

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

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

2. NAME OF OPERATOR

Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR

P.O. Box 90, Farmington, New Mexico 87499

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

At surface 1120 FNL & 1850 FEL NW/NE

At top prod. interval reported below 1120 FNL & 1850 FEL

At total depth 1120 FNL & 1850 FEL

14. PERMIT NO.

DATE ISSUED

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

19. ELEV. CASINGHEAD

11-12-83

11-19-83

12-8-83

6232' KB

6220' GR

20. TOTAL DEPTH, MD & TVD

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

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

7815'

7780'

Single

0'-7815'

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

25. WAS DIRECTIONAL SURVEY MADE

Dakota - 7620'-7644' & 7664'-7668'

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

GR/IEL SNL/CDL GR/CCI

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 ATTACHMENT FOR CEMENTING AND CASING RECORD					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7621'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size, and number)

7620', 7621', 7622', 7623', 7624', 7625', 7626',
7627', 7628', 7629', 7630', 7631', 7632', 7633',
7634', 7635', 7636', 7637', 7638', 7639', 7640',
7641', 7642', 7643', 7644', 7664', 7665', 7666',
7667', 7668'. Total 30 .37" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7620'-7644'	SWF w/ 2935 bbls treated fluid
7664'-7668'	followed by 60,000# 40/60 sand
	and 10,000# 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)	
12-3-83		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-4-84	3 hrs	2" X.750"	→	-	221	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
93 psig	419 psig	→	-	1412 MCFD	-	-	

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

TEST WITNESSED BY

VENTED - WAITING ON PIPELINE CONNECTION TO BE SOLD

Chik Charley

35. LIST OF ATTACHMENTS

CEMENTING AND CASING RECORD

ACCEPTED FOR RECORD

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

SIGNED

Paul C. Thompson

TITLE Sr. Drilling Engineer

DATE JAN 20 1984

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

djb/

NMOCC

RV

Smm

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: 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
Ojo Alamo	2119' est	2275'		Ojo Alamo	2119'	Same
Kirtland	2275' est	2807'		Kirtland	2275'	Same
Fruitland	2807' est	3035'		Fruitland	2807'	Same
Pictured Cliffs	3035' est	3269'		Pictured Cliffs	3035'	Same
Lewis	3269' est	5115'		Lewis	3269'	Same
Cliff House	5115' est	5395'		Cliff House	5115'	Same
Point Lookout	5395' est	7438'		Point Lookout	5395'	Same
Greenhorn	7438' EL	7491'		Greenhorn	7438'	Same
Graneros	7491' EL	7613'		Graneros	7491'	Same
Dakota	7613' EL			Dakota	7613'	Same
				Total Depth	7815'	

San Juan 31-6 Unit #45 (Cont'd)

Hole Size 12-1/4"

9-5/8", 36#, & set at 534' KB

Cmt'd w/ 275 sx (325 cu.ft) C1 "B" w/ 1/4# gel flake/sk & 3% CaCl₂.
Circ 12 bbls cmt.

Hole Size 8-3/4"

7", 20#, & set at 3477' KB.

Cmt'd w/ 135 sx (329 cu.ft) 65/35 poz w/ 12% gel & 12-1/2# fine gils/sk. Tailed
in w/ 75 sx (89 cu.ft) C1 "B" w/ 2% CaCl₂.

Hole Size 6-1/4"

4-1/2", 10.5# & 11.6# & set at 7805' KB.

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) CL "B" w/ 1/4# fine tuf-plug/sk & 0.4% retarder.

Paul C. Thompson
Paul C. Thompson

Sr. Drlg Engineer
Title

1-11-84
Date

B

djb/

RECEIVED

JAN 23 1984

OIL CON. CO.
DIST.