

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 _____
b. TYPE OF COMPLETION:					
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____					
2. NAME OF OPERATOR Doyle Hartman					
3. ADDRESS OF OPERATOR 508 C & K Petroleum Building, Midland, Texas 79701					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660 FSL & 660 FWL Section 27 At top prod. interval reported below At total depth					
14. PERMIT NO. HOBBS, NEW MEXICO DATE ISSUED					
5. LEASE DESIGNATION AND SERIAL NO. LC-032579-e		6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Santa Fe Federal			
9. WELL NO. 1		10. FIELD AND POOL, OR WILDCAT Jalmat			
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 27, T-25-S R-37-E		12. COUNTY OR PARISH Lea			
13. STATE New Mexico		15. DATE SPUNDED 11-21-79			
16. DATE T.D. REACHED 11-29-79		17. DATE COMPL. (Ready to prod.) 12-13-79		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3012 G. L.	
19. ELEV. CASINGHEAD 3012		20. TOTAL DEPTH, MD & TVD 3400		21. PLUG, BACK T.D., MD & TVD 3376	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY → 0-3400		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2793-2979 (Yates) w/15 shots	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN CDL-Neutron-GR, Forxo-Guard, FDC-CNL-GR, Dual Lateralog-RXO, GRN-CCL		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	28	482	12 1/4"	325 sx (circ)	None
5 1/2	17	3400	7 7/8"	550 sx (circ)	None
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	2835	---			
31. PERFORATION RECORD (Interval, size and number)					
15 shots with one shot each at: 2793, 2800, 2808, 2812, 2820, 2834, 2345, 2850, 2856, 2863, 2873, 2877, 2963, 2971, 2979.					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
2793-2979		A/4000 15% MCA			
2793-2979		SWF/70,000 + 134,000			
33.* PRODUCTION					
DATE FIRST PRODUCTION 12-08-79		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) shut-in
DATE OF TEST 12-13-79	HOURS TESTED 24	CHOKE SIZE 30/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. ---	GAS—MCF. 306
FLOW. TUBING PRESS. FTP= 43		CASING PRESSURE FCP= 161	CALCULATED 24-HOUR RATE →	OIL—BBL. ---	GAS—MCF. 306
WATER—BBL. ---		GAS-OIL RATIO ---		OIL GRAVITY-API (CORR.) ---	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					TEST WITNESSED BY G. Knight
35. LIST OF ATTACHMENTS None					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED Michelle Semler				TITLE Assistant Office Manager	
DATE 12-14-79					

*(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
Yates	2680	2990	Dolomite sand gas zone	Rustler Salado Salt Tansil Yates Seven Rivers Queen	880 975 2520 2680 2990 3355	95 1545 160 310 365 21