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U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRODUCTION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-103 and C-110
Effective 1-1-65

Operator Amoco Production Company	
Address 501 Airport Drive Farmington, NM 87401	
Reason(s) for filing (check proper box)	
New Well ☒	Change in Transporter of:
Recompletion ☐	Oil ☐ Dry Gas ☐
Change in Ownership ☐	Casinghead Gas ☐ Condensate ☐
Other (Please explain)	

If change of ownership give name
and address of previous owner

1. DESCRIPTION OF WELL AND LEASE

Lease Name Gallegos Canyon Unit	Well No. 207E	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee Federal	Lease No. SF-078905
Location				
Unit Letter D ; 950 Feet From The North Line and 1070 Feet From The West				
Line of Section 14 Township T28N Range R12W , NMPM, San Juan County				

2. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)					
Plateau, Inc.	4775 Indian School Rd, NE, Albuquerque, NM 87110					
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)					
El Paso Natural Gas Company	P.O. Box 990, Farmington, NM 87401					
If well produces oil or liquids, give location of tanks.	Unit D	Sec. 14	Twp. 28	Rge. 12	Is gas actually connected? No	When

If this production is commingled with that from any other lease or pool, give commingling order number:

3. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded 1-23-80	Date Compl. Ready to Prod. 4-3-80		Total Depth 6377'		P.B.T.D. 6322'			
Elevations (DF, REF, RT, GR, etc.) 5702' GL	Name of Producing Formation Dakota		Top Oil/Gas Pay 6094'		Tubing Depth 6271'			
Perforations 6094-6108', 6161-6202', 6214'6222', 6253-6257'					Depth Casing Shoe			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12-1/4"	8-5/8", 24.0#		298'		315			
7-7/8"	4-1/2", 11.6#		6376'		1325			
	2-3/8"		6271'					

4. TEST DATA AND REQUEST FOR ALLOWABLE
OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D 1487	Length of Test 3 hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.) Back Pressure	Tubing Pressure (Shut-in) 825	Casing Pressure (Shut-in) 905	Choke Size 750

5. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Original Signed By
E. E. SVOBODA

(Signature)

District Administrative Supervisor

(Title)

5-12-80

(Date)

OIL CONSERVATION COMMISSION

APPROVED JUN 1980, 19

BY Original Signed by FRANK L. CHAVEZ

TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation logs taken on the well in accordance with rule 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply



LTR



Job separation sheet

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 04 30 80	
Company Amoco Production Co.				Connection El Paso Natural Gas Co		
Pool LASIN				Formation DAKOTA		Unit
Completion Date 04 03 80		Total Depth 6376		Plug Back TD 6332		Elevation 5732 GL
Form or Lease Name GALLEGOS CANYON UNIT						
Coq. Size 4.500	Wt. 11.6	d 4.000	Set At 6377	Perforations: From 6094 To 6257		Well No. 207E
Fig. Size 2.375	Wt. 4.7	d 1.995	Set At 6271	Perforations: From open ended		Unit Soc. Twp. Rge. D 14 28 12
Type Well - Single - Brindenhead - G.C. or C.O. Multiple SINGLE				Packer Set At NONE		County San Juan
Producing Thru tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		State New Mexico
L	H	Cq	% 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 _v	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1	2.375		.750				325		905		3 hrs
2							116		546		
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	12.265		128	1.000	.9253	1.015	1487
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbon _____ 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 917 P _c ² 840889				
NO.	P ₁ ²	P _w	P ₂ ²	P _c ² - P ₂ ²
1		558	311364	529525
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_2^2 - P_2^2} = 1.5880$

AOF = Q $\left[\frac{P_2^2}{P_2^2 - P_2^2} \right]^n = 2104$

(2) $\left[\frac{P_c^2}{P_2^2 - P_2^2} \right]^n = 1.4146$

Absolute Open Flow	2104	Mcf @ 15.025	Angle of Slope	Slope, n = .75
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Approved by Division	Conducted By: JJB	Calculated By: J J BARNETT	Checked By: B E FACKRELL
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LTR



Job separation sheet

D-14-28-12

<u>DEPTH</u>	<u>DEVIATION</u>
298'	1
885'	3/4
1350'	1/2
1850'	3/4
2232'	1/2
2574'	1/2
3070'	1
3600'	3/4
4200'	3/4
4710'	3/4
5200'	1-1/4
5820'	1-1/4
6094'	2

A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation tests taken on AMOCO PRODUCTION COMPANY'S

Signed CT Suboda
Title Dist. Adm. Supvr.

THE STATE OF NEW MEXICO))
) SS.
COUNTY OF SAN JUAN)

BEFORE ME, the undersigned authority, on this day personally appeared E. E. Svoboda known to me to be Dist. Adm. Supvr. for Amoco Production Company and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State this 12th day of May, 1980.

Gleason T. Brown
Notary Public

My Commission Expires: December 26, 1983