

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐				7. UNIT AGREEMENT NAME 10-13-81			
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. RESVR. ☐ Other ☐				8. FARM OR LEASE NAME Hudson Federal			
2. NAME OF OPERATOR Robert N. Enfield				9. WELL NO. 3			
3. ADDRESS OF OPERATOR P. O. Box 2431, Santa Fe, NM 87501				10. FIELD AND POOL, OR WILDCAT Corbin Bone Springs South			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 2310' FEL, Section 19 Unit 0				11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 19, T-18-S, R-33-E			
At top prod. interval reported below At total depth				14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 7/15/89		16. DATE T.D. REACHED 9/7/89		17. DATE COMPL. (Ready to prod.) 12/11/90		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3793.7 GR	
20. TOTAL DEPTH, MD & TVD 13630'		21. PLUG, BACK T.D., MD & TVD 9735' CIBP		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8570' - 8796' Zone 3 & Zone 2 (Bone Springs)						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual laterlog/Micro-SFL, litho density/CNL; Blk Sonic						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8"		54.50		364'		17-1/2"	
9-5/8"		36		2920'		12-1/4"	
7"		26 & 23		11950'		8-3/4"	
						CEMENTING RECORD	
						375	
						1100	
						1020 sacks	
						AMOUNT PULLED	
						NA	
						NA	
						NA	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	8491'	8491'
31. PERFORATION RECORD (Interval, size and number) 8570' - 8586' (17, 36" holes) 8597' - 8610' (14, 36" holes) 8772' - 8796' (13, 36" holes) 9374' - 9398' (25 holes) 500 gals 7-1/2% acid, 3000 gal 15%				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				8570' - 8586'		750 gal 10% acetic	
				8772' - 8796'		2600 gal 7-1/2% NEFL acid	
				8570' - 8610'		200 gal & 3100 gal 7-1/2% NEFL	
				8570' - 8796'		Frac 82 500 gal Hyporgel 135 &	
33. PRODUCTION 125,100# 20/40 snd & 50,200 20/40 snd.							
DATE FIRST PRODUCTION 12/11/90		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing				WELL STATUS (Producing or shut-in) producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/22/90	24	24/64"	→	74.46	167	89(load wtr)	2243/1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
40 PSIG	-0-	→	74.46	167	89(load water)		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY Grays Pumping Service	
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 Robert N. Enfield TITLE Operator

DATE 1/2/91

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

71 8 copies w/c. S

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 83, 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 33.

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			See Original Completion			

JAN 15 1963