

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, 20005. Lease Serial No.
NM-05595391a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

Harvard Petroleum Corporation

8. Lease Name and Well No.

James Federal, Well #6

3. Address

PO Box 936, Roswell, NM 88202-0936

3a. Phone No. (include area code)

505-623-1581

9. API Well No.

30-025-35888

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1980' FNL & 1980' FEL

At top prod. interval reported below same

At total depth same

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

13. State

NM

14. Date Spudded

8/10/02

15. Date T.D. Reached

8/23/02

16. Date Completed

☐ D&A☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

3673' GL 3685' KB reference Elv

18. Total Depth: MD 8700'
TVD 8700'19. Plug Back T.D.: MD 8660'
TVD 8660'20. 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"/H40	54.5	surf	575'	NA	500 sx "C"	118	surf Circ	none
11"	8 5/8"/J55	32	surf	4586'	NA	1350 Poz C	455	surf Circ	none
7 7/8"	5 1/2" J&N	17	surf	8700'	NA	1060 Poz C	326	3930' CBL	none
						2 sqz holes	5390'		

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"	6920'	6920'						

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	6955'	8495'	8403-8495	.37	20	open
B)			7973-8174	.37	16	open
C)			7363-7445	.37	22	open
D)			6955-7270	.37	20	open

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

Depth Interval	Amount and Type of Material
8403-8495	1000 gals 10% NeFe, 31,000 gals 30# xlink w/ 78,080# 20/40
7973-8174	1000 gals 10% NeFe, 33,000 gals 30# xlink w/ 60,400# 20/40
7363-7445	1250 gals 10% NeFe, 33,500 gals 30# xlink w/ 85,220# 20/40
6955-7270	1000 gals 10% NeFe, 34,000 gals 30# xlink w/ 64,180# 20/40

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
9/30/02	10/8/02	24	<input type="checkbox"/>	163	157	383	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"/>	163	157	383	963	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
			<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"/>						

ACCEPTED FOR RECORD

OCT 24 2002

OCT 24 2002

DAVID H. GLASS

PETROLEUM ENGINEER

K

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

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

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
Delaware	6955	8495	Sand, Oil, Gas and Water	Rustler	1170
				Salado	1322
				Castillo	4525
				Lamar	4770
				Delaware	4798
				Cherry Canyon	5678
				Brushy Canyon	7352
				Bone Spring	8622

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- ☒ 1 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: _____

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 PresidentSignature  Date 10/18/02

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.