

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-7301

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

East Lake Arthur Federal

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 29, T-15S, R-27E

12. COUNTY OR
PARISH

Chaves

13. STATE

N. M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other Re-Entryb. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other P & A

2. NAME OF OPERATOR

Harvey E. Yates Company, Inc. ✓

3. ADDRESS OF OPERATOR

Suite 1000 Security National Bank Bldg., Roswell, N.M. 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980' FNL & 1980' FWL

At top prod. interval reported

At total depth

Same

15. DATE SPUNDED

11-27-76

16. DATE T.D. REACHED

12-11-

17. DATE OF COMPL. (Ready to prod.)

ARTESIA, OFFICE

20. TOTAL DEPTH, MD & TVD

7918'

21. PLUG, BACK T.D., MD & TVD

7847'

22. IF MULTIPLE COMPL.,
HOW MANY*

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

None

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Neutron Log

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	301	Old Well	320 Sx Filled to Surface	
8 5/8"	24#	1603	Old Well	650 Sx Circulated	
4 1/2"	11.6 & 10.5#	7911		650 Sx Class C Cement	5016'-10.5#

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

7703-7712 KB - 19 Holes; 7750 - 4 Holes;
7778-7786 - 8 Holes;
Re-perforate - 7703'-7712' KB - 18 Holes;
Acidize w/4000 GA, 30 Ball sealers & 15,000
SCF Nitrogen

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7703-7712 KB 19 Holes	13,500 GA & 263,000 SCF Nitro
7750 KB - 4 Holes	250GA 15% NE -gen
7778-7786 KB - 8 Holes	250 Gal 15% NE acid
7750-7786 KB - Squeeze off perms w/	43 Sx Cl H *

33. PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY—API (CO)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Vice President

DATE March 8, 1977

*(See Instructions and Spaces for Additional Data on Reverse Side)

* See Back

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

* - Perforated from 7153' - 7159' - 7 Shots - Acidize w/1000 Gals 15% BDA acid. Squeezed off 7153' - 7559'

- Perforated from 5920' - 5928' - 9 Shots - Acidized casing perforations w/1000 Gals 15% BDA acid.

37. SUMMARY OF POROUS ZONES:

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Seven Rivers	250'	638'				
Queen	638'	975'				
Grayburg	975'	1306'				
San Andres	1306'	2612'				
Glorieta	2612'	4010'				
Tubbs	4010'	4776'				
Abo	4776'	5938'				
Wolfcamp	5938'	6709'				
Cisco	6709'	7320'				
Canyon	7320'	7609'				
Strawn	7609'	7901'				
Atoka	7901'	TD				