

Submit a 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. 30-025-45106
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Commander
8. Well Number #4H
9. OGRID Number 372938
10. Pool name or Wildcat San Andres

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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Joint Resources Company	
3. Address of Operator 5416 Birchman Avenue, Fort Worth, TX 76107	
4. Well Location Unit Letter M : 700 feet from the S line and 1310 feet from the W line Section 31 Township 17S Range 39E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3635	

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>
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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.

1. Set 5 1/2 CIBP @ 4700'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 4700-4500'.
2. Spot 25 sx cmt @ 3300-3100'. WOC & Tag (B/Salt)
3. Perf & Sqz 50 sx @ 2260-2060'. WOC & Tag (T/Salt & 9 5/8 Shoe)
4. Spot 25 sx cmt @ 200' to surface.
5. Cut off wellhead, verify cmt at surface, weld ob 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: _____

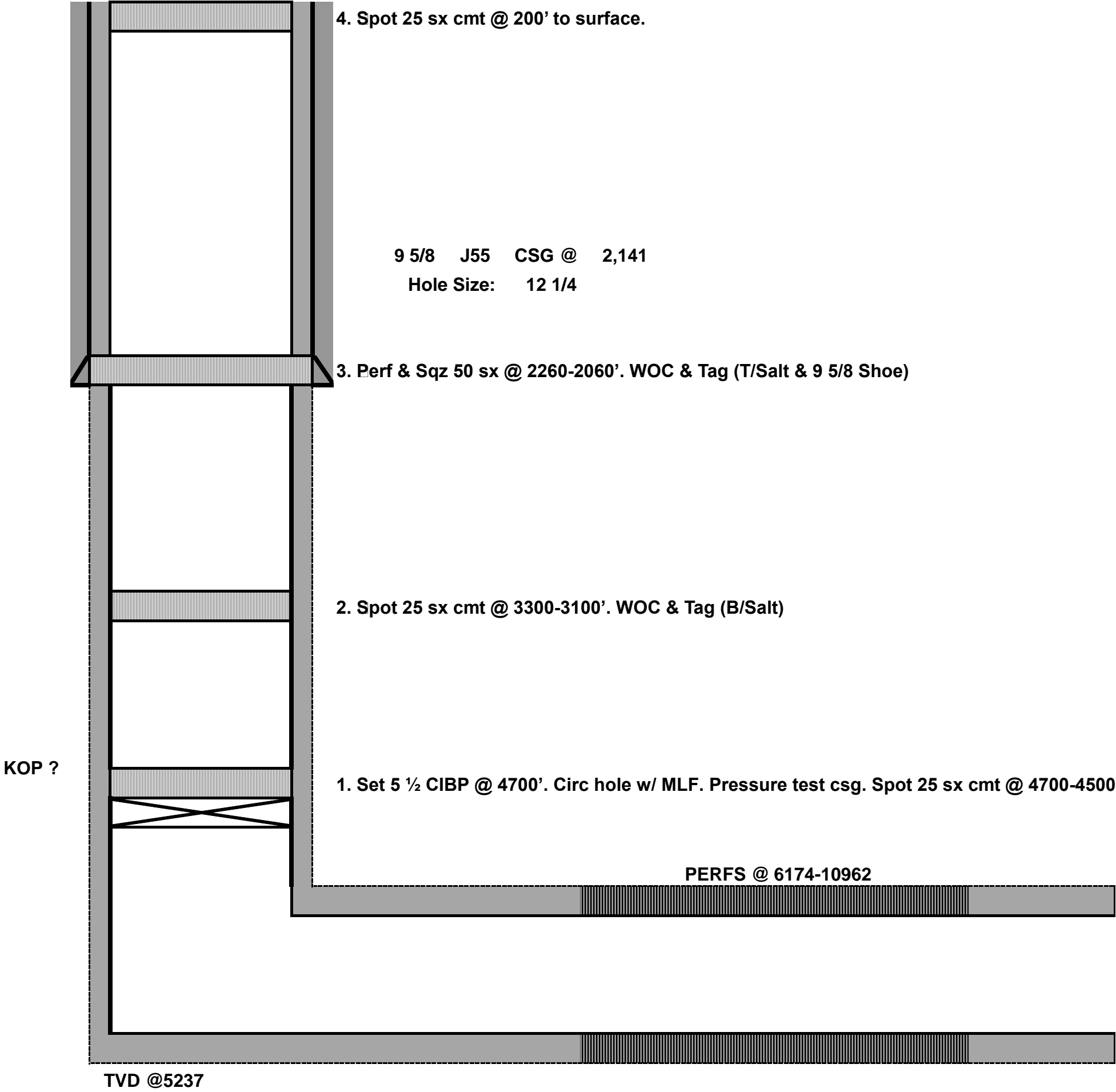
For State Use Only

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

Joint Resources Company		Proposed	
Author:	Abby BCM	Well No.	#4H
Well Name	Commander	API #:	30-025-45106
Field/Pool	Carter	Location:	Sec 31, T17S, R39E
County	Lea		700 FSL & 1310 FWL
State	NM	GL:	3635
Spud Date	9/6/2018		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	9 5/8	J55	40#	2,141	12 1/4	950	0
Prod Csg	5 1/2	L80	20#	11,148	8 3/4	3,250	0

Formation Top	
ANHY	2095
T/SALT	2210
B/SALT	3247
YATES	3373
7 RVS	3697
QUEEN	4205
GRBG	4476
SA	5214



32.0785811
-103.089035

4 1/2" L80 Liner @ 11,148
Hole Size: 8 3/4

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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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. 30-025-45106	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Commander	
8. Well Number #4H	
9. OGRID Number 372938	
10. Pool name or Wildcat San Andres	
4. Well Location Unit Letter M : 700 feet from the S line and 1310 feet from the W line Section 31 Township 17S Range 39E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3635	

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

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

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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3. Perf & Sqz 50 sx @ 2260-2060'. WOC & Tag (T/Salt & 9 5/8 Shoe)
4. Spot 25 sx cmt @ 200' to surface.
5. Cut off wellhead, verify cmt at surface, weld ob 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.

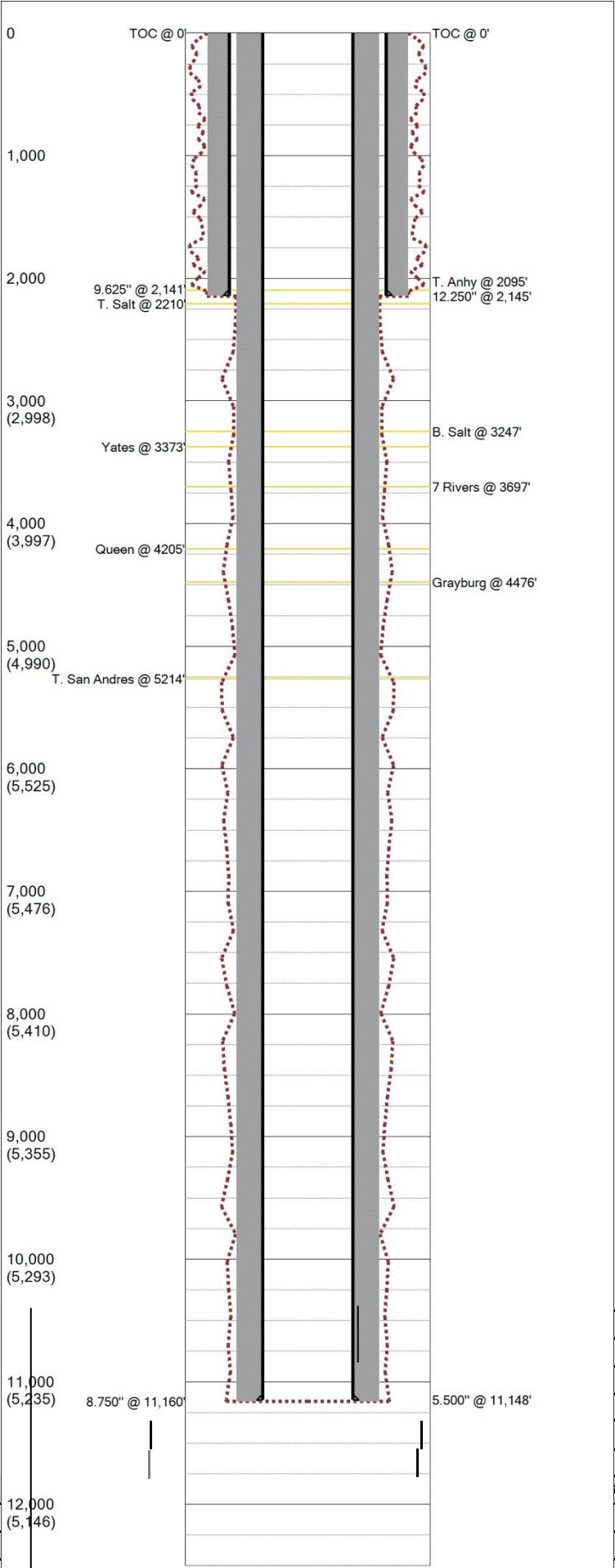
SIGNATURE _____ TITLE _____ DATE _____

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

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):



Last Updated: 10/12/2018 02:19 PM

Field Name		Lease Name		Well No.	
Carter		Commander		4H	
County		State		API No.	
Lea		New Mexico		30025451060000	
Version		Version Tag			
1					
GL (ft)	KB (ft)	Se	ction	Township/Block	Range/Survey
3,635.0	3,652.0	31		17S	39E
Operator		Well Status		Latitude	Longitude
Joint Resources		Drilled		32078581100	-103.08903500
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/ W Line	Footage From	
700	FSL	1310	FW L		
Prop Num			Spud Date		Comp. Date
Additional Information					
Other 1		Other 2		Other 3	
Prepared By		Updated By		Last Updated	
Troy Barber		Troy Barber		10/12/2018 2:19 PM	
Hole Summary					
Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments	
	12.250	0	2,145		
	8.750	2,145	11,160		
Tubular Summary					
Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)
	Surface Casing	9.625	40.00	J-55	0
	Production Casing	5.500	20.00	L-80	0
Casing Cement Summary					
C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)
		950	9.625	0	2,141
		3,250	5.500	0	11,160
Formation Tops Summary					
Formation		Top (TVD ft)	Comments		
T. Anhy		2,095			
T. Salt		2,210			
B. Salt		3,247			
Yates		3,373			
7 Rivers		3,697			
Queen		4,205			
Grayburg		4,476			
T. San Andres		5,214			

	Well No.	County	State	API No.	
	4H	Lea	New Mexico	30025451060000	
			Spud Date	Comp. Date	GL (ft)
					3,635.0
			KB (ft)	3,652.0	
			Dist. N/S (ft)	N/S Line	Dist. E/W (ft)
			700	FSL	1,310
			E/W Line	Footage From	
			FWL		
atus		Latitude		Longitude	Prop Num
		32078581100		-103.08903500	
		Other 3		Other 4	
Last Updated		Prepared By		Updated By	
10/12/2018 2:19 PM		Troy Barber		Troy Barber	
Additional Information					
Hole Summary					

Date	O.D. (in)	Top	Bottom	Comments						
(MD ft)	(MD ft)									
12.250	0	2,145								
8.750	2,145	11,160								
Tubular Summary										
Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Comments	
	Surface Casing		9.625		J-55		0	2,141	Run 52 jts J-55, 40#, 9-5/8"	
	Production Casing		5.500	20.00	L-80			0	surface csg w/14 centralizers; casing landed at 2141'. 11,148 Run 243 jts, 20#, L-80, 5-1/2" BTC csg, w/46 frac	

Casing Cement Summary										
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments	
		950	1.00	950	9.625	0	2,141	Pump lead slurry 650 Class "C" and tail with 300 sxs Class		
		3,250	1.00	3,250	5.500	0	11,160	"C". Bump plug. Full Returns – 82 bbls surface. Pump Lead slurry of 1250 sxs 50/50 Poz C (2.43 yield) & tail		

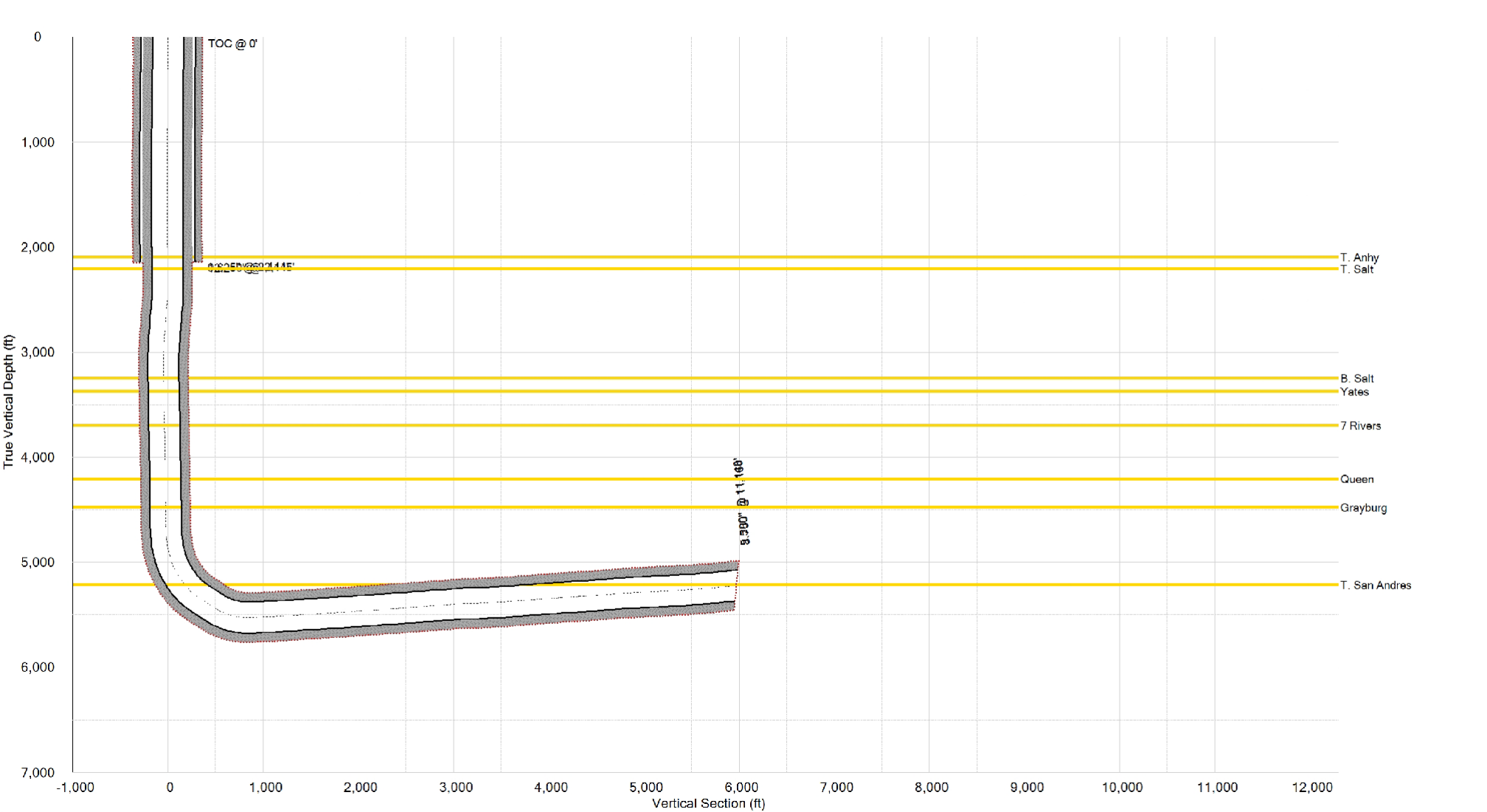
w/2 Poz H (yield 14.2).
Comments

Formation Top Summary
Formation Name

	Top(TVD ft)
T. Anhy	2,095
T. Salt	2,210
B. Salt	3,247
Yates	3,373
7 Rivers	3,697
Queen	4,205
Grayburg	4,476
T. San Andres	5,214

Last Updated: 10/12/2018 02:19 PM

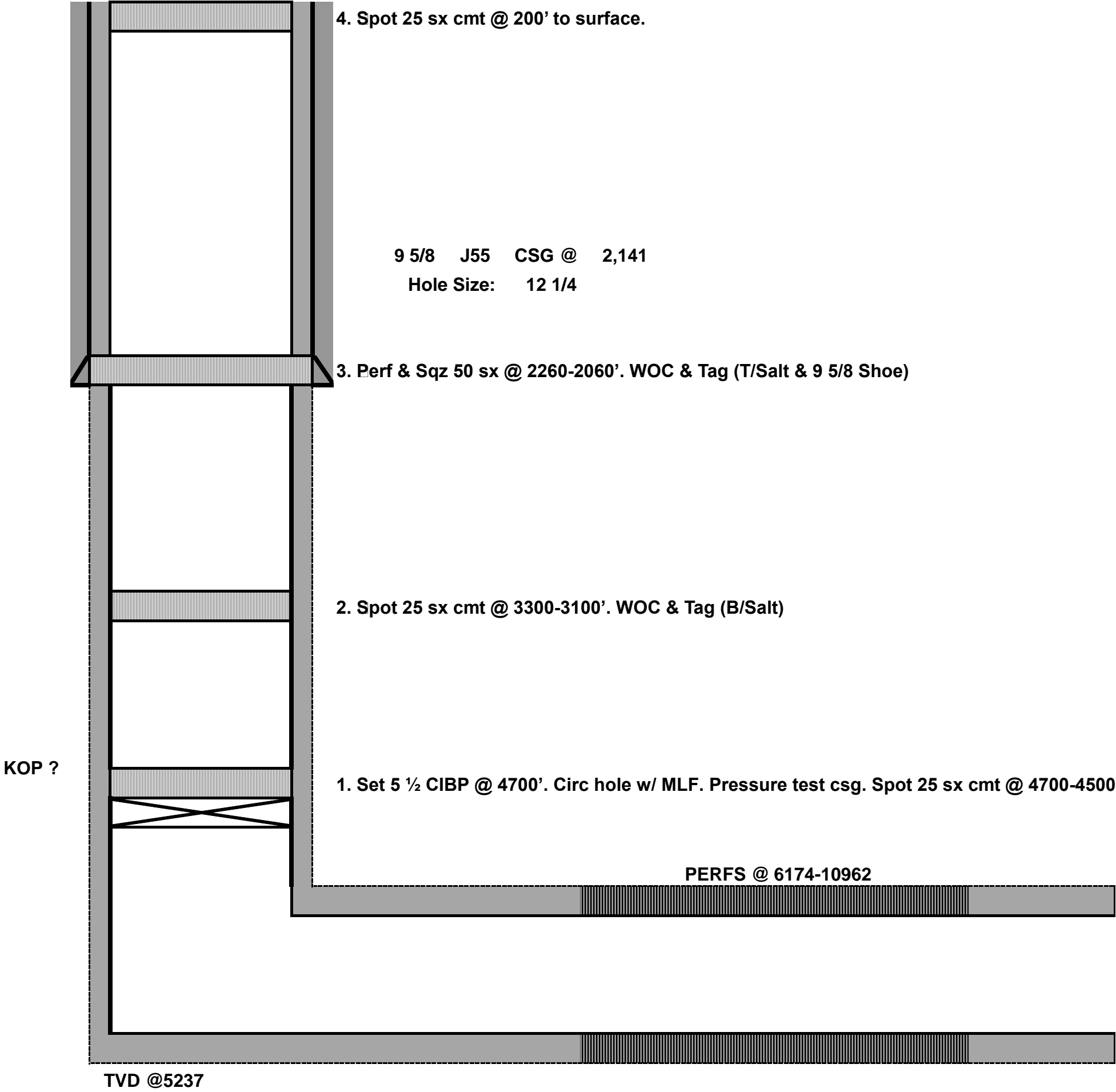
Field Name		Lease Name				Well No.		County	State	API No.
Carter		Commander				4H		Lea	New Mexico	30025451060000
Version	Version Tag					Spud Date		Comp. Date	G.L. (ft)	K.B. (ft)
1									3,635.0	3,652.0
Sec.	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From		Latitude	Longitude
31	17S	39E	700	FSL	1310	FWL			32078581100	-103.08903500
Well Status		PropNum	Operator		Last Updated			Prepared By		Updated By
Drilled			Joint Resources		10/12/2018 2:19:30 PM			Troy Barber		Troy Barber
Additional Information										



Joint Resources Company		Proposed	
Author:	Abby BCM	Well No.	#4H
Well Name	Commander	API #:	30-025-45106
Field/Pool	Carter	Location:	Sec 31, T17S, R39E
County	Lea		700 FSL & 1310 FWL
State	NM	GL:	3635
Spud Date	9/6/2018		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	9 5/8	J55	40#	2,141	12 1/4	950	0
Prod Csg	5 1/2	L80	20#	11,148	8 3/4	3,250	0

Formation Top	
ANHY	2095
T/SALT	2210
B/SALT	3247
YATES	3373
7 RVS	3697
QUEEN	4205
GRBG	4476
SA	5214



4. Spot 25 sx cmt @ 200' to surface.

9 5/8 J55 CSG @ 2,141
Hole Size: 12 1/4

3. Perf & Sqz 50 sx @ 2260-2060'. WOC & Tag (T/Salt & 9 5/8 Shoe)

2. Spot 25 sx cmt @ 3300-3100'. WOC & Tag (B/Salt)

1. Set 5 1/2 CIBP @ 4700'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 4700-4500'.

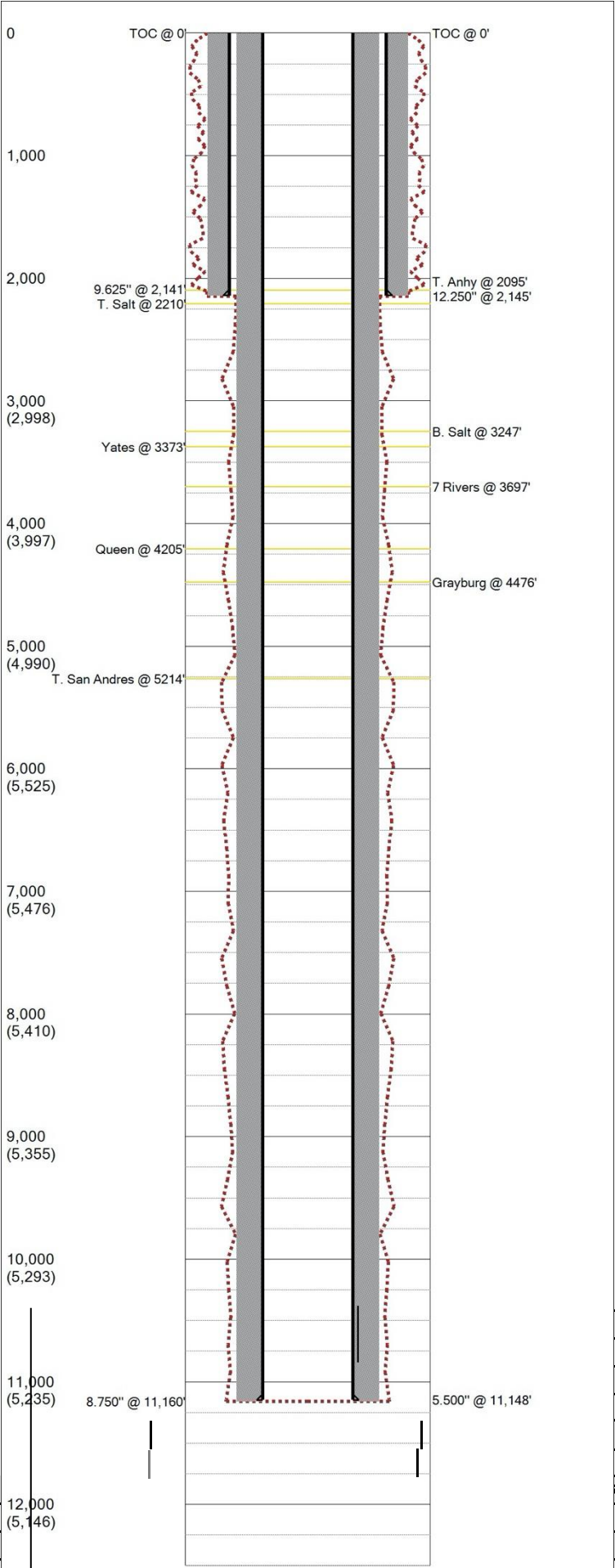
PERFS @ 6174-10962

32.0785811
-103.089035

TD @ 11,160

TVD @5237

4 1/2" L80 Liner @ 11,148
Hole Size: 8 3/4



Last Updated: 10/12/2018 02:19 PM

Field Name		Lease Name		Well No.			
Carter		Commander		4H			
County		State		API No.			
Lea		New Mexico		30025451060000			
Version		Version Tag					
1							
GL (ft)	KB (ft)	Se	ction	Township/Block	Range/Survey		
3,635.0	3,652.0	31		17S	39E		
Operator		Well Status		Latitude	Longitude		
Joint Resources		Drilled		32078581100	-103.08903500		
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/ W Line	Footage From			
700	FSL	1310	FW L				
Prop Num			Spud Date		Comp. Date		
Additional Information							
Other 1		Other 2		Other 3			
Prepared By		Updated By		Last Updated			
Troy Barber		Troy Barber		10/12/2018 2:19 PM			
Hole Summary							
Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments			
	12.250	0	2,145				
	8.750	2,145	11,160				
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	2,141
	Production Casing		5.500	20.00	L-80	0	11,148
Casing Cement Summary							
C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments	
		950	9.625	0	2,141		
		3,250	5.500	0	11,160		
Formation Tops Summary							
Formation			Top (TVD ft)	Comments			
T. Anhy			2,095				
T. Salt			2,210				
B. Salt			3,247				
Yates			3,373				
7 Rivers			3,697				
Queen			4,205				
Grayburg			4,476				
T. San Andres			5,214				

	Well No.	County	State	API No.		
	4H	Lea	New Mexico	30025451060000		
			Spud Date	Comp. Date	GL (ft)	KB (ft)
					3,635.0	3,652.0
Dist. N/S (ft)		N/S Line	Dist. E/W (ft)	E/W Line	Footage From	
700		FSL	1,310		FWL	
atus			Latitude	Longitude	Prop Num	
			32078581100	-103.08903500		
			Other 3	Other 4		
Last Updated			Prepared By		Updated By	
10/12/2018 2:19 PM			Troy Barber		Troy Barber	
Additional Information						

Hole Summary

Date (MD ft)	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
12.250	0	2,145		
8.750	2,145	11,160		

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Comments
	Surface Casing		9.625		J-55		0	2,141	Run 52 jts J-55, 40#, 9-5/8"
	Production Casing		5.500	20.00	L-80			0	surface csg w/14 centralizers; casing landed at 2141'. 11,148 Run 243 jts, 20#, L-80, 5-1/2" BTC csg, w/46 frac

sleeves; casing landed at 11,148'.

Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
		950	1.00	950	9.625	0	2,141	Pump lead slurry 650 Class "C" and tail with 300 sxs Class	
		3,250	1.00	3,250	5.500	0	11,160	"C". Bump plug. Full Returns – 82 bbls surface. Pump Lead slurry of 1250 sxs 50/50 Poz C (2.43 yield) & tail	

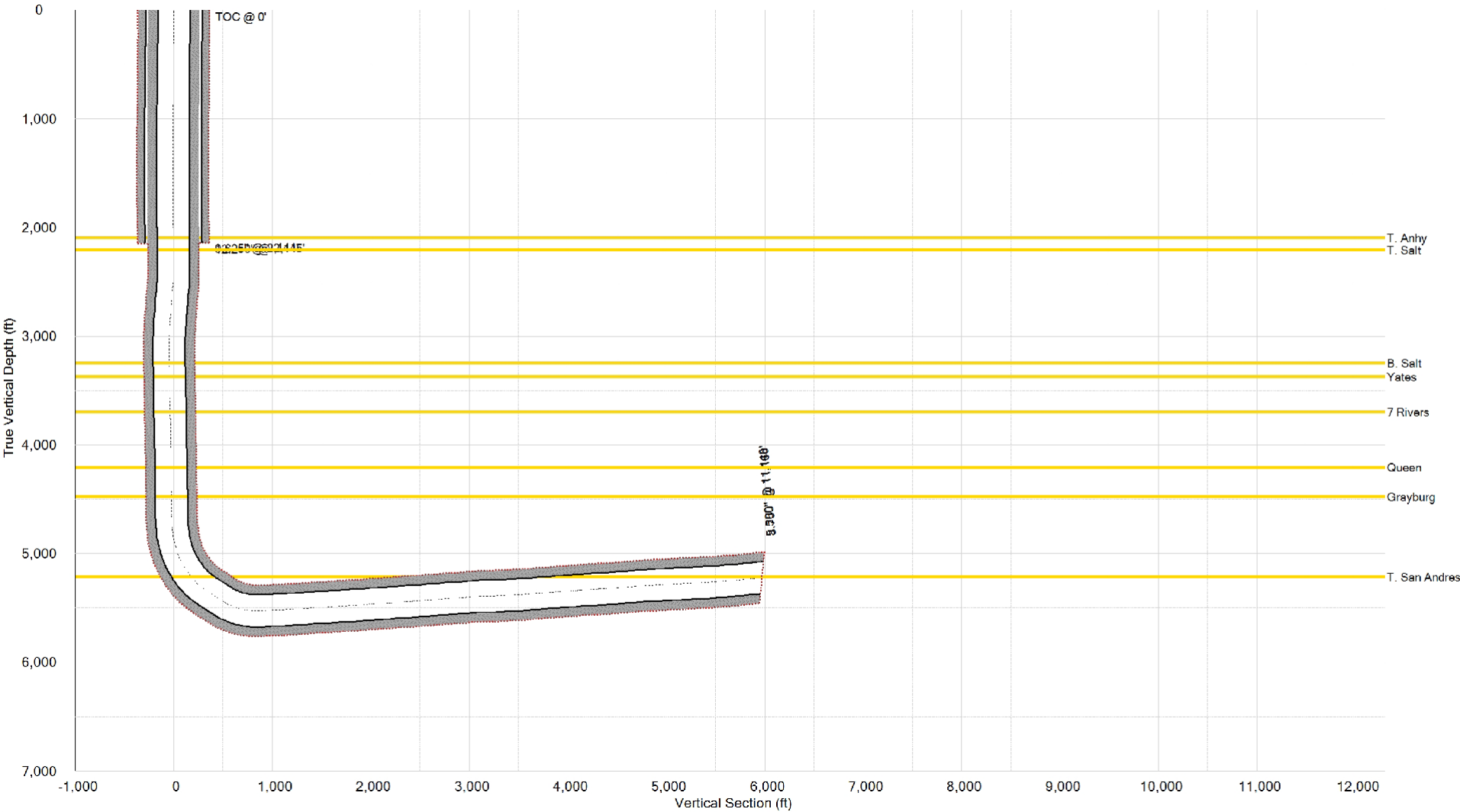
w/2 Poz H (yield 14.2).
Comments

Formation Top Summary
Formation Name

	Top(TVD ft)
T. Anhy	2,095
T. Salt	2,210
B. Salt	3,247
Yates	3,373
7 Rivers	3,697
Queen	4,205
Grayburg	4,476
T. San Andres	5,214

Last Updated: 10/12/2018 02:19 PM

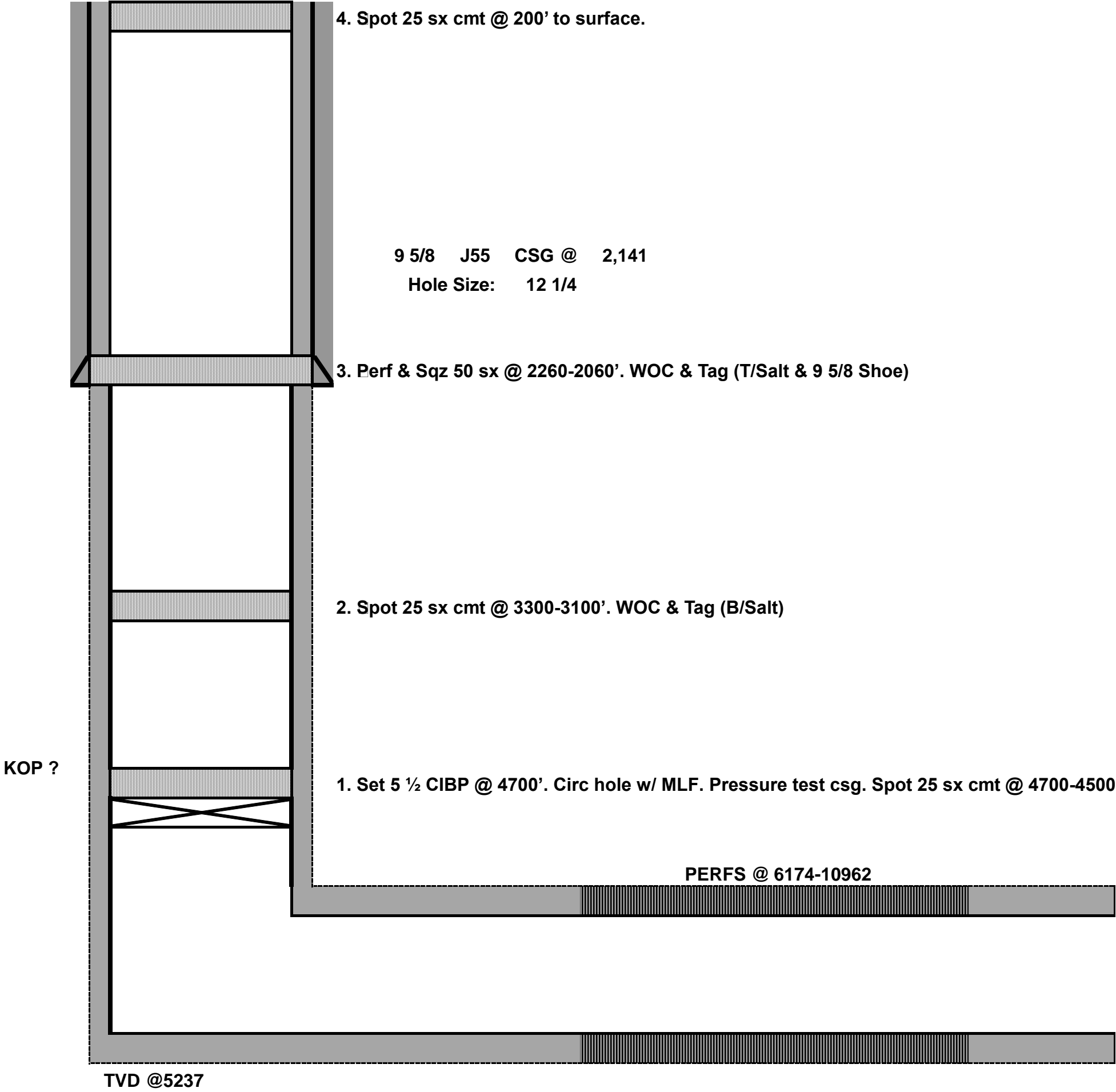
Field Name		Lease Name				Well No.		County		State		API No.		
Carter		Commander				4H		Lea		New Mexico		30025451060000		
Version	Version Tag					Spud Date		Comp. Date		G.L. (ft)		K.B. (ft)		
1										3,635.0		3,652.0		
Sec.	Township/Block		Range/Survey		Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From		Latitude		Longitude	
31	17S		39E		700	FSL	1310	FWL			32078581100		-103.08903500	
Well Status		PropNum		Operator		Last Updated			Prepared By		Updated By			
Drilled				Joint Resources		10/12/2018 2:19:30 PM			Troy Barber		Troy Barber			
Additional Information														



Joint Resources Company		Proposed	
Author:	Abby BCM	Well No.	#4H
Well Name	Commander	API #:	30-025-45106
Field/Pool	Carter	Location:	Sec 31, T17S, R39E
County	Lea		700 FSL & 1310 FWL
State	NM	GL:	3635
Spud Date	9/6/2018		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	9 5/8	J55	40#	2,141	12 1/4	950	0
Prod Csg	5 1/2	L80	20#	11,148	8 3/4	3,250	0

Formation Top	
ANHY	2095
T/SALT	2210
B/SALT	3247
YATES	3373
7 RVS	3697
QUEEN	4205
GRBG	4476
SA	5214



32.0785811
-103.089035

4 1/2" L80 Liner @ 11,148
Hole Size: 8 3/4

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 209893

COMMENTS

Operator: JOINT RESOURCES COMPANY 5416 Birchman Avenue Fort Worth, TX 761075111	OGRID: 372938
	Action Number: 209893
	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 209893

CONDITIONS

Operator: JOINT RESOURCES COMPANY 5416 Birchman Avenue Fort Worth, TX 761075111	OGRID: 372938
	Action Number: 209893
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

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