Form 3160-4 (August 1999)

Date First Produced

Choke Size

Test Date

Tbg. Press Flwg. Sl

Hours Tested

Call Press

Test

(See instructions and spaces for additional data on next page)

Production

Oil BBL

UNITED STATES DEPARTMENT OF THE INTERIOR HEE HOBBS BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137

Expires: November 30,2000 WELL COMPLETION OR RECOMPLETION REPORT AND LOG 5. Lease Serial No. NM-0559539 la. Type of Well 🖸 Oil Well 🔲 Gas Well 🔲 Dry Other 6. If Indian, Allottee or Tribe Name ☑ New Well □ Work Over □ Deepen □ Plug Back □ Diff. Resvr. b. Type of Completion: 7. Unit or CA Agreement Name and No. 2. Name of Operator 3a. Phone No linclude area code 20 8. Lease Name and Well No. Harvard Petroleum Corporation 3. Address James Federal, Well #12 9. API Well No. PO Box 936, Roswell. NM 88202-0936 30-025-37778 4. Location of Well (Report location clearly and in accordance with Federal requirements) Hopps 10. Field and Pool, or Exploratory 1212141 Received At surface 660' FNL & 1980' FWL West Triste Draw, Delaware 11. Sec., T., R., M., on Block and Survey or Area 360 At top prod. interval reported below same Sec 29-T23S-R32E J, 12. County or Parish 13. State At total depth same 16. Date Completed 499 V NM 15. Date T.D. Reached 14. Date Spudded 17. Elevations (DF, RKB, RT, GL)* D&A Ready to Prod. 9/3/06 9/24/06 10/14 20 3675' GL 3687' KB reference Elv 18. Total Depth: MD 19. Plug Back T.D.: MD 20. Depth Bridge Plug Set: 8817 MD NA TVD NA NA TVD 8865' TVD 8817 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? Yes (Submit analysis)
Yes (Submit report) ablaNo Was DST run? **☑** No CNL/LDT/GR, AIT, CBL Yes (Submit copy) Directional Survey? ☐ No 23. Casing and Liner Record (Report all strings set in well) Stage Cementer No. of Sks. & Slurry Vol. (BBL) Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Cement Top* Amount Pulled Depth Type of Cement 17 1/2 13 3/8"/J55 54 surf 576 NA 600 sx "C" 140 surf Circ none 11" 8 5/8"/J55 32 surf 4567 NA 1620 Poz C 550 surf Circ none 7 7/8" 5 1/2" J&N 17 surf 8865' 6750 1000 Poz C 311 3000' 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" 8298 82981 25. Producing Intervals 26. Perforation Record Formation TOP Bottom Perforated Interval Size No. Holes Perf. Status A) Delaware 8336' 84531 8336-8453 .37 open B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc Depth Interval Amount and Type of Material 8336-8453 1750 gals 10 % NeFe, 52,500 gals prod wtr w/ 10,000# 14/30 LP & 28,000 gals 35# linear gel w/ 51,000# 16/30 Ottawa & 16,000# RC 28. Production - Interval A Date First Test Production Oil Gravity Corr. API Hours Tested Water Oil BBL Gas MCF Gas Gravity Production Method BBI 10/14/06 10/17/06 24 109 416 hydraulic pump Tbg. Press Flgw. SI Csg. Press 24 Hr. Rate Oil BBL Gas MCF Water Gas: Oil Well Status Size BBL ACCEPTED FOR RECORD na na 416 producing 28a. Production - Interval B

Oil Gravity Corr. API

Gas: Oil

Gravity

Well Status

BBL

Water BBL

Production Method

NOV 3 0 2006

FREDERICK WRIGHT PETROLEUM ENGINEER

28b. Produ	ction - Inte	rval 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. Produ	ction - Inte	val D		<u>L.,</u>				<u> </u>	***		
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	Well Status		
-	I ition of Gas	(Sold use	d for fuel, v	ented, etc	.)			<u> </u>			
Sold 30. Summa	ry of Poroi	ıs Zones (Include Aqu	ifers).				21.5			
Show tests, i	all importa	int zones	of norosity a	and conte	nts thereof: (Cored interva pen, flowing	als and all drill-ste and shut-in pressur	m	tion (Log) Markers		
Formation		Тор	Bottom Descriptions, Contents, etc.				ents, etc.		Name	Top Meas. Depth	
Delav 32. Additio		7000	8615	ocedure):	Sanc	l, Oil, Gas an	d Water		Rustler Salado Castillo Lamar Delaware Cherry Canyon Brushy Canyon Bone Spring	1174 1310 4520 4760 4786 5684 7375 8676	
				**						-	
1 Elec		nanical Lo	gs (1 full set g and cemen			ieologic Repo ore Analysis	ort 3 DST R 7 Other:	-	Directional Survey		
34. I hereby	y certify tha	t the fores	going and att	ached info	ormation is co	omplete and o	correct as determine	d from all avail	able records (see attached ins	tructions)*	
Name (please prin	t) Jeff Har	vard		_	· · · · · · · · · · · · · · · · · · ·	Title Preside	nt			
Signatu	1/1/4	<u>\</u>)						