

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
 Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐		2. NAME OF OPERATOR Minerals, Inc.		3. ADDRESS OF OPERATOR P.O. Box 1320 Hobbs, N.M.		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 330' FSL, 330' FEL Sec 31, T20S R39E At top prod. interval reported below At total depth Same		5. FARM OR LEASE NAME Hodges Federal		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
14. PERMIT NO. NA		DATE ISSUED 4-21-82		12. COUNTY OR PARISH Lea		13. STATE NM		7. UNIT AGREEMENT NAME		8. WELL NO. 1		9. FIELD AND POOL, OR WILDCAT Sandhills/Grayburg San Andres	
15. DATE SPUNDED 4-29-82		16. DATE T.D. REACHED 5-7-82		17. DATE COMPLETION (Ready to prod.) 6-2-82		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3562' GL		19. ELEV. CASINGHEAD -		10. FIELD AND POOL, OR WILDCAT Sandhills/Grayburg San Andres		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 31, T20S, R39E	
20. TOTAL DEPTH, MD & TVD 4385' T.D.		21. PLUG BACK T.D., MD & TVD 4365'		22. IF MULTIPLE COMPLETION HOW MANY* N/A		23. INTERVALS DRILLED BY →		ROTARY TOOLS X		CABLE TOOLS		25. WAS DIRECTIONAL SURVEY MADE	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4342' - 4358', San Andres										27. WAS WELL CORED NO			
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron / FDC, BHC, DLL													
29. CASING RECORD (Report all strings set in well)													
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED			
8 5/8" O.D.		24#		1647'		12 1/4"		756 sx lite poz/100sx "C"		none			
5 1/2" O.D.		15.5#		4385'		7 7/8"		450 sx cl "C" neat		none			
29. LINER RECORD													
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD			
n/a										SIZE 2 3/8"		DEPTH SET (MD) 4360'	
										PACKER SET (MD) -			
31. PERFORATION RECORD (Interval, size and number) 4342' - 4358' w/4 JSPF													
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.													
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED							
4342-4358						2000gal 15% HCL, Frac w/25,000 gal. Brine and 20,000 lbs. 20/40 Sand. ACD w/5000 gals 15% MSR 100.							
33. PRODUCTION													
DATE FIRST PRODUCTION 6-10-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 2" x 1-1/2" x 12' RIBC - Pumping								WELL STATUS (Producing or shut-in) producing			
DATE OF TEST 7-10-82		HOURS TESTED 24		CHOKE SIZE N/A		PROD'N. FOR TEST PERIOD →		OIL—BBL. 35		GAS—MCF. 15(est.)		WATER—BBL. 79	
FLOW. TUBING PRESS. 0		CASING PRESSURE -		CALCULATED 24-HOUR RATE →		OIL—BBL. 35		GAS—MCF. 15 (est.)		WATER—BBL. 79		OIL GRAVITY-API (CORR.) 28°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Csq. head gas will be sold to Getty Oil Co										TEST WITNESSED BY			
35. LIST OF ATTACHMENTS 2 electric logs; ea CNL/FDC, DLL, Dev. Record													
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records													
SIGNED <u>[Signature]</u> TITLE Vice President, Engineering DATE 10/1/82													

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

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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.), formations and pressure tests, and directional surveys, 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:				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH

RECEIVED
OCT 1 1952
FBI - NEW YORK
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