

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 \*

<b>1a. TYPE OF WELL:</b> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____						<b>5. LEASE DESIGNATION AND SERIAL NO.</b> N.M. 03189									
<b>b. TYPE OF COMPLETION:</b> NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____						<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> Cox Canyon									
<b>2. NAME OF OPERATOR</b> Northwest Pipeline Corporation						<b>7. UNIT AGREEMENT NAME</b> Cox Canyon Unit									
<b>3. ADDRESS OF OPERATOR</b> P.O. Box 90 Farmington, N.M. 87401						<b>8. FARM OR LEASE NAME</b> Cox Canyon Unit									
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*</b> At surface 1450'/S & 1740'/W At top prod. interval reported below as above At total depth as above						<b>9. WELL NO.</b> 14									
<b>14. PERMIT NO.</b> _____ <b>DATE ISSUED</b> _____						<b>10. FIELD AND POOL, OR WILDCAT</b> Blanco Picture Cliff									
<b>15. DATE SPUDDED</b> 6-10-74 <b>16. DATE T.D. REACHED</b> 6-15-74 <b>17. DATE COMPL. (Ready to prod.)</b> 7-11-74 <b>18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*</b> 6866' GR <b>19. ELEV. CASINGHEAD</b> 6868'						<b>11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA</b> Sec 21, T32N, R11W NMPM									
<b>20. TOTAL DEPTH, MD &amp; TVD</b> 3725 <b>21. PLUG, BACK T.D., MD &amp; TVD</b> 3706' <b>22. IF MULTIPLE COMPL., HOW MANY*</b> _____ <b>23. INTERVALS DRILLED BY</b> _____ <b>ROTARY TOOLS</b> all <b>CABLE TOOLS</b> _____						<b>12. COUNTY OR PARISH</b> San Juan <b>13. STATE</b> N.M.									
<b>24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*</b> 3566-3582' & 3622'-3630' Picture Cliff						<b>25. WAS DIRECTIONAL SURVEY MADE</b> no									
<b>26. TYPE ELECTRIC AND OTHER LOGS RUN</b> IES & Gamma Density						<b>27. WAS WELL CORED</b> no									
<b>28. CASING RECORD (Report all strings set in well)</b>															
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
8-5/8"		24.0		154'		12-3/4"		100 sacks		0					
2-7/8"		6.4		3712'		6-1/2"		225 sacks		0					
<b>29. LINER RECORD</b>												<b>30. TUBING RECORD</b>			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
<b>31. PERFORATION RECORD (Interval, size and number)</b> 3566' - 3582' w/24 shots 3622' - 3630' w/ 24 shots								<b>32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.</b>							
								DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
								3566' 3630'		250 gals 15% HCL 30,000# 10-20 sand and 29,200 gal water.					
<b>33.* PRODUCTION</b>															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut in) shut in							
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
7-25-74		3		0.75"						1,419 MCF/D					
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY API (CORR.)			
		117						1,456 MCF/D		AOF					
<b>34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)</b>												<b>TEST WITNESSED BY</b>			
<b>35. LIST OF ATTACHMENTS</b>															
<b>36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records</b>															
SIGNED <u>Osceola White</u>				TITLE <u>Production &amp; Drilling Engineer</u>				DATE <u>Sept 19, 1974</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 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 33.

**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:** "Seals 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: CORREL. 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
Picture Cliff	3566	3710'	SS: lt. gry, Fn- med. gr. S&P, WS&R SL. Calc.	Ojo Alamo Kirtland Fruitland Picture Cliff	2460' 2700' 3340' 3558'	2460' 2700' 3340' 3558'