

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. LC-069276	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Robert N. Enfield		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 2431, Santa Fe, NM 87504-2431		8. FARM OR LEASE NAME Hudson Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1700' FSL & 2310' FWL of Section 29 At top prod. interval reported below At total depth		9. WELL NO. #7	
14. PERMIT NO.		13. STATE NM	
15. DATE SPUDDED 10/20/91		10. FIELD AND POOL, OR WILDCAT Buffalo Queen	
16. DATE T.D. REACHED 10/27/91		11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA Sec. 29, T18S, R33E	
17. DATE COMPL. (Ready to prod.) 11/15/91		12. COUNTY OR PARISH Lea	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3762.0' GR		13. STATE NM	
20. TOTAL DEPTH, MD & TVD 4530'		19. ELEV. CASINGHEAD NA	
21. PLUG, BACK T.D., MD & TVD 4495'		23. INTERVALS DRILLED I.Y. All	
22. IF MULTIPLE COMPL., HOW MANY*		ROTARY TOOLS All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4391' - 4417' Queen		CABLE TOOLS	
25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN DLL - MLL	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number) 4391', 4396', 4401', 4410', 4417' (10 holes) 3 1/2" select fire casing gun		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 4391' - 4417' AMOUNT AND KIND OF MATERIAL USED 250 gal 10% acetic, 1000 gals MOD 101, 19700 gals Viking 130 2/34750# 20/40 sand + 8750# 16/30 sand.	
33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented waiting on sales line hook up	
35. LIST OF ATTACHMENTS Deviation survey, logs (no cores or test)		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED <u>Robert N. Enfield</u> TITLE Operator		DATE 11/19/91	

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

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 38, 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
Penrose Sand	4420'	4453'	Sand	Rustler Anhydrite	1346'	1346'
				Base of Salt	2756'	2756'
				Yates	3278'	3278'
				Queen	4142'	4142'
				Penrose	4358'	4358'