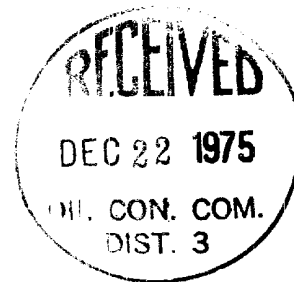


CONTINENTAL OIL COMPANY

P. O. Box 460
Hobbs, New Mexico

New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240



Gentlemen:

In compliance with New Mexico Oil Conservation Commission Rule III, we are submitting below a list of deviation surveys taken on Continental Oil Company's AXI APACHE O No. 7, located Unit Unit H Section 3-T-25 R-4W, Rio Arriba County, New Mexico.

<u>DEPTH</u>	<u>DEGREE</u>	<u>DEPTH</u>	<u>DEGREE</u>	<u>DEPTH</u>	<u>DEGREE</u>
<u>800</u>	<u>1/4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>1160</u>	<u>1/2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>1543</u>	<u>1/2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>1832</u>	<u>1</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>2440</u>	<u>1</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>3100</u>	<u>1 1/4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>3360</u>	<u>1 1/4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>3560</u>	<u>1 1/4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>3720</u>	<u>1 1/4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Yours very truly,

Stephen A Johnson

Subscribed and sworn to before me, a Notary Public, in and for Lea County, New Mexico, this 14th day of December, 1975.

7-4-76
My Commission Expire

Barbara E. Sullivan
Notary Public

MULTIPOINT AND ONE POINT BACKPRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 11-24-75	
Company CONTINENTAL OIL CO.			Connection UNCONNECTED		
Pool SOUTH BLANCO			Formation PICTURED CLIFFS		Unit H
Completion Date 10-31-75		Total Depth 3590	Plug Back TD 3569	Elevation 6999	Farm or Lease Name Hilltop "C"
Csg. Size 2 7/8"	Wt. 6.5	d 2.5	Set At 3590	Perforations: From 3512 To 3569	Well No. 7
Tbg. Size	Wt.	d	Set At	Perforations: From To	Unit Soc. Twp. Rge. 3 25N 4W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				Packer Set At NONE	County RIO ARRIAZ
Producing Thru CHSING		Reservoir Temp. °F 110 @ 3556	Mean Annual Temp. °F 50°	Baro. Press. - P _a 12.2	State NEW MEXICO
L 3559	H	G _g .695	% CO ₂	% N ₂	% H ₂ S
Prover 3/4" CHOKE NECKLE			Meter Run		

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	7 DAY SI								9.30	50°	SI 7 DAYS
1.	3/4" CHOKE NECKLE			78		24°					3 HR FLOW
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	9.604		90.2	1.032	1.200	1.000	1078
2.							
3.							
4.							
5.							

NO.	P _r	DEC 22 1975	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.			
1.		OIL CON. COM. DIST. 3		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 942.2 P _c 387241			
NO.	P _w	P _w ²	P _c ² - P _w ²
1	8136	90.23	8142
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0093$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0000$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1078$$

Absolute Open Flow	1078	Mcfd @ 15.025	Angle of Slope @	Slope, n	-85
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Remarks: TURBINGLESS COMPLETION			
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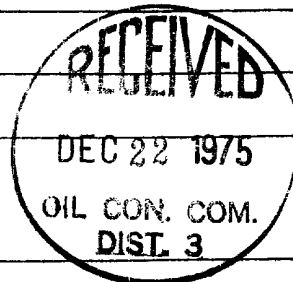
Approved By Commission:	Conducted By: PAT DeFoe	Calculated By: PAT DeFoe	Checked By:
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NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	2
PRORATION OFFICE	

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

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

Operator Continental Oil Company	
Address P.O. Box 460 Hobbs New Mexico	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>



If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name AXI Apache O	Well No. 7	Pool Name, Including Formation So. Blanco Pictured Cliffs	Kind of Lease State, Federal or Fee Indian	Lease No.
Location Unit Letter H ; 1450 Feet From The north Line and 1105 Feet From The EAST Line of Section 3 Township 25N Range 4W , NMPM, Rio Arriba County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Southern Union Gas Co.	Fidelity Union Tower, Dallas Tx 75201	
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Twp.	Rge.
	Is gas actually connected?	When
	yes	12-19-75

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

IV. 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 9-11-75	Date Compl. Ready to Prod. 10-31-75	Total Depth 3717	P.B.T.D. 3694'					
Elevations (DF, RKB, RT, GR, etc.) 6988 GR	Name of Producing Formation Pictured Cliffs	Top Oil/Gas Pay 3520	Tubing Depth 3694'					
Perforations 3517-3520', 3550-3553', 3559'-3569	Depth Casing Shoe 3668							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET		SACKS CEMENT				
12 1/4	8 7/8	222		179				
6 7/8	2 7/8	3694		210				

V. 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 1078 AOF	Length of Test 3 hrs	Bbls. Condensate/MMCF 0	Gravity of Condensate 0
Testing Method (pitot, back pr.) back pressure	Tubing Pressure (Shut-in) -	Casing Pressure (Shut-in) 930	Choke Size 3/4

VI. 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.

Ralph Froudy
(Signature)
Administrative Supervisor
(Title)
12-19-75
(Date)

OIL CONSERVATION COMMISSION
APPROVED DEC 22 1975, 19
BY ORIGINAL SIGNED BY N. E. MAXWELL, JR.
TITLE PETROLEUM ENGINEER DIST. NO. 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 tests 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 completed wells.

NMOCC (AZTEC), USGS (2), EXRON, AZTEC, AMOCO, etc