

**N.M. Oil Cons. Division**  
**1625 N. French Dr.**  
**Hobbs, NM 88240**

AMENDED

Form 3160-4  
(April 2004)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other \_\_\_\_\_

2. Name of Operator **BTA Oil Producers**

3. Address **104 S. Pecos, Midland, TX 79701**

3a. Phone No. (include area code)  
**432-682-3753**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface **660' FSL & 1980' FEL SW/SE (U. ltr O)**

At top prod. interval reported below

At total depth

14. Date Spudded  
**10/30/2003**

15. Date T.D. Reached  
**01/14/2004**

16. Date Completed  
☐ D & A ☒ Ready to Prod.

18. Total Depth: MD **13630'**  
TVD \_\_\_\_\_

19. Plug Back T.D.: MD **13530'**  
TVD \_\_\_\_\_

20. Depth Bridge Plug Set: MD \_\_\_\_\_  
TVD \_\_\_\_\_

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

**Dual Laterolog - GR, CN-GR**

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	54.5#	0	1005'		CI C 1000 sx		Circulate	
12-1/4"	9-5/8"	40#	0	5010'		CI C 1500 sx		Circulate	
8-3/4"	7"	29#	0	11800'		CI H 750 sx		753' (Temp)	
6-1/8"	5"	18#	11327'	13626'		CI H 250 sx			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	11777'	11185'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Canyon Lime	11815'	11835'	12979-13006'	6 JSPF	156	Plugged *
B)			13009-13020'	6 JSPF	72	Plugged *
C)				*3 sx sd	on plug in	dkr @ 12812'
D)			11815-11835'	4 JSPF	84	Open

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
12979-13006'	A w/1500 gals 7-1/2% HCL + 850 gal 15% HCL, F w/28000 gals foam + 21000# bauxite
13009-13020'	A w/2500 gals 7-1/2% MSA
11815-11835'	A w/5000 gals 15% NeFe w/ball sealers. A w/20000 gals 15% HCL.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/27/2004	03/16/2004	24	→	120	1400	0	N/A	.633	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
3/4"	SI 220	—	→	120	1400	0	11667	On line [4/16/2004]	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

**ACCEPTED FOR RECORD**

**MAY 17 2004**

GARY GOURLEY  
PETROLEUM ENGINEER

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Rustler Anhydrite	990'
				Delaware Mountain Group	4984'
				Bone Spring	8530'
				1st Bone Spring Sand	9588'
				2nd Bone Spring Sand	10152'
				3rd Bone Spring Sand	11069'
				Wolfcamp	11310'
				Canyon Lime	11815'
				Strawn	11900'
				Atoka	12194'
				Morrow Lime	12473'
				Morrow Clastics	12774'
				Lower Morrow	13459'

## 32. Additional remarks (include plugging procedure):

Deviation Survey provided with initial filing (4/1/2004)

Logs provided with initial filing (4/1/2004)

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

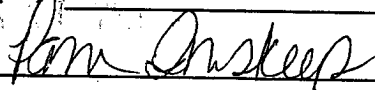
- ☐ Electrical/Mechanical Logs (1 full set req'd.)    ☐ Geologic Report    ☐ DST Report    ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification    ☐ Core Analysis    ☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Pam Inskeep

Title Regulatory Administrator

Signature



Date 05/03/2004

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.