

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
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 March 25, 1999

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.)		WELL API NO. 30-025-30977
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> Disposal		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator BTA Oil Producers 003002		6. State Oil & Gas Lease No. V-2199
3. Address of Operator 104 S. Pecos, Midland, TX 79701		7. Lease Name or Unit Agreement Name: Gem, 8705 JV-P
4. Well Location Unit Letter <u>O</u> : <u>660</u> feet from the <u>south</u> line and <u>1980</u> feet from the <u>east</u> line Section <u>2</u> Township <u>20S</u> Range <u>33E</u> NMPM Lea County		8. Well No. 3
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3579' GR		9. Pool name or Wildcat SWD, Delaware

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

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: Plug back and open new interval, same pool ☒

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

BTA Oil Producers proposes to plug back from the current Delaware perforations and open a new Delaware interval.

Application for Authorization to Inject has been submitted and approved by the NMOCD Santa Fe office (Order No. R-13722).

See attached proposal and wellbore schematics.

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

SIGNATURE Pam Inskeep TITLE Regulatory Administrator DATE 07/11/2013

Type or print name Pam Inskeep pinskeep@btaoil.com Telephone No. (432) 682-3753

(This space for State use)

APPROVED BY [Signature] TITLE DIST. MGR DATE 7-24-2013

Conditions of Approval: The Operator shall give the OCD District office 24-hours notice before work begins

CONDITION OF APPROVAL: NOTIFY OCD DISTRICT OFFICE 24 HOURS PRIOR TO RUNNING M I T TEST & CHART

IL 2/4 2013

BTA Oil Producers LLC
8705 JV-P GEM No. 3 SWD
Program to Convert to Water Injection Well in Delaware Producing Interval
SWD, Delaware Field
Lea County, New Mexico

Procedure:

1. Move in and set frac tank. Open well and flow back until pressure bleeds off to 0 psi.
2. Move in and rig up pulling unit. ND wellhead. NU BOP.
3. Release packer and pull out of hole. Lay down plastic coated tubing. Send packer to shop for servicing.
4. Pick up 2-7/8" work string. Run in hole with scraper and bit for 5-1/2" 20 & 23# casing to 7743'. Pull out of hole.
5. Move in wireline truck. Run in hole with CIBP for 5-1/2" 20 & 23# casing. Set CIBP at +/- 7700'. Cap with 40 feet of cement.
6. Run in hole with 3-1/8" casing gun loaded with 4 JSPF with premium charges. Correlate to Schlumberger Lithodensity Compensated Neutron Log dated 11/22/90. Perf from 6618 to 6648'.
7. Run in hole with 5-1/2" packer on 2-7/8" work string. Run in hole to 6648'.
8. Load hole and spot 100 gallons 15% HCL acid at 6648'.
9. Raise packer to +/- 6440'. Set packer and pressure test to 500 psi.
10. Break down perfs with pressure and displace acid.
11. Pump 1500 gallons 15% HCl NEFE. Flush to perfs with produced water. Pump at 4 – 5 BPM. Max pressure 6000 psi.
12. Swab back load to clean up perfs.
13. Rig up pump truck. Pump +/- 200 bbls produced water. Note rate and pressure, if injection is acceptable go to next to last step or injection is not acceptable go to next step.
14. Prep to frac well down tubing.
15. Release packer and pull out of hole, lay down work string.
16. Pick up injection string and nickel plated injection packer. Run in hole. Set packer +/- 50 feet about top perforation. Release from packer. Circulate hole with packer fluid. Latch on to nickel plated packer. ND BOP. NU wellhead. Place well to injection and report rates and pressures.

Tubing Detail

2-7/8" 6.5# IPC Steel Tbg

KB = 14'

X-Mas Tree Top Conn.

@ 1385' - 20" 106.5# K-55 Surf. Csg. Cmt'd w/ 2100 Sx Cmt Circ

@ 3100' - 13-3/8" 61 & 68# K-55 Intern Csg. Cmt'd w/ 2200 Sx Cmt Circ

2-7/8" 6.5# IPC Steel Tbg

@ 5462' - 9-5/8" 40# K-55& HC-80 Intern Csg. Cmt'd w/ 1600 Sx Cmt Circ

5-1/2" Nipl'd Loc-set Pkr w/ on-off tool w/ 1.87" ID nipple @ 7,566'

Delaware Perfs 7,743 - 7,839'; 7,900 - 7,920' w/ 2 JSPF

Delaware Perfs 7,926 - 7,940' w/ 4 JSPF

Delaware Perfs 8,016 - 8,022' w/ 4 JSPF

9220

Bone Spring Perfs 9,388 - 448' w/ 1 JSPF

Bone Spring Perfs 9,538 - 85' w/ 1 JSPF

Bone Spring Perfs 9,843 - 64' w/ 1 JSPF

Bone Spring Perfs 10,196 - 237' w/ 1 JSPF

12510

CIBP @ 12550'

Atoka Perfs 12,762- 781' w/ 4 JSPF

40' 3-1/8" dump bailer

Morrow Perfs 13,297 - 321'; 13,375 - 393'; 13,422- 428' w/ 2 JSPF


Morrow Perfs 13,534- 540'; 13,548 - 569'; 13,574 - 588' w/ 1 JSPF

13,627

13700

@ 13700' - 5-1/2" 20 & 23# L-80 Prod. Csg. Cmt'd w/ 2900 sx Cmt Circ

Attachment B

Revised	SWD Well		Drawn	TJW
	LEASE	8705 JV-P GEM #3 SWD	4/13/2011	
	FIELD	TEAS (Delaware)		
	LOCATION	660' FSL 1980' FEL Sec. 2 T20S R33E	Approved	
	COUNTY	Lea STATE: New Mexico	Date	
	PRODUCING FORMATION:			
				
	BTA Oil Producers			

Tubing Detail

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2-7/8" 6.5# IPC Steel Tbg

Proposed Delaware Perfs 6618 - 6648'

7680

Delaware Perfs 7,743 - 7,839'; 7,900 - 7,920' w/ 2 JSPF

Delaware Perfs 7,926 - 7,940' w/ 4 JSPF

Delaware Perfs 8,016 - 8,022' w/ 4 JSPF

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Bone Spring Perfs 9,388 - 448' w/ 1 JSPF

Bone Spring Perfs 9,538 - 585' w/ 1 JSPF

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40' 3-1/8" dump baller

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13,627'

13700

@ 13700' - 5-1/2" 20 & 23# L-80 Prod. Csg. Cmt'd w/ 2900 sx Cmt Circ

Attachment C

Revised		PROPOSED		Drawn	TJW
		LEASE:	8705 JV-P GEM	#3 WIW	4/13/2011
		FIELD:	TEAS (Delaware)		
		LOCATION:	660' FSL 1980' FEL Sec. 2 T20S R33E		
		COUNTY:	Lea	STATE:	New Mexico
		PRODUCING FORMATION:			Date
					
		BTA Oil Producers			