

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCD-HOBBS

MAY 25 2011

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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. <b>NM-0559539</b>	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv., Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator <b>Harvard Petroleum Company, LLC</b>		7. Unit or CA Agreement Name and No.	
3. Address <b>PO BOX 936, Roswell, NM 88202-0936</b>		8. Lease Name and Well No. <b>James 19 Federal #1</b>	
3a. Phone No. (include area code) <b>575-623-1581</b>		9. AFI Well No. <b>30-025-33085</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>660 FSL &amp; 2310 FEL</b> At top prod. interval reported below <b>660 FSL &amp; 2310 FEL</b> At total depth <b>660 FSL &amp; 2310 FEL</b>		10. Field and Pool, or Exploratory <b>Triste Draw Delaware, West</b>	
14. Date Spudded <b>4/8/03</b>		16. Date Completed <b>4/30/03</b> <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod.	
15. Date T.D. Reached <b>10/29/95</b>		17. Elevations (DF, RKB, RT, GL)* <b>3620.78 KB</b>	

18. Total Depth: MD <b>10,000</b> TVD <b>10,000</b>	19. Plug Back T.D.: MD <b>8600</b> TVD <b>8600</b>	20. Depth Bridge Plug Set: MD <b>8600</b> TVD <b>8600</b>
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>see previously submitted logs</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 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
17 1/2"	13 3/8 K55	48	Surf	535		570 sx C		Surf (circ 50 sx)	
11"	8 5/8 J55	24 & 32	Surf	4505		1225 sx C		Surf circ 120 sx	
7 7/8"	5.5 K & N	17	Surf	10000		1205 sx C		2400' CBL	

## 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	7010	7010						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	7043	8341	7884-8341	.34	20	open
B)			7405-7513	.34	12	open
C)			7043-7331	.34	27	open
D)						

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

Depth Interval	Amount and Type of Material
7884-8341	1500 gal 10% NeFe, 35,500 gal 30# xlink w 95.5K 20/40 & 24K 20/40 RC
7405-7513	1250 gal 10% NeFe, 33,500 gal 35# linear w 48K 20/40 and 12K 20/40 RC
7043-7331	1500 gal 10% NeFe, 54,500 gal 30# xlink w 113.5K 20/40 and 27K 20/40 RC

## 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
5/1/03	5/2/03	24	→	66	92	253	38		Hydraulic Jet Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. NA	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
NA	NA	NA	→	66	92	253	1394	Producing	

## 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)

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## 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

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

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Carlsbad Field Office  
Carlsbad, N.M.

## 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) JEFF HARVARDTitle ManagerSignature [Signature]Date 4/11/11

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.