

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

5. Lease Serial No.  
NM-0559539

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resrv.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name  
7. Unit or CA Agreement Name and No.  
8. Lease Name and Well No.  
James Federal, Well #4  
9. API Well No.  
30-025-35843  
10. Field and Pool, or Exploratory  
West Triste Draw, Delaware  
11. Sec., T., R., M., on Block and Survey  
or Area  
Sec 29-T23S-R32E  
12. County or Parish  
Lea NM  
13. State

2. Name of Operator  
Harvard Petroleum Corporation  
3. Address  
PO Box 936, Roswell, NM 88202-0936  
3a. Phone No. (include area code)  
505-623-1581

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 1980' FSL & 2308' FEL  
At top prod. interval reported below same  
At total depth same

14. Date Spudded 4/29/02  
15. Date T.D. Reached 5/15/02  
16. Date Completed  D&A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
3681' GL 3693' KB reference Elv

18. Total Depth: MD 8632'  
TVD 8632'  
19. Plug Back T.D.: MD 8584'  
TVD 8584'

20. Depth Bridge Plug Set: MD NA  
TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CNL/LDT/GR, AIT, CBL

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"/H40	54.5	surf	560'	NA	523 sx "C"	125	surf Circ	none
11"	8 5/8"/J55	32	surf	4600'	NA	1500 Poz C	508	surf Circ	none
7 7/8"	5 1/2" J&N	17	surf	8632'	6807'	870 Poz C	265	2000' CBL	none

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"	7323'	7323'						

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	7340'	8506'	8417-8506	.37	18	open
B) Delaware (cont)			8106-8115	.37	8	open
C) Delaware (cont)			7730-7732	.37	8	open
D) Delaware (cont)			7340-7420	.37	14	open

26. Perforation Record

Depth Interval	Amount and Type of Material
8417-8506	1500 gals 10% NeFe, 30,500 gals 30# xlink w/ 65,000# 20/40
8106-8115	1500 gals 10% NeFe, 4200 gals 40# linear w/ 5,000# 20/40
7730-7732	1500 gals 10% NeFe, 4200 gals 40# linear w/ 5,000# 20/40
7340-7420	1250 gals 10% NeFe, 32,000 gals 30# xlink w/ 85,000# 20/40

ACCEPTED FOR RECORD  
ORIG. SGD. DAVID R. GLASS  
OCT 24 2002

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
7/13/02	7/19/02	24	<input type="checkbox"/>	114	258	224	40		hydraulic 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	<input type="checkbox"/>	114	258	287	2263	producing	

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
			<input type="checkbox"/>						
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

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
			<input type="checkbox"/>						
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

Handwritten initials and signature: KE