



00314989

103-0836A

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R35

5. LEASE DESIGNATION AND SERIAL NO.

USA C-19339

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Philadelphia Creek

9. WELL NO.

#28

10. FIELD AND POOL, OR WILDCAT

Philadelphia Creek

11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA

Sec 14 T2S R101W

12. COUNTY OR PARISH

Rio Blanco

13. STATE

Colorado

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. REVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR

Northwest Exploration company

3. ADDRESS OF OPERATOR

P.O. Box 5800, Terminal Annex, Denver, Colorado 80217

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1562' FSL & 1537' FEL

At top prod. interval reported below Same

At total depth same

14. PERMIT NO. 79-491 DATE ISSUED

API # 05-103-8369

6-7-79

15. DATE SPUNDED

10-4-79

16. DATE T.D. REACHED

10-12-79

17. DATE COMPL. (Ready to prod.)

8-26-80

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6646' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3750'

21. PLUG, BACK T.D., MD & TVD

3680'

22. IF MULTIPLE COMPL., HOW MANY\*

NA

23. INTERVALS DRILLED BY

0-3750'

ROTARY TOOLS

CABLE TOOLS

NA

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Top @ 3286' Bottom @ 3495' in Mancos "B"

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, CNL-FDC-GR, GR/CCL

27. WAS WELL CORED

No

28. 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"	24#	128'	12-1/4"	125 sks	
2-7/8"	6.4#	3686'	6-1/4"	260 sks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET
1-1/4"	3282'	

31. PERFORATION RECORD (Interval, size and number)

20 (.34") holes from 3286' to 3495'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3286'-3495'	frac w/ 4-1/2 bbl sequestered 7-1/2% HCl, 1290 bbls 30# gelled water, 77 tons CO <sub>2</sub> , 121,000# 20/40 & 20,000# 100 mesh.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
8-14-80	Flowing	Shut-in <input checked="" type="checkbox"/>					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-26-80	24	1/2"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
10	10	→		75			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

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 Carolyn A Lee

TITLE Drilling Records Coordinator

DATE 11-10-80

\*(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 instructions 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.	38. GEOLOGIC MARKERS	
				NAME	TOP
	DEPTH	DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
Mesa Verde	Surface				
Mancos	1706'				
Mancos "A"	2188'				
Mancos "B"	3138'		Gas		
T.D.	3750'				