

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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 ☐		5. LEASE DESIGNATION AND SERIAL NO. SE-080566-A	
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 Beartooth Oil & Gas Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 2564, Billings, Montana 59103		8. FARM OR LEASE NAME Minel-Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1605' FNL, 995' FWL At top prod. interval reported below same At total depth same		9. WELL NO. No. 1	
14. PERMIT NO. 30-039-22676		12. COUNTY OR PARISH Rio Arriba	
DATE ISSUED JUN 3 1981		13. STATE New Mexico	
15. DATE SPURD 11/5/80		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
16. DATE T.D. REACHED 11/25/80		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA SW1/4 Sec. 7-25N-3W	
17. DATE COMPL. (Ready to prod.) 4-28-81		12. COUNTY OR PARISH Rio Arriba	
18. ELEVATIONS (DF, RER, RT, GR, ETC.) 7336' GL, 7351' KB		13. STATE New Mexico	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8360'	
21. PLUG BACK T.D., MD & TVD 8317'		22. IF MULTIPLE COMPLET. HOW MANY? Commingled	
23. INTERVALS DRILLED BY 0-TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION (TOP, BOTTOM, NAME AND MD AND TVD)* Dakota - 7974-8138' Gallup - 7102-7441'	
25. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger FDC/CNL, ISFL		26. WAS DIRECTIONAL SURVEY MADE no	
27. WAS WELL CORED no		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number) 7974, 7975, 7976, 7977, 8120, 8122, 8128, 8131, 8138, 8196, 8198 (CIBP at 8165); 7102, 7120, 7145, 7177, 7181, 7213, 7216, 7279, 7288, 7299, 7301, 7303, 7305, 7306, 7317, 7326, 7336, 7356, 7360, 7373, 7391, 7424, 7441; 8295, 8296, 8300, 8301, 8304, 8305 (CIBP 8275)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 8295-8305 7974-8198 7974-8138 AMOUNT AND KIND OF MATERIAL USED 500 gal. 15% MSR Acid 750 gal. 15% Mud Acid Frac w/2096 bbls gelled water, 150,000# 20/40 sand.	
33. PRODUCTION (continued on back page)		34. LIST OF ATTACHMENTS	
35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		36. SIGNED James G. Routson TITLE Petroleum Engineer DATE 5/19/81 FARMINGTON DISTRICT BY RB	

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

NMOCC

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:				38. GEOLOGIC MARKERS	
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		DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH
FORMATION	TOP	BOTTOM			TRUE VERT. DEPTH
(continued from front page)					
7102-7441	2100 gallons 15% mud acid. Frac w/2381 bbls gelled water, 200,000# 20/40 sand			Ojo Alamo Fruitland Pictured Cliffs Lewis Chacra Cliff House Point Lookout Gallup Greenhorn Dakota Total Depth	3385' 3700' 3782' 3839' 4690' 5410' 5952' 6994' 7878' 7972' 8360'

