

OCD-HOBBS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NM-404481a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☒ Deepen ☐ Plug Back ☒ Diff. Resvr.
Other Drill out CIBP, re-perf Wolfcamp

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator Harvey E. Yates Company Contact: Jen Serrano
E-Mail: jserrano@heyco.org8. Lease Name and Well No.
Federal AF # 023. Address PO BOX 1933, ROSWELL NM 88201 - 1933 3a. Phone No. (include area code)
(505) 623-6601 ext 12199. API Well No.
30-025-30606

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

At surface Unit N. 560' FSL & 1,880' FWL (SE SW)10. Field and Pool, or Exploratory
North Young, Wolfcamp

At top prod interval reported below

11. Sec., T., R., M., or Block and Survey
or Area Sec 8-T18S - R32EAt total depth Unit N. 560' FSL & 1,880' FWL (SE SW)12. County or Parish
Lea County 13. State
NEW MEXICO14. Date Spudded
(orig) 15. Date T.D. Reached
2/24/2006 16. Date Completed
☐ D & A ☒ Ready to Prod.17. Elevations (DF, KB, RT, GL)*
3772' GR18. Total Depth: MD 10,800' TVD 10,800' 19. Plug Back T.D.: MD 10,610' TVD 10,610' 20. Depth Bridge Plug Set: MD 10,610' TVD 10,610'

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

n/a

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

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"	54.5#	0'	406'		425 sx		Circ	
12 1/4"	8 5/8" J-55	24#	0	2,805'		1,450 sx		Circ	
7 1/8"	5 1/2" J-55	15.5# 17#	0	10,800'		1,850 sx		600'	

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"	10,409'	10,416'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Wolfcamp	9,450'	10,610' (pbtd)	10,406-468' & 10,470-484 w/4 spf	0.41"	112	open
Bone Springs	6,150'	9,450'	8318-9242 Overall	--	--	cement squeezed

26. Perforation Record

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

Depth Interval	Amount and Type of Material
10,406' - 10,484'	Acidize with 10,000 gals 15% NEFE acid w/70 tons CO ₂

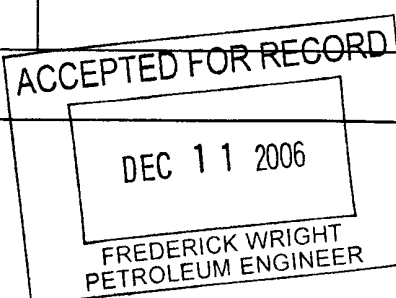
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
3/15/2006	3/15/06	24	→	9	0	22			Swabbed
Choke Size	Thg. Press. Flag	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
n/a	n/a	n/a	→	9	0	22			Shut in.

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	Thg. Press. Flag	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)



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. Flow g.	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. Flow g.	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
Red Bed	0	665		Rustler	1,165
Red Bed & Anhy	665	2,098		Cowden	2,283
Salt & Anhy	2,098	2,945		Yates	2,665
Dolo & Li	2,945	5,678		Seven Rivers	3,100
Dolo & Sand	5,678	6,206		Bowers	3,550
Dolo & Li	6,206	6,975		Queen	3,810
Li, Sh, & Ch	6,975	8,675		Penrose	4,050
Sh & Dolo	8,675	9,126		Grayburg	4,330
Dolo & Sd	9,126	9,200		San Andres	4,855
				Delaware Sand	4,945
				Bone Spring LS	6,070
				BSPG A Zone	6,655
				BSPG 1st Sand	7,850
				B-Zone	8,080
				Kick Off Point	8,200
				BSPG 2nd Sand	8,565
				Base A Bench	8,618
				Top B Bench	8,657
				Top C Bench	8,950
				1st Horizontal Point	9,297

32. Additional remarks (include plugging procedure):

Well has only been swabbed, shut in since swab test.

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) Jeanetta SerranoTitle Eng TechSignature Jeanetta SerranoDate 11/29/06

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.