

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

APR 07 2004
FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator HARVEY E YATES COMPANY Contact: JEN ATKINSON
E-Mail: jatkinson@heyco.org

3. Address P. O. BOX 1933 ROSWELL, NM 88202 3a. Phone No. (include area code) Ph: 505.623.6601 Ext: 1219

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

At surface SESE 560FSL 990FEL

At top prod interval reported below SESE 560FSL 990FEL

At total depth SESE 560FSL 990FEL

14. Date Spudded 03/24/1989 15. Date T.D. Reached 02/20/2004 16. Date Completed ☐ D & A ☒ Ready to Prod. 03/20/2004

18. Total Depth: MD 8121 TVD 19. Plug Back T.D.: MD 7830 TVD 20. Depth Bridge Plug Set: MD 7925 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	55.0	0	377		365		0	
12.250	8.625 J-55	32.0	0	2350		1600		0	
7.875	5.500 J-55	17.0	0	8966		1500		2466	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4261							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GRAYBURG	3998	4489	4466 TO 4486	0.410	41	PRODUCING
B)			8005 TO 8024	0.410	41	CIBP @ 7925' 2/21/04
C)			8121 TO 8197			CIBP @ 7925' 2/21/04
D)			8517 TO 8618			CIBP @ 8490' 6/28/89

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

Depth Interval	Amount and Type of Material
4466 TO 4486	ACIDIZE W/15% NEFE ACID & 82 RCN B.S., BALLED OUT
4466 TO 4486	FRAC W/60173 GALS 10# BRINE, 20000# LITE PROP 125, 14/30 & 8420# SAND WHITE, 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
03/22/2004	03/22/2004	24	→	0.0	0.0	85.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		0.0	→	0	0	85		POW	

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 reverse side)

ELECTRONIC SUBMISSION #28988 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

ACCEPTED FOR RECORD
APR - 6 2004
ALEXIS C. SWOBODA
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.)
NO MEASURABLE GAS

30. Summary of Porous Zones (Include Aquifers):	31. Formation (Log) Markers
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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.

30. Summary of Porous Zones (Include Aquifers):	31. Formation (Log) Markers
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
BONE SPRING				BONE SPRING	

32. Additional remarks (include plugging procedure):
Well plugged back & recompleted in the Grayburg formation.

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):

Electronic Submission #28988 Verified by the BLM Well Information System.
For HARVEY E YATES COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by ARMANDO LOPEZ on 04/01/2004 (04AL0158SE)

Name (please print) JEN ATKINSON Title AUTHORIZED SIGNATURE

Name (please print) JEN ATKINSON Title AUTHORIZED SIGNATURE

Signature (Electronic Submission) Date 03/29/2004

Signature (Electronic Submission) Date 03/29/2004

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for EC transaction #28991 that would not fit on the form

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMLC029388B	NMLC029388B NMLC029388B	AJ 11 FEDERAL 1 FAC A AJ 11 - 2	30-015-26082-00-S2	Sec 11 T18S R31E SESE 560FSL 990FEL Sec 11 T18S R31E NESE

32. Additional remarks, continued

16/30. PUT IT ALL AWAY. FLOW TO PIT.

3/19/04 FLOW BACK WELL & GIH W/TUBING.

3/20/04 GIH W/RODS & PUMP.

3/21/04 PUT WELL ON PRODUCTION.