

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

2372

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
Print or Type Name

Signature

Kay Maddox

Regulatory Agent
Title

6/2/99
Date

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241 1980
DISTRICT II
811 South First St. Artesia NM 88210 2835
DISTRICT III
1000 Rio Brazos Rd. Aztec, NM 87410 1693

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

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

APPROVAL PROCESS:
☒ Administrative ☐ Hearing
EXISTING WELLBORE
☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Operator Conoco Inc. Address 10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500
Lease AXI Apache K Well No #4 Unit Ltr Sec Twp Rge Section 3, T-26-N, R-5-W, M County Rio Arriba, NM
OGRID NO. 005073 Property Code 003133 API NO. 30-039-82254 Spacing Unit Lease Types: (check 1 or more)
Federal ☒ State ☐ (and/or) Fee ☐

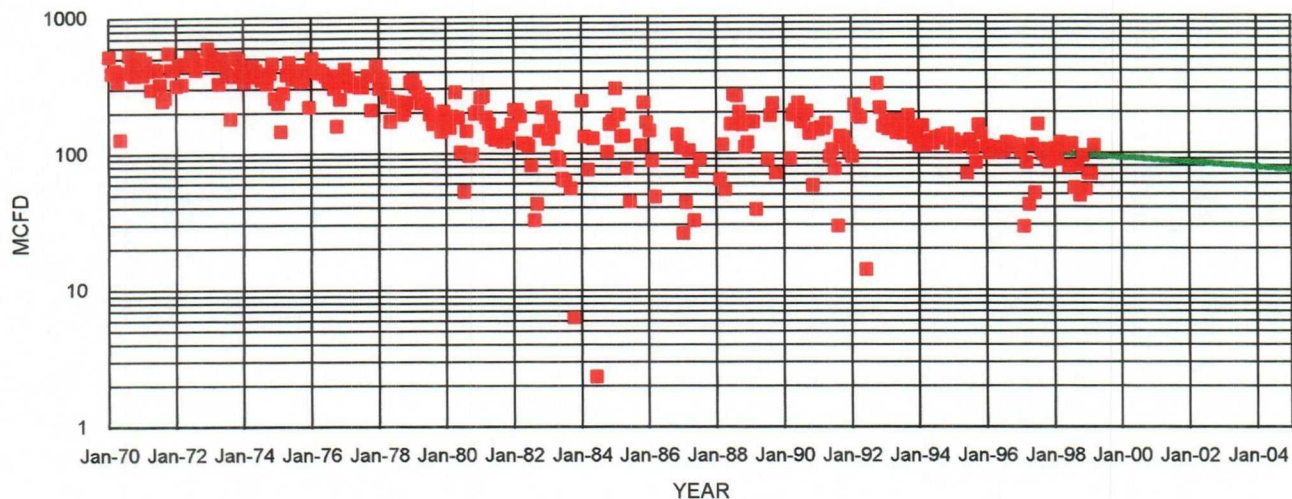
The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blanco Pictured Cliffs, So 72439		Blanco Mesaverde 72319
2. TOP and Bottom of Pay Section (Perforations)	3772-3830'		5436-6008'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure	a. (Current)	a.	a.
Oil Zones - Artificial Lift: Estimated Current	330		575
Gas & Oil - Flowing: Measured Current	b.(Original)	b.	b.
All Gas Zones: Estimated Or Measured Original	1175		1315
6. Oil Gravity (*API) or Gas BT Content	1215		1297
7. Producing or Shut-In?	Shut-in		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 6/84 14 MCFD, 0 BOPD, 0 BWPD	Date Rates:	Date Rates
	Date Rates	Date Rates	4/99 68 MCFD, 0 BOPD, 6 BWPD
8. Fixed Percentage Allocation Formula - % for each zone	oil: 8 % Gas 13 %	oil: % Gas %	oil: 92 % Gas 87 %

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 K-4 MESAVERDE PRODUCTION
SECTION 3M-26N-05W, RIO ARRIBA COUNTY, NEW MEXICO**



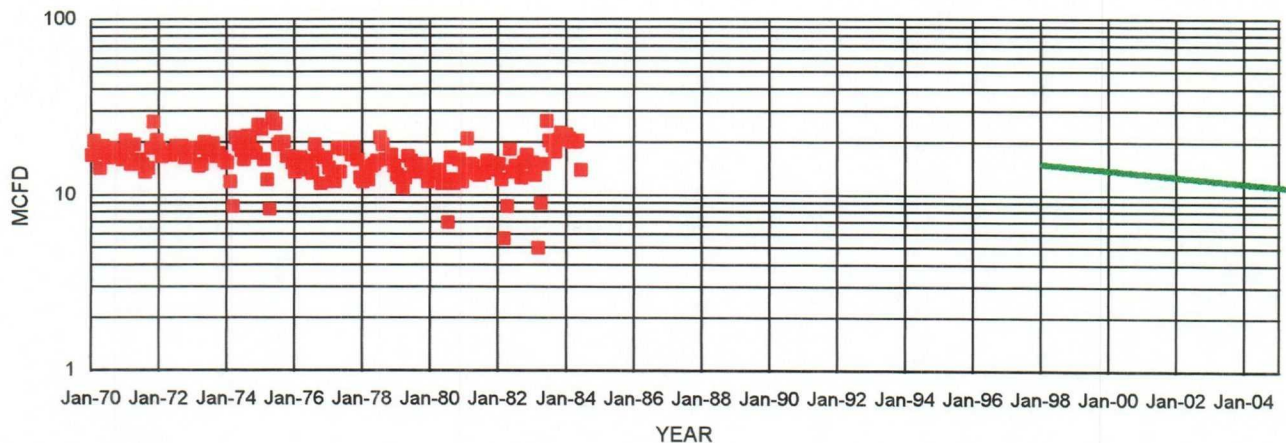
MESAVERDE HISTORICAL DATA: 1ST PROD: 07/65

OIL CUM:	6.40	MBO
GAS CUM:	2553.0	MMCF
OIL YIELD:	0.0025	BBL/MCF

MESAVERDE PROJECTED DATA

1/1/98 Qi:	100	MCFD
DECLINE RATE:	4.0%	(EXPONENTIAL)

**AXI APACHE K-4 PICTURED CLIFFS PRODUCTION
SECTION 3M-26N-05W, RIO ARRIBA COUNTY, NEW MEXICO**



PICT. CLIFFS HISTORICAL DATA: 1ST PROD: 08/65

OIL CUM:	0.2	MBO
GAS CUM:	138.8	MMCF
OIL YIELD:	0.001	BBL/MCF

PICTURED CLIFFS PROJECTED DATA

1/1/98 Qi:	15	MCFD
DECLINE RATE:	4.0%	(EXPONENTIAL)

FIXED COMMINGLE ALLOCATION FACTORS:

	GAS	OIL
MESAVERDE	87%	92%
PICT. CLIFFS	13%	8%

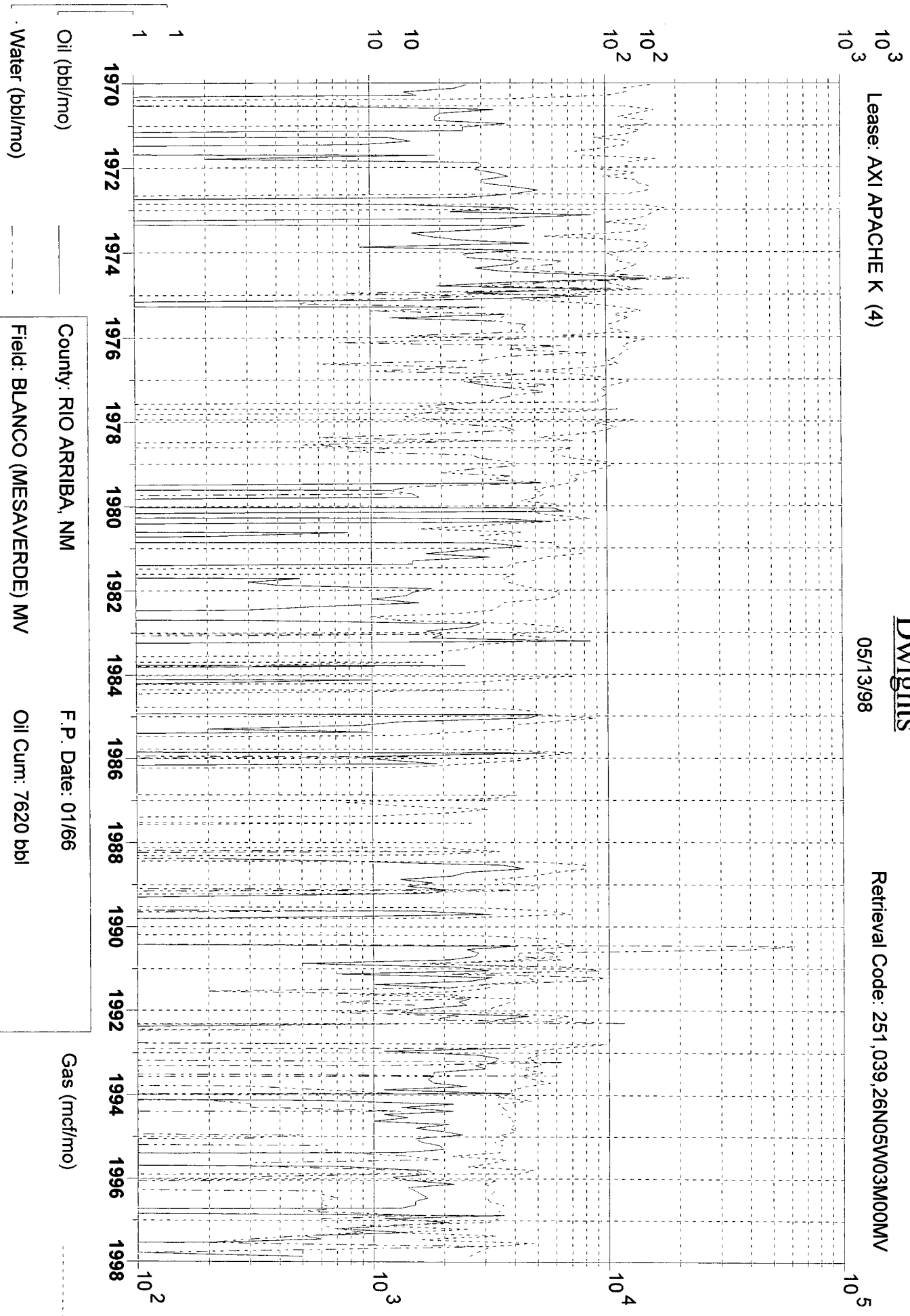
NOTE: ALL PRODUCTION DATA FROM DWIGHTS ENERGYDATA

Dwights

Lease: AXI APACHE K (4)

05/13/98

Retrieval Code: 251,039,26N05W03M00MV



County: RIO ARriba, NM

F.P. Date: 01/66

Field: BLANCO (MESAVERDE) MV

Oil Cum: 7620 bbl

Reservoir: MESAVERDE

Gas Cum: 2510 mmcf

Operator: CONOCO INC

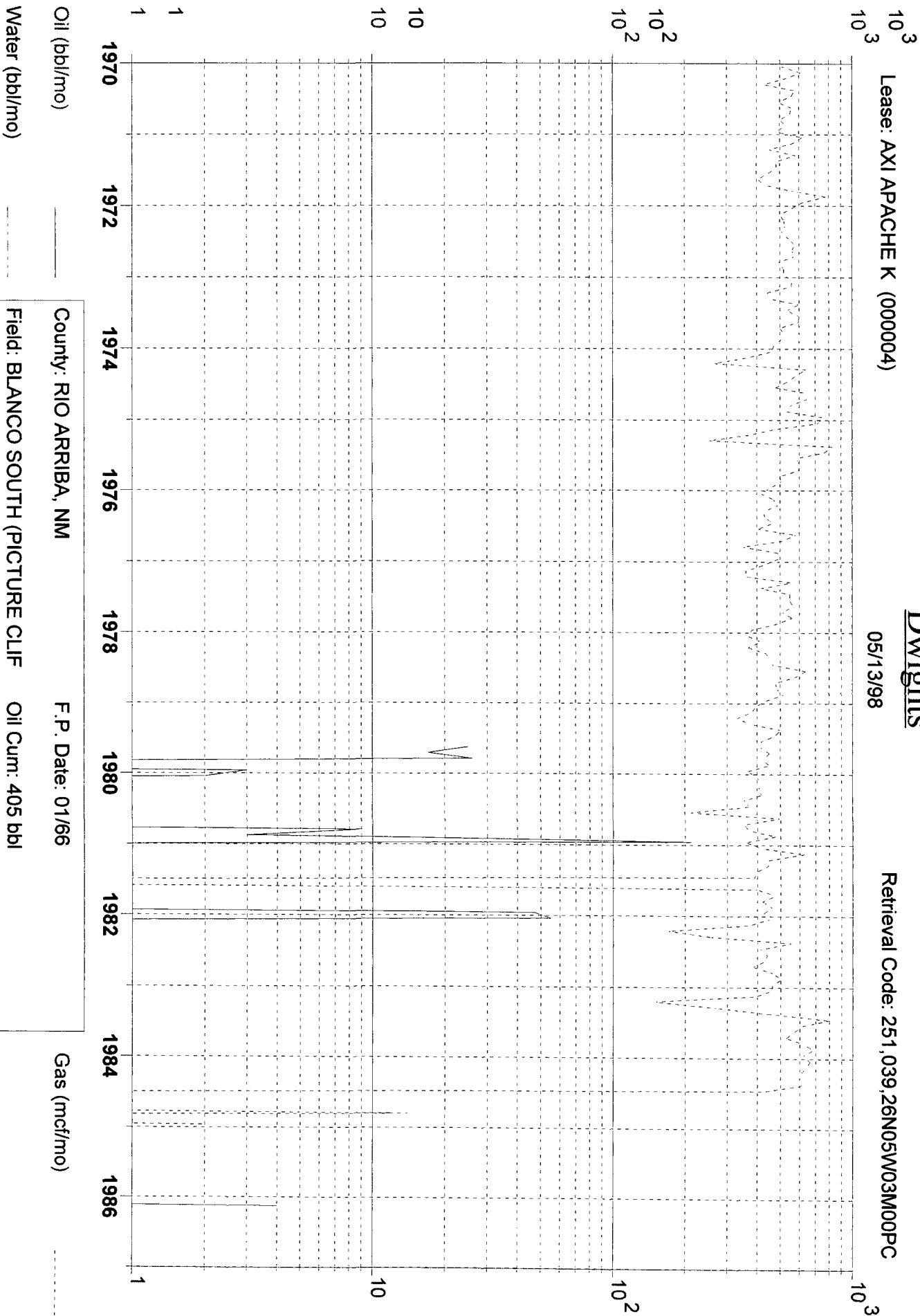
Location: 3M 26N 5W

Dwights

Lease: AXI APACHE K (000004)

05/13/98

Retrieval Code: 251,039,26N05W03M00PC



Oil (bbl/mo)

Water (bbl/mo)

County: RIO ARRIBA, NM

Field: BLANCO SOUTH (PICTURE CLIF

Reservoir: PICTURE CLIFFS

Operator: CONOCO INC

F.P. Date: 01/66

Oil Cum: 405 bbl

Gas Cum: 138.8 mmcf

Location: 3M 26N 5W

NE MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator Continental Oil Company			Lease AXI Apache "K"		Well No. 4
Unit Letter M	Section 3	Township 26N	Range 5W	County Rio Arriba	

Actual Footage Location of Well:

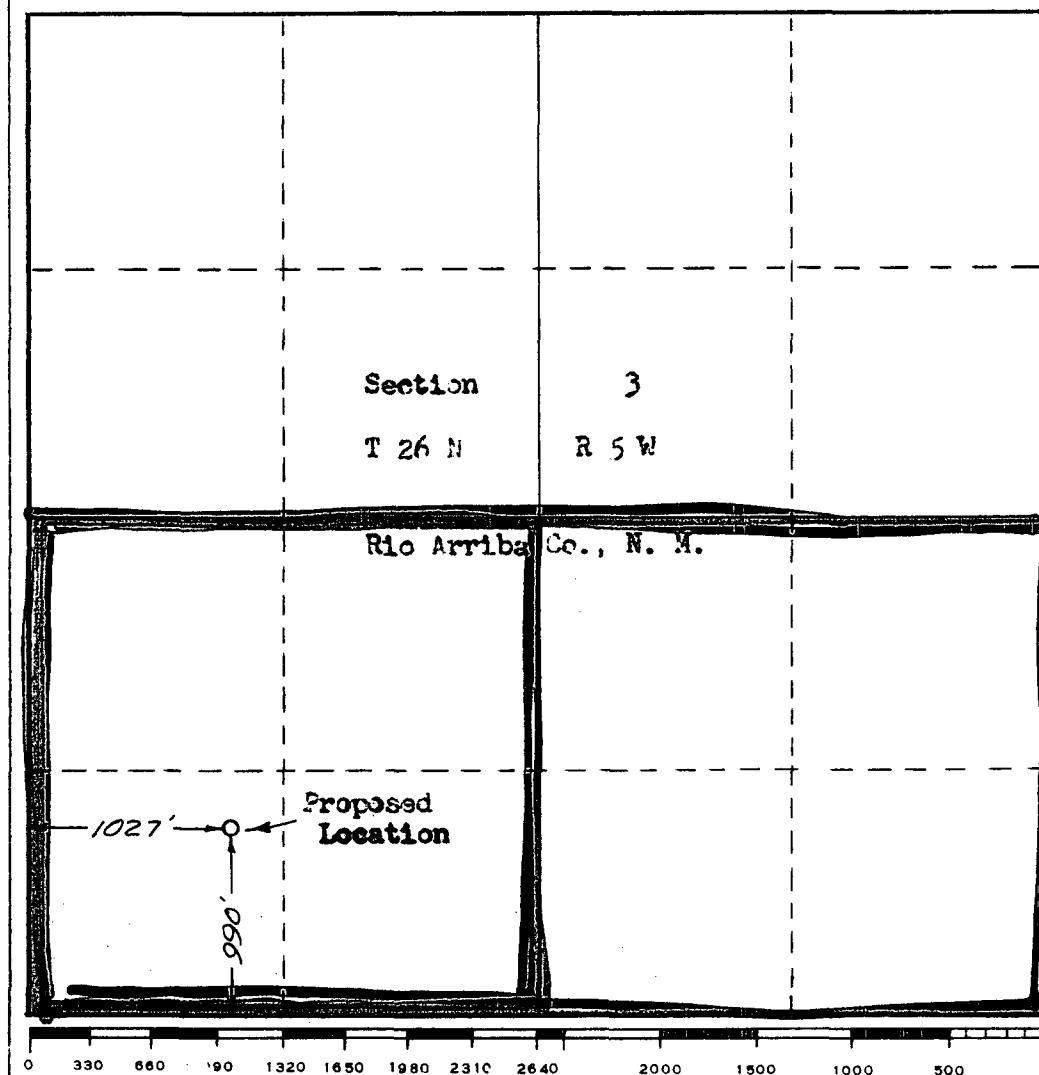
990 feet from the South line and		1027 feet from the West line	
Ground Level Elev. 7119'	Producing Formation Pictured Cliffs Mesaverde	Pool So. Blanco Pictured Cliffs Blanco Mesaverde	Dedicated Acreage: 160 - PC (Red) 320 - MV (Blue)

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 been 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 **ORIGINAL SIGNED BY:**
H. D. FALEY

Position
District Manager

Company
Continental Oil Company

Date
6-23-65

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

June 3, 1965
Registered Professional Engineer
and/or Land Surveyor

Ernest H. Reed

Certificate No.

N. M. # 3795

June 2, 1999

AXI Apache K #4
Section 3, T-26-N, R-5-W, M
API # 30-039-82254
Rio Arriba, NM

RE: Application to Downhole Commingle (C107A)

Notification of Offset Operators:

Burlington Resources
PO Box 4289
Farmington, NM 87499

Amoco
PO Box 800
Denver, CO 80201

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

AXI Apache K 4

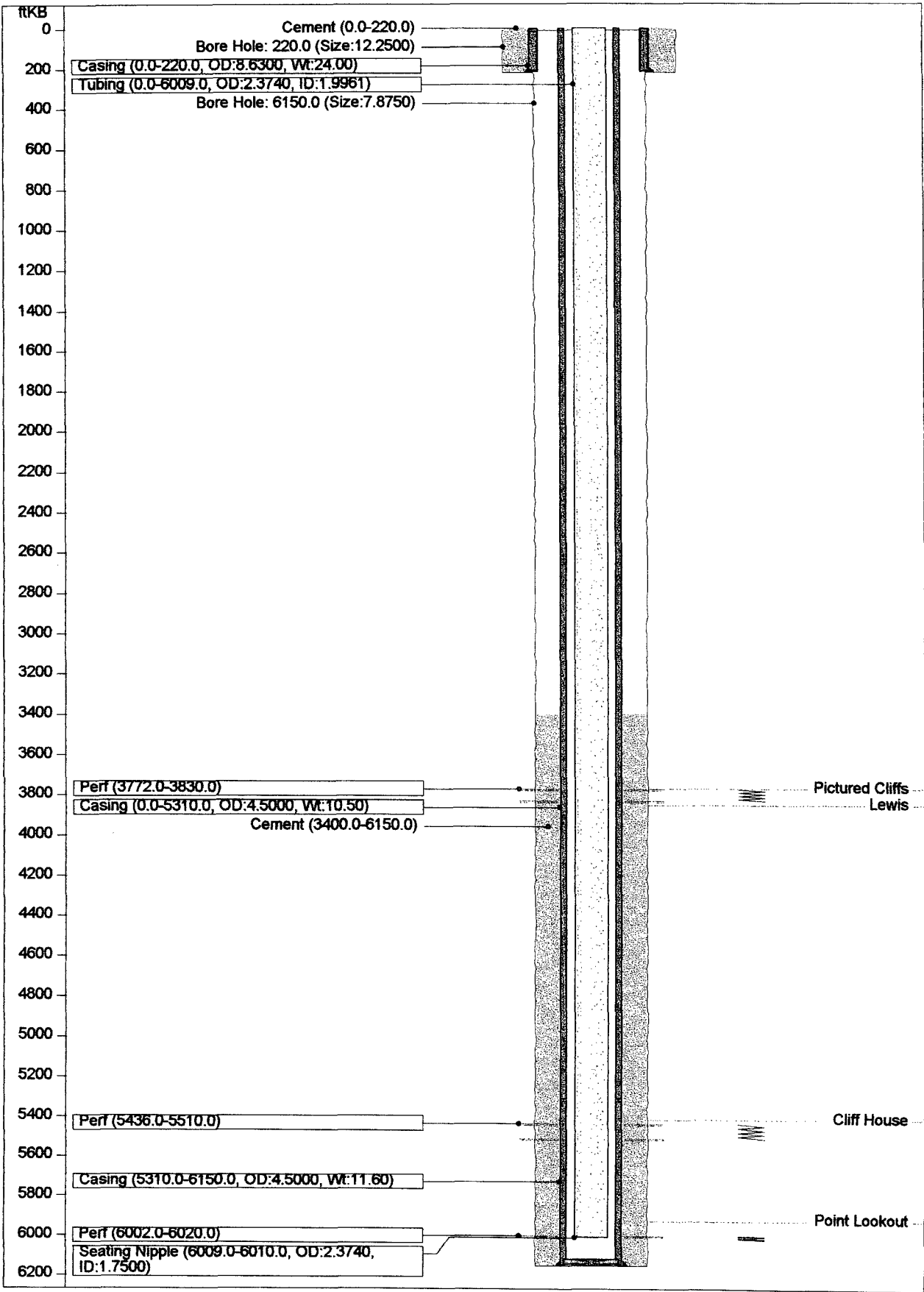
Economic/Rate Justification for Down Hole Commingling

Approval is requested to down hole commingle the existing zones in the subject well. The AXI Apache K 4 has 4 1/2" production casing. It is completed using a 2.375" tubing string for the Mesa Verde. The Picture Cliffs zone is open above a packer but is not currently capable of producing up the tubing casing annulus. Both zones have produced some liquids and produce well below the minimum critical rate required to unload liquids from the well bore. The current rates allow liquids to accumulate in the wellbore, thereby preventing maximum production from this well. A sliding sleeve assembly in the tubing string across from the Picture Cliffs zone prevents the use of plunger lift on the Mesa Verde zone. To optimize production it is recommended to pull the existing equipment from the well, and produce it using plunger lift in a single 2 3/8" tubing string. The expected production increase is estimated at 50 MCFD.

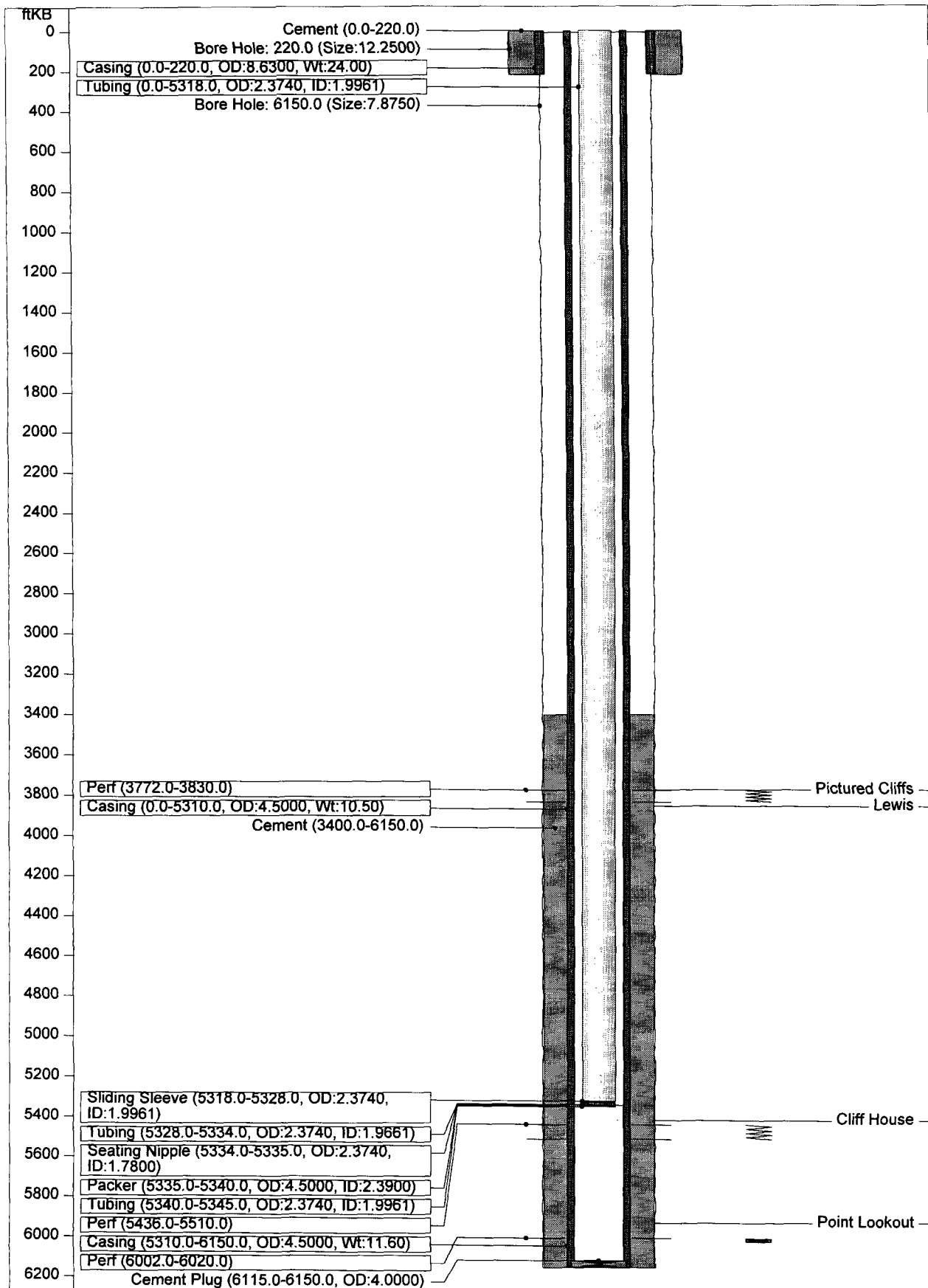
The use of a single tubing string with out a sliding sleeve and packer will allow plunger lift to remove liquid from the wellbore and maximize production from all commingled zones.

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.

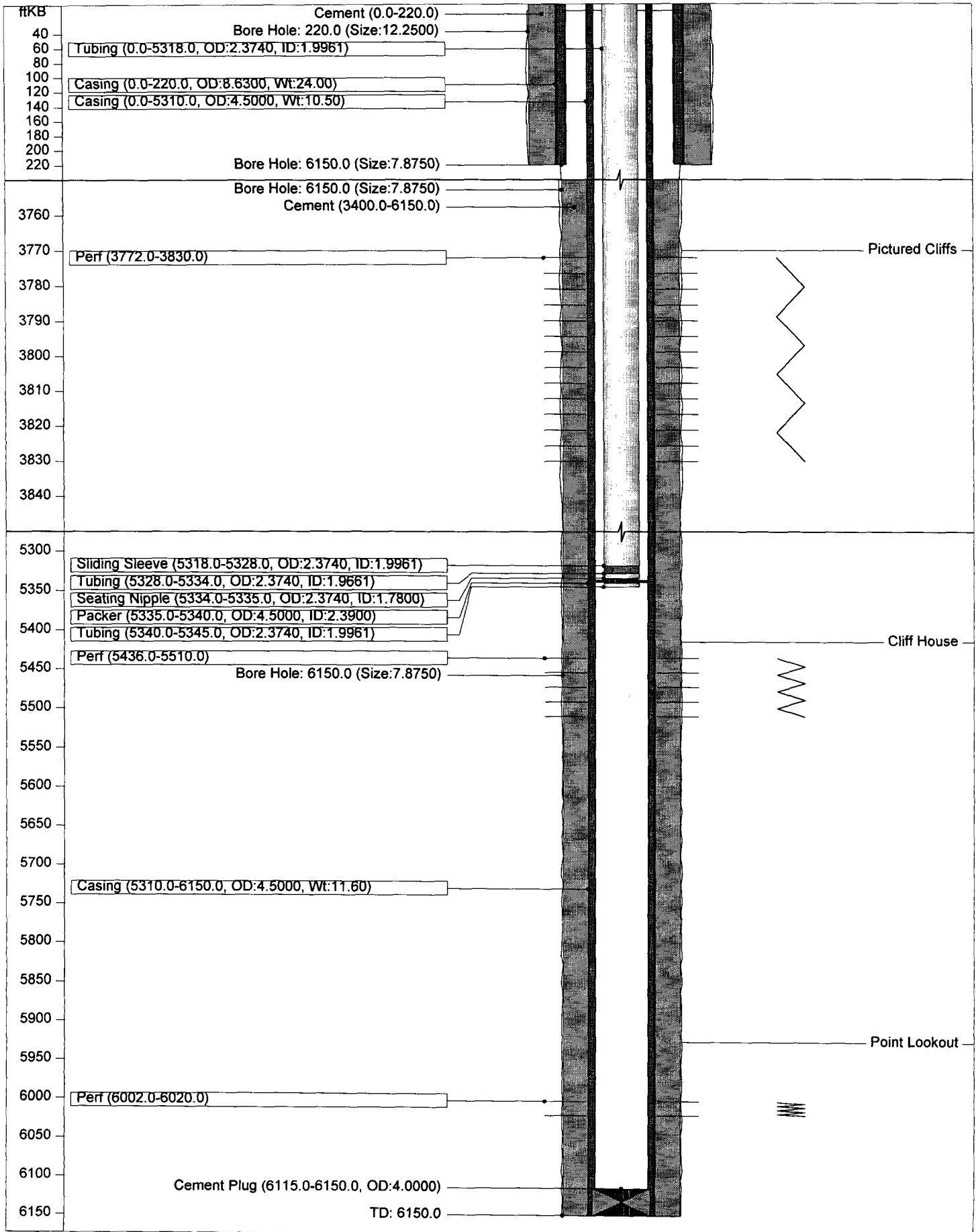
AXI APACHE K 4 (Post DHC)



AXI APACHE K 4 (LFW 9/12/92)



AXI APACHE K 4 (LFW 9/12/92)



AXI APACHE K 4 (LFW 9/12/92)

AXI APACHE K 4 (LFW 9/12/92)								
API Code	300398225400			Field Code	676398740			
TD	6150.0 ftKB			Basin	SAN JUAN BASIN			
PBTD	6115.0 ftKB			Basin Code	580			
State	New Mexico			Permit	01-Jul-65			
County	RIO ARRIBA			Spud	20-Jul-65			
District	San Juan O.U.			Finish Drl	30-Jul-65			
Permit No.				Completion	17-Aug-65			
TD Measured	6150 ftKB			Abandon				
Reservoir	Mesaverde/Pictured Cliffs							
Field	BLANCO MV/BLANCO SOUTH PC							
Location								
Meridian	NM			Top Latitude	36.51157			
Twnship	26N			Top Longitude	107.3513			
Range	5W			Top NS Distance	990.0 ft S			
Section	3			Top EW Distance	1027.0 ft W			
Quarter	SW SW			Bottom Latitude	0			
				Bottom Longitude	0			
				Btm NS Distance	0.0 ft			
				Btm EW Distance	0.0 ft			
Elevations								
KB	7128.0 ft			Cas Flng	0.0 ft			
Grd	7119.0 ft			Tub Head	0.0 ft			
KB-Grd	9.0 ft							
Bore Hole Data								
	Depth (ftKB)				Size (in)			
	220.0				12.2500			
	6150.0				7.8750			
Casing String - Surface Casing								
Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments	
8.6300 in Casing	220.0	6	8.1000	24.00	J-55	ST&C		
Casing String - Production Casing								
Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments	
4.5000 in Casing	5310.0	165	4.0500	10.50	J-55	ST&C		
4.5000 in Casing	6150.0	26	4.0000	11.60	N-80	ST&C		
Casing Cement								
Casing String	Top (ftKB)	Amount (sx)	Comments					
Surface Casing	0.0	150	Cement circ					
Production Casing	3400.0	350	TOC unknown. Est 3400'. DV @ 3950'. 1st stg: 250 sxs, 2nd stg: 100 sxs.					
Other (plugs, equip., etc.) - Plug Backs								
Date	Item	Int (ftKB)		Comments				
03-Aug-65	Cement Plug	6115.0 - 6150.0						
Perforations								
Date	Int	Shots (/ft)	Type	Comments				
05-Aug-65	5436.0 - 5510.0	1.0		@ 5436-44', 5463-68', 5472-76', 5490-5510'.				
05-Aug-65	6002.0 - 6020.0	2.0		@ 6002-08', 6010-20'.				
06-Aug-65	3772.0 - 3830.0	2.0		@ 3772-81', 3809-14', 3822-30'				
Stimulations & Treatments								
Date	Type	Zone	Int	Fluid	Comments			
05-Aug-65	Fracture	MV (CH)	5436.0 - 5510.0	Water	Frac w/ 44,600 G treated water + 20,000# 20/40 + 35,000# 10/20 sd. AIR= 45 bpm @ 2000#. ISIP 400# (dropped 20 BS during Frac job)			
05-Aug-65	Fracture	MV (PLO)	6002.0 - 6020.0	Water	Frac w/ 24,900 G treated water + 5,000# 20/40 + 20,000# 10/20 sd. AIR= 55 bpm @ 1600#. ISIP 200# (dropped 10 BS during Frac job)			
06-Aug-65	Fracture	Pictured Cliffs	3772.0 - 3830.0	Water	Frac w/ 24,870 G treated water + 15,000# 20/40 + 20,000# 10/20 sd. AIR= 55 bpm @ 1600#. ISIP 200#.			
Tubing String - Primary Tubing								
Item (in)	Top (ftKB)	Len (ft)	Jnts	ID (in)	Wt	Grd	Thd	Comments
2.3740 in Tubing	0.0	5318.0	170	1.9961	4.70	J-55	8rd EUE	
2.3740 in Sliding Sleeve	5318.0	10.0		1.9961	4.70	J-55	8rd EUE	
2.3740 in Tubing	5328.0	6.0		1.9661	4.70	J-55	8rd EUE	6" Sub
2.3740 in Seating Nipple	5334.0	1.0		1.7800	0.00			
4.5000 in Packer	5335.0	5.0		2.3900	0.00			Baker Model "D" packer.
2.3740 in Tubing	5340.0	5.0		1.9961	0.00	J-55	8rd EUE	5' Prod Tbg. Landed @ 5345'
Formation/Horizon Tops								
Top (ftKB)	Formation							
3770.0	Pictured Cliffs							
3850.0	Lewis							

AXI APACHE K 4 (LFW 9/12/92)

Formation/Horizon Tops (con't)				
Top (ftKB)		Formation		
5415.0		Cliff House		
5926.0		Point Lookout		
Logs Run				
Date	Type	Int	Company	Comments
30-Jul-65	IND	200.0 - 6146.0	Lane Wells	
05-Aug-65	GR-C	3300.0 - 6146.0	Lane Wells	
General Notes				
Date	Note			
17-Aug-65	Initial Potential: F 818 MCFGPD on 3/4 in ck, CP 67; F 3265 MCFGPD on 3/4 in ck, TP 260			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See cover in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *				RECEIVED DURANGO PROD SEP 24 1965 OFFICE MGR		5. LEASE DESIGNATION AND SERIAL NO. 151	
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/>				8. FARM OR LEASE NAME AXI Apache "K"		9. WELL NO. 4	
2. NAME OF OPERATOR Continental Oil Company				10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 3, T26N, R5W-NMPM	
3. ADDRESS OF OPERATOR P. O. Box 1621, Durango, Colorado				12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FSL, 1027' FWL At top prod. interval reported below At total depth				14. PERMIT NO. DATE ISSUED		15. DATE SPUDDED 7-20-65	
16. DATE T.D. REACHED 7-30-65		17. DATE COMPL. (Ready to prod.) 8-17-65		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7119' GR, 7128' DF		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6150'		21. PLUG, BACK T.D., MD & TVD 6115'		22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY ROTARY TOOLS 0-6150'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6002'-08' Point Lookout 5436'-5510' Cliff House						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-Correlation						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		24#		220'		12 1/4"	
4 1/2"		11.6# & 10.5#		6150'		7 7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number)							
6010-20', 6002-08' 2 - 3/8" jets/foot 5436-44', 5463-68', 5472-76', 5490-5510' 42 holes - 3/8" jets							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
6002-08'				25,000# sd, 24,900 gals water & 150# "ADOMITE AQUA" additive			
5436-5510'				55,000# sd, 44,600 gals water & 500# "ADOMITE AQUA" additive			
33. PRODUCTION							
DATE FIRST PRODUCTION 8-16-65		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI-Awaiting Connection	
DATE OF TEST 8-17-65		HOURS TESTED 1		CHOKER SIZE 3/4"		PROD'N. KOR TEST PERIOD OIL—BBL. 136 GAS—MCF. 3265 WATER—BBL. OIL-GRAVITY-API (CORR.)	
FLOW. TUBING PRESS. 230#		CASING PRESSURE		CALCULATED 24-HOUR RATE			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold-Southern Union Gas Company							
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 Donald E. Smith TITLE Assistant District Manager DATE 9-24-65* (See instructions and spaces for Additional Data on Reverse Side)
CONFIDENTIAL
UNITED STATES DISTRICT COURT
THE DISTRICT
NEW MEXICO

USGS(2) NMDC(2) DRB JRH Humble

0220107

UNITED STATES

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.5.DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other instructions on
reverse side)

RECEIVED

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. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1621, Durango, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

990' FSL, 1027' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

7-20-65

16. DATE T.D. REACHED

7-30-65

17. DATE COMPL. (Ready to prod.)

8-17-65

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*

7119' GR, 7128' DF

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6150'

21. PLUG, BACK T.D., MD & TVD

6115'

22. IF MULTIPLE COMPL.,
HOW MANY*

2

23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-6150'

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

3772'-3830' Pictured Cliffs

25. WAS DIRECTIONAL
SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, GR-Correlation

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
8 5/8"	24#	220'	12 1/4"	150 sacks cement	none
4 1/2"	11.6# & 10.5#	6150'	7 7/8"	350 sacks cement	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
		5340'

31. PERFORATION RECORD (Interval, size and number)

2 3822-30', 3809-14', 3772-81'
2 dynajets/foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3772-3830'	35,000# sd, 24,870 gals. water & 200# "ADOMITE AQUA" additive.

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-16-65		Flowing				SI-Awaiting Connection	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-17-65	1	3/4"	→		34		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	67#	→		818			

34. DISPOSITION OF GAS. (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

Sold Southern Union Gas Company

J. M. Galovich

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

Ben W. Smith

TITLE

Assistant

District Manager

DATE

9-24-65

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

USGS(2) NMOCC(2) DRB JRH Humble HDH

CONFIDENTIAL SUBJECT TO PROTECTIVE ORDER OF THE
UNITED STATES DISTRICT COURT

0220108