

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
NM 03404

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME
San Juan 31-6 Unit

FARM OR LEASE NAME
San Juan 31-6 Unit

9. WELL NO.
#49

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 5, T30N, R6W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
N.M.

RECEIVED
FEB 15 1984
OIL CON. DIV.
DIST. 3

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. RESVR. Other

2. NAME OF OPERATOR
Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR
P.O. Box 90, Farmington, N.M. 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1780 FNL & 880 FEL SE/NE

At top prod. interval reported below 1780 FNL & 880 FEL

At total depth 1780 FNL & 880 FEL

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 11-30-83
16. DATE T.D. REACHED 12-8-83
17. DATE COMPL. (Ready to prod.) 1-4-84
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6473' KB
19. ELEV. CASINGHEAD 6461' GR

20. TOTAL DEPTH, MD & TVD 7952' - 7960'
21. PLUG, BACK T.D., MD & TVD 7930'
22. IF MULTIPLE COMPL., HOW MANY* Single
23. INTERVALS DRILLED BY
ROTARY TOOLS 0' - 7952'
CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Dakota 7864' - 7879' & 7905' - 7909'

25. WAS DIRECTIONAL SURVEY MADE YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR/IEL SNL/CDL GR/CCI

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
SEE ATTACHEMENT FOR CEMENTING AND CASING REPORT					

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	7865'	

31. PERFORATION RECORD (Interval, size and number)
7864', 7865', 7866', 7867', 7868', 7869', 7870', 7871', 7872', 7873', 7874', 7875', 7876', 7877', 7878', 7879', 7905', 7906', 7907', 7908', 7909'

Total 21 .37" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7864' - 7879'	SWF w/ 2813 bbls treated fluid
7905' - 7909'	followed by 60,000# 40/60 sand & 8,836# 20/40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
1-4-84	Flowing	Shut in					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-23-84	3 hrs	2" X.750"	→	-	233	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
98	391	→	-	ADP 416 (MCF) (1392)	-	-	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented - Waiting on pipeline connection to be sold

TEST WITNESSED BY
Chik Charley

35. LIST OF ATTACHMENTS
Cement and casing report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Butch Milleson for PCT TITLE Sr. Drilling Engineer DATE 2-1-84
Paul C. Thompson

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

FARMINGTON RESOURCE AREA

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, ... 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.	
			TOP	
			MEAS. DEPTH	
			TRUE VERT. DEPTH	
Ojo Alamo	2394' est	2666'	2394'	Same
Kirtland	2666' est	3166'	2666'	Same
Fruitland	3166' est	3373'	3166'	Same
Pictured Cliffs	3373' est	3466'	3373'	Same
Lewis	3466' est	5384'	3466'	Same
Cliff House	5384' est	5663'	5384'	Same
Point Lookout	5663' est	7680'	5663'	Same
Greenhorn	7680' EL	7733'	7680'	Same
Graneros	7733' EL	7857'	7733'	Same
Dakota	7857' EL		7857'	Same
			7952'	Same
			Total Depth	

San Juan 31-6 Unit #49 Cont'd

Hole Size 12-1/4"

9-5/8", 36#, & set at 369' KB
Cmt'd w/ 250 sx (298 cu.ft) C1 "B" w/ 1/4# gel flake/sk & 3% CaCl₂.
Circ 5 bbls.

Hole Size 8-3/4"

7", 20# & set at 3668'
Cmt'd w/ 125 sx (274 cu.ft) C1 "B" 65/35 poz w/ 12% gel. Tailed in w/ 75 sx (89 cu.ft)
C1 "B" w/ 2% CaCl₂

Hole Size 6-1/4"

4-1/2", 11.6# & 10.5# & set at 7952'.
Cmt'd w/ 260 sx (564 cu.ft) C1 "B" w/ 8% gel & 12-1/2# fine gils/sk & 0.4% retarder.
Tailed in w/ 100 sx (118 cu.ft) C1 "B" w/ 1/4# fine tuf-plug/sk & 0.4% retarder.

Butch Milleson for PCT
Paul C. Thompson

Sr. Drlg Engineer
Title

2-1-84
Date

djb/

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OIL CON. DIV.
DIST. 3