT RESOURCES COMPANY 5416 Birchman Avenue Fort Worth, TX 761075111	OGRID: 372938
	Action Number: 209890
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached COA	5/1/2023