

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

- NSL NSP DD SD

JUN - 4 1999

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement

- DHC CTB PLC PC OLS OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

- WFX PMX SWD IPI EOR PPR

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

[A] Working, Royalty or Overriding Royalty Interest Owners

[B] Offset Operators, Leaseholders or Surface Owner

[C] Application is One Which Requires Published Legal Notice

[D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] Waivers are Attached

[3] **INFORMATION / DATA SUBMITTED IS COMPLETE** - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Kay Maddox Kay Maddox Regulatory Agent 6/2/99
Print or Type Name Signature Title Date

DISTRICT I
 P O Box 1980, Hobbs, NM 88241 1980

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-107-A
 New 3-12-96

DISTRICT II
 811 South First St. Artesia NM 88210 2835

OIL CONSERVATION DIVISION

2040 S. Pacheco
 Santa Fe, New Mexico 87505-6429

APPROVAL PROCESS:
 Administrative Hearing

DISTRICT III
 1000 Rio Brazos Rd. Aztec, NM 87410 1693

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE
 YES NO

Operator Conoco Inc. Address 10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500

Lease AXI Apache N Well No # 12 Unit Ltr Sec Twp Rge Section 11, T-25-N, R-4-W, C County Rio Arriba, NM

OGRID NO. 005073 Property Code 003136 API NO. 30-039-21436 Spacing Unit Lease Types: (check 1 or more)
 Federal, State, (and/or) Fee

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blanco Pictured Cliffs, So. 72439		Blanco Mesaverde 72319
2. TOP and Bottom of Pay Section (Perforations)	3908-3914'		6012-6084'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a (Current) 303	a.	a. 575
	b(Original) 1175	b.	b. 1315
6. Oil Gravity (*API) or Gas BT Content	1209		1279
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)	Yes		Yes
• If Shut-In give date and oil/gas/water rates of last production Note For new zones with no production history applicant shall be required to attach production estimates and supporting data • If Producing, date and oil/gas/water rates of recent test (within 60 days)	Date Rates	Date Rates:	Date Rates
	Date Rates 4/99 24 MCFD, 0 BOPD, 0 BOWD	Date Rates 4/99 47 MCFD, 3 BOPD, 6 BOWD	
8. Fixed Percentage Allocation Formula - % for each zone	oil: 3 % Gas 37 %	oil: % Gas %	oil: 97 % Gas 63 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? Yes No
 If not, have all working, overriding, and royalty interests been notified by certified mail? Yes No
 Have all offset operators been given written notice of the proposed downhole commingling? Yes No

11. Will cross-flow occur? Yes No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. Yes No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each others Yes No

13. Will the value of production be decreased by commingling? Yes No (If Yes, attach explanation)

14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. Yes No

15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). _____

16. ATTACHMENTS

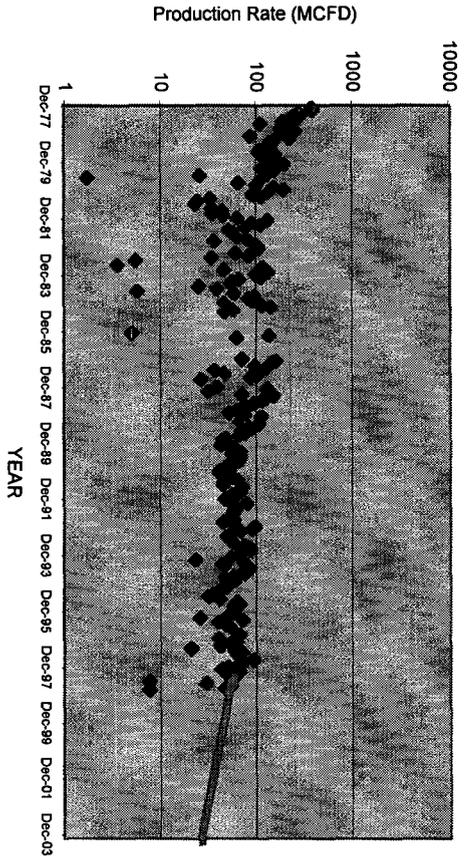
- * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- * Production curve for each zone for at least one year. (If not available, attach explanation.)
- * For zones with no production history, estimated production rates and supporting data.
- * Data to support allocation method or formula.
- * Notification list of all offset operators.
- * Notification list of working, overriding and royalty interests for uncommon interest cases.
- * Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kay Maddox TITLE Regulatory Agent DATE June 2, 1999

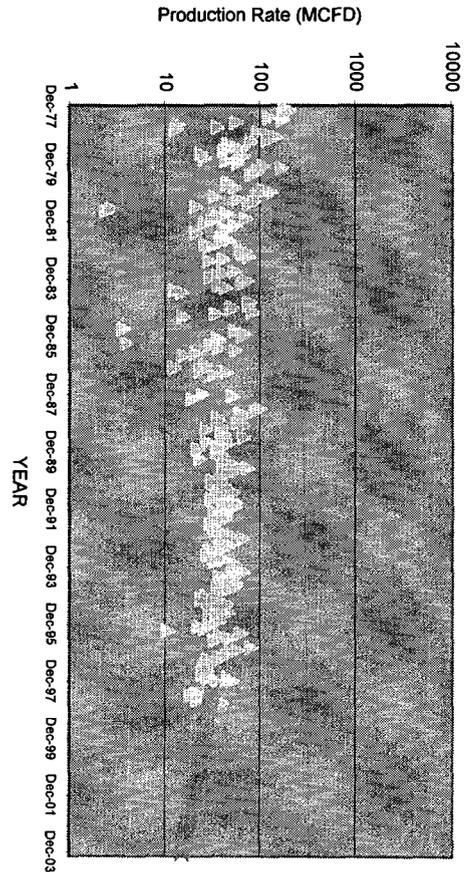
TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. (915) 686-5798

AXI APACHE N 12 - MV / PC DHC
25N-4W-11C, Rio Arriba County, New Mexico



◆ MV - Actual ◻ MV - Forecast

AXI APACHE N 12 - MV / PC DHC
25N-4W-11C, Rio Arriba County, New Mexico



▲ PC - Actual X PC - Forecast

MESAVERDE			
Historical Data:	1st Prod - Dec-77	Projected Data:	
Oil Cum:	3,847 Mbo	1/99 Qi:	49.9 Mcfd
Gas Cum:	565.4 MMcf	Decline Rate:	13.0 %
Oil Yield:	0.00680 Bbl/Mcf		

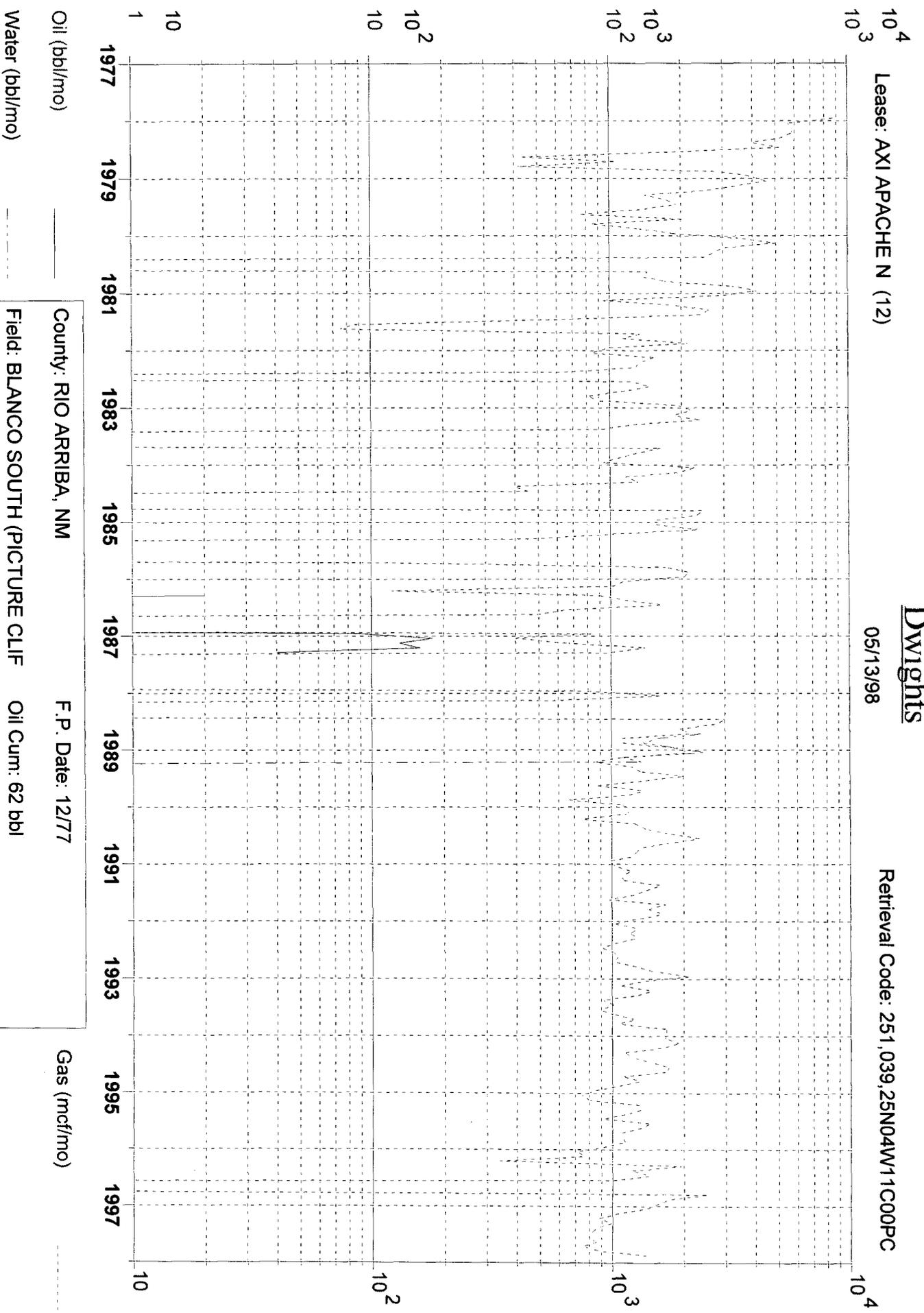
PICTURED CLIFFS			
Historical Data:	1st Prod - Dec-77	Projected Data:	
Oil Cum:	0.06 Mbo	1/99 Qi:	28.9 Mcfd
Gas Cum:	341.14 MMcf	Decline Rate:	13.0 %
Oil Yield:	0.00018 Bbl/Mcf		

Fixed Commingle Allocation Factors:			
	GAS	OIL	
Mesaverde	63%	97%	
Pictured Cliffs	37%	3%	

Lease: AXI APACHE N (12)

Dwights
05/13/98

Retrieval Code: 251,039,25N04W11C00PC



Oil (bbl/mo)

Water (bbl/mo)

Gas (mcf/mo)

County: RIO ARRIBA, NM F.P. Date: 12/77

Field: BLANCO SOUTH (PICTURE CLIF Oil Cum: 62 bbl

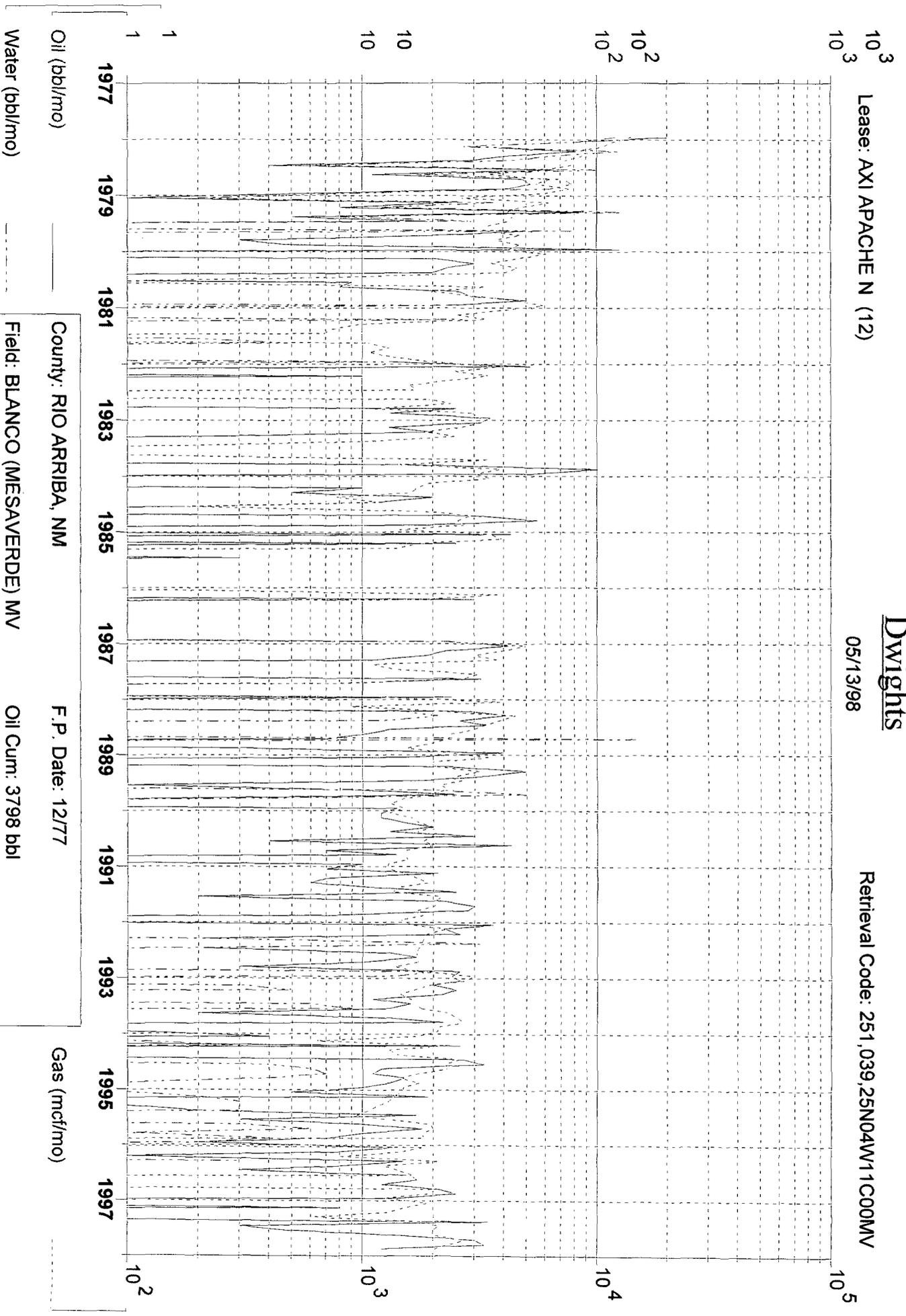
Reservoir: PICTURE CLIFFS Gas Cum: 330.8 mmcf

Operator: CONOCO INC Location: 11C 25N 4W

Lease: AXI APACHE N (12)

Dwights
05/13/98

Retrieval Code: 251,039,25N04W11C00MV



Country: RIO ARriba, NM	F.P. Date: 12/77
Field: BLANCO (MESAVERDE) MV	Oil Cum: 3798 bbl
Reservoir: MESAVERDE	Gas Cum: 551.3 mmcf
Operator: CONOCO INC	Location: 11C 25N 4W

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator CONTINENTAL OIL COMPANY		Lease AXI APACHE "N"		Well No 12
Unit Letter C	Section 11	Township 25 NORTH	Range 4 WEST	County RIO ARriba
Actual Footage Location of Well: 1190 feet from the NORTH line and 1850 feet from the WEST line.				
Ground Level Elev 7383	Producing Formation Mesa Verde	Pool Blanco Mesa Verde	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

() Yes () No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this Form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

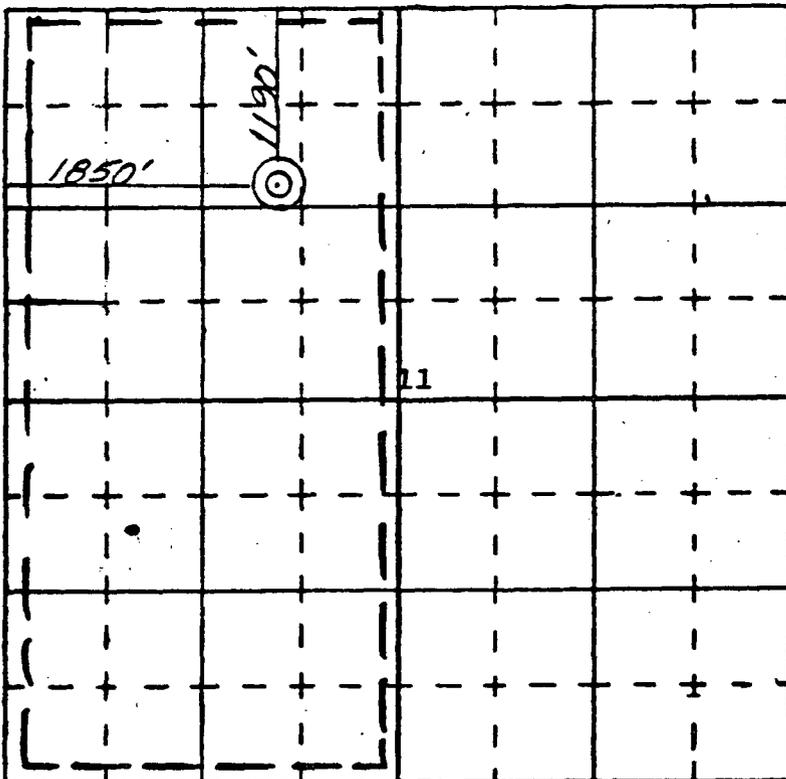
CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Wm. A. Butterfield
 Position ADMIN. SUPERV.
 Company Continental Oil Co.
 Date 3-16-77

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed 17 February 1977
James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor **James P. Leese**



Certificate No. 1463

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator CONTINENTAL OIL COMPANY		Lease AXI APACHE "N"		Well No 12	
Unit Letter C	Section 11	Township 25 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well 1190 feet from the NORTH line and 1850 feet from the WEST line.					
Ground Level Elev. 7383	Producing Formation Pictured Cliffs South Blanco			Pool	Dedicated Acreage 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?
 Yes No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

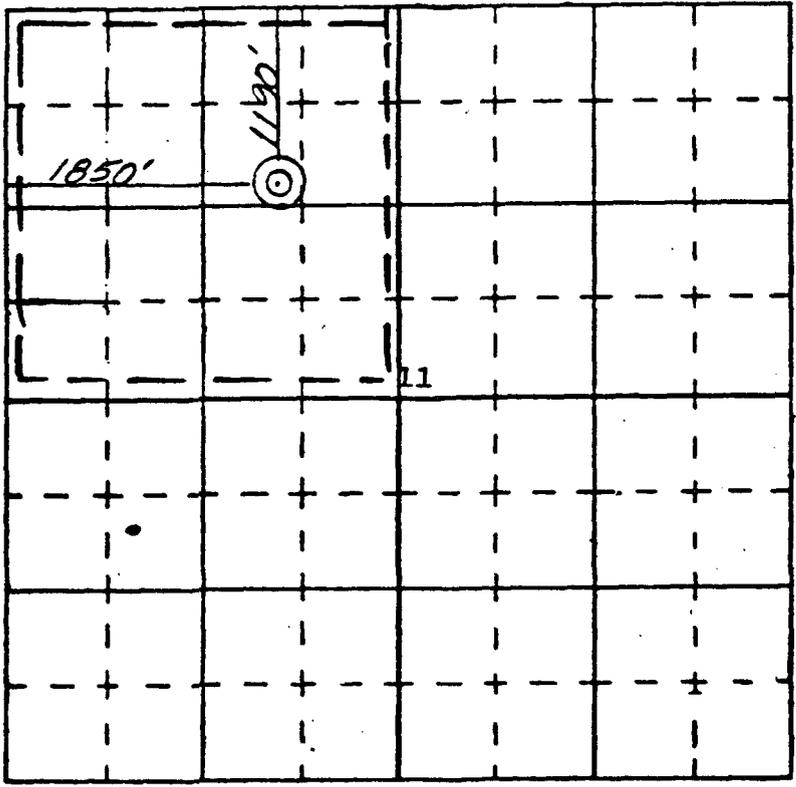
CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Wm. A. Tuttlefield
 Position ADMIN. SUPERV.
 Company Continental Oil Co.
 Date 3-16-77

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed 17 February 1977
James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor **James P. Leese**



June 2, 1999

AXI Apache N # 12
Section 11, T-25-N, R-4-W, C
API # 30-039-21436
Rio Arriba, NM

RE: Application to Downhole Commingle (C107A)

Offset Operators:

M&W Petroleum Corp.
200 Post Oak Blvd. STE 100
Houston, TX 77056-4400

Burlington Resources
PO Box 4289
Farmington, NM 87499

Chace Oil Co.
5577 S. Lewis
Tulsa, OK 74105

Robert L. Bayless
PO Box 168
Farmington, NM 87499

A copy of the C-107A Application has been sent to the above listed parties.

AXI Apache N12

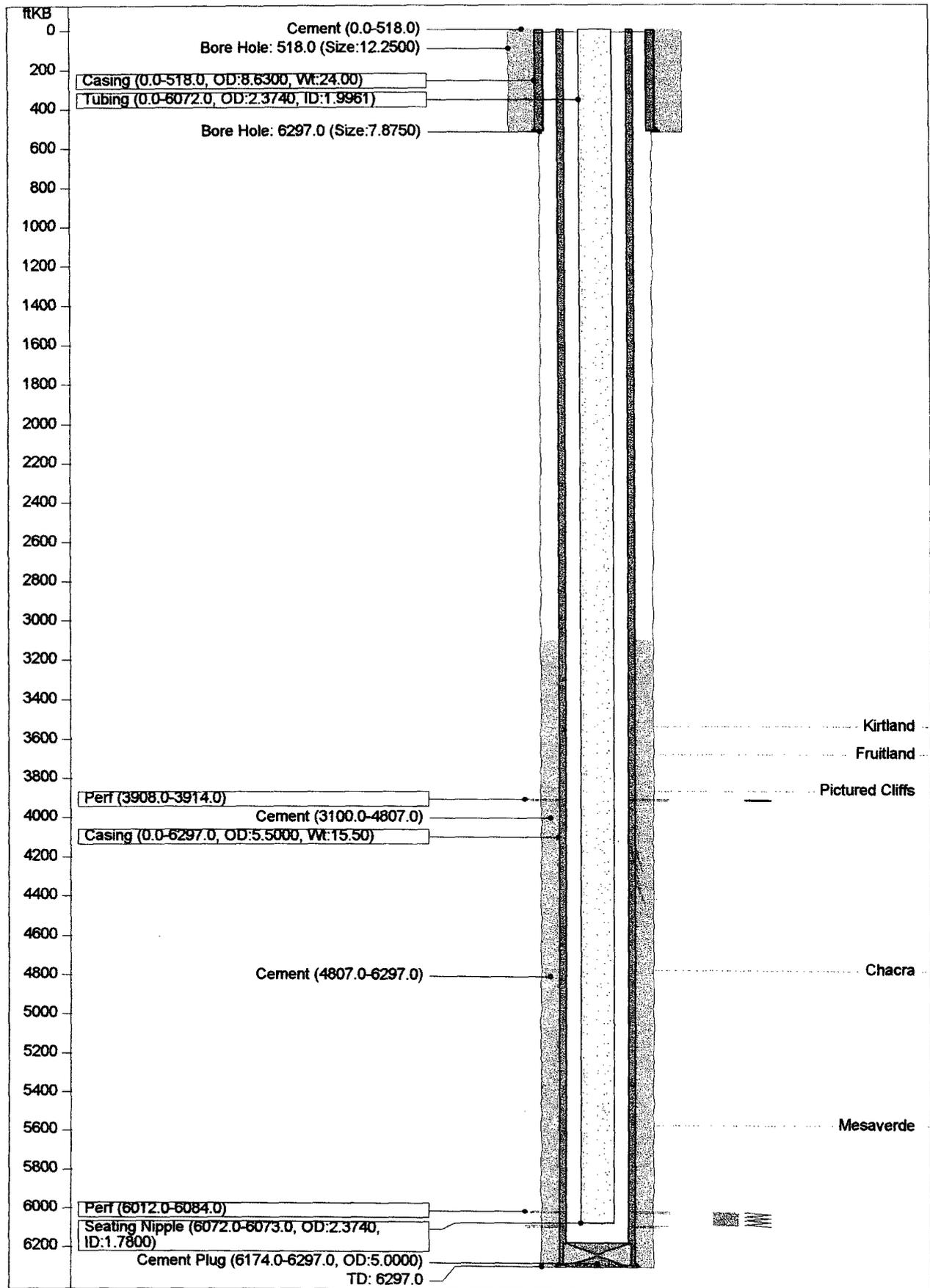
Economic/Rate Justification for Down Hole Commingling

Approval is requested to down hole commingle the existing zones in the subject well. The AXI Apache N12 has 5 1/2" production casing. It is dually completed using a 1.66" tubing string for the Picture Cliffs and a 2.375" tubing string for the Mesa Verde. Both zones produce some liquids and are producing well below the minimum critical rate required to unload liquids from the well bore. Although the Mesa Verde is being plunger lifted at this time, the Picture Cliffs zone is not and plunger lifting the Picture Cliffs using the existing 1.66" tubing is impractical. To optimize production it is recommended to pull the existing equipment from the well, and produce both zones using plunger lift in a single 2 3/8" tubing string. The expected production increase is estimated at 30 MCFD.

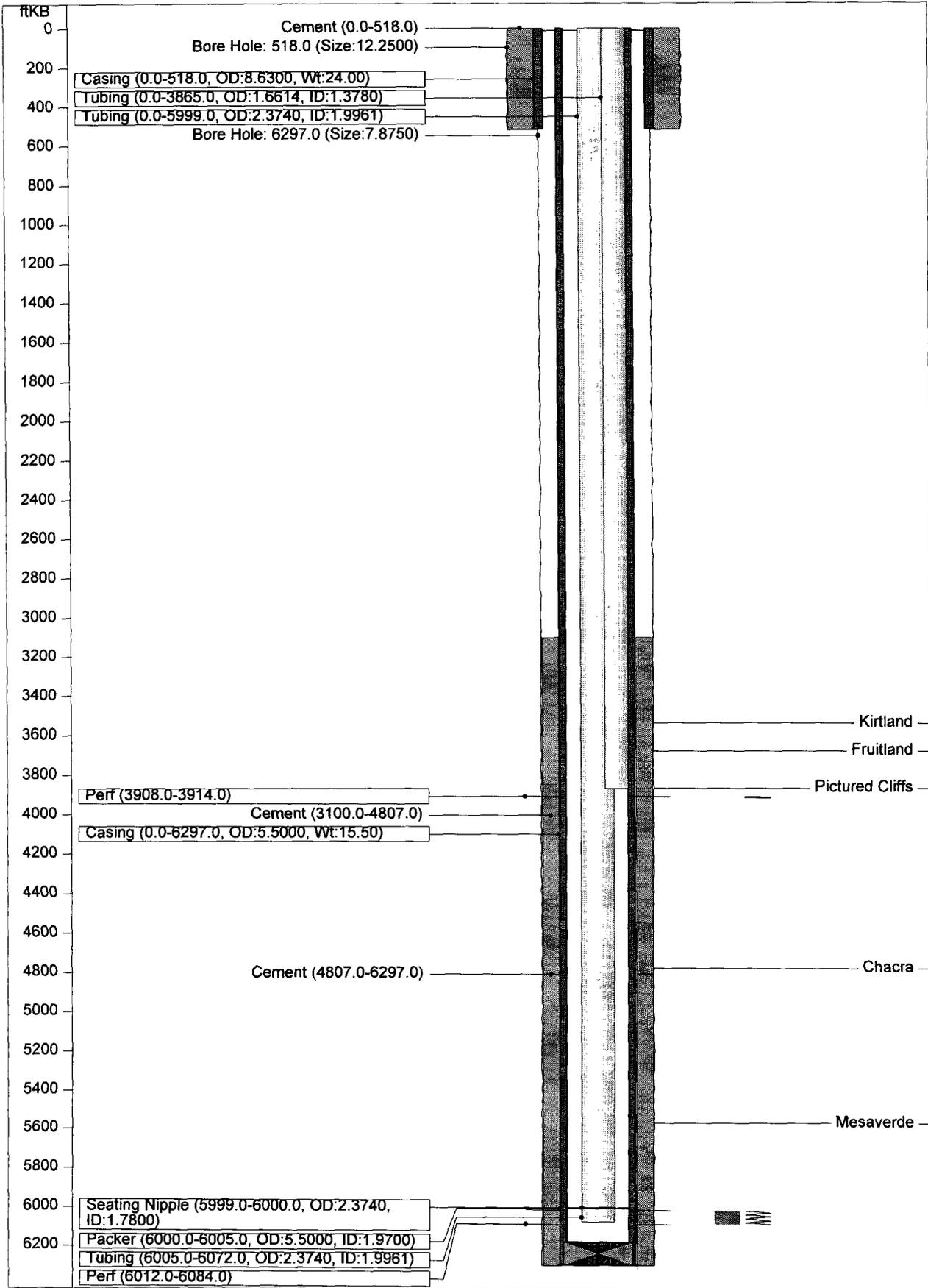
The single larger tubing string will not only allow for more efficient plunger operation, but will eliminate the cost to install a second plunger lift system and save approximately \$2000 per year in plunger lift operating expenses.

Production from these zones is established by ample production history. A production plot is attached showing best fit projections of future production for each zone. Form 107A shows the fixed percentage formula for allocation of production from each zone.

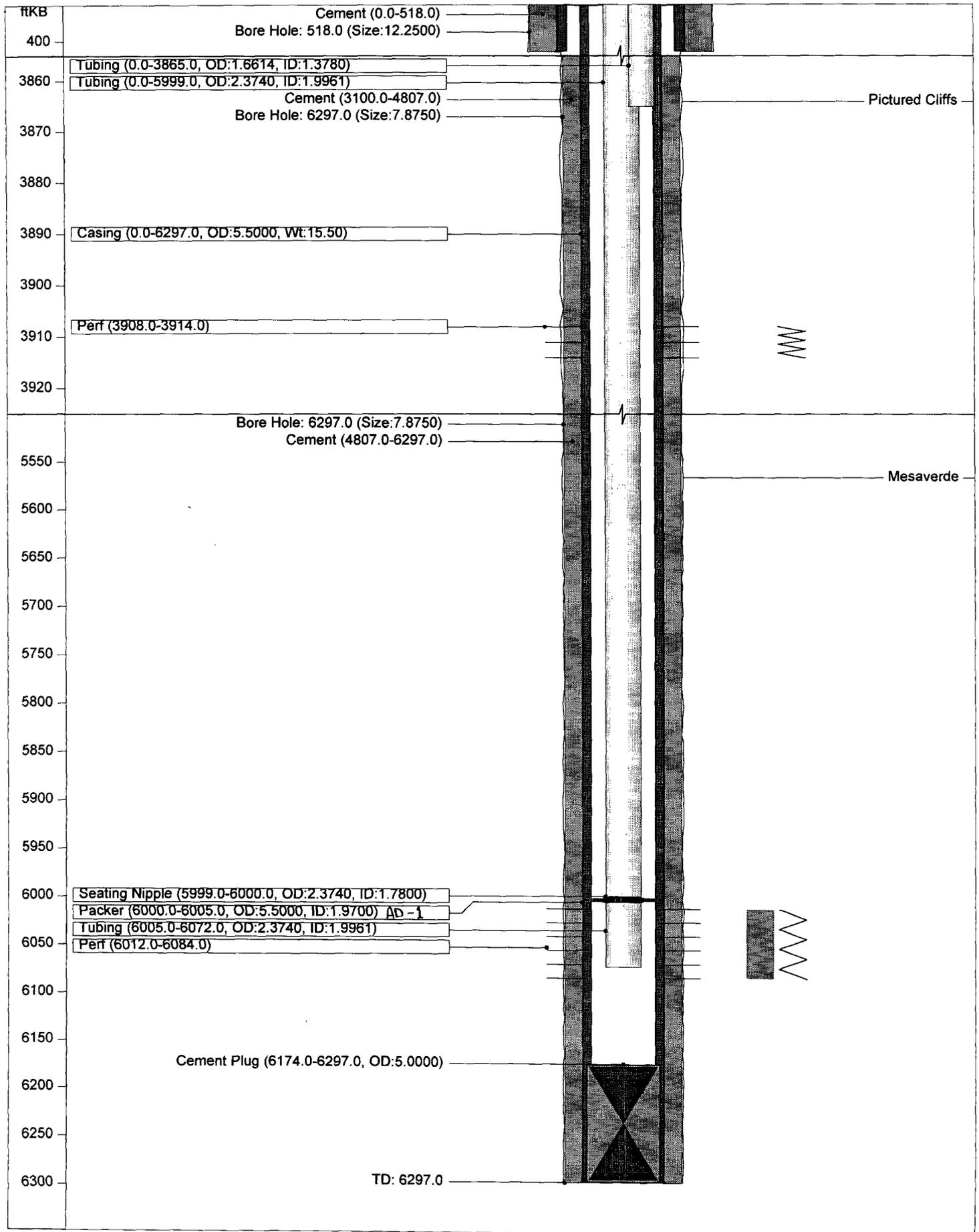
AXI APACHE N 12 (Post DHC Work)



AXI APACHE N 12 (LFW 9/30/97)



AXI APACHE N 12 (LFW 9/30/97)



AXI APACHE N 12 (LFW 9/30/97)

AXI APACHE N 12 (LFW 9/30/97)								
API Code	300392143600			Field Code	676398740			
TD	6297.0 ftKB			Basin	SAN JUAN BASIN			
PBTD	6174.0 ftKB			Basin Code	580			
State	New Mexico			Permit	13-Jun-77			
County	RIO ARRIBA			Spud	26-Jun-77			
District	San Juan O.U.			Finish Drl	05-Jul-77			
Permit No.				Completion	29-Aug-77			
TD Measured	6297 ftKB			Abandon				
Reservoir	Mesaverde/Pictured Cliffs							
Field	BLANCO MV/ BLANCO SOUTH PC							
Location								
Meridian	NM			Top Latitude	36.41786			
Township	25N			Top Longitude	107.224			
Range	4W			Top NS Distance	1190.0 ft N			
Section	11			Top EW Distance	1850.0 ft W			
Quarter	NE NW			Bottom Latitude	0			
				Bottom Longitude	0			
				Btm NS Distance	0.0 ft			
				Btm EW Distance	0.0 ft			
Elevations								
KB	7395.0 ft			Cas Flng	0.0 ft			
Grd	7383.0 ft			Tub Head	0.0 ft			
KB-Grd	12.0 ft							
Bore Hole Data								
				Depth (ftKB)	Size (in)			
				518.0	12.2500			
				6297.0	7.8750			
Casing String - Surface Casing								
Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments	
8.6300 in Casing	518.0	12	8.1000	24.00	K-55	ST&C		
Casing String - Production Casing								
Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments	
5.5000 in Casing	6297.0	186	4.9500	15.50	J-55	ST&C		
Casing Cement								
Casing String	Top (ftKB)	Amount (sx)	Comments					
Surface Casing	0.0	320	Cement circ					
Production Casing	3100.0	370	TOC by est. Pump thru DV @ 4807"					
Production Casing	4807.0	405	TOC by est. 1st stg: Open and circ thru DV @ 4807' for 4 hrs					
Other (plugs, equip., etc.) - Plug Backs								
Date	Item	Int (ftKB)		Comments				
14-Jul-77	Cement Plug	6174.0 - 6297.0						
Perforations								
Date	Int	Shots (/ft)	Type	Comments				
15-Jul-77	6012.0 - 6084.0	1.0		@ 6012-24', 6042-54', 6068-84'. (40 shots) In 100 G 7 1/2% HCL NEFE				
13-Aug-77	3908.0 - 3914.0	1.0		6 shots. In 100 G 7 1/2% HCL NEFE				
Stimulations & Treatments								
Date	Type	Zone	Int	Fluid	Comments			
15-Jul-77	Acid Squeeze	MV (PLO)	6012.0 - 6084.0	7 1/2% HCL	BD w/ 1,500 G + 52 BS. AIR= 8 bpm @ 3100#			
16-Jul-77	Fracture	MV (PLO)	6012.0 - 6084.0	Water	Frac w/ 43,050 G Treated water + 117,500# 20/40 sd. AIR= 33 bpm @ 200# ISIP Vacuum			
14-Aug-77	Fracture	Pictured Cliffs	3908.0 - 3914.0	70 Q Foam	Frac w/ 38,850 G + 52,500# 20/40 sd. AIR= 25 bpm @ 2550#. (amount of N2 used N/A) ISIP N/A			
Tubing String - Tubing (PC)								
Item (in)	Top (ftKB)	Len (ft)	Jnts	ID (in)	Wt	Grd	Thd	Comments
1.6614 in Tubing	0.0	3865.0	122	1.3780	2.33	IJ	10rd	Land @ 3865' w/ Pin Collar on bottom.
Tubing String - Tubing (MV)								
Item (in)	Top (ftKB)	Len (ft)	Jnts	ID (in)	Wt	Grd	Thd	Comments
2.3740 in Tubing	0.0	5999.0	186	1.9961	4.70	J-55	8rd EUE	
2.3740 in Seating Nipple	5999.0	1.0		1.7800	0.00		8rd EUE	
5.5000 in Packer	6000.0	5.0		1.9700	0.00		8rd EUE	Model AD-1
2.3740 in Tubing	6005.0	67.0	2	1.9961	4.70	J-55	8rd EUE	Land @ 6072'
Formation/Horizon Tops								
Top (ftKB)		Formation						
3536.0		Kirtland						
3677.0		Fruitland						

AXI APACHE N 12 (LFW 9/30/97)

Formation/Horizon Tops (con't)		Formation		
Top (ftKB)				
3864.0	Pictured Cliffs			
4774.0	Chacra			
5566.0	Mesaverde			
Logs Run				
Date	Type	Int	Company	Comments
05-Jul-77	IND	512.0 - 6280.0	Schlumberger	
05-Jul-77	DEN/NEU	3500.0 - 6278.0	Schlumberger	
14-Jul-77	GR-C	5800.0 - 6174.0	Blue Jet	
General Notes				
Date	Note			
05-Aug-77	Initial Potential: Mesaverde: F 2344 MCFGPD on 3/4 ck; Pictured Cliffs: F 1171 MCFGPD on			
29-Aug-77	Initial Potential: Pictured Cliffs: F 1171 MCFD AOF TP 760# CP 760#			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

File

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. SERV. Other _____

2. NAME OF OPERATOR
Continental Oil Company

3. ADDRESS OF OPERATOR
Box 460, Hobbs, N.M., 88240.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface *1190' FNL & 1850' FNL OF SEC. 11*
At top prod. interval reported below
At total depth *Same*

5. LEASE DESIGNATION AND SERIAL NO.
Contract No. 121
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ticorilla Apache
7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
AXI Apache N

9. WELL NO.
12

10. FIELD AND POOL, OR WILDCAT
Blanco Pictured Cliffs
Blanco Mesa Verde

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 11, T-25N, R-4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
N.M.

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED *6-26-77* 16. DATE T.D. REACHED *7-4-77* 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* *7383 GR* 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD *6297'* 21. PLUG BACK T.D., MD & TVD *6174'* 22. IF MULTIPLE COMPL., HOW MANY* *2* 23. INTERVALS DRILLED BY *Rotary* ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
3908'-3914' South Blanco Pictured Cliffs 25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
SP IES GR CAL FDC 27. WAS WELL CORED
No.

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<i>8 7/8</i>	<i>24 #</i>	<i>518'</i>	<i>17 1/2"</i>	<i>370 SX</i>	<i>-</i>
<i>5 1/2"</i>	<i>15.5 #</i>	<i>6297'</i>	<i>7 7/8"</i>	<i>405 SX</i>	<i>-</i>

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<i>2 3/8</i>	<i>3865'</i>	<i>6000'</i>

31. PERFORATION RECORD (Interval, size and number)
3908'-3914' w/1 JSPF South Blanco Pictured Cliffs

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<i>3908-3914</i>	<i>52,500 # Sand + 925 Bbls Foam</i>

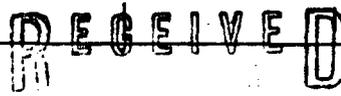
33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
<i>8-12-77</i>	<i>Flowing</i>	<i>Shut-in Pending Pipeline Conn.</i>					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	MOD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<i>8-29-77</i>	<i>24</i>	<i>3/4"</i>	<i>→</i>		<i>1171</i>		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		<i>→</i>					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY
D.L. Moore

35. LIST OF ATTACHMENTS
SEP 6 1977

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED *W.D. Butterfield* TITLE *APPROV. SUPERV.* DATE *9-2-77*



CONFIDENTIAL SUBJECT TO PROTECTIVE ORDER OF THE UNITED STATES DISTRICT COURT OF NEW MEXICO

* (See Instructions and Spaces for Additional Data on Reverse Side)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved. Budget Bureau No. 42-R355.6.

File

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL [] GAS WELL [x] DRY [] Other []
b. TYPE OF COMPLETION: NEW WELL [x] WORK OVER [] DEEP-EN [] PLUG BACK [] DIFF. RESVR. [] Other []

2. NAME OF OPERATOR: Continental Oil Company

3. ADDRESS OF OPERATOR: Box 460, Hobbs, N.M., 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 1190' FNL & 1850' FWL OF Sec. 11
At top prod. interval reported below: Same
At total depth: Same

5. LEASE DESIGNATION AND SERIAL NO. Contract No. 121
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Jicarilla Apache
7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: AXI Apache "N"
9. WELL NO.: 12

10. FIELD AND POOL OR WILDCAT: S. Blanco Pictorial cliffs Blanco Mesa Verde
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 11, T-25N, R4W

14. PERMIT NO. DATE ISSUED
12. COUNTY OR PARISH: RIO ARRIBA
13. STATE: N.M.

15. DATE SPUNDED: 6-26-77
16. DATE T.D. REACHED: 7-4-77
17. DATE COMPL. (Ready to prod.): 7-27-77
18. ELEVATIONS (DF, RKB, RT, GR, ETC.): 7383'
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD: 6297'
21. PLUG BACK T.D., MD & TVD: 6174'
22. IF MULTIPLE COMPL., HOW MANY: 2
23. INTERVALS DRILLED BY: Rotary
ROTARY TOOLS: Rotary
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 6012'-6084' Blanco Mesa Verde
25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: SPIES GR CAL FDC
27. WAS WELL CORED: No.

28. CASING RECORD (Report all strings set in well)
Table with columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED

29. LINER RECORD
30. TUBING RECORD
Table with columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
6012'-6024'; 6042'-6054'; 6068'-6084' w/ 1/2" SPF Blanco Mesa Verde
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Table with columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION
Table with columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
TEST WITNESSED BY: F. T. Chavez

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED: [Signature] TITLE: Admin. Supv. DATE: 8-18-77

*(See Instructions and Spaces for Additional Data on Reverse Side)

USGS-Durango(6), 625 CO. NM 7, EXXON, MTL, BEA, F/0220022