

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 8-15-72		RECEIVED AUG 18 1972 CON. COM. A. L. Elliott "B"			
Company AMOCO PRODUCTION COMPANY				Connection None						
Pool Blanco				Formation Pictured Cliffs						
Completion Date 8-8-72		Total Depth 7530		Plug Back TD 2470		Elevation 5837				
Csq. Size 4-1/2	Wt. 10.5	d 	Set At 2530	Perforations: From 2427 To 2462			Well No. 7			
Tbg. Size 1-1/4	Wt. 	d 	Set At 2453	Perforations: From Open To Ended			Unit L	Sec. 10	Twp. 29N	Rge. 9W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None			County San Juan		
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F 60° Est.		Baro. Press. - P _a 12 Est.		State New Mexico		
L 	H 	Gg .65	% CO ₂ 	% N ₂ 	% H ₂ S 	Prover 	Meter Run 	Taps 		

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size X 7 Days	Press. p.s.i.g. 2-Inch .75	Diff. h _w 	Temp. °F 	Press. p.s.i.g. 833	Temp. °F 	Press. p.s.i.g. 847	Temp. °F 	
1.					76		280	60° Est.	3 Hr.
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.	12.3650		88	1.000	.9608	1.000	1045
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 859	P _c ² 737,881		
NO.	P _t ²	P _w	P _w ²
1.		292	85,264
2.			
3.			
4.			
5.			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.131$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1160$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.110$$

Absolute Open Flow 1160 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .85
Remarks: _____		
Approved By Commission:	Conducted By: B. D. Dukas	Calculated By: P. C. Ellison
		Checked By: J. Arnold Snell

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SY 078132

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

A. L. Elliott "B"

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Blanco Pictured Cliffs

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

**NW/4 SW/4 Section 10,
T-29-N, R-9-W**

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

1.

OIL ☐ GAS ☒
WELL WELL OTHER

2. NAME OF OPERATOR

AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1490' FSL & 910' FWL, Section 10, T-29-N, R-9-W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5837' GL

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☒
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐

REPAIRING WELL

☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(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.)*

Amoco Production Company proposes to stimulate production in the subject well by fracture treating the Pictured Cliffs interval. The well will be fraced down 4-1/2" casing with 40,000# 10-20 sand and 20,000 gal. of fluid. Perforations are at 2427-38 and 2446-62 with a FSD of 2470.



RECEIVED

MAY 26 1976

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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

Signed by

SIGNED **H. D. MONTGOMERY**

TITLE **Area Engineer**

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.