DATE IN	3/00	SUSPENSE	24/0	200	ENGINEËR	DC	LOGGED	KV	TYPE	DHC
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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
[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]
TYPE OF APPLICATION - Check Those Which Apply for [A] [A] Location - Spacing Unit - Directional Drilling NSL NSP DD SD 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] X 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
hereby certify that I, or personnel under my supervision, have read and complied with all applicable Regulations of the Oil Conservation Division. Further, I assert that the attached application for admir approval is accurate and complete to the best of my knowledge and where applicable, verify that all in

Rules and nistrative iterest (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

the application packa	ge returned with no action taken.		
	Note: Statement must be completed by an ind	ividual with supervisory capacity.	
Peggy Cole	Deggy (plo	Regulatory/Compliance Administrator	
Print or Type Name	Signature	Title	Date

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
811 South First St., Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410
DISTRICT IV
2040 S. Pacheco, Santa Fe, NM 87505

Burlington Resources Oil and Gas

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 Revised August 1999 APPROVAL PROCESS:

_x_Administrative ___Hearing

EXISTING WELLBORE _X_YES ____NO

APPLICATION FOR DOWNHOLE COMMINGLING

PO Box 4289, Farmington, NM 87499

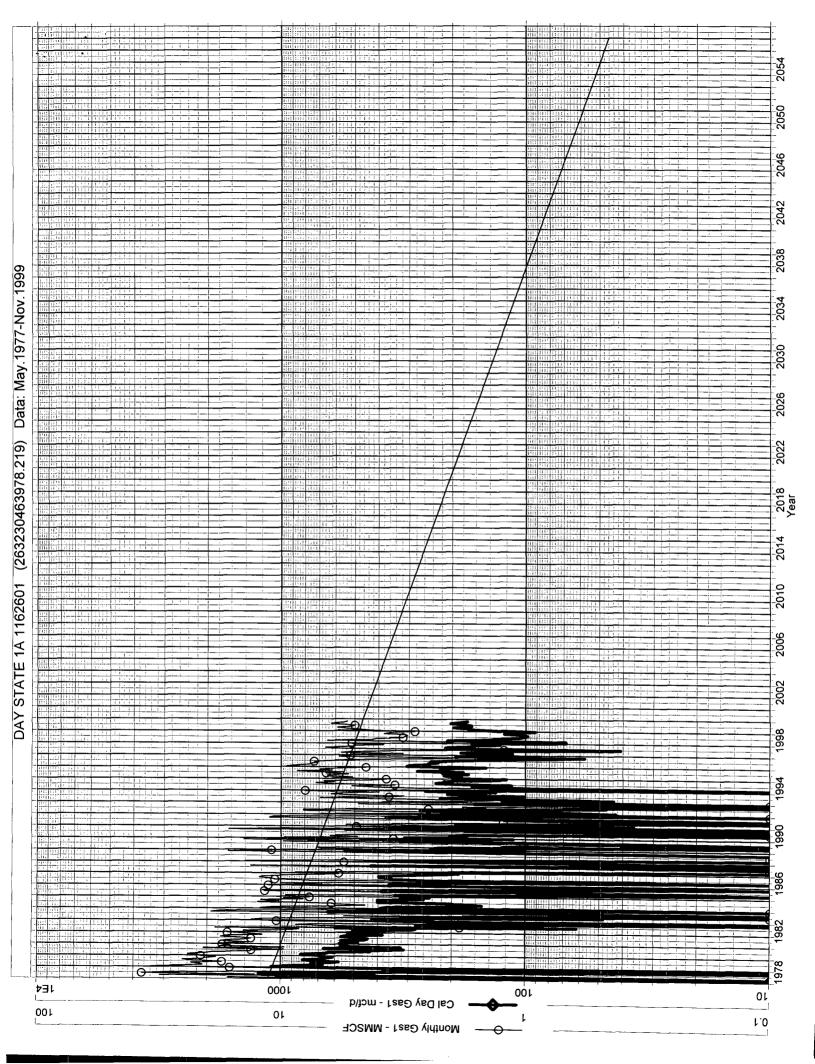
Use 10 In 16	Operator Day Sta	ite		1A	Addre A-3	2-32N-11W		San	Juan	
1. Popl Dame and Planco Messaverde- 72319 2. Top and Bottom of Production (Cili or Gas) 3. Type of production (Cili or Gas) 4. Method of Production (Cili or Gas) 4. Method of Production (Cili or Gas) 5. Bottomhole Pressure 70 Zones - Antiforial Lift) 6. Bottomhole Pressure 70 Zones - Antiforial Lift) 7. Bottomhole Pressure 8. (Corrent) 191 pot (see attachment) 8. Bottomhole Pressure 9. (Corrent) 191 pot (see attachment) 9. Corrent) 9. (Corrent) 192 pot (see attachment) 9. (Corrent) 193 pot (see attachment) 9. (Corrent)	Lease OGRID NO	14538	_ Property Code			, -	-	ng Unit Lease	Types: (check 1 or more)	
Prys Section (Perforations) 3. Type of production (Color Case) 4. Method of Production (Color Case) 5. Bottomote Pressure Coliz Conses - Artificial Lift) Color Case Standard Current Case & Oal - Flowing (Perforations) Colid Conses - Artificial Lift) Colid Conses - Artificial Lift Case & Colid Consessor Case & Colid	The followin support of d	g facts are ownhole c		H		Intermedia Zone	al c		i	
(Citor Gas) 4. Method of Production (Flowing or Artificial Lift) 5. Bottomhole Pressure Oil Zones - Artificial Lift Oil Zones - Artificial L	.2. Top and Pay Se	Bottom of ection (Pe	erforations)	3132-3191				4695-567	79	
(Flowing or Artificial Lift) 5. Bottomino Fersusus Oil Zones - Artificial Lift Gas & Oil - Flow Mileasured Current All Gas Zones - Commendate Current All Gas Zones - Con	3. Type of p	oroduction Gas)		Gas				Gas		
Oil Zones - Artificial Lift: Gas & Oil - Flow Illigeas zones: Battanated Current All cess Zones: Battanated Current Battanated Current Battanated Cordinal Battanated Created Original BTU 1181 BTU 1181 BTU 1195 BTU 1195 BTU 1195 BTU 1195 BTU 1195 BTU 1195 BTU 1196 BTU 1196 Production Marginal? (yes or no) Wes Production Wes Production Marginal? (yes or no) Wes Production Wes Production be received and will wes Production be received and wes Production be received and wes Production be received and yes Wes No Wes	4. Method of (Flowing	of Producting or Artific	on ial Lift)	Flowing				Flowing		
Gas & Oil - Flow/Measured Current All Gas 2 Jones Committee Committee Current All Gas 2 Jones Committee Committee Current All Gas 2 Jones Committee Committee Current All Gas 2 Jones Committee Current Committee Committee Current Committee	Oil Zones -	Artificial Li	ift:	a. (Current) 191 psi (s	see attachment)	a.		a. ^{319 psi}	^{(see} attachment)	
Cas BTU Content 7. Producing or Shut-in? Producing No Data Rates: Rates:	Gas & Oil - All Gas Zon	Estir Flowing: Mea les:	nated Current sured Current	b. (Original) 1026 psi (^{see} attachment)	b.		b. ^{856 psi}	^{(see} attachment)	
Production Marginal? (yes or no) If Shut-In, give date and oil/gas/ water rates of last production history, water rates of last production history water rates of last production becomes with no production history water rates of last production in the production production history water rates of last production give dateandoil/gas/ water rates of last production or clean test (within 60 days) 8. Fixed Percentage 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 been notified by certified mail? 11. Will cross-flow occur? X 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. X yes No (If No, attach explanation) 12. Are all produced fluids from all commingled zones compatible with each other? X yes No (If No, 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. X yes No 15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). 16. ATTACHMENTS: 17. Or each zone to be commingled showing its spacing unit and acreage dedication. 18. Production curve for each zone for at least one year, (If not available, attach explanation.) 19. Production is tof working, overriding, and royally interests for uncommon interest cases. 20. Any additional statements, data, or documents required to support commingling. 11. Hereby certify that the information above is	6. Oil Gravi Gas B	ty (EAPI) (TU Conten	or t	BTU 1181				BTU 119	5	
Production Marginal? (yes or no) * If Shut-In, give date and oiligas/ water rates of last production * Note: For new zones with no production history, water rates of last production * To rew zones with no production history, water rates of recent test (within 60 days) * If Producing, give dateandoil/gas/ water rates of recent test (within 60 days) * Fired Percentage Allocation Formula -% for each zone Formula -% for	7. Producin	g or Shut-	In?	Producing				Producin	9	
### Date: Part Part				Yes				No		
* If Producting, give dateandoil/gas/ water rates of recent test (within 60 days) 8. Fixed Percentage Allocation Formula: Will be supplied upon completion. * Will be supplied upon completion. * Will be supplied upon completion. Will be supplied upon completion. * Yes _ No If allocation formula is based upon some other method, submit attachments with saved and providing rate projections or other required data. 10. Are all working, overriding, and royalty interests been notified by certified mail? * Yes _ No (If No, attach explanation) 11. Will cross-flow occur? * Yes _ No (If Yes, attach explanation) 12. Are all produced fluids from all commingled zones compatible with each other? * X 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. * X 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. * For zones with no production history, estimated production rates and supporting data. * Notification list of working, overriding,	* If Shut-In, water rates	give date of last prod	and oil/gas/ duction			ii .				
8. Fixed Petcentrage Allocation Formula % for each zone (total of % sto equal 100%) 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? If not, have all working, overriding, and royalty interests been notified by certified mail? X Yes _No If not, have all working, overriding, and royalty interests been notified by certified mail? X Yes _No 11. Will cross-flow occur? _X_YesNo	* If Produci water rates	ng, give da of recent to	ateandoil/gas/	1		I :				
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? If not, have all working, overriding, and royalty interests been notified by certified mail? YesNo If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliableX_ YesNo (If No, attach explanation) 12. Are all produced fluids from all commingled zones compatible with each other?	8. Fixed Pe Formul (total o	rcentage A la -% for ea of %'s to eq	Allocation ach zone jual 100%)	Will be supplied upon o	completion.			Will be sup	plied upon completion.	
11. Will cross-flow occur? _X_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 reliableX_Yes No _(If No, attach explanation) 12. Are all produced fluids from all commingled zones compatible with each other?	9. If alloca attachr	ation forn ments wi	nula is based up th supporting d	oon something ot ata and/or expla	ner than curren	t or past production, and providing rate p	or is based up	pon som	ne other method, submit quired data.	
11. Will cross-flow occur? _X_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 reliableX_Yes No _(If No, attach explanation) 12. Are all produced fluids from all commingled zones compatible with each other?	10. Are all y	working, nave all v	overriding, and working, overrid	d royalty interests ding, and royalty	s identical in al interests been	l commingled zones notified by certified	s? I mail?	X Ye	es _ No es No	
13. Will the value of production be decreased by commingling?Yes _X_ 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 applicationX_YesNo 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 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	11. Will cro	ss-flow (occur? _X_ Y	es No If	yes, are fluids	compatible, will the	formations n	ot∣be da	maged, will any cross-	
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 applicationX_YesNo 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 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	12. Are all	produced	d fluids from all	commingled zor	nes compatible	with each other?	XYes	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 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							•	1	•	
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 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 * DATE 12-29-99								4		
* 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 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	15. NMOCI	D Refere	ence Cases for	Rule 303(D) Exc	eptions: (ORDER NO(S)				
SIGNATURE J. J. DALMONTITLE_PRODUCTIONENGINEERDATE12-29-99	16. ATTAC	* C-10: * Prodi * For z * Data	2 for each zone uction curve for ones with no pure to support allow	e to be commingly each zone for a roduction history cation method or orking, overriding ments, data, or d	ed showing its t least one yea , estimated pro formula. , and royalty in locuments req	spacing unit and a ar. (If not available, oduction rates and s nterests for uncomn uired to support con	creage dedica attach explar supporting dat non interest ca mmingling.	ation. nation.) a. ases.		
	I hereby ce	rtify that	the information	above is true ar	nd complete to	the best of my know	wledge and b	elief.		
TYPE OR PRINT NAMEJennifer DobsonTELEPHONE NO.(_505_)326-9700	SIGNATUR	RE <u>J.</u>	J. Dar	dortit	LE_PRODUCT	TONENGINEER		: ¦DATE	<u> </u>	
	TYPE OR F	PRINT N	AME	_Jennifer Dobsor	1		FELEPHONE	NO.(_5	505_)326-9700	

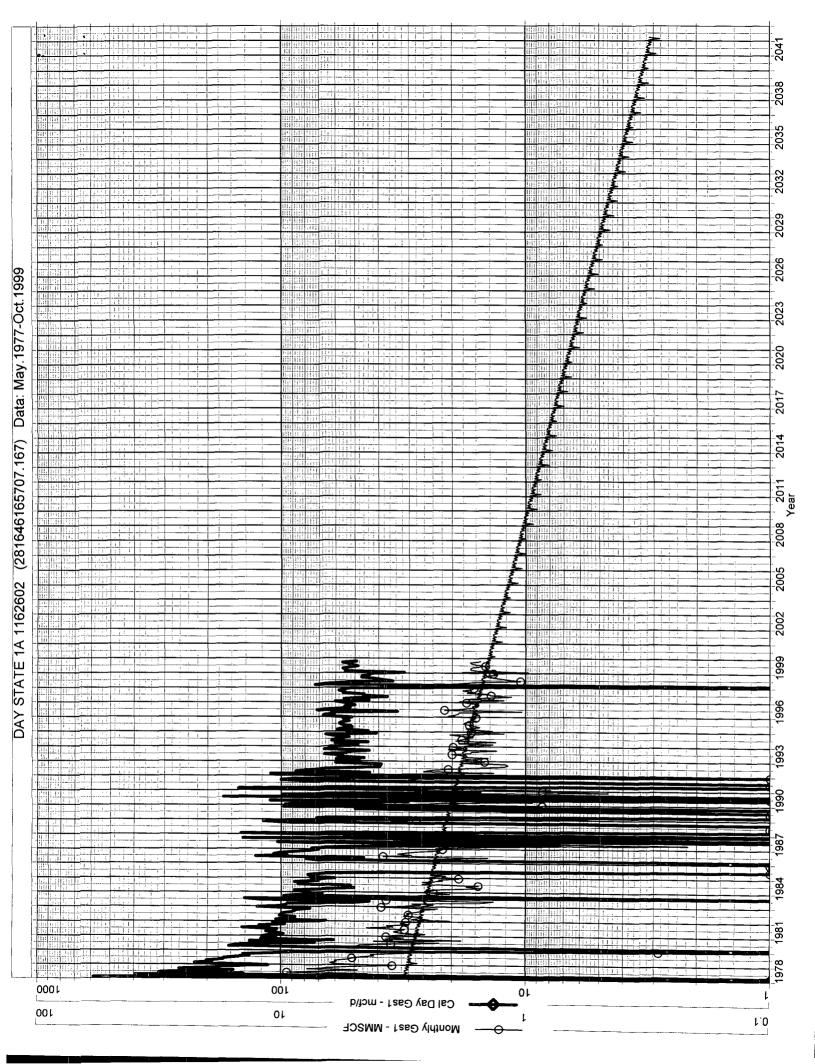
Form C-102 Supersedes C-128 Effective 1-1-65

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

Operator Aztec Oil	& G	as Company			Lease Da	y-Sta	te	···	-	Well No.
Unit Letter A	Secti	°n 32	Township	32N		nge 11W		County Sar	ı Juan	·
Actual Footage Loc 920		of Well; from the Nor	th	line and	102	0	feet	from the	East	line
Ground Level Elev.		Producing For		fs	Pool	Bla	nco			Dedicated Acreage: 160 Acres
1. Outline th	e acı	eage dedica	tod to the	subject w	ell by c	olored	encil or	hachure	marks on th	e plat below.
interest a	nd roy	yalty).								nereof (both as to working all owners been consoli-
dated by o	ommı	ınitization, u	nitization,	force-pooli	ing. etc	?				all owners been consons
Yes				yes," type o						
If answer this form i		_	owners and	d tract desc	riptions	s which	have ac	tually be	een consolid	ated. (Use reverse side of
		_							•	amunitization, unitization, approved by the Commis-
		i							-	CERTIFICATION
		1				9201	1020	•	tained he	certify that the information con- trein is true and complete to the ty knowledge and belief.
		+				 - 			None / W Position	itis C. Jarsons
		1				 			Distri Company	ct Engineer
		1		er en dem profession de la constanta de la con		1			Date	Oil & Gas Company
		<u> </u>	Sec	32		 ===			July 2	6, 1977
				<i>)</i>					shown on notes of under my is true o	certify that the well location this plat was plotted from field actual surveys made by me or supervision, and that the same and correct is the best of my are and belief.
		+				-	<u> </u>		Date Survey	Control of the second of the s
		 							and/or Lan	B. Kerr Jr.
0 330 660	90	1320 1650 198	0 2310 26	40 200					Certificate	No.

		All distances mus		he outer boundaries	or the Section		Wall tra
14	& Gas Company		Lea	Day-State			Well No.
Unit Letter	Section 32	Township 32N		Range	County San	Juan	
Actual Footage Loc 920		North line	and	LO20	leet from the	East	line
Ground Level Elev: 6453	Producing Form	mation	Poo	1	inco		Dedicated Acreage: 320 Acres
	e acreage dedica	ted to the subject	t well h			marks on the	
interest ar	nd royalty).						ereof (both as to working
	ommunitization, u	mitization, force-	pooling.	etc?		interests of	all owners been consoli-
Yes	No If an	iswer is "yes," ty	pe of co	nsolidation			
this form i No allowat	f necessary.)	ed to the well unt	il all int	erests have been	n consolida	ted (by com	nunitization, unitization, approved by the Commis-
					1		CERTIFICATION
And the second s	1			9201	10201	tained her	ertify that the information con- tein is true and complete to the knowledge and belief.
	+ ⊙ ¦		·			Name Position	San Lyan Let Production Manag
AT THE PROPERTY OF THE PROPERT	1			 		Company Aztec Date	Oil & Gas Company
-		Sec 20				Vanua	9 12, 1377
		32				shown on nates of a under my is true a	certify that the well location this plat was plotted from field actual surveys made by me or supervision, and that the same and correct to the best of my eand belief.
				DAT TO THE COMMENT OF		Date Surveyor December Registered Fond or Land	oer 23, 1976 Protessiona, Engliser
	1 222 42	*****	Elin Gen X I			Certificate N	L. Kerr Jr.
0 330 660 '	90 1320 1650 148	9 2310 2640	200⊍	1500 100	500 0	3950	





Day State #1A Bottom Hole Pressures Flowing and Static BHP Cullender and Smith Method

Version 1.0 1/14/98

Mesaverde	Pictured Cliffs
MV-Current	PC-Current
GAS GRAVITY COND. OR MISC. (C/M) %N2 %CO2 1.16 %H2S DIAMETER (IN) DEPTH (FT) SURFACE TEMPERATURE (DEG F) BOTTOMHOLE TEMPERATURE (DEG F) FLOWRATE (MCFPD) SURFACE PRESSURE (PSIA) BOTTOMHOLE PRESSURE (PSIA) 318.8	GAS GRAVITY 0.675 COND. OR MISC. (C/M) M %N2 0.30 %CO2 0.62 %H2S 0 DIAMETER (IN) 7 DEPTH (FT) 3162 SURFACE TEMPERATURE (DEG F) 60 BOTTOMHOLE TEMPERATURE (DEG F) 130 FLOWRATE (MCFPD) 0 SURFACE PRESSURE (PSIA) 177 BOTTOMHOLE PRESSURE (PSIA) 190.7
MV-Original	PC-Original
GAS GRAVITY 0.693 COND. OR MISC. (C/M) M %N2 0.32 %CO2 1.16 %H2S 0 DIAMETER (IN) 2.375 DEPTH (FT) 5187 SURFACE TEMPERATURE (DEG F) 60 BOTTOMHOLE TEMPERATURE (DEG F) 175 FLOWRATE (MCFPD) 0 SURFACE PRESSURE (PSIA) 750 BOTTOMHOLE PRESSURE (PSIA) 856.0	GAS GRAVITY COND. OR MISC. (C/M) %N2

AIN	METER	WELLNAME	#	FRM	MONTH	PROD	3 MON AVG	Year	Month	Day	WH Pressure	Cum Prod		
1162601	34527	DAY STATE	1A	ΜV	31-Jan-99	4074		1977	5	10	738		original	
					28-Feb-99	4703		1977	6	30	681			
					31-Mar-99	5393		1977	7	31	608			
* · · · · · · · · · · · · · · · · · · ·					30-Apr-99	5914		1977	8	31	593			
0 **CADADAGGAGGAG *** *** *** ****		3.7.7.7.			31-May-99	5161		1977	9	30	533			
					30-Jun-99	5012		1977	10	31	450			
					31-Jul-99	5604		1977	11	30	508			
	***************************************				31-Aug-99	6282		1978	7	26	681			
					30-Sep-99	5547		1979	6	17	608			
					31-Oct-99	5355	188	1980	4	8	593			
				1				1982	4	7	533			
namendadana"	i			3				1984	6	26	450			
98880800800 FV 4 3 1 - 1 - 1 1 FV				***************************************				1986	6	10	508			
		***						1989	11	28	445			-
								1991	6	3	425			
***				*************		***********		1991	10	21	413			
Bernellan (1999)	<u></u>			<u> </u>				1993	6	29	362			
	1			- Comment							270	1936.68	current estimate from	P/Z data
1162602	34547	DAY STATE	1A	PC	31-Jan-99	974		1977	5	10	930		original	
		***************************************		•	28-Feb-99	1535		1978	3	5	758			
				1	31-Mar-99	1675		1979	6	1	572	7-4		
		<u> </u>			30-Apr-99	1683		1980	4	8	593			
to a his respective people on characters					31-May-99	1646		1982	4	7	533			
		·			30-Jun-99	1461		1984	6	26	543			
		***************************************			31-Jul-99	1579					165	560.087	current estimate from	P/Z data
	1			1	31-Aug-99	1657								
o oververence ver	***************************************	1 1 11 11 11 11 11 11 11 11 11 11 11 11	un deservice.	-	30-Sep-99	1688								
·				·	31-Oct-99	1528	53							

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