

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other <u>P & A</u>				5. LEASE DESIGNATION AND SERIAL NO. <u>NM 7097</u>	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVL. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <u>Northern Minerals, Inc.,</u>				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <u>P. O. Box 2182, Santa Fe, New Mexico 87501</u>				8. FARM OR LEASE NAME <u>Federal</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>660' FNL & 660' FEL of Section</u> At top prod. interval reported below At total depth				9. WELL NO. <u>3</u>	
14. PERMIT NO.				DATE ISSUED	
15. DATE SPUDDED <u>8-20-73</u>				16. DATE T.D. REACHED <u>8-25-73</u>	
17. DATE COMPL. (Ready to prod.) <u>8-25-73</u>				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <u>6902' G. L.</u>	
19. ELEV. CASINGHEAD <u>6904'</u>				20. FIELD AND POOL, OR WILDCAT <u>Wildcat</u>	
21. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>S. 12, T16N-R8W, NMPM</u>				22. COUNTY OR PARISH <u>McKinley</u>	
23. STATE <u>New Mexico</u>				24. WAS DIRECTIONAL SURVEY MADE? <u>No</u>	
25. TOTAL DEPTH, MD & TVD <u>3030'</u>				26. PLUG BACK T.D., MD & TVD	
27. IF MULTIPLE COMPL., HOW MANY*				28. INTERVALS DRILLED BY <u>ALL</u>	
29. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>None</u>				30. ROTARY TOOLS <u>ALL</u>	
31. TYPE ELECTRIC AND OTHER LOGS RUN <u>Spontaneous Potential, Resistivity & Gamma Ray</u>				32. CABLE TOOLS	
33. CASING RECORD (Report all strings set in well)				34. WAS WELL CORED <u>Yes</u>	
CASING SIZE <u>7"</u>		WEIGHT, LB./FT. <u>10</u>		DEPTH SET (MD) <u>66'</u>	
HOLE SIZE <u>10-3/4"</u>		CEMENTING RECORD <u>Cement Circulated</u>		AMOUNT PULLED <u>None</u>	
35. LINER RECORD				36. TUBING RECORD	
SIZE <u>7"</u>		TOP (MD) <u>66'</u>		DEPTH SET (MD) <u>66'</u>	
BOTTOM (MD) <u>66'</u>		SCREEN (MD) <u>66'</u>		PACKER SET (MD) <u>66'</u>	
37. PERFORATION RECORD (Interval, size and number)				38. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
39. PRODUCTION				40. TEST WITNESSED BY	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)	
DATE OF TEST		HOURS TESTED		CHOKE SIZE	
PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
WATER—BBL.		GAS-OIL RATIO		OIL GRAVITY-API (CORR.)	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
OIL—BBL.		GAS—MCF.		WATER—BBL.	
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY		DATE	
LIST OF ATTACHMENTS		SIGNED <u>Lloyd Harrison</u>		TITLE <u>President</u>	
I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.		DATE <u>9-1-73</u>			

*(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 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.), formations 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
				Menefee	Surface	
				Point Lookout	378'	
				Upper Mancos	725'	
				Hosta	1050'	
				Dalton	1550'	
				Hospah	1790'	
				Massive Gallup	1853'	
				Lower Mancos	1965'	
				Greenhorn	2595'	
				Greneros	2649'	
				Dakota "A"	2685'	
				Dakota "C"	2780'	
				Dakota "D"	2845'	
				Dakota "E"	2965'	
				Morrison	2995'	
				Total Depth	3030'	