

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. 30-025-29414
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 TURNER 8408 JV-P
8. Well Number 1
9. OGRID Number 260297
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 <input type="checkbox"/>	
2. Name of Operator BTA OIL PRODUCERS LLC	
3. Address of Operator 104 S PECOS; MIDLAND, TX. 79701	
4. Well Location Unit Letter D__: 990 feet from the NORTH line and 660 feet from the WEST line Section 21 Township 17S Range 36E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3871 GL	

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 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: SRT <input checked="" 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: CONVERSION TO SWD <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.

Turner #1 SWD – Required Information for SRT:

- A description of the equipment for measurement and data recording (manufacturer and model)
Note: the pressure gauge and recorder must have an appropriate range for use during the test.
***See attached procedure**
- Updated well-bore diagram, Christmas tree and wellhead specifications and pressure ratings
***See attached WBD**
- Summary of injection volumes for last five years with average injection pressure.
BTA has not injected on the well since initial completion.
- Summary of well treatments and pressures especially any historical Instantaneous Shut-in Pressure (ISIP).
During initial completion to the San Andres, BTA acidized w/ 4000 gal of 15% HCl and 450 sx of salt diverter (max P= 2750 psi, breakdown pressure= 2450 psi, max rate 4 bpm). ISIP= 2270 psi, 5 min= 886 psi, 10 min= 590 psi, 15 min= 434 psi.

PLEASE SEE ATTACHED DOCUMENTS FOR MORE INFORMATION.

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

SIGNATURE *Sammy Hajar*

TITLE Regulatory Analyst

DATE 5/20/2024

Type or print name Sammy Hajar

E-mail address: SHAJAR@btaoil.com

PHONE: 432-682-3753

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

BTA Oil Producers
8408 JV-P Turner #1 SWD
Program to Perform Step Rate Test
Lea County, NM

API: 3002529414
Spud Date: 9/24/85
Original Completion: Upper Abo (9223’ – 9292’)

TD: 9600'
PBSD: 9703’

KB Elevation: 3885' (14’ KB)
GL Elevation: 3871' GL

Surface Casing: @ 394’ – 13-3/8” 54.5# K-55 (circ to surf w/ 450 sx cmt)
Intermediate Casing: @ 3500’ – 8-5/8” 24# & 32# J-55 (circ to surf w/ 1800 sx cmt)
Production Casing: @ 9600’ – 5-1/2” 17# K-55, N-80 (*see WBD)

Perforations:
Isolated – Upper Abo (9223’ – 9292’)
Target – San Andres (5230’ – 5250’, 5308’ – 5318’, 5404’ – 5444’, 5446’ – 5476’, 5498’ – 5538’)

Injection Equipment in Hole:

Tubing:
1 jt of 2-7/8" IPC tubing
2- 2-7/8" IPC spacer subs (10', 4')
158 jts of 2-7/8" IPC tubing
T2 O/O tool (NC)
5.5" AS-1X pkr (NC) @ 5207'
8' x 2-7/8" tbg sub (NC)
XN nipple (NC) @ 5223'
WLEG (NC) @ 5224'

Capacities:	
2-7/8” 6.5# Tubing	0.00579 bbl/ft
5-1/2” 17# Casing	0.0232 bbl/ft
Between tbg and casing	0.0152 bbl/ft

Procedure:

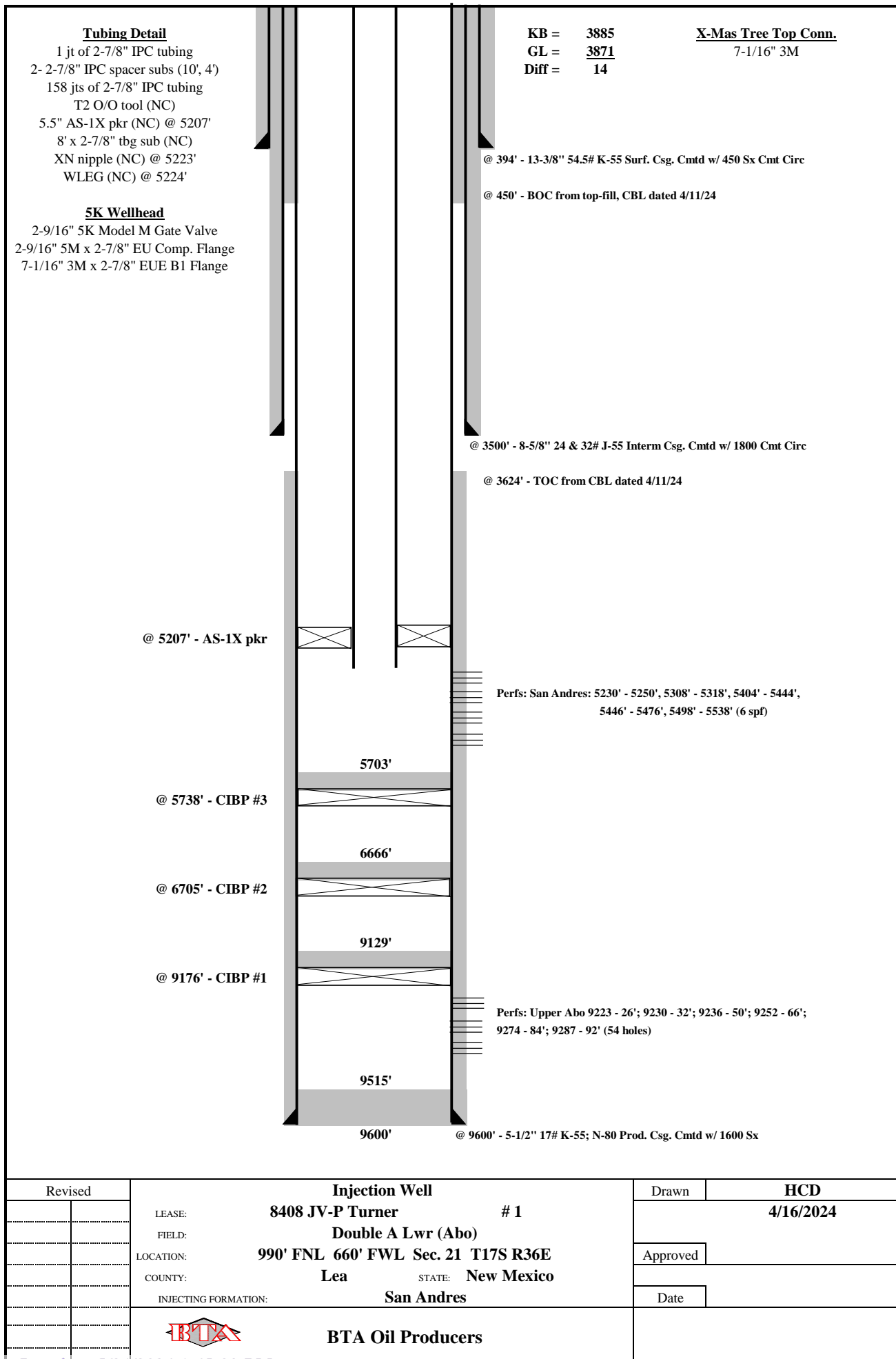
1. Notify the NMOCD 72 hrs prior to start of SRT. NMOCD personnel may be present for the test.
2. Ensure location has 2500 bbl of produced water available. Take measurement of density and viscosity of PW.
3. MIRU 2 HPPTs and data van.
4. Perform an MIT to 550 psi for at least 30 min. Chart pressure.
5. MIRU SLU.
6. Make GR to XN nipple @ 5223’. RIH w/ BHP gauge on memory (ensure gauge has flow-through capabilities). Set gauge in XN nipple @ 5223’.
- DataCan Gauge info: Piezo Pressure Recorder, SN: DC1029, Max P: 15,000 psi, Max T : 177 degC.
7. Perform SRT as follows:

Step	BPM	Min	BBL	Tbg Psi	Time
1	0	30	0		
2	0.5	30	15		
3	1	30	30		
4	1.5	30	45		
5	2	30	60		
6	2.5	30	75		
7	3	30	90		
8	3.5	30	105		
9	4	30	120		
10	4.5	30	135		
11	5	30	150		
12	5.5	30	165		
13	6	30	180		
14	6.5	30	195		
15	7	30	210		
16	7.5	30	225		
17	8	30	240		
Total	-	510	2040	-	-

- Max Pressure: 5000 psi
- Chart tubing pressure and time with data van. Record tubing pressure when pressure has stabilized after 30 minutes. **If tubing pressure has not stabilized after 30 minutes, extend the step until the pressure stabilizes.**
- Chart casing and bradenhead pressures for the duration of the SRT.
- The goal of the SRT is to record 3 steps below the 0.5 psi/ft gradient and 3 steps above the breakdown pressure of the reservoir.

8. Chart ISIP and 0-10-15.
9. RU SLU. Retrieve BHP gauge.
10. RDMO all equipment.
11. Turn well over to production team.

HCD – 5/20/24



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 345911

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 345911
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	Please ensure that the maximum testing pressure doesn't exceed the wellhead pressure rating.	5/21/2024