Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: NM - 010910

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Northwest Pipeline Corporation

8. FARM OR LEASE NAME: Holt

3. ADDRESS OF OPERATOR: Room 126, 501 Airport Drive Farmington, New Mexico 87401

9. WELL NO.: 3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1030' FNL & 1625' FWL

10. FIELD AND POOL, OR WILDCAT: Blanco Pictured Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 20, T-32-N, R-11-W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6671' G.L.

12. COUNTY OR PARISH: San Juan

13. STATE: New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☒	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☒	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

6-24-74 Spudded well. Drilled 12-1/4" surface hole to 107' DB. Ran 2 jts. of 8-5/8" 24# J-55 casing and set @ 105' KB and cemented with 90 sacks Class "B" with 1/4# flocele per sack and 3% cc. Circulated to surface.

6-25-74 WOC 12 hours. Tested casing to 600 psi for 30 minutes - OK.

6-29-74 Drilled 6-3/4" hole to TD of 3375'.

6-30-74 Ran 121 joints of 2-7/8" 6.4# H-40 & j-55 casing and set @ 3357'. Cemented with 110 sacks of 65/35 Pozmix with 10% gel and 1/3 cu. ft. reg gilsonite per cu.ft. Followed with 50 sacks of Class "B" neat. WOC 8 hours. Top of cement @ 1700'.

7-9-74 Tested casing to 3000 psi -OK.

7-10-74 Ran GRCCL and perf'd 3328-50' with 44 holes.

7-11-74 Fraced with 25,000# 10/20 sand and 20,740 gallons of treated water. Flush with 600 gallons of water.

RECEIVED

18. I hereby certify that the foregoing is true and correct

SIGNED O.B. Whitenburg TITLE Production& Drilling Engineer DATE July 25, 1974

O.B. Whitenburg

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Ready 7-29-74 SIG 7-22-74

Type Test: [x] Initial [ ] Annual [ ] Special				Test Date: 7-29-74	
Company: Northwest Pipeline Corporation			Connection: None		
Pool: Blanco			Formation: Pictured Cliffs		Unit:
Completion Date: 7-11-74	Total Depth: 3375'		Plug Back TD: 3351	Elevation: 6671 G.L.	Farm or Lease Name: Holt
Csg. Size: 2-7/8" / Wt.: 6.4# / d: 2.441 / Set At: 3356			Perforations: From 3328 To 3350		Well No.: 3
Tbg. Size: / Wt.: / d: / Set At:			Perforations: From To		Unit: C / Sec.: 20 / Twp.: 32 / Rge.: 11
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Tubingless completion			Packer Set At: none		County: San Juan
Producing Thru: Casing	Reservoir Temp. °F: @	Mean Annual Temp. °F:	Baro. Press. – P_a:		State: New Mexico
L:	H:	Gg: .635	% CO_2:	% N_2:	% H_2S:
Prover: .750 choke	Meter Run:	Taps:			

FLOW DATA					TUBING DATA		CASING DATA		
NO.	Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI							1026		7 days
1.	.750 choke						87	68°	3 hours
2.									
3.									
4.									
5.									

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		99	.9924	.9721	1.007	1,189
2.							
3.							
4.							
5.							

RECEIVED AUG 6 1974 OIL CON. COM. DIST. 3

NO.	P_t	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c _____ P_c^2 _____

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1				
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1,077,444}{1,061,568}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0127$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1,204$

calculated PW

Absolute Open Flow 1,204 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: GL	1-e-s	FcQ^2	R^2	PT^2	PT^2+R^2	PW
2113	.142	43,562	6186	9801	16,161	126

Well produced light mist of water throughout test.

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Bobby Broughton	Bobby Broughton	A. E. Fuller