

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.

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

1640 FNL & 970 FEL SE/NE

At top prod. interval reported below

1640 FNL & 970 FEL

At total depth

1640 FNL & 970 FEL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

1-9-84

16. DATE T.D. REACHED

1-16-84

17. DATE COMPL. (Ready to prod.)

1-26-84

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

6425' KB

19. ELEV. CASINGHEAD

6413' GR

20. TOTAL DEPTH, MD & TVD

7929'

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

7900'

22. IF MULTIPLE COMPL., HOW MANY*

Single

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0'-7929'

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

Dakota - 7785'-7809' & 7829'-7830'

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/IEL SNL/CDL GR/CC1

25. 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 CASING AND CEMENTING REPORT					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7801'	

31. PERFORATION RECORD (Interval, size and number)

7785', 7786', 7787', 7788', 7789', 7790', 7791',
7792', 7793', 7794', 7795', 7796', 7797', 7798',
7799', 7800', 7801', 7802', 7803', 7804', 7805',
7806', 7807', 7808', 7809', 7829', 7830'
Total 27 . 37" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7785'-7809' & 7829'-7830'	SWF w/ 2349 bbls treated fluid followed by 50,000# 40/60 sand & 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)	
1-26-84		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-14-84	3 hrs	2" X .750"	→	-	464	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
228	812	→	0	Q=3034 MCFD	-	-	

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

Vented waiting on pipeline connection to be sold

TEST WITNESSED BY

Fred Hamrick

35. LIST OF ATTACHMENTS

Cementing and Casing and temp survey

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. Drlg Engineer

MAR 08 1984

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

FARMINGTON RESOURCE AREA

NMOCC

BY 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2509' est	2630'		Ojo Alamo	2509'	Same
Kirtland	2630' est	2983'		Kirtland	2630'	Same
Fruitland	2983' est	3337'		Fruitland	2983'	Same
Pictured Cliffs	3337' est	3434'		Pictured Cliffs	3337'	Same
Lewis	3434' est	5292'		Lewis	3434'	Same
Cliff House	5292' est	5580'		Cliff House	5292'	Same
Point Lookout	5580' est	7607'		Point Lookout	5580'	Same
Greenhorn	7607' EL	7644'		Greenhorn	7607'	Same
Graneros	7644' EL	7778'		Graneros	7644'	Same
Dakota	7778' EL			Dakota	7778'	Same
				Total Depth	7929'	Same

San Juan 30-5 Unit #89

Hole Size 12-1/4"

9-5/8", 32.3# & set at 372' KB.

Cmt'd w/ 190 sx (226 cu.ft) C1 "B" w/ 1/4# gel flake/sk & 3% CaCl₂. Circ 10 bbls.

Hole Size 8-3/4"

7", 20#, & set at 3632' KB.

Cmt'd w/ 110 sx (241 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 7929' KB.

Cmt'd w/ 260 sx (565 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.

Paul C. Thompson
Paul C. Thompson

Sr. Drlg Engineer
Title

2-28-84
Date

B
djb/

RECEIVED
MAR 09 1984
OIL CON. DIV.
DIST. 3