UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSEP 25 2007  
OCD-ARTESIAFORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. NM 98157			
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. . Other _____						6. If Indian, Allottee or Tribe Name			
2. Name of Operator <b>CHI OPERATING, INC.</b>						7. Unit or CA Agreement Name and No.			
3. Address <b>212 N. Main, Midland, Texas 79701</b>						3a. Phone No. (include area code) <b>432-685-5001</b>		8. Lease Name and Well No. <b>Mental Floss 18 Fed. #1</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>1980' FNL &amp; 1470' FEL</b>  At top prod. interval reported below  At total depth						9. AFI Well No. <b>30-015-35229</b>			
14. Date Spudded <b>02/24/2007</b>						15. Date T.D. Reached <b>03/22/2007</b>		10. Field and Pool, or Exploratory <b>Wildcat Morrow</b>	
16. Date Completed <b>08/08/2007</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod						11. Sec., T., R., M., on Block and Survey or Area <b>18-T16S-R27E</b>			
17. Elevations (DF, RKB, RT, GL)* <b>GL-3423</b>						12. County or Parish <b>EDDY</b>		13. State <b>NM</b>	
18. Total Depth: MD <b>8352'</b> TVD			19. Plug Back T.D. MD TVD			20. Depth Bridge Plug Set. MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>GR-CAL-CNL,LDT,DDL,MSFL</b>						22. Was well cored? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 3/4"	9 5/8"	36/40#			1200'	450sks "C"	160sks	Surface	
7 7/8"	4 1/2"	11.6#			8221'	1100sks "C"		TOC 4089'	
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 3/8"		6503'							
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No Holes	Perf Status	
A) Cisco		6626'	6864'	6626-6864' 1spf					
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval			Amount and Type of Material						
6626-6864'			4 bbls 15% HCL acid						
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
08/08/2007	08/12/2007	24hrs	→		347 MCF				FLOWING
Choke Size	Tbg Press. Flwg SI	Csg Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						FLOWING
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)

## 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
San Andres Glorieta Abo Wolfcamp Cisco Strawn Atoka Morrow Upper Miss Chester	1181' 2453' 4557' 5758' 6598' 7646' 7980' 8042' 8132' 8273'				

32. Additional remarks (include plugging procedure):

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:

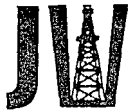
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) **ROBIN ASKEW**Title **REGULATORY CLERK**

Signature

Date **09/05/2007**

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.



# DRILLING INC. Oil Well Drilling Contractor

Post Office Box 160 • Artesia, NM 88211-0160 • Office (505) 748-8704 • Fax (505) 748-8719

April 5, 2007

Chi Operating, Inc.  
P.O. Box 1799  
Midland, Texas 79704-1799

Re: Mental Floss 18 Fed. #1  
Sec.18, T-16-S, R-27-E  
Eddy County, New Mexico

Attn: Gary Womack

The following is a Deviation Survey on the referenced well in Eddy, County, New Mexico:

177' - 1.00 °	2772' - 0.75 °	5549' - 3.00 °	6627' - 0.30 °
575' - 0.75 °	3085' - 0.75 °	5643' - 3.75 °	6725' - 0.20 °
821' - 1.25 °	3462' - 0.50 °	5675' - 3.50 °	6814' - 0.20 °
1208' - 3.25 °	3931' - 1.00 °	5968' - 0.50 °	6964' - 0.20 °
1458' - 1.50 °	4337' - 0.75 °	6062' - 0.40 °	7057' - 0.20 °
1677' - 1.50 °	4525' - 1.00 °	6344' - 0.30 °	7284' - 0.90 °
2084' - 0.50 °	4893' - 2.00 °	6437' - 0.30 °	7378' - 0.90 °
2521' - 1.75 °	5332' - 4.00 °	6532' - 0.30 °	7940' - 1.50 °

Sincerely,

Gary W. Chappell  
Contracts Manager

STATE OF NEW MEXICO )  
COUNTY OF EDDY )

The foregoing was acknowledged before me this 5th day of April, 2007 by Gary W. Chappell.

MY COMMISSION EXPIRES

2/25/08

  
NOTARY PUBLIC