HOBBS OCD

Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECD-HOBBS
MAY 25 2011
RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5. Lease Serial No. **NM-0559539**
6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Lease Name and Well No. **James 19 Federal #2**

2. Name of Operator **Harvard Petroleum Company, LLC**

3. Address **PO BOx 936, Roswell. NM 88202-0936**
3a. Phone No. *(include area code)* **575-623-1581**

9. AFI Well No. **30-025-33100** 52
10. Field and Pool, or Exploratory **Triste Draw Delaware, West** KZ

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**
At surface **1980 FSL & 2310 FEL**
At top prod. interval reported below **1980 FSL & 2310 FEL**
At total depth **1980 FSL & 2310 FEL**

11. Sec., T., R., M., on Block and Survey or Area **Sec 19-T23S-R32E**
12. County or Parish **Lea**
13. State **NM**

14. Date Spudded **10/28/00**
15. Date T.D. Reached **10/29/95**
16. Date Completed **12/8/00** ☐ D & A ☑ Ready to Prod.
17. Elevations (DF, RKB, RT, GL)* **3626.5 KB**

18. Total Depth: MD **8839** TVD **8839**
19. Plug Back T.D.: MD **8592** TVD **8592**
20. Depth Bridge Plug Set: MD **8592** TVD **8592**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
see previously submitted logs

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 Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8 K55	48	Surf	536		470 sx C		Surf (circ 70 sx)	
11"	8 5/8 J55	24 & 32	Surf	4520		1400 sx C		Surf circ 170 sx	
7 7/8"	5.5 J & N	17	Surf	8839		985 sx H		3850 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	7200	7200						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	7223	8345	8242-8345	.34	20	open
B)			7492-7878	.34	29	open
C)			7223-7421	.34	22	open
D)						

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

Depth Interval	Amount and Type of Material
8242-8345	2000 gal 7.5% NeFe, 42.9K gal 35# xlink w 51.9K 20/40 & 20K 20/40 RC
7492-7878	2000 gal 7.5% NeFe, 47,232 gal 35# linear w 70.1K 20/40 and 24.1K 20/40 RC
7223-7421	1500 gal 10% NeFe, 42,000 gal 35# xlink w 62.5K 20/40 and 22K 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
12/9/00	12/13/00	24		61	63	512	38		Hydraulic Jet Pump

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
NA	NA	NA		61	63	512	1033	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)

KZ

ACCEPTED FOR RECORD
MAY 14 2011
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

Bureau of Land Management
RECEIVED
MAY 02 2011
Carlsbad Field Office
Carlsbad, N.M.

32. Additional remarks (include plugging procedure):

33. Indicate which itmes 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 Harvard** Title **Manager**

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.