

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

45F

RECEIVED
7. CASE NUMBER AND SERIAL NO.

NM 2537

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7-10-30 AM '89

7. UNIT AGREEMENT NAME

CARLETON - SOURCE AREA

South Taylor 13 Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT San And. Shugart, 7-Rivers, Q, Grayburg

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

Sec. 13, T18S, R31E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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 ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

P.O. Box 1933, Roswell, New Mexico 88202

O. C. D.
ARTESIA, OFFICE

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

At surface

1650' FSL & 660' FEL Unit Ltr. I

At top prod. interval reported below

Same

At total depth

14. PERMIT NO.

30-015-26150

DATE ISSUED

7-14-89

15. DATE SPUDDED

7-19-89

16. DATE T.D. REACHED

7-28-89

17. DATE COMPL. (Ready to prod.)

8-29-89

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3727.2 GL

19. ELEV. CASINGHEAD

- - -

20. TOTAL DEPTH, MD & TVD

5547

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

4650

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-5547

CABLE TOOLS

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

4278-4614.5 (OA) 11 holes Grayburg

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL, Density Neutron

27. WAS WELL CORED

NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3# J-55	350'	14 3/4"	400 SX Class "C"	Circ 93 SX
5 1/2"	17# J-55	4895'	7 7/8"	1400 SX filler & 375 SX Class "H"	TOC @ 330'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4110' SN	3070' Anchor

31. PERFORATION RECORD (Interval, size and number)

4278-4614.5' (OA) 11 holes (.41")

4765-69 (17 holes .41") Abandoned

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4278-4614.5	Acidize w/3000 gals 10% SRA-100
4278-4614.5	Frac w/65,000 WF45 & 60,000#16/30
4765-69	2000 gals 7 1/2% SRA
4765-69	12,000 gals 30# X-link & 12,000#16/30

33.* PRODUCTION

DATE FIRST PRODUCTION 8-29-89 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping (2" x 1 1/2 x 20' x 24') WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 9-6-89 HOURS TESTED 24 CHOKER SIZE PROD'N. FOR TEST PERIOD OIL—BBL. 113 GAS—MCF. 60 WATER—BBL. 107 load GAS-OIL RATIO 531

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. 113 GAS—MCF. 60 WATER—BBL. 107 load OIL GRAVITY-API (CORR.) 31.2 @ 60

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

WOPL

TEST WITNESSED BY

Lee Malett

35. LIST OF ATTACHMENTS

Log & inclination report

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

SIGNED

TITLE

Production Manager/Engineer

DATE

9-1-89

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

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
Surface Rustler Yates 7-Rivers Queen Penrose Grayburg San Andres Delaware TD	0 889 2404 2875 3550 3790 4128 4632 4758 5547	889 2404 2875 3550 3790 4128 4632 4758 5547	Surface rock Anhy & salt Anhy, Dolo, sand Dolo, Anhy, sand Dolo, sand dolo, sand, anhy sand, dolo dolo, sand sand, dolo	Rustler Yates Seven Rivers Queen Penrose Grayburg San Andres Delaware	889 2404 3300 3550 3790 4128 4632 4758	