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Form C-105
Revised 11-68

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State ☐	Fee ☒
5b. State Oil & Gas Lease No.	

1a. TYPE OF WELL		7. Unit Agreement Name	
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____			
1b. TYPE OF COMPLETION		8. Farm or Lease Name	
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____		State Gas Com "L"	

2. Name of Operator		9. Well No.	
AMOCO PRODUCTION COMPANY		1A	
3. Address of Operator		10. Field and Pool, or Wildcat	
501 Airport Drive Farmington, NM 87401		Blanco Mesaverde	

4. Location of Well			
UNIT LETTER C LOCATED 900 FEET FROM THE North LINE AND 1730 FEET FROM			
THE West LINE OF SEC. 2 TWP. 29N RGE. 9W NMPM		12. County	
		San Juan	

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, CR, etc.)	19. Elev. Casinghead
11/23/77	11/29/77	1/28/78	5612' GL, 5625' KB	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools Cable Tools
4780'	4743'		O-TD	

24. Producing Interval(s), of this completion - Top, Bottom, Name		25. Was Directional Survey Made	
3885'-4612', Mesaverde		No	

26. Type Electric and Other Logs Run	27. Was Well Cored
Correlation, Sidewall Neutron, Induction Gamma-Ray, Compensated Density	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3	280'	13-3/4"	300 sx	
7"	20	2709'	8-3/4"	550 sx	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	2497'	4780'	300		2-3/8"	4613'	None

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3885-87, 3892-3905, 3908-30, 3938-48, 3952-69, 3980-86, 3992-94, 4012-16, 4052-56, 4059-70, 4099-4102, 4136-38, 4156-60, 4169-73, 4177-83, 4186-97, 4216-20, 4226-28, 4238-42, 4279-81, 4308-34, 4362-70, 4396-98, 4410-13, 4435-45, 4489-4526, 4533-36, 4539-47, 4550-		DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED	
		3885-4070 100,800# SN & 55,400 gal frac flu.	
		4099-4445 100,800# SN & 55,400 gal frac flu.	
		4489-4612 88,000# SN & 48,400 gal frac flu.	

33. 53, 4558-63, 4580-94, 4596-4600, (over) PRODUCTION		
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
	Flowing	SI

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/6/78	3	0.75"			214		
Flow Test Press.	Casing Pressure	Calculated 24-hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
13" psig	510 psig			1711			

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
To Be Sold	

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.		
Original Signed By	TITLE	DATE
SIGNED E. E. SVOBODA	Area Adm. Supervisor	2/8/78

The log must be filed with the appropriate Jointed Office of the Commission not later than 15 days after the completion of any newly drilled or completed well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including well cleanouts. All sections reported on shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Zones 36 through 54 shall be reported for each zone. The form is to be filed in quadruplicate except on state land where six copies are required. (See Rule 115).

Perforations cont'd: 4606-12 x 1 SPF of .38" diameter; total of 262 holes
INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

T. Anny _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland <u>2001'</u>	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs <u>2286'</u>	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House <u>3869'</u>	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee <u>4052'</u>	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout <u>4473'</u>	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubt _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 4, from.....to.....
No. 2, from.....to..... No. 5, from.....to.....
No. 3, from.....to..... No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

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 2/6/78			
Company Amoco Production Company				Connection El Paso Natural Gas Company					
Pool Blanco				Formation Mesaverde				Unit	
Completion Date 1-28-78		Total Depth 4780		Plug Back TD 4743		Elevation 5612		Farm or Lease Name State Gas Com "L"	
Csg. Size 7.000	Wt. 20	d 6.456	Set At 4709	Perforations: From 3885 To 4612		Well No. 1A			
Tub. Size 2.375	Wt. 4.7	d 1.995	Set At 4600	Perforations: From Open To Ended		Unit C	Sec. 2	Twp. 29	Rge. 9
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F 6		Mean Annual Temp. °F		Baro. Press. - P _a		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	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	
SI	9 days						519		596		
1.	2.375		.750				130	60	510		3 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		142	1.000	.9608	1.014	1711
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 _r 608		P _c 369664	
NO.	P _c	P _w	P _c ² - P _w ²
1		522	272484
2			
3			
4			
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{3.8039}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2.7238}$

AOIF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{4660}$

Absolute Open Flow 4660 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
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Remarks: **4.5" Liner Set @ 2497' - 4780'**

Approved by Commission:	Conducted by: T. M. Oliver	Calculated by: TMO / RWT	Checked by: J. L. KRUPKA
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