

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Oil Cons. Division  
French Dr.  
Hobbs, NM 88240  
FORM 3160-4  
OMB NO. 1004-0137  
February 28, 1995  
LEASE DESIGNATION AND SERIAL NO.  
NMNM82799

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME									
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>				7. UNIT AGREEMENT NAME									
2. NAME OF OPERATOR BTA Oil Producers				8. FARM OR LEASE NAME, WELL NO. Grama Ridge Fed., 8817 JV-P, #3									
3. ADDRESS AND TELEPHONE NO. 104 S. Pecos; Midland, TX 79701 (915) 682-3753				9. API WELL NO. 30-025-35007									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 1100' FWL SW/SW At top prod. interval reported below  At total depth				10. FIELD AND POOL, OR WILDCAT Grama Ridge, Morrow									
14. PERMIT NO.				DATE ISSUED 06/02/00		12. COUNTY OR PARISH Lea		13. STATE NM					
15. DATE SPUDDED 07/15/00		16. DATE T.D. REACHED 09/20/00		17. DATE COMPL. (Ready to prod.) 10/30/00		18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3572' GR; 3591' RKB		19. ELEV. CASINGHEAD					
20. TOTAL DEPTH, MD & TVD 13360'		21. PLUG, BACK T.D., MD & TVD 13277'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS X		CABLE TOOLS					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*								25. WAS DIRECTIONAL SURVEY MADE No					
26. TYPE ELECTRIC AND OTHER LOGS RUN Azimuthal Laterolog MicroCFL; Density Neutron								27. WAS WELL CORED No					
28. CASING RECORD (Report all strings set in well)													
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED			
13-3/8"		54.5#		1295'		17-1/2"		1250 sx - Surface					
9-5/8"		40#		5269'		12-1/4"		1600 sx - Surface					
7"		29#		11720'		8-3/4"		800 sx - TOC @ 2850'					
29. LINER RECORD										30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE			
5"		11295'		13360'		225				2-7/8"			
										DEPTH SET (MD)			
										12972			
										PACKER SET (MD)			
										12926			
31. PERFORATION RECORD (Interval, start and stop depth) 13,011' - 13,020' & 13,024' - 13,032' (4 JSPF)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
ACCEPTED FOR RECORD JAN 17 2001 LB										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
										13011-13032'		A w/750 gal 7-1/2% HCl	
												F w/22000 gal + 4000# sand	
33. * PRODUCTION													
DATE FIRST PRODUCTION 10/30/00		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) Prod					
DATE OF TEST 10/30/00		HOURS TESTED 24		CHOKE SIZE		PROD'N FOR TEST PERIOD		OIL—BBL. 0		GAS—MCF. 28			
FLOW. TUBING PRESS. 30		CASING PRESSURE 0		CALCULATED 24-HOUR RATE		OIL—BBL. 0		GAS—MCF. 28		WATER—BBL. 0			
										OIL GRAVITY-API (CORR.) N/A			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold								TEST WITNESSED BY Jim Shirley					
35. LIST OF ATTACHMENTS													
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records													
SIGNED <u>Tom Driskell</u>				TITLE <u>Regulatory Administrator</u>				DATE <u>11/29/00</u>					

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

37. SUMMARY OF POROUS ZONES: (Summarize all important zones of porosity and contents of roof; cored intervals; and all drill-stem, tests, including depth intervals tested, cushion used, time tool open, flowing at shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Yates	3830		
Delaware Mtn. Group	5192		
Bone Spring Carbonate	8503		
Strawn Carbonate	11780		
Upper Morrow Clastics	12640		
Upper Morrow "EO2" Sand	12838		
Middle Morrow "A" Sand	12996		
Middle Morrow "C" Sand	13164		

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH

RECEIVED  
DEC 07 2000  
BLM  
ROSWELL, NM

WELL NAME AND NUMBER 8817 JV-P Gramma Ridge Federal #3 Unit M  
 LOCATION Section 9, T-22-S, R-34-E, Lea County, New Mexico 660/3 & 1100/42  
 OPERATOR BTA Oil Producers, 104 South Pecos, Midland, Texas 79701 30-025-35007  
 DRILLING CONTRACTOR TMBR/Sharp Drilling, Inc., P. O. Drawer 10970, Midland, TX 79702

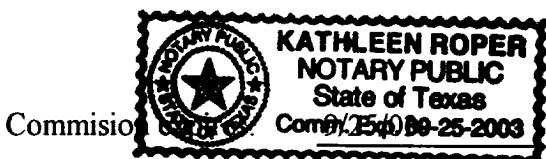
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
<u>.50 @ 229'</u>	<u>.50 @ 4,933'</u>	<u>.75 @ 9,456'</u>	<u>2.25 @ 13,360'</u>
<u>1.00 @ 945'</u>	<u>.50 @ 5,269'</u>	<u>1.00 @ 9,642'</u>	
<u>.75 @ 1,192'</u>	<u>1.00 @ 5,647'</u>	<u>.25 @ 9,799'</u>	
<u>1.00 @ 1,295'</u>	<u>1.50 @ 6,148'</u>	<u>1.25 @ 10,044'</u>	
<u>.50 @ 1,536'</u>	<u>1.75 @ 6,618'</u>	<u>1.00 @ 10,198'</u>	
<u>.50 @ 1,937'</u>	<u>2.00 @ 7,118'</u>	<u>1.75 @ 10,420'</u>	
<u>.25 @ 2,343'</u>	<u>3.25 @ 7,615'</u>	<u>2.00 @ 10,545'</u>	
<u>.50 @ 2,747'</u>	<u>3.00 @ 7,802'</u>	<u>1.75 @ 10,765'</u>	
<u>2.00 @ 3,092'</u>	<u>2.00 @ 7,991'</u>	<u>2.00 @ 10,966'</u>	
<u>2.25 @ 3,245'</u>	<u>2.00 @ 8,179'</u>	<u>2.00 @ 11,160'</u>	
<u>2.00 @ 3,405'</u>	<u>1.00 @ 8,431'</u>	<u>2.00 @ 11,329'</u>	
<u>2.00 @ 3,683'</u>	<u>2.25 @ 8,680'</u>	<u>2.00 @ 11,940'</u>	
<u>1.50 @ 3,902'</u>	<u>1.25 @ 8,802'</u>	<u>2.00 @ 12,450'</u>	
<u>.50 @ 4,310'</u>	<u>1.00 @ 8,989'</u>	<u>2.00 @ 12,632'</u>	
<u>.50 @ 4,559'</u>	<u>.75 @ 9,236'</u>	<u>2.00 @ 12,925'</u>	

Drilling Contractor TMBR/Sharp Drilling, Inc.

By Jeffrey D. Phillips  
 Jeffrey D. Phillips, Vice President

Subscribed and sworn to before me this 25th day of October 2000



Kathleen Roper  
 Notary Public Kathleen Roper

Commissioned Midland County, Texas

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

Case Designation and Serial No.  
NMNM82799

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

BTA OIL PRODUCERS

3. Address and Telephone No.

104 SOUTH PECOS, MIDLAND, TX 79701 915/682-3753

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FSL & 1100' FWL  
Sec. 9, T22S, R34E

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Grama Ridge Fed., 8817 JV-P #3

9. API Well No.

30-025-35007

10. Field and Pool, or Exploratory Area

Grama Ridge, Morrow

11. County or Parish, State

Lea Co, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

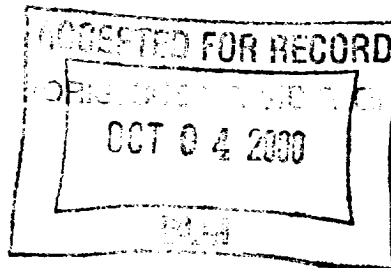
- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other 5" liner, Release Rig  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

09/19/00 Depth 13,360' PB 13,277'. Drilled cmt to top of 5" liner @ 11,295'. Cleaned out to FC/LC @ 13,277'.

09/20/00 Depth 13,360' PB 13,277'. LD DP & DC's. Set out OBP's & installed blind flange. Cleaned pits.  
RELEASED RIG: 6 a.m. 6/20/00. Rigging down.



2000 SEP 28 P 2:49

14. I hereby certify that the foregoing is true and correct

Signed [Signature]

Title Regulatory Administrator

Date 09/25/00

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

\*See Instruction on Reverse Side

GWW