

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-13276																									
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____																									
2. NAME OF OPERATOR Harvey E. Yates Company		7. UNIT AGREEMENT NAME _____																									
3. ADDRESS OF OPERATOR P. O. Box 1933, Roswell, New Mexico 88201		8. FARM OR LEASE NAME West Lynch Federal																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 330 FSL & 1650' FEL At top prod. interval reported below At total depth		9. WELL NO. 1																									
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL OR WARDEN Sec. 19, T-20S, R-34E																									
15. DATE SPUDDED 4/17/80		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 19, T20S, R34E																									
16. DATE T.D. REACHED 6/24/80		12. COUNTY OR PARISH Lea																									
17. DATE COMPL. (Ready to prod.) 8/4/80		13. STATE N.M.																									
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3659.1' GL		19. ELEV. CASINGHEAD 3659.1'																									
20. TOTAL DEPTH, MD & TVD 3528'		21. PLUG, BACK T.D., MD & TVD 3491'																									
22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY ROTARY TOOLS _____ CABLE TOOLS _____																									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3270' - 3350' Yates		25. WAS DIRECTIONAL SURVEY MADE NO																									
26. TYPE ELECTRIC AND OTHER LOGS RUN Dresser Atlas - GN/GR, DLL & Caliper GR-Collar		27. WAS WELL CORED Yes (Potash)																									
28. CASING RECORD (Report all strings set in well)																											
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented																											
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 <u>Perk J. Linder</u> TITLE <u>Engineer</u> DATE <u>August 11, 1980</u>																											

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

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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.)

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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Anhydrite	672'	1313'		T. Ruster Anhy.	1507'	
RdBud & Anhydrite	1313'	1499'		T. Salt	1637'	
Anhydrite	1499'	2370'		T. Cowden Anhy.	2910'	
Salt & Anhydrite	2370'	3186'		Base Salt	3105'	
Dolomite	3186'	3192'		T. Tansill Dolo.	3129'	
Lime	3192'	3252'		T. Yates	3265'	
Lime & Dolomite	3252'	3285'		T. Yates A Dolo.	3339'	
Sandy Shale	3285'	3310'		T. Yates B Dolo.	3378'	
Anhydrite	3310'	3345'		T. Yates C Dolo.	3419'	
Sand	3345'	3363'		T. Reef	3457'	
L.	3363'	3380'		TD	3528'	
Dolomite	3380'	3432'				
Lime & Anhydrite	3432'	3442'				
Lime & Sande	3442'	3448'				
Dolomite & Lime	3448'	3528'				

RECEIVED

AUG 19 1980

OIL CONSERVATION DIV.