

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

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-40315
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V-2199
7. Lease Name or Unit Agreement Name Gem 8705 JV-P
8. Well Number #010
9. OGRID Number 260297
10. Pool name or Wildcat Teas, Delaware 96797

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR TIE 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
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 **330** feet from the **West** line
Section **2** Township **20S** Range **33E** NMPM County **Lea**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3584' 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 type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input 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.

- Proposed P&A (Revised 9/13/2019)**
- 1) Spot 40 sx Class H cement @ 8,135' - 8,235'.
 - 2) Set CIBP @ 6,530' in 7" Casing. Cap with 35' cement via dump bailer or 25 sx cement mixed & pumped.
 - 3) Circulate well with MLF (25 sx gel per 100 BBL water). Pressure test casing.
 - 4) Perforate @ 5,290'. Squeeze 50 sx Class C cement. Displace TOC to 5,190'. WOC.
 - 5) Spot 30 sx Class C cement @ 3,574' - 3,674'. WOC & Tag.
 - 6) Perforate @ 3,298'. Squeeze 50 sx Class C cement. Displace TOC to 3,194'. WOC & Tag.
 - 7) Perforate @ 1,437'. Squeeze 50 sx Class C cement. Displace TOC to 1,337'. WOC & Tag.
 - 8) Perforate @ 150'. Circulate 75 sx Class C cement to surface via perms. Verify cement to surface.
 - 9) Cut off wellhead 3' BGL. Weld on steel plate to casings. Install dry hole marker. (4" diameter - 4' above ground)

Spud Date: Rig Release Date:

See Attached Conditions of Approval

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

SIGNATURE Bob Hall TITLE Environmental Manager DATE 9/13/2019

Type or print name Bob Hall E-mail address: bhall@btaoil.com PHONE: (432) 682-3753
For State Use Only

APPROVED BY: Kerry Fortner TITLE C. O. A DATE _____
Conditions of Approval (if any): _____

Tubing Detail

191 jts 2-7/8" 6.5# tbg to surface
 1 - 7" TAC @ 6217'
 1 jt 2-7/8" 6.5# tbg
 1 - SN @ 6251'
 1 - 4' perf sub
 1 MJ w/ BP (EOT @ 6287')

 102 - 7/8" D97 steel rods
 134 - 3/4" D97 steel rods
 14 - 1-1/2" Kbars

 2-1/2" x 1-3/4" x 24' pmp

KB = 3608 **X-Mas Tree Top Conn.**
 GL = 3584
 Diff = 24

@ 1387' - 13-3/8" 54.5# J-55 Surf. Csg. Cmtd w/ 1100 Sx Cmt Circ

@ 3248' - 9-5/8" 40# J-55 Intern Csg. Cmtd w/ 900 Sx Cmt Circ

DV Tool @ 3624'

TAC @ 6217'

TOC 5300' on 1st stg By CBL

SN @ 6251'
 EOT @ 6287'

P
u
m
p

Perfs: Brushy Canyon (9/11/2013)
 6556' - 6575' (2 JSPF - 39 holes)

Fish

Fish in Hole:
 900' sandline, sinker bar, swab mandrel & no go
 Tagged with gauge ring @ 7700' (9/12/2019)

Capped with 40' cement
 CIBP @ 9300' (9/10/2013)

Perfs: Bone Spring (7/3/2012)
 9338' - 9366' (4 JSPF - 112 holes)

9540

9700

@ 9628' - 7" 29# HCL-80 Prod. Csg. Cmtd w/ 1565 Sx in 2 stgs

Revised		Producing Well LEASE: 8705 JV-P GEM #10 FIELD: Teas (Bone Spring) LOCATION: 990' FNL 330' FWL Sec. 2 T20S R33E COUNTY: Lea STATE: New Mexico PRODUCING FORMATION: Bone Spring		Drawn	TJW
9/13/2019	Bob Hall			6/12/2012	
				Approved	
				Date	
		 BTA Oil Producers			

Perforate @ 150' &
Attempt to circ. to surface
w/ 75 sx Class C cmt.

Perforate @ 1437' &
Attempt sqz w/ 50 sx Class C cmt.
Displace TOC to 1337'.
WOC & Tag.

Perforate @ 3298' &
Attempt sqz w/ 50 sx Class C cmt.
Displace TOC to 3194'.
WOC & Tag.

Spot 30 sx Class C cement plug.
3574' - 3674'
WOC & Tag.

Perforate @ 5290' &
Attempt sqz w/ 50 sx Class C cmt.
Displace TOC to 5190'.
WOC.

Spot 25 sx Class C cement or
Cap with 35' Class C cement.
CIBP @ 6530'

Spot 40 sx Class H cement plug.
(8135' - 8235')

Capped with 40' cement.
TOC @ 9260'
CIBP @ 9300' (9/10/2013)



KB = 3608
GL = 3584
Diff = 24

X-Mas Tree Top Conn.

@ 1387' - 13-3/8" 54.5# J-55 Surf. Csg. Cmtd w/ 1100 Sx Cmt Circ

Southeastern New Mexico

T. Anhy	T. Bell Canyon
T. Salt	T. Strawn
B. Salt 3004	T. Atoka
T. Yates 3244	T. Misa
T. 7 Rivers 3508	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres	T. Simpson
T. Gloria	T. McKee
T. Paddock	T. Ellenburger
T. Blinberry	T. Gr. Wash
T. Tubb	T. Delaware Sand 5263
T. Drinkard	T. Bone Springs 8185
T. Abo	T. Brushy Cnyn 6310
T. Wolfcamp	T. Brushy Cnyn "Pardue"
T. Penn	T. Loving Sand
T. Cisco (Bough C)	T. Brushy Cnyn "Basal"

Yates @ 3244'

@ 3248' - 9-5/8" 40# J-55 Interm Csg. Cmtd w/ 900 Sx Cmt Circ

DV Tool @ 3624'

Delaware @ 5263'

TOC 5300' on 1st Stage By CBL

Perfs: Brushy Canyon (9/11/2013)
6556' - 6575' (2 JSPF - 39 holes)

Bone Spring @ 8185'

Perfs: Bone Spring (7/3/2012)
9338' - 9366' (4 JSPF - 112 holes)

9540

9700

@ 9628' - 7" 29# HCL-80 Prod. Csg. Cmtd w/ 1565 Sx in 2 stgs

Revised	API #30-025-40315	Drawn	Bob Hall
	LEASE: 8705 JV-P GEM #10		9/13/2019
	FIELD: Teas (Bone Spring)	Approved	
	LOCATION: 990' FNL 330' FWL Sec. 2 T20S R33E	Date	
	COUNTY: Lea STATE: New Mexico		
	PRODUCING FORMATION: Bone Spring		
	 BTA Oil Producers		Proposed P&A



BTA OIL PRODUCERS, LLC

104 SOUTH PECOS STREET
MIDLAND, TEXAS 79701-5021
432-682-3753

CARLTON BEAL, JR.
BARRY BEAL
SPENCER BEAL
KELLY BEAL FAX 432-683-0311
BARRY BEAL, JR.
STUART BEAL
ROBERT DAVENPORT, JR.

GULF COAST DISTRICT
TOTAL PLAZA
1201 LOUISIANA STREET, STE. 570
HOUSTON, TEXAS 77002
713-658-0077 FAX 713-655-0346

ROCKY MOUNTAIN DISTRICT
600 17TH STREET, STE. 2230 SOUTH
DENVER, COLORADO 80202
303-534-4404 FAX 303-534-4661

September 13, 2019

State of New Mexico
OCD
District 1
1625 N. French Drive
Hobbs, NM 88240

HOBBS OCD
SEP 17 2019
RECEIVED

RE: Gem 8705 JV-P #10
Submittal of C-103 Forms for
Documenting Previous Well Work and
Revised P&A procedure

I have enclosed two C-103s, wellbore diagrams and other information to facilitate P&A of the Gem 8705 JV-P #10 (API #30-025-40315).

The plugging rig started work on the well on September 12, 2019. While making the gauge ring run prior to setting the CIBP, the gauge ring tagged and the line slacked off at a depth of 7700'. With that information and upon finding out that only 6200' of tubing was pulled from the well, I searched through the well files to learn that an NMOCD approved (8/28/2013) workover to plug back the well and perforate the Brushy Canyon was executed during September 2013. I did not find a C-103 record of the performance of the well work either online or in our files.

As a result, I have prepared a C-103 for submittal to document the performance of the well work in 2013. A copy of the approved procedure is attached with this submittal. The approved procedure is also online, but it is mixed in with some drilling paperwork near the top of the file.

Also, I am submitting a revised C-103 for the plugging of the well. In short, I deleted the deep CIBP over the Bone Spring and added a CIBP over the Brushy Canyon perforations. Although the gauge ring tagged at 7700', we will try to push the swab tools downhole with tubing so that the first plug for the Bone Spring can be set at 8,235'.

If it is preferred that I submit other paperwork or make a different type of revision, please let me know and I'll take care of it. Thanks for taking the time to review the enclosed submittals.

Sincerely,

Bob Hall
Environmental Manager
bhall@btaoil.com
Cell: (432) 312-2203

GENERAL CONDITIONS OF APPROVAL:

- 1) Insure all bradenheads have been exposed, identified, and valves are operational prior to rigging up on well.
- 2) Contact the appropriate NMOCD District Office no later than 24 hours prior to moving in and rigging up.
- 3) A copy of the approved C103 intent to P&A should be distributed to the onsite company and plugging representatives. Approved procedures are good for a period of one year from approved date, unless otherwise specified on the C103 intent. Approvals past this date will require the submission and approval of a new C103 intent.
- 4) A company representative is required to be present to witness all operations including setting CIBP's, circulation of mud laden fluids, perforating, squeezing or spotting cement plugs, tags, or any other operations approved on the C103 intent to P&A. Company representative should contact the NMOCD and report all operations.
- 5) Any changes that may be required during plugging operations should be approved by the NMOCD before proceeding.
- 6) A closed loop system is to be used for all plugging operations. Contents of the steel pits to be hauled to a NMOCD permitted disposal facility.
- 7) Mud laden fluids must be placed between all cement plugs mixed at 25 sacks of salt gel per 100 barrels of brine.
- 8) All cement plugs will be 100' or 25 sacks cement, whichever is greater. Class 'C' cement will be used above 7500' and Class 'H' below 7500'. Plugs should be no more than 3000' apart
- 9) Site remediation due within one year of well plugging completion.