

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Div
1625 N. French Dr.
HOBBS, NM 88240

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. Resvr.
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 #9

9. API Well No.

30-025-36031

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

13. State

Lea

NM

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 & 990' FEL

At top prod. interval reported below same

At total depth same

14. Date Spudded

10/31/02

15. Date T.D. Reached

11/20/02

16. Date Completed

☐ D&A

☒ Ready to Prod.

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

3672' GL 3690' KB reference Elv

18. Total Depth: MD 8657'
TVD 8657'

19. Plug Back T.D.: MD 8618'
TVD 8618'

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	563'	NA	500 sx "C"	120	surf Circ	none
11"	8 5/8"/J55	32	surf	4628'	NA	1722 Poz C	572	surf Circ	none
7 7/8"	5 1/2"/J&N	17	surf	8657'	6807'	915 Poz C	280	2250' 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"	6880'	6880'						

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	6921'	8508'	8377-8508	.34	30	open
B) Delaware (cont)			7853-55, 8102-05	.34	13	open
C) Delaware (cont)			7400-7514	.34	27	open
D) Delaware (cont)			6921-7320	.34	31	open

26. Perforation Record

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

Depth Interval	Amount and Type of Material
8377-8508	1250 gals 10% NeFe, 40,000 gals 30# xlink w/ 104,866# 20/40
7853-55, 8102-05	1000 gals 10% NeFe, 26,000 gals 40# linear w/ 45,000# 20/40
7400-7514	1250 gals 10% NeFe, 33,500 gals 30# xlink w/ 92,000# 20/40
6921-7320	1250 gals 10% NeFe, 34,400 gals 30# xlink w/ 91,000# 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
1/5/03	1/7/03	24	<input type="checkbox"/>	148	152	764	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"/>	148	152	764	1027	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
(ORIG. SGD.) DAVID R. GLASS
MAR 7 2003
DAVID R. GLASS
PATROLMAN/ENGINEER

Ke

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	Thg 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	Thg 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
Delaware	6921	8508	Sand, Oil, Gas and Water	Rustler	1182
				Salado	1323
				Castillo	4570
				Lamar Lime	4807
				Delaware	4836
				Cherry Canyon	5695
				Brushy Canyon	7362

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 2/13/03

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

November 25, 2002

Harvard Petroleum Corp.
P.O. Box 936
Roswell, New Mexico 88201

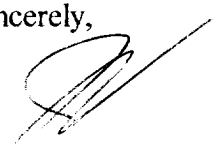
RE: James Fed. #9
Sec. 29, T-23-S, R-32-E
Lea County, New Mexico

Gentlemen:

The following is a Deviation Survey on the above referenced well:

190' - 1/2°	1,998' - 3/4°	4,581' - 1°	6,057' - 1/2°
398' - 3/4°	2,475' - 3/4°	4,717' - 2°	6,504' - 3/4°
456' - 3/4°	2,923' - 1°	4,812' - 2°	6,950' - 3/4°
503' - 1°	3,401' - 1 1/4°	4,940' - 2 1/4°	7,450' - 1/2°
639' - 1/2°	3,592' - 1°	5,036' - 2°	7,939' - 1°
1,076' - 1/2°	4,064' - 3/4°	5,163' - 1 1/4°	8,417' - 2°
1,522' - 3/4°	4,357' - 1°	5,610' - 1°	8,608' - 1 3/4°

Sincerely,


Jerry W. Wilbanks
President

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 25th day of November, 2002 by Jerry W. Wilbanks.

MY COMMISSION EXPIRES
June 19th, 2003


NOTARY PUBLIC