

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 20075. Lease Serial No. **NM-073240**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.
Nm 72-1998. Lease Name and Well No.
FEDERAL 30 # 012. Name of Operator **HARVEY E YATES COMPANY**3. Address **PO BOX 1933 ROSWELL NM 88202-1933**3a. Phone No. (include area code)
505-623-66019. AFI Well No.
30-025-27069

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

At surface **1980' FSL & 760' FEL, UNIT I (NESE)**

At top prod. interval reported below

At total depth

10. Field and Pool, or Exploratory
GEM BONE SPRING SAND11. Sec., T., R., M., on Block and
Survey or Area **I-30-19S-33E**12. County or Parish **LEA COUNTY** 13. State
NM14. Date Spudded
06/19/198115. Date T.D. Reached
08/27/198116. Date Completed **08/04/2006**
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
3585.6' GR18. Total Depth: MD **13,712'**
TVD19. Plug Back T.D.: MD **10,465'**
TVD20. Depth Bridge Plug Set: MD **10,500'**
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
n/a22. 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"	48#	0	1276		975 sx		(existing)	
12 1/4"	9 5/8"	36#, 40#	0	5310		3440 sx		(existing)	
8 3/4"	5 1/2"	17#, 20#	0	13,712		2150 sx		(existing)	

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	9,741'	9,740'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2nd Bone Spring Sand	7,880'	10,818'	9850-70, 9910-20, 9960-70	.40"	40 holes	Open - Producing
B) Gem Morrow	12,916'	13,712	13,244-13,582' overall	.50"	183 holes	CIBP @ 10,500'
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9850-9970' overall	Acid w/4816 gals 15% NEFE
	Frac'd w/50000 gals Medallion 3500 pad, 82000# Versaprop 18/40, 20240# Super DC 16/30

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
08/04/2006	08/24/2006	24	→	39	22	67	36.4		PUMPING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→	39	22	67	36.4		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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

SEP 19 2006

WESLEY W. INGRAM
PETROLEUM ENGINEER

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	Tbg. 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	Tbg. 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
				SAN ANDRES	2200'
				DELAWARE SAND	5340'
				BONE SPRINGS	7880'
				WOLFCAMP	10818'
				CISCO	11752'
				STRAWN	12078'
				ATOKA	12410'
				ATOKA LS.	12748'
				MORROW LS.	12916'
				MORROW CLASTIC	13015'
				TD	13712'

32. Additional remarks (include plugging procedure):

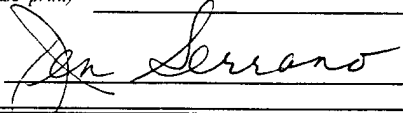
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ 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) JEN SERRANOTitle ENG. TECH

Signature

Date 09/08/2006

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.