

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

**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

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address BTA OIL PRODUCERS, LLC 104 S. Pecos Midland, TX 79701		2. OGRID Number 260297
4. Property Code 305310		3. API Number 30-025-31183
5. Property Name Aline 9012 JV-P		6. Well No. 001

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	36	20S	34E		1980	N	1980	E	LEA

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	36	20S	34E	G	1980	N	1980	E	Lea

**9. Pool Information**

BERRY;BONE SPRING, NORTH	5535
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3746
16. Multiple N	17. Proposed Depth 13760	18. Formation Bone Spring	19. Contractor	20. Spud Date 4/15/2017
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	61	1693	1750	0
Int1	12.25	9.625	40	5500	2500	0
Prod	8.75	5.5	20	13760	3935	491

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.  Signature: <i>Pam Inskeep</i> Printed Name: <b>Pam Inskeep</b> Title: <b>Regulatory Administrator</b> Email Address: <b>pinskeep@btaoil.com</b> Date: <b>04/12/2017</b>	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: <i>[Signature]</i>	<b>Petroleum Engineer</b>
	Approved Date: <b>04/12/17</b>	Expiration Date: <b>04/12/19</b>
	Phone: 682-3753 Conditions of Approval Attached	

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Form APD Conditions

Permit 233912

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: BTA OIL PRODUCERS, LLC [260297] 104 S. Pecos Midland, TX 79701	API Number: 30-025-31183
	Well: Aline 9012 JV-P #001

OCD Reviewer	Condition
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Form APD Comments

Permit 233912

**PERMIT COMMENTS**

Operator Name and Address: BTA OIL PRODUCERS, LLC [260297]	API Number:
	Well: Aline 9012 JV-P #001

Created By	Comment	Comment Date
pinskeep	This is a plug back from Morrow to Bone Spring. The proposed procedure and current & proposed WBD is attached.	3/28/2017
pinskeep	Waiver from COG Operating LLC is attached.	4/12/2017

BTA Oil Producers  
9012 Aline #1  
Program to Recomplete to 3<sup>rd</sup> Bone Springs Dolomite  
Lea County, New Mexico

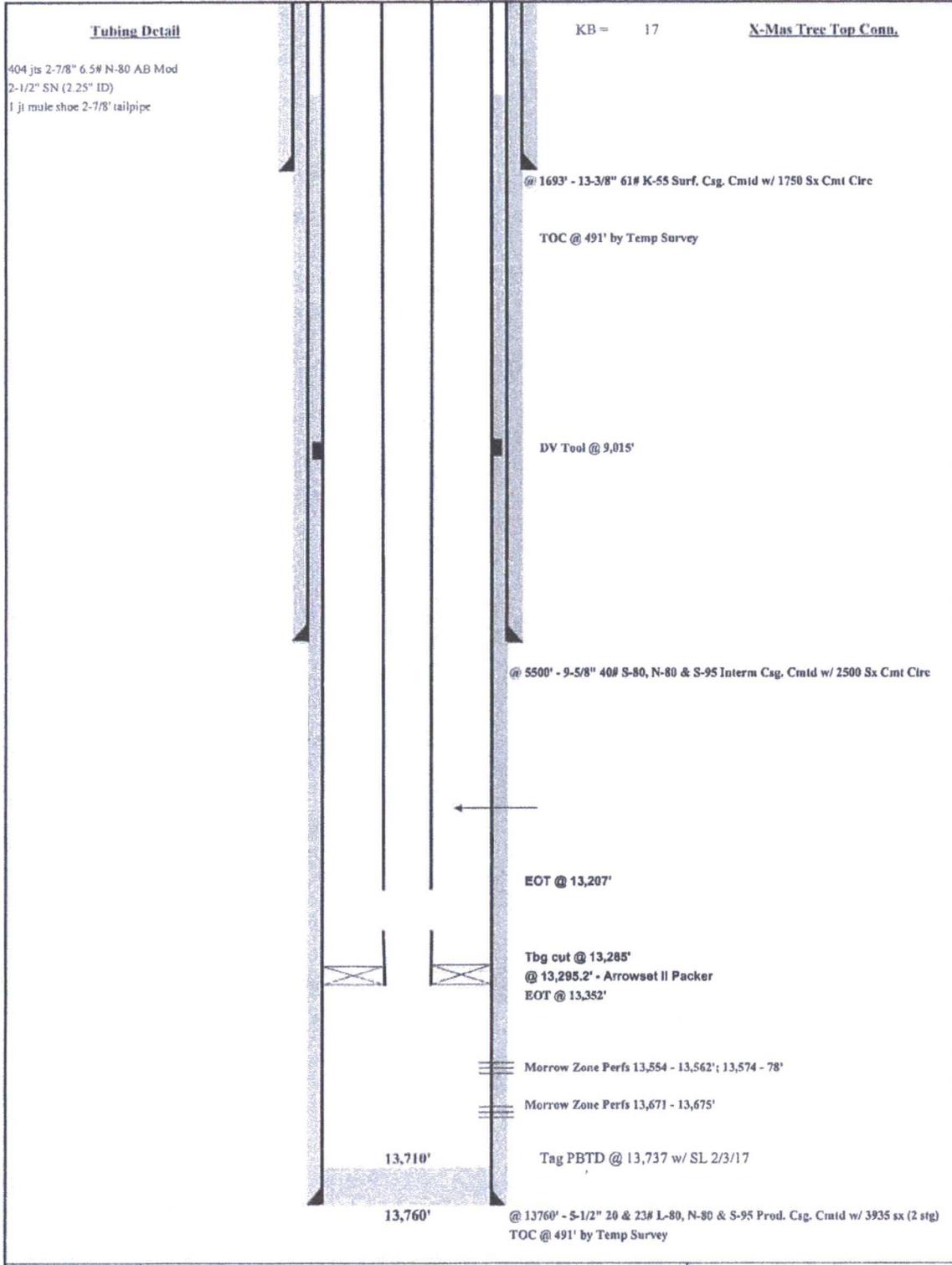
Well Data: TD: 13,760'  
PB: 13,710'  
KB: 17'

Casing: 13-3/8" 61# K-55 @ 1693' w/ 1750 Sx (Cmt Circ)  
9-5/8" 40# S-80, N-80, S-95 LTC @ 5500' w/ 2500 Sx (Cmt Circ)  
5-1/2" 20#, 23# L-80, N-80, S95 @ 13,760'  
w/ 3935 Sx (2 stg); TOC @ 491' by temp survey  
DV tool @ 9015'

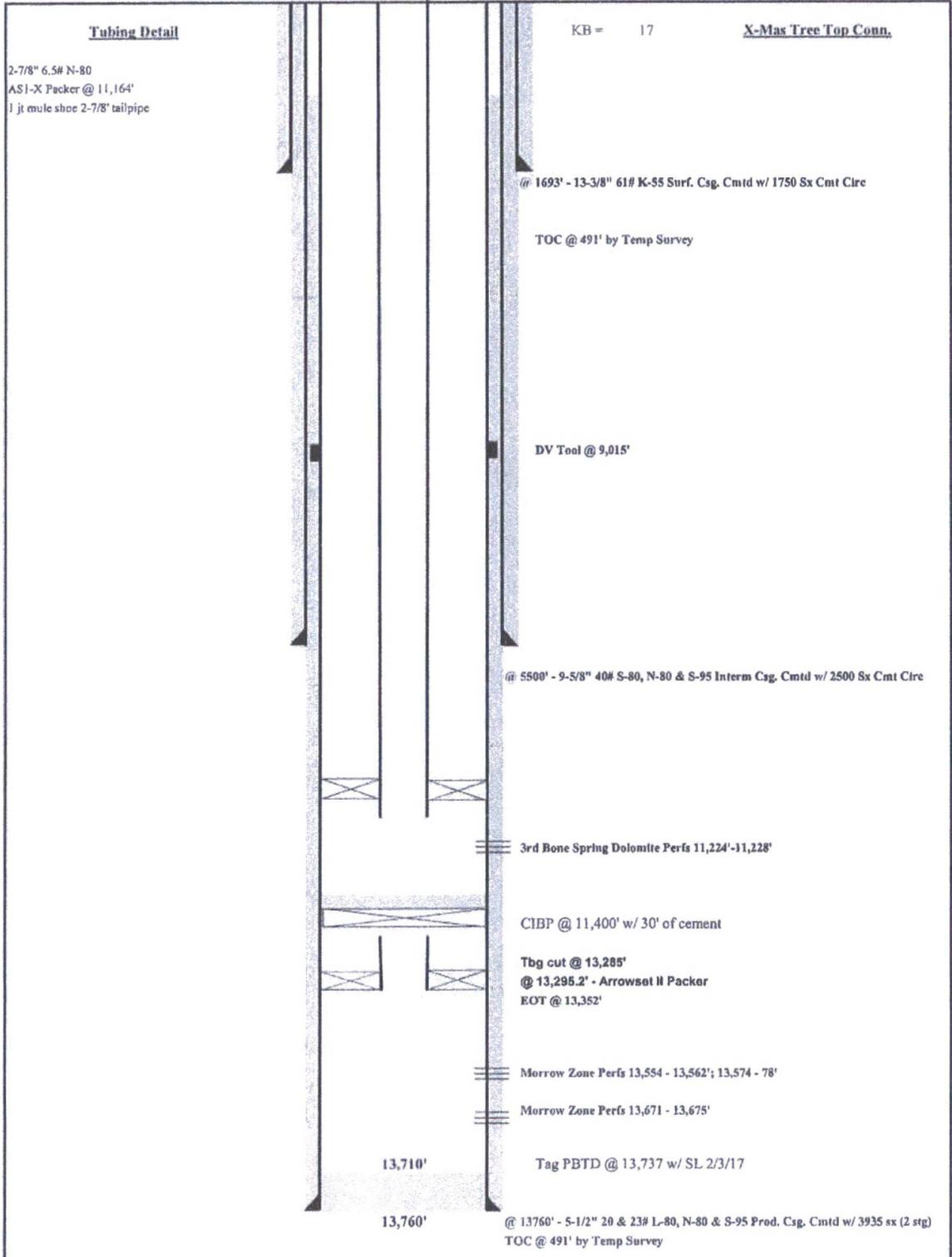
- 1) MIRU pulling unit.
- 2) ND tree, NU BOP. Have wellhead tech out to grease all valves and function test tree. Send in for repair if needed.
- 3) POH standing back production tubing.
- 4) MIRU WL unit. RIH w/ 4-1/2" JB/GR to TOF @ 11,450'.
- 5) PU and RIH w/ CIBP for 20#/23# casing and set at 11,400'. Dump bail 30' of cement on CIBP.
- 6) PU and RIH w/ 3-1/8" perforating guns at 6 spf. Correlate to SLB open hole log dated 5/12/91. Perf (3<sup>rd</sup> Bone Springs Dolomite) 11,224'-11,228'.
- 7) POH. RDMO WL unit.
- 8) PU and RIH w/ T2 on/off tool (w/ 2.313 X nipple) and BTA owned AS1X packer w/ 1 jt tail pipe and 2.313 XN nipple on bottom. (Packer is rebuilt at Wellbore Fishing and Rental Shop in Midland). Set packer 50' above top perf. Get off on/off tool.
- 9) MIRU acid truck. Circulate well clean with packer fluid. Spot 4000 gal 15% HCl to EOT. Latch onto packer and acidize perms at 3-5 BPM. Displace acid to bottom perf and let acid soak overnight.
- 10) ND BOP, NU tree.
- 11) Swab on tubing until well kicks off flowing.
- 12) RDMO pulling unit.

2/15/17

RTW



Revised	<b>Gas Well</b>	Drawn	<b>TJW</b>
	LEASE: <b>9012 Aline</b> #1		<b>1/7/2009</b>
	FIELD: <b>Laguna Valley</b>	Approved	
	LOCATION: <b>1980' FNL 1980' FEL Sec. 36 T20S R34E</b>		
	COUNTY: <b>Lea</b> STATE: <b>New Mexico</b>	Date	
	PRODUCING FORMATION: <b>Morrow</b>		
	 <b>BTA Oil Producers</b>		



Revised	Gas Well	Drawn	RTW
	LEASE: 9012 Aline #1		2/21/2017
	FIELD: Laguna Valley	Approved	
	LOCATION: 1980' FNL 1980' FEL Sec. 36 T20S R34E		
	COUNTY: Lea STATE: New Mexico	Date	
	PRODUCING FORMATION: 3rd Bone Spring Dolomite		
	 BTA Oil Producers		