

UNITED STATES
DEPARTMENT OF THE INTERIOR
88240 GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other 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 ☒ 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 660' FSL & 1980' FWL At top prod. interval reported below 660' FSL & 1980' FWL At total depth 660' FSL & 1980' FWL		9. WELL NO. 5	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 9/14/91		16. DATE T.D. REACHED 922/91	
17. DATE COMPL. (Ready to prod.) 10/5/91		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3755 GL	
20. TOTAL DEPTH, MD & TVD 4530'		21. PLUG, BACK T.D., MD & TVD 4464'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4398' - 4425'		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/MLL/GR CNL/GR/Caliper		27. WAS WELL COBED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24#	423'	12-1/4"
4-1/2"	4.70#	4526'	7-7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	4205'	NA	
31. PERFORATION RECORD (Interval, size and number) 4398' - 4425' (10 holes) 0.37 EHB			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4398' - 4425'		250 10% acetic 1000 gal MOD	
		19,700 gal Viking 130 w/43,500#	
		20/40 + 16/30 Ottawa sand	
33.* PRODUCTION			
DATE FIRST PRODUCTION 10/5/91		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 10/8/91		WELL STATUS (Producing or shut-in) producing	
HOURS TESTED 19	CHOKE SIZE 12/64"	PROD'N. FOR TEST PERIOD 102	OIL—BBL. 63
FLOW. TUBING PRESS. 160	CASING PRESSURE 900	GAS—MCF. 6	WATER—BBL. 6 (load)
CALCULATED 24-HOUR RATE 128	OIL—BBL. 63	GAS—MCF. 8 (load)	OIL GRAVITY-API (CORR.) 33.8
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented (possible sale)			
35. LIST OF ATTACHMENTS Deviation survey & logs			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Robert N. Enfield		TITLE Operator	
		DATE 10/10/91	

*(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 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
Lime & shale	4402'	4431'	No DST's or cores	Rustler	1346'	1346'
Line & shale	4431'	4530'	circulated samples	B/salt	2766'	2766'
			circulated samples	Yates	3306'	3306'
				Queen	4156'	4156'
				Penrose	4370'	4370'