Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

N.M. C., Cons. Division 1625 N. French Dromb NO. 1004-0137 Hobbs. NM Research November 30, 2000

At top prod. interval reported below Sec. T. R. M. on Block and Sec. T. R. R. B. M. N. On Block and Sec. T. R. M. on Block and Sec. T. R. R. B. M. N. On Block and Sec. T. R. M. on Block and Sec. T. R. R. B. M. N. On Block and Sec. T. R. M. On Block and Sec. T. R. M. On Block and Sec. T			
b. Type of Completion:			
Name of Operator TMBR/Sharp Drilling, Inc. S. Phone No. (include area code) (915) 699-5050 National Accordance with Federal requirements)* 10. Field and Pool, or Explorator Name of Operator Name of Op	ime		
2. Name of Operator TMBR/Sharp Drilling, Inc. 3. Address P. O. Drawer 10970 Midland, TX 79702 4. Location of Well Report location clearly and in accordance with Federal requirements)* 4. Location of Well Report location clearly and in accordance with Federal requirements)* At surface 1980 * FSL & 990 * FWL, Sec. 21, T-18S, R-32E At top good, interval reported below At total depth 4. Date Spudded 15. Date TD. Reached 11/30/00 1/24/01 15. Date TD. Reached 11/30/00 1/24/01 15. Date TD. Reached 17. Date Spudded 17. Date Spudded 18. Total Depth: MD 13,043 19. Plug Back TD: MD 12,865 TVD 20. Depth Bridge Plug Set: MD 12,900 TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL-Density—GR, DLL, Micro-Log 22. Was well cored? 33. Cassing and Liner Record (Report all strings set in well) Hole Size Size/Grade 34. Wi. (#/fit.) Top (MD) Bottom (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Size Size No. Holes Size No. Holes Size No. Holes Size No. Holes Si	and No.		
TMBR/Sharp 21 Fed APP AP			
Maidland, TX 79702 (915) 699-5050 30-025-35251	a #1		
As surface 1980 FSL & 990 FWL, Sec. 21, T-18S, R-32E 10. Eticla and Pool, or Exploratory 11. Sec., T. R. M., on Block and Survey or Area 11. T-1 12. County or Parish 13. Suc. 13. No. 14. Date Spudded 15. Date T.D. Reached 17. July 12. All County or Parish 13. Suc. 13. No. 14. Date Spudded 15. Date T.D. Reached 17. July 12. All County or Parish 13. Suc. 13. No. 14. Date Spudded 15. Date T.D. Reached 17. July 19. Plug Back T.D.: MD 12. 865 20. Depth Bridge Plug Sec. MD 12. 900 TVD 17. TVD 12. No. 17. Elevations (DF. RKB, RT. Gl 17. TVD 12. No. 17. Elevations (DF. RKB, RT. Gl 17. TVD 12. No. 17. Elevations (DF. RKB, RT. Gl 17. TVD 12. No. 17. Elevations (DF. RKB, RT. Gl 17. TVD 12. No. 17. Elevations (DF. RKB, RT. Gl 17. TvD 12. No. 17. Elevations (DF. RKB, RT. Gl 17. TvD 12. No. 13. No. 13	Com #1		
At surface 1980 FSL & 990 FWL, Sec. 21, T-18S, R-32E			
At top prod. interval reported below Survey or Area 21 T-1	y		
1.	Lusk; Morrow, N.		
At total depth 4. Date Spudded 4. Date Spudded 5. Date T D. Reached 17. Date Completed 17. Elevations (DF, RKB, RT, Gi D & A 24/901	11. Sec., T., R., M., on Block and Survey or Area		
At total depth 15. Date T.D. Reached 16. Date Completed 17. Elevations (DF, RKB, RT, GI	<u>85, R-</u> 3		
15. Date Spudded 15. Date TD. Reached 16. Date Completed 17. Elevations (DF, RKB, RT, Gi			
11/30/00			
8. Total Depth: MD 13,043			
TVD			
CNL-Density-GR, DLL, Micro-Log			
Stage Cementer No. of Sks. & Slurry Vol. Cement Top* Amount	1		
Casing and Liner Record (Report all strings set in well) Stage Cementer Depth Type of Cement Slurry Vol. (BBL) Cement Top* Amount			
Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Depth Type of Cement (BBL) Cement Top* Amount In Type of Cement Top* Amount In Type of Cement Top* Amount In Type of Material			
2 1/4 95/8J-\$5 40 Surface 4267 1890 65/35 Poz 398 Surface 0 8 1/2 51/2 17 Surface 13046 10008 975 H 205 10008 0 (P-110)	Pulled		
8 1/2 51/2 17 Surface 13046 10008 975 H 205 10008 0			
Companies Comp			
N-80			
4. Tubing Record Size Depth Set (MD) Packer Depth (MD) Packer Depth Set (MD) Pack			
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)			
2 7/8 12,686 12,686 12,686 26. Perforation Record Size No. Holes Perf. Status			
26. Perforation Record Formation Top Bottom Perforated Interval Size No. Holes Perf. Status	pth (MD)		
Formation Top Bottom Perforated Interval Size No. Holes Perf. Status Morrow 12,475 12,993 12,933-12,959 16 P&A 12,762-12,782 72 Producing 7. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material 12,933-12,959 750 gal 7 1/2% Morrow acid w/25% methonal 12,762-12,782 1000 gal 7 1/2% Morrow acid w/25% methonal Frac w/8200 gal gelled H2O + 52 tons CO2 + 390,000 SCF N2 + 24,000			
Morrow 12,475 12,993 12,933-12,959 16 P&A			
12,762-12,782 72 Producing 12,762-12,782 72 Producing 7. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material 12,933-12,959 750 gal 7 1/2% Morrow acid w/25% methonal 12,762-12,782 1000 gal 7 1/2% Morrow acid w/25% methonal Frac w/8200 gal gelled H ₂ O + 52 tons CO ₂ + 390,000 SCF N ₂ + 24,000			
) 7. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 12,933-12,959 750 gal 7 1/2% Morrow acid w/25% methonal 12,762-12,782 1000 gal 7 1/2% Morrow acid w/25% methonal Frac w/8200 gal gelled H ₂ O + 52 tons CO ₂ + 390,000 SCF N ₂ + 24,000			
7. Acid, Fracture. Treatment, Cement Squeeze, Etc. Depth Interval 12,933-12,959 750 gal 7 1/2% Morrow acid w/25% methonal 12,762-12,782 1000 gal 7 1/2% Morrow acid w/25% methonal Frac w/8200 gal gelled H ₂ O + 52 tons CO ₂ + 390,000 SCF N ₂ + 24,000			
Depth Interval			
12,933-12,959			
12,762-12,782			
Frac w/8200 gal gelled $H_{2}O + 52$ tons $CO_2 + 390,000$ SCF $N_2 + 24,000$			
	0 lbs		
Bauxite			
8. Production - Interval A Pate First Test Hours Test Oil Gas Water Oil Gravity Gas Production FOR REPORTED FOR INC.	77111		
roduced Date Tested Production BBL MCF BBL Corr. API Gravity	ן מאטי		
29/01 7/4/01 24 63 1282 0 51.2 .672 Flowing hoke The Press Csg. 24 Hr. Oil Gas Water Gas Oil Well Status	1		
Flwg. 3.25 Oress. Rate BBL MCF BBL Ratio			
172 St 3800 0 20349 Producing	1		
a. Production - Interval B ate First			
Tested Date Test Date Tested Production Date Test Production Date Production Date Date Date Date Date Date Date Date	ER		
hoke Tbg. Press. Csg. Press. Rate BBL Gas BBL Gas Gas: Oil Ratio Well Status			

28b.Produc	ction - Interv	val 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. Produ	ction - Inter	vai 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.	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

31. Formation (Log) Markers

Formation To	p Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
one Springs 874	10 8760	Dolomite w/oil stain & cut	Salt	1,200
olfcamp 105			Yates	2,700
orreamp pos	70 10004	vellow flour.	: Seven Rivers	3,141
orrow 127	62 12782	Sandstone - fine to med grain sand w/good inter-	Queen	3,820
0110W	12,02		Grayburg	4,350
		grannular porosity	San Andres	4,740
		January Paragraph	Delaware	5,828
		rmation.	Bone Springs	6,894
			Wolfcamp	10,135
			Penn	10,743
ee attached fo	r DST inf		Strawn	11,632
ee accached re	/		Atoka	11,840

32. Additional remarks (include plugging procedure):

33	Circle	enclosed	attachments:
JJ.	CHUIC	CHCIOSCG	attacimients.

Electrical/Mechanical Logs (1 full set req'd.)

2. Geologic Report

3. DST Report

4. Directional Survey

5. Sundry Notice for plugging and cement verification 6. Core Analysis

7. Other:

Production Manager Lonnie Arnold

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



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