

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. 30-025-34165
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Enron 9 State Com
8. Well Number 1
9. OGRID Number 372043
10. Pool name or Wildcat Johnson Ranch Wolfcamp
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3612 GR

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 checked="" type="checkbox"/> Other	
2. Name of Operator TAP ROCK OPERATING, LLC	
3. Address of Operator 523 PARK POINT DR, SUITE 200, GOLDEN, CO 80401	
4. Well Location Unit Letter O : 660 feet from the South line and 1980 feet from the East line Section 9 Township 24S Range 33E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3612 GR	

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

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

Tap Rock Operating, LLC is requesting permission to temporarily abandon the Johnson Ranch Wolfcamp Zone (Pool Code 79355). Tap Rock will demonstrate mechanical integrity of the casing and cement after the zone has been fully isolated. A detailed procedure and schematics have been attached for review.

Please note this TA is due to a future plan to recomple the Third Bone Spring formation. Upon plugging of this new formation, cement will be placed on the later mentioned CIBP to properly plug the wellbore.

**Condition of Approval: notify  
 OCD Hobbs office 24 hours  
 prior of running MIT Test & Chart**

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

SIGNATURE Bill Ramsey TITLE Regulatory Analyst DATE 3/4/2021

Type or print name Bill Ramsey E-mail address: bramsey@taprk.com PHONE: 720-238-2787

**For State Use Only**

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 3/5/21  
 Conditions of Approval (if any):



**Job:** TA Johnson Ranch Wolfcamp Interval

**Well:** Enron 9 State Com #1

**Est. Start Date:** 3/4/21

**Formation:** Wolfcamp B/C

**Engineer:** Alex Batista (281) 253-3999

**2<sup>nd</sup> Call:**

**Consultant:** John Istre (337) 258-2996

**Supervisor:** Gary Johnson (361) 230-3021

<b>Enron 9 State Com #1</b>			
AFE#		350-10139-001	
API#		30-025-34165	
RKB		26.0	
<b>4.5" 15.10# P-110 Casing</b>			
ID (in)	3.826		
Drift (in)	3.701		
Bottom	13,891	Top	12,219
85% Burst (psi)			
85% Collapse (psi)			
Capacity (bbls/ft)	0.0142		
Volume to FC (bbls)			
<b>7.0" 29# S-95, N-80 &amp; P-110 Casing</b>			
ID (in)	6.184	Depth	12,580
Drift (in)	6.059		
85% Burst (psi)			
85% Collapse (psi)			
Capacity (bbls/ft)	0.0371		
<b>9 5/8" 47# N-80 2<sup>nd</sup> Intermediate Casing</b>			
85% Burst (psi)			
85% Collapse (psi)			
Setting Depth (ft)	5,213		
<b>Perforating Guns</b>			
Old top perf	13,234	New top perf	11,700
SPF	6	Charge Type	
Phasing	60	EHD / Penetration	
<b>Directions</b>			
FROM INT. OF NM-128 W & DELAWARE BASIN RD. GO W. ON NM-128 +/- 3.3 MILES THEN TURN RIGHT (NORTH) ON BRININSTOOL RD. AFTER +/- 1.1 MILES TURN LEFT (WEST) ON LEASE ROAD. TURN RIGHT INTO LOCATION.			

## Temporarily Abandon Wolfcamp Procedure:

### Change Well Head

1. Upon AOL, check pressure on all wellhead valves
2. Record SICP
3. Existing Well Head
  - 2" Cameron 5K Production Tree
4. Bullhead with approximately 500 bbls of fresh water or 10# brine
  - Mix with combination of scale/corrosion inhibitor/biocide/clay stabilizer
5. Confirm that well is dead for at least 30 minutes
  - If unable to kill well easily, set plug in tubing hanger as alternative option
6. Swap production tree with 7 1/16" frac valve for upcoming operations

### Set Plug and Run Ultra Sonic Imager

7. Run 6" GR/JB for the 7" casing to roughly 12,219' and tag crossover
  - Record depth of GR/JB run in Wellview
8. Run 3.5" GR/JB for the 4.5" liner (double check GR size) to roughly 13,200'
  - Record depth of GR/JB run in Wellview
9. Make Note of Fluid Level
  - Record fluid level in Wellview
10. Set bridge plug in 4.5" liner at 13,134'
  - If run into issues, evaluate setting in 7" casing instead
11. Pump more water in well to make sure hole is filled to surface (if needed)
12. Run ultrasonic imager tool for testing wellbore integrity to roughly 13,000' or just above the bridge plug, based on SLB recommended procedure
  - Tool should be able to log 4.5" and 7" section with same run
  - Hole should be filled with brine or freshwater
13. Shut in 7 1/16" frac valve
14. Wait on results of wellbore integrity
  - Estimated 24 hours to validate results
15. Proceed with next steps if casing determined to be in good condition
  - Evaluate alternative options depending on results
16. Pressure test to 85% of pressure rating determined from ultra-sonic log for 10 minutes
  - Amount to be determined once log analyzed
  - If more than 10% bleeds off during the test, the test has failed and must be performed again

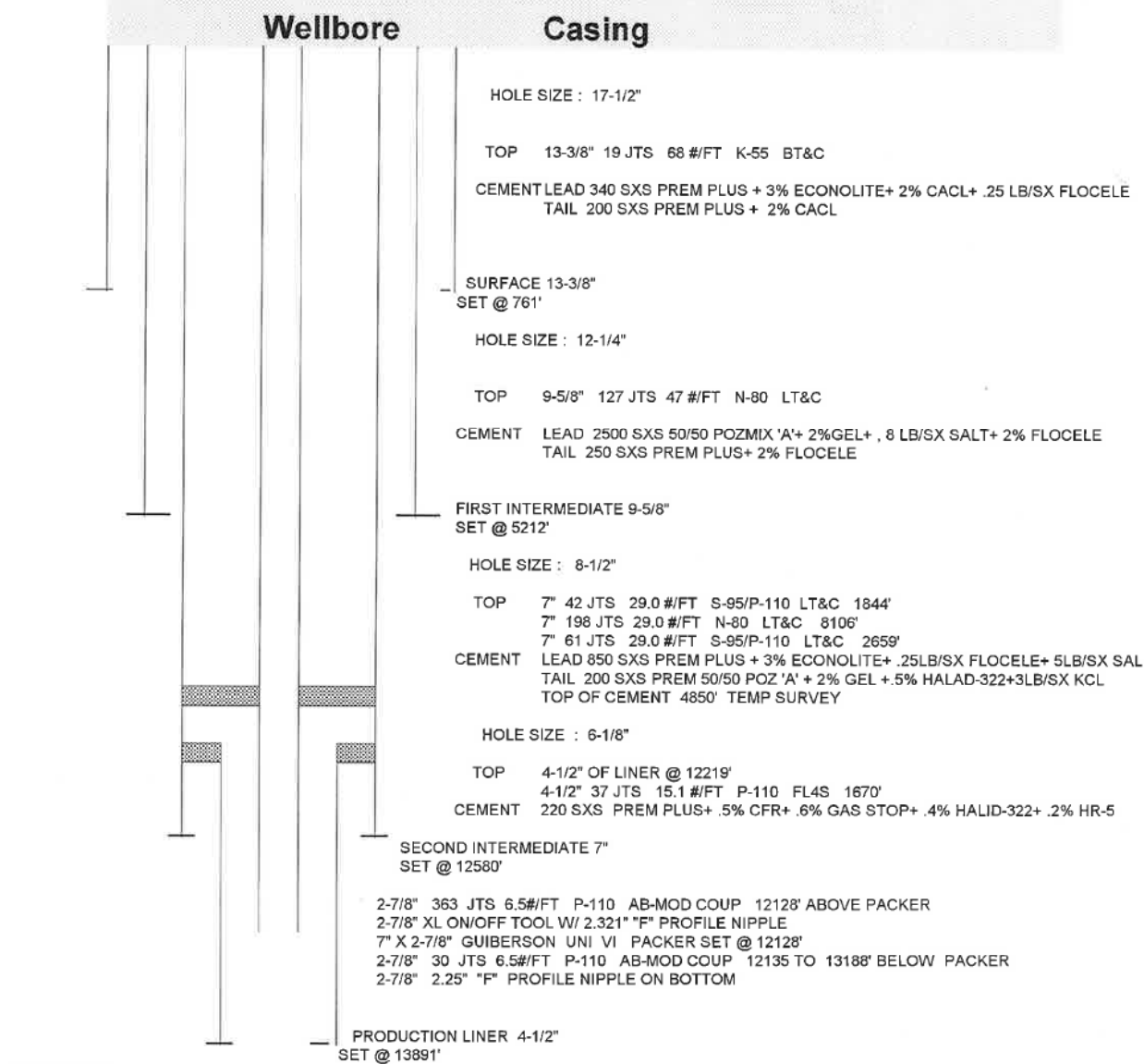
## Current Schematic

WELL NAME: ENRON 9" STATE COM #1  
 FIELD: JOHNSON RANCH  
 COUNTY: LEA  
 STATE: NEW MEXICO

## WELLBORE SCHEMATIC

GL: 3612'

KDB: 3638'



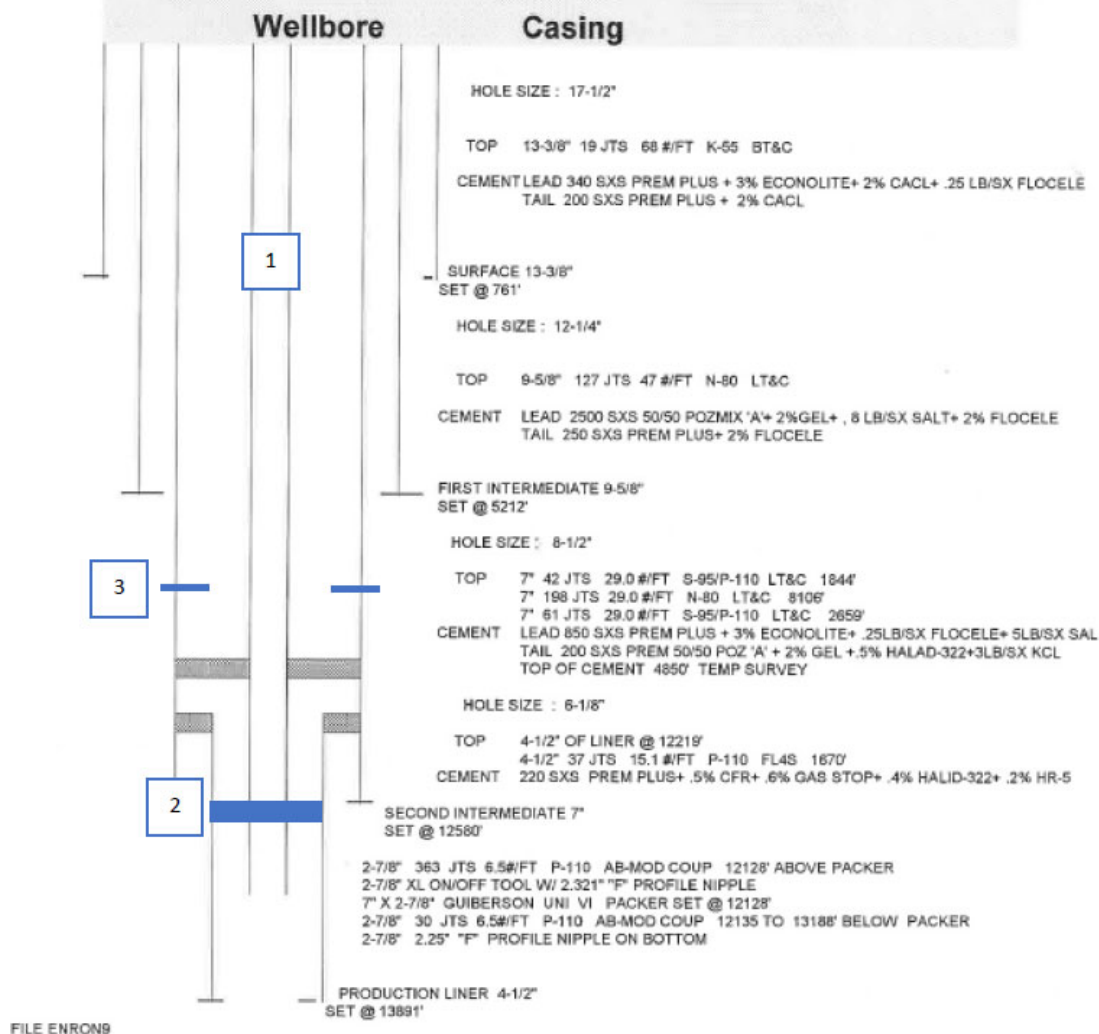
## Proposed TA Schematic

WELL NAME: ENRON "9" STATE COM #1  
 FIELD: JOHNSON RANCH  
 COUNTY: LEA  
 STATE: NEW MEXICO

## WELLBORE SCHEMATIC

GL: 3612'

KDB: 3638'



## Steps:

1. Make sure tubing is removed
2. Set CIBP at 12,600' to isolate original perms
3. Perf new interval at 11,700'
  - a. Holes- 6 SPF
  - b. EHD average- 0.37" or 0.41"

## Vendors

<b>Chemical:</b>	True Chem- Nick Gonzales 432-853-3315
<b>Tree and Wellhead:</b>	Cameron- Jose 432-438-5813 Bryan Bruno 918-284-8177
<b>Ultra Sonic Imager log:</b>	Schlumberger- Dispatch 970-867-3710 Marcia Solorzano 432-250-9657
<b>Wireline and plug:</b>	Patriot- Frank Marquez 432-770-8432
<b>Surface Rentals:</b>	Consultant's discretion
<b>Memory Gauge:</b>	Sage Rider- Fred Schwarz 303-981-6457
<b>Perforating:</b>	Liberty- Keith Braun 724-650-4585
<b>DFIT:</b>	Nine- Griffin Smith 940-284-7142

**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**

CONDITIONS

Action 19760

**CONDITIONS OF APPROVAL**

Operator: TAP ROCK OPERATING, LLC Suite 200 Golden, CO80401		523 Park Point Drive	OGRID: 372043	Action Number: 19760	Action Type: C-103X
OCD Reviewer kfortner		Condition Run Post Workover MIT test			