	8/25/00	SUSPENSE 9/14/00	ENGINEER DC		N	THE DHC
	(/		ABOVE THIS LINE FOR DIVISION US	SE ONLY		24/29945
		NEW MEXIC	CO OIL CONSERV - Engineering Bure		ISION	
		ADMINISTRA	TIVE APPLICA	TION COV	/ERSHE	ET
	THIS COVERSHE	ET IS MANDATORY FOR ALL AD	MINISTRATIVE APPLICATIONS	FOR EXCEPTIONS TO	DIVISION RULES	
pplic	PC-Pe	[NSP-Non-Standard [DD-Direction whole Commingling] ool Commingling] [O [WFX-Waterflood Exp	LS - Off-Lease Storag ansion] [PMX-Press Disposal] [IPI-Injed	ultaneous Dedi gling] [PLC-J je] [OLM-Off- sure Maintenan ction Pressure	cation] Pool/Lease (Lease Meas ce Expansio Increase]	Commingling] urement] on]
11	•	APPLICATION - Ch			re Productio	in Responsej
1]	[A]		g Unit - Directional I DD SD		AUG 2	5 2000
	Chec [B]	k One Only for [B] a Commingling - St CDHC CTB	nd [C] orage - Measuremen PLC PC	t olls oll		
	[C]	Injection - Dispos WFX PMX	al - Pressure Increase SWD IPI	e - Enhanced C EOR PPI		У
[2]		TION REQUIRED Working, Royalty				Not Apply
	[B]	Offset Operators,	Leaseholders or Sur	face Owner		
	[C]	Application is Or	ne Which Requires P	ublished Lega	l Notice	
	[D]	Notification and/ U.S. Bureau of Land	or Concurrent Appro	oval by BLM c of Public Lands, State	or SLO Land Office	
	[E]	For all of the abo	ve, Proof of Notifica	tion or Public	ation is Att	ached, and/or,
	[F]	Waivers are Atta	ched			

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.

Signature

Regulatory/Compliance Administrator

Print or Type Name

Peggy Cole

ļ

Title

District I

1625 N. French Drive bbs, NM 88240 District II 811 South First Street sia. NM 88210

District III ec, NM 87410 1000 Rio Brazos Roa

2040 South Pacheco, Santa Fe, NM 87505

District IV

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised May 15, 2000

OIL CONSERVATION DIVISION

2040 South Pacheco Santa Fe, New Mexico 87505

APPLICATION FOR DOWNHOLE COMMINGLING

APPLICATION TYPE _X_ Single Well Establish Pre-Approved Pools EXISTING WELLBORE _X_Yes ___No

Burlington Resources Oil and Operator	Gas 3401 East 3	0 th Street, Farmington, New Mexico Address	
San Juan 28-5	75	G – 17 – 28N – 5W Rio	Arriba County, New Mexico
Lease		Letter-Section-Township-Range	County
OGRID No14538_ Property	Code7460 API No	30-039-20108 Lease Type:	X_FederalStateFee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Munoz Canyon Galluj	p	Basin Dakota
Pool Code	96767		71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6376-7500'		7734-7928'
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	Current 608 Original 2009		Current – 1193 Original – 2991
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1149		1177
Producing, Shut-In or New Zone	Producing		Shut-in
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, condicate abal he required to attach and variant	Date: June 30, 2000	Date:	Date: February 8, 2000

Rates: 33 MCFD Rates: 55 MCFD estimates and supporting data.) Rates: Gas Oil Gas Oil Gas Oil **Fixed Allocation Percentage** (Note: If allocation is based upon somethin other than current or past production, supporting data or % **Supplied Upon Completion Supplied Upon Completion** % explanation will be required.)

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	Yes NoX YesXNo						
Are all produced fluids from all commingled zones compatible with each other?	YesXNo						
Will commingling decrease the value of production?	Yes NoX						
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	YesXNo						
NMOCD Reference Case No. applicable to this well:	_						
 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, royalty and overriding royalty interests for uncommon interest cases. Any additional statements, data or documents required to support commingling. 							
PRE-APPROVED POOLS							
If application is to establish Pre-Approved Pools, the following additional information will be requ	ired:						

List of other orders approving downhole commingling within the proposed Pre-Approved Pools

List of dull operators within the proposed Pre-Approved Pools Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application. Bottomhole pressure data.

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

110/			the best of my knowledge and ben			
SIGNATURE	$\overline{\mathbf{x}}$	TITLE	Production Engineer	DATE	8-15-00	
nco	\triangle					
TYPE OR PRINT NAME	_Randy Buckley_		TELEPHONE NO. (505) 326-9700	

PO Drawer DD. Artesia. NM 88211-0719 District III 1000 Rio Brazzo Rd., Aziec. NM 87410 OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088	Box 1980, Hubbs, NM 88241-1980	State of New Mexico () Energy, Minerals & Natural Resources Department
	PO Drawer DD, Artesia, NM \$8211-0719 District ([] 1000 Rio Brazos Rd., Aztee, NM \$7410 District IV	

State of New Mexico

59 JUN 17 PM 1:20

Form C-102 Revised February 21, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

> AMENDED REPORT E

WELL LOCATION AND ACREAGE DEDICATION PLAT												
· · ·	Pl Numbe	ат Т	Ţ	¹ Pool Code	•		' Pool i	Name				
	<u> 39-20</u>	108	96767/71599 Munoz Canyon Gallup/Basin Dakota									
* Property (7460				Con Tu	* Property Name an 28-5 Unit 75							
'OGRID				san Ju	'Operator				* Elevation			
14538		I	Burli	ngton	Resources	s Oil & Gas	Company	7	6589 GR			
					¹⁰ Surface				·····			
UL or lot no.	Section	Township	Range	Lot ida	Feet from the	North/South line	Feet from the	East/West i				
G	17	28N	<u>5W</u>	<u> </u>	1650	North	1500	East	RA			
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UL or lot no.	Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	East/West i	ine County			
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		OR A I	NON-ST	ANDARD	UNIT HAS B	EEN APPROVED	BY THE DI	VISION				
16							-17 OPE	RATOR	CERTIFICATION			
		1							rmation contained herein is			
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T28N - R5W

Form 9-330 (Kev. 5-63)								·		
			INITED S			-	UPLICATE • (See other in	Budget	pproved. Bureau No. 42 -R8 55.5.	
	DEF		ENT OF			R	structions o reverse side	n 5 rates prove	NON AND SERIAL NO.	
		GE	OLOGICAL	SURVEY				SF 079250		
WELL CO	MPI FT		R RECOMP					6. IF INDIAN, ALLO	TTER OR TRIBE NAME	l
18. TYPE OF WEL									1-20106-	
		WELL L	WELL X		Other	. <u>-</u>	·	7. UNIT AGREEMEN		
b. TYPE OF COM	work	DEEP-	PLCG	DIFF.	0 .11			Sen Juan S. FARM OR LEASE		
WELL 2. NAME OF OPERAT	OVER L		BACK L	RESVR.	Other	······································		•	28-5 Unit -	
El Paso N		1 Gas Co	MIDBDY					9. WELL NO.		•
3. ADDRESS OF OPEN								75	김 교실 부름된다.	
Box 990,	Farmi	ngton, 1	New Mexico					10. FIELD AND POO	L, OR WILDCAT	
4. LOCATION OF WEI				dance with an	y State req	uirements)	•	Basin, Dak	õta 🗄	
At surface	1650	'N, 1500	D'E	à				11. SEC., T., R., M., OR AREA	OR BLOCK AND BURVEY	
At top prod. int	erval rep	orted below	-	· · ·	<u>;</u> *			Sec 17.	D-28-N A RAS-	W
At total depth				 	2	•		N.M.P.R.		
At total depth		5	11	4. PERMIT NO.	·····	DATE ISS	SI'ED	12. COUNTY OB	13-STATE	
								PARISH		-
15. DATE SPUDDED	16. DAT	E T.D. REACH	HED 17. DATE CO.	MPL. (Ready t	o prod.)	18. ELEVAT	TONS (DF. RKF	RIO ATTIC	ELEV. CASINGHEAD	D
6-23-68	a	-11-68		-24-68			589' GL			
20. TOTAL DEPTH, MD	A TVD		CK T.D., MD & TVD	22. IF MUL			23. INTERVALS		CABLE TOOLS	
7952'		-	7938'	HOW M	AN Y.			0-7952		
24. PRODUCING INTER	WAL(S),			TTOM, NAME (MD AND TVE)* :		2	SURVEX MADE	
) /n-	beet a \						가 안 안 다 가 다 가 다 가 많 다 다		
7734 - 7928	_ •					ين: بالع				177
26. TYPE ELECTRIC / I-GR, FDC,							:	241. V		5
		Sui vej							<u></u>	
28. CASING SIZE	WEIG	HT. LB./FT.	CASING DEPTH SET ()	RECORD (Reg	LE SIZE	ngs set in v		G RECORD		- 1 A.
9 5/8"		30#	195'	12	3/4"	105	Sks.		ANDUNE PULLED	المعادية السعة والد الريحة ال
711:	20		3698'	8	3/4"		Sks.			• • • • •
4 1/2"		6 & 10.			<u></u>		Sks.			
		<u> </u>			-/ •					جنہ اے میں
29.		LIN	ER RECORD			3	0!	TUBING RECORD		,
SIZE	TOP (M	4D) BO	TTOM (MD) SAG	KS CEMENT*	SCREEN	(MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
							2 3/8"	7726		_
		<u> </u>			1					-
31. PERFORATION RE	-				32.			CTURE: CEMENT SQL	<u> </u>	-
7734-44, 78				7903'		INTERVAL		AMOUNT AND BE	MATERIAL USED	_
w/23 SPZ;	(913-2	20' W/20	SPZ			-7928	82	000 gal vete	z, 51,000/ 6	anc
								<u>300 Gale.</u>	A A A A A A A A A A A A A A A A A A A	-
									2 4 5 6 3 4 M	-
33.*				PRO	DUCTION					•
DATE FIRST PRODUCT	lon	PRODUCTI	ON METHOD (Flow	ing, gas lift, p	umping-8	ize and typ	e of pump)	WELL STAT		
:			Flowing					2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
DATE OF TEST	HOURS	TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL-BB	L. 🧖	GAS-MCF.	WATER BBL	ANB-OIL BATHOS	
9-24-68	1	3	3/4"	<u> </u>			· .			_
FLOW. TUBING PRESS.		PRESSURE	CALCULATED 24-HOUR BATE	OIL-BBL.	1.	5 MCF.			BEATIDE-APE (COBB.)	
SI 2514 34. DISPOSITION OF C	SI 2		L nented etc.)		47	73 MCP/	D - A.O	10 4000		-
UP CONTRACT OF		,	······································			. 1		TEST WITNESSED		
35. LIST OF ATTACHMENTS							 	D. R. 1		-
36. I hereby certify	that the	foregoing a	nd attached infor	mation is com	plete and c	orrect as d	etermined fro	m all available record		-
	0	riginal sig	ned by			2 2 5	igineer	100000		
SIGNED	C	ari E. Ma	tthews	TITLE				DATE		

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

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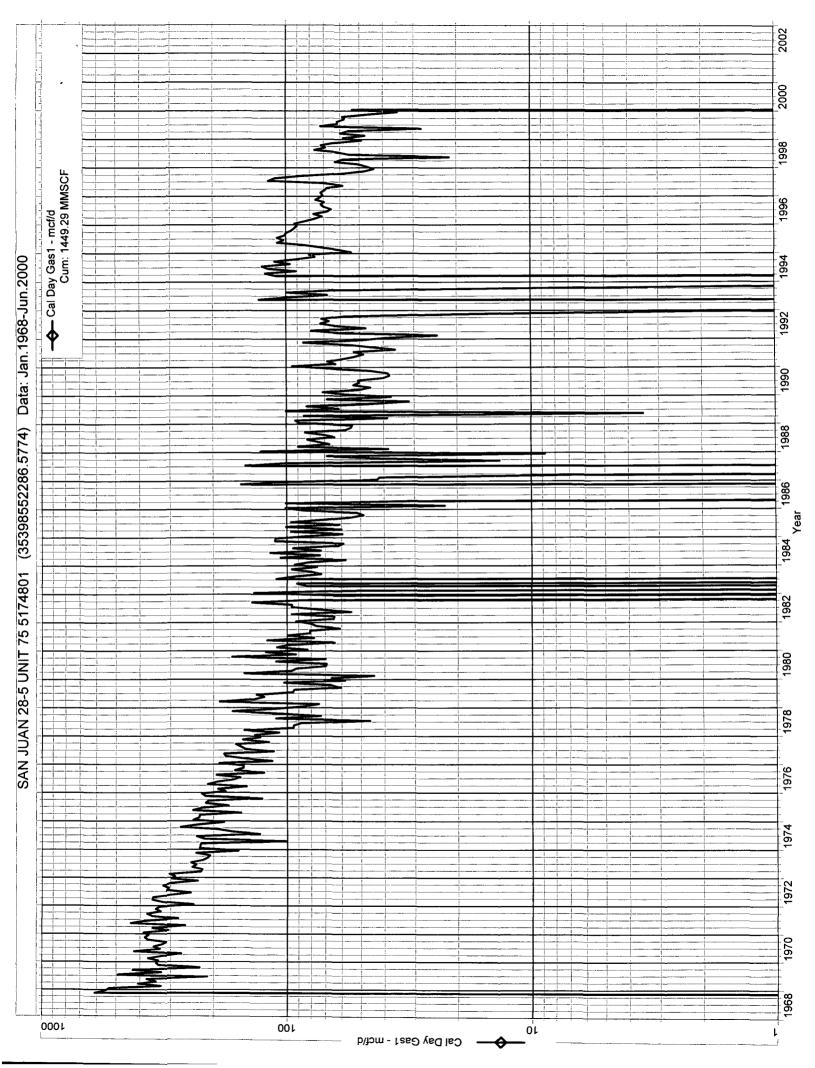
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Form 3160-4				STATES		SUBMIT	IN DUPLICATE	1		APPROVED
		DEDA					OMB NO. 1004-0137			
							(everse side)	Expires: December 31, 1991 5. LEASE DESIGNATION AND SERIAL NO.		
		BUI	REAU OF LA	ND MANAGEME					SF-079250	
WELL COMPI	LETION	N OR R	ECOMPL	LETION RE	PORT AN	DLO	G*	6. IF II	DIAN, ALLOTTE	E OR TRIBE NAME
1a. TYPE OF WELL		OIL	GAS WELL X	DRY Other	· · · · · · · · · · · · · · · · · · ·	oraj (: O:	<u>ガウ</u> 11日	
						<u> </u>	ه است	· · · · · · · · · · · · · · · · · · ·	TAGREEMENT	NAME
b. TYPE OF COMPLE		-	-			و معدير		1	San Juan 28	
NEW WELL	OVER	DEEP- EN	PLUG BACK			<u></u>		8. FAF	MOR LEASE N	AME, WELL NO.
		<u></u>			<u>+</u>				San Juan 28 WELL NO.	-5 Unit #75
2. NAME OF OPERAT	-		& GAS COM						WELL NO. 30-039-2010	9
3. ADDRESS AND TEL			a one con				. <u> </u>		ELD AND POOL.	
PO Box 428	39, Farming	ton, NM 87	499 (505	5) 326-9700		_			Munoz Cany	on Gallup
4 LOCATION OF WEL		cation clearly NL. 1500 'f		ance with any State i	equirements)*					R BLOCK AND SURVEY
At surface	1000 P	-NL, 1500 P	FCL,						R AREA	
At top prod. interval	reported bek	ow								
At total depth									Sec. 17, T-2	B-N. R-5-W
										φ 13, 13-₩ ⁻ 77
			[14. PERMIT NO.	DATE ISSU	ED	· · · · · · · · · · · · · · · · · · ·		OUNTY OR	13. STATE
•								1	ARISH Rio Arriba	New Mexico
15. DATE SPUDDED	6. DATE T.C	. REACHED	17. DATE	COMPL. (Ready to pro	J	18. EL	EVATIONS (DF. I			19. ELEV. CASINGHEA
6-23-68	9-11-6			9-00			6589' GR			
20. TOTAL DEPTH, MD &		21. PLUG, BAC	CK T.D., MD &TV		E COMPL., N MANY*		ERVALS	ROTAR	YTOOLS	CABLE TOOLS
7952'		CIBP (@ 7645'		2			0-795	2'	
24. PRODUCTION INTER	RVAL (S) OF T	HIS COMPLET	NON-TOP, BOTT	OM. NAME (MD AND	TVD)*				25. WAS DIREC	
6376-7500' Gallu	m								SURVEY M	AUL
26. TYPE ELECTRIC AND		SS RUN						27. WAS	S WELL CORED	
26. TYPE ELECTRIC AND CBL-CCL-GR		SS RUN					····		S WELL CORED	· · · · · · · · · · · · · · · · · · ·
CBL-CCL-GR	D OTHER LOC				RD (Report all strin	-			No	
CBL-CCL-GR	D OTHER LOC	SS RUN	DEPTH SET (N		TOP OF C	-	well) EMENTING REC		No	MOUNT PULLED
CBL-CCL-GR 28. CASING SIZE/GRADE				MD) HOLE SIZE	TOP OF C 125 sx	-			No	MOUNT PULLED
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8"	WEIGHT 32.3# 20#		195'	MD) HOLE SIZE	TOP OF C 125 sx 130 sx	-			No	MOUNT PULLED
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2"	WEIGHT 32.3# 20#	r, LB./FT.	195' 3698' 7952'	MD) HOLE SIZE 13 3/4 8 3/4	TOP OF C 125 sx 130 sx 400 sx	-		ORD	No	
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7"	WEIGHT 32.3# 20# 11/6 &	r, LB <i>J</i> FT.	195' 3698' 7952'	MD) HOLE SIZE 13 3/4 8 3/4 6 1/4	TOP OF C 125 sx 130 sx 400 sx 30	EMENT. C	EMENTING REC	ORD TL	No A	
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29.	WEIGHT 32.3# 20# 11/6 &	10.5#	195' 3698' 7952' CORD	MD) HOLE SIZE 13 3/4 8 3/4 6 1/4	TOP OF C 125 sx 130 sx 400 sx 30	EMENT. C		ORD TL	No A	D ACKER SET (MD)
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE TOP (M	D OTHER LOC WEIGHT 32.3# 20# 11/6 &	r, LB,/FT.	195' 3698' 7952' CORD SACKS CEMEN	MD) HOLE SIZE 13 3/4 8 3/4 6 1/4 NT* SCREEN (MI	TOP OF C 125 sx 125 sx 130 sx 400 sx 30. D) SIZE 2 3/8"	EMENT. C	EMENTING REC DEPTH SET 7599'	ORD TL T (MD)	No A BING RECOR P CIBP @ 764	D ACKER SET (MD) 15'
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE 31 PERFORATION REC	D OTHER LOC WEIGHT 32.3# 20# 11/6 & D) BOTT	r, LB /FT.	195' 3698' 7952' CORD SACKS CEMEN	MD) HOLE SIZE 13 3/4 8 3/4 6 1/4 NT* SCREEN (M) 32.	TOP OF C 1 125 sx 130 sx 400 sx 30. 2 3/8" 400 sx	EMENT. C	DEPTH SET	TL (MD)	No A BING RECOR P CIBP @ 764 NT SQUEEZE,	D ACKER SET (MD) 15' ETC.
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE TOP (M	D OTHER LOC WEIGHT 32.3# 20# 11/6 & 11/6 & 000 (Intervet) 38@, 6392;	r, LB /FT.	195' 3698' 7952' CORD SACKS CEMEN Der) 6654, 6658,	MD) HOLE SIZE 13 3/4 8 3/4 6 1/4 NT* SCREEN (MI 32. DEPTH	TOP OF C 125 sx 125 sx 130 sx 400 sx 30. D) SIZE 2 3/8"	ACID. SH	DEPTH SET 7599' DT, FRACTUR	TL (MD) E. CEME	No A BING RECOR P CIBP @ 764	D ACKER SET (MD) 15' ETC. ERIAL USED
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE TOP (M 31 PERFORATION REC 6376, 6389, 6384, 63 6662, 6666, 6670, 64 6798, 6802, 6806, 72	D OTHER LOC WEIGHT 32.3# 20# 11/6 & 11/6 & 0RD (Intervel 38.9, 6392) 7046708, 265, 7268,	r. LB./FT. 10.5# LINER REC TOM (MD) size and numi 6396) 6650 6712, 6716 7271, 7274	195' 3698' 7952' CORD SACKS CEMEN SACKS CEMEN (5654, 6658, 6790, 6794, 7277, 7280,	MD) HOLE SIZE 13 3/4 8 3/4 6 1/4 NT* SCREEN (M) 32. 32. DEPTH 6376-6806' 7265-7340'	TOP OF C 1 125 sx 130 sx 400 sx 30. 2 3/8" 400 sx	EMENT. C	DEPTH SET 7599' DT, FRACTURI AM DDI 25# x-lini DDI 25# x-lini	ORD TL (MD) E. CEME OUNT ANI k gel, 10 k gel, 60	No A BBING RECOR P CIBP @ 764 CIBP @ 764 NT SQUEEZE. D KIND OF MATI 10,000# 20/40	D ACKER SET (MD) 15' ETC. ERIAL USED D Arizona sd Arizona sd
CBL-CCL-GR 28. GASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE 31 PERFORATION REC 6376. 6389, 6662. 6666. 66798. 6802. 7283. 7286.	D OTHER LOC WEIGHT 32.3# 20# 11/6 & 11/6 & 0RD (Intervel 38.9, 6392) 7046708, 265, 7268,	r. LB./FT. 10.5# LINER REC TOM (MD) size and numi 6396) 6650 6712, 6716 7271, 7274	195' 3698' 7952' CORD SACKS CEMEN SACKS CEMEN (5654, 6658, 6790, 6794, 7277, 7280,	MD) HOLE SIZE 13 3/4 8 3/4 6 1/4 NT* SCREEN (M) 32. 32. DEPTH 6376-6806' 7265-7340'	TOP OF C 1 125 sx 130 sx 400 sx 30. 2 3/8" 400 sx	ACID, SH4	DEPTH SET 7599' DT, FRACTUR AM bbl 25# x-lini bbl 25# x-lini bbl 30# x-link	TL (MD) E. CEME OUNT AN k gel, 10 k gel, 60 gel, 758	No A BING RECOR P CIBP @ 764 NT SQUEEZE, D KIND OF MATI 0,000# 20/40 D bDI 35# x-lin	D ACKER SET (MD) 15' ETC. ERIAL USED D Arizona sd Arizona sd
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE TOP (M 31 PERFORATION REC 6376, 6389, 6384, 63 6662, 6666, 6670, 64 6798, 6802, 6806, 72	D OTHER LOC WEIGHT 32.3# 20# 11/6 & 11/6 & 0RD (Intervel 38.9, 6392) 7046708, 265, 7268,	r. LB./FT. 10.5# LINER REC TOM (MD) size and numi 6396) 6650 6712, 6716 7271, 7274	195' 3698' 7952' CORD SACKS CEMEN SACKS CEMEN (5654, 6658, 6790, 6794, 7277, 7280,	MD) HOLE SIZE 13 3/4 8 3/4 6 1/4 NT* SCREEN (M) 32. 32. DEPTH 6376-6806' 7265-7340'	TOP OF C 1 125 sx 130 sx 400 sx 30. 2 3/8" 400 sx	ACID, SH4	DEPTH SET 7599' DT, FRACTURI AM DDI 25# x-lini DDI 25# x-lini	TL (MD) E. CEME OUNT AN k gel, 10 k gel, 60 gel, 758	No A BING RECOR P CIBP @ 764 NT SQUEEZE, D KIND OF MATI 0,000# 20/40 D bDI 35# x-lin	D ACKER SET (MD) 15' ETC. ERIAL USED D Arizona sd Arizona sd
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE 31 PERFORATION REC 6376. 6389, 6384, 63 6662, 6666, 6870, 63 6798, 6802, 6806, 72 7283, 7286, 7289, 73 7480-7500'	D OTHER LOC WEIGHT 32.3# 20# 11/6 & 0RD (Intervel 38.9, 6392) 7046708, 265, 7268, 325, 7328,	T. LB /FT. 10.5# LINER REC TOM (MD) size and numi 6396) 6650 6712, 6716 7271, 7274 7331, 7334	195' 3698' 7952' CORD SACKS CEMEN SACKS CEMEN (0, 0654, 6658, 0, 0790, 6794' 7277, 7280, 7337, 7340, 1000 METHOD ()	MD) HOLE SIZE 13 3/4 8 3/4 6 1/4 NT* SCREEN (MI 32. DEPTH 6376-6806' 7265-7340' 7480-7500' Flowing. gas lift, pump	TOP OF C 125 sx 130 sx 400 sx 30. D) SIZE 2 3/8" INTERVAL (MD) PRODUCTION	CID. SH4 1120 1086 229 t 60.	DEPTH SET 7599' DT, FRACTUR AM bbl 25# x-lini bbl 25# x-lini bbl 30# x-link	TL (MD) E. CEME OUNT AN k gel, 10 k gel, 60 gel, 758	No A BING RECOR P CIBP @ 764 CIBP @ 764 CIBP @ 764 D KIND OF MATI 0,000# 20/40 D bDI 35# x-lin sd WELL STATUS	D ACKER SET (MD) 15' ETC. ERIAL USED D Arizona sd Arizona sd
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE 31 PERFORATION REC 6376. 6389. 63662. 6665. 6579. 7283. 7283. 7283. 7283. 7285. 7285. GATE FIRST PRODUCTIO	D OTHER LOC WEIGHT 32.3# 20# 11/6 & 0RD (Intervel 389, 6592) 704.6708, 265, 7268, 325, 7328,	T. LB /FT. 10.5# LINER REC TOM (MD) size and numi 6396) 6650 6712, 6216 7271, 7274 7331, 7334 PRODUCT	195' 3698' 7952' CORD SACKS CEMEN SACKS CEMEN (), 6654, 6658, (), 6790, 6794 (), 7277, 7280, (), 7337, 7340, (), 7337, 7340, (), 7337, 7340, (), 754, 6658, (), 754, 754, 6658, (), 754, 754, 754, 754, 754, 754, 754, 754	MD) HOLE SIZE 13 3/4 8 3/4 6 1/4 NT* SCREEN (MI 32. 32. 0 DEPTH 6376-6806' 7265-7340' 7480-7500' Elowing. gas lift. pumplowing	TOP OF C 125 sx 130 sx 400 sx 30. D) SIZE 2 3/8" INTERVAL (MD) PRODUCTION ng-size and type of p	CID. SH 1120 1086 229 t 60.	EMENTING REC DEPTH SE1 7599' DT, FRACTUR AM bbl 25# x-link bbl 25# x-link 000# 20/40 A	ORD TL (MD) E. CEME OUNT AN k gel, 10 k gel, 60 gel, 758 rizona s	No A BBING RECOR P CIBP @ 764 CIBP @ 764 CIBP @ 764 D KIND OF MATI 0,000# 20/40 bbl 35# x-lin sd WELL STATUS SI	D ACKER SET (MD) 15' ETC. ERIAL USED D Arizona sd Arizona sd Arizona sd kk gel, (Producing or shul-in)
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE 31 PERFORATION REC 6376. 6380, 6384, 63 6662. 6666. 6870, 63 6798. 6802, 6806, 72 7480-7500' 33 DATE FIRST PRODUCTIO DATE OF TEST	D OTHER LOC WEIGHT 32.3# 20# 11/6 & 0RD (Intervel 38.8, 6392) 7046708, 265, 7268, 325, 7328,	T. LB /FT. 10.5# LINER REC TOM (MD) size and numi 6396) 6650 6712, 6216 7271, 7274 7331, 7334 PRODUCT	195' 3698' 7952' CORD SACKS CEMEN SACKS CEMEN (0, 0654, 6658, 0, 0790, 6794' 7277, 7280, 7337, 7340, 1000 METHOD ()	MD) HOLE SIZE 13 3/4 8 3/4 6 1/4 NT* SCREEN (MI 32. 32. 02765-7340' 7265-7340' 7265-7340' Flowing. gas lift, pumplowing	TOP OF C 125 sx 130 sx 400 sx 30. D) SIZE 2 3/8" INTERVAL (MD) PRODUCTION	ACID. SH(1120 1086 229 t 60. bump) GAS-	EMENTING REC DEPTH SET 7599' DT, FRACTURI AM bbl 25# x-lini bbl 25# x-lini bbl 25# x-lini bbl 30# x-link D00# 20/40 A	TL T(MD) E. CEME OUNT ANI k gel, 10 k gel, 60 gel, 758 rizona s WATE	No A BING RECOR P CIBP @ 764 CIBP @ 764 CIBP @ 764 D KIND OF MATI 0,000# 20/40 D bDI 35# x-lin sd WELL STATUS	D ACKER SET (MD) 15' ETC. ERIAL USED D Arizona sd Arizona sd Arizona sd
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE TOP (M 31 PERFORATION REC 6376: 6380', 6384, 63 6662: 6666: 6870, 63 6662: 6666: 6870, 63 6798: 6802, 6808, 72 7283, 7286, 7289, 73 7480-7500' 33. DATE FIRST PRODUCTIO DATE OF TEST 2-19-00	DOTHER LOC WEIGHT 32.3# 20# 11/6 & 11/6 & 0000 (Intervel) 389, 6392; 704. 6708, 265, 7268, 325, 7328, N HOURS T 1	I.LB./FT. LINER REC TOM (MD) Size and numil 6396) 66506 671271, 7274 7331, 7334 PRODUCT ESTED	195' 3698' 7952' CORD SACKS CEMER SACKS CEMER SACKS CEMER (54, 6654, 6658, 6790, 6794' 7277, 7280, 7277, 7280, 7277, 7280, 7337, 7340, TON METHOD (I Fic CHOKE SIZE	MD) HOLE SIZE 13 3/4 8 3/4 6 1/4 NT* SCREEN (MI 32. DEPTH 6376-6806' 7265-7340' 7480-7500' Flowing gas lift, pump powing PROD'N FOR O TEST PERIOD	TOP OF C II 125 sx II 130 sx III 30. IIII 2 3/8" INTERVAL (MD)	CID. SH 1120 1086 229 t 60. 500000 CAS- 264 M	EMENTING REC DEPTH SET 7599' DT, FRACTURI AM bbl 25# x-lini bbl 25	E. CEME OUNT ANI k gel, 10 k gel, 758 rizona s WATE Bauge	No A BBING RECOR P CIBP @ 764 CIBP @ 764 CIBP @ 764 D KIND OF MATI 0,000# 20/40 bbl 35# x-lin sd WELL STATUS SI	D ACKER SET (MD) 15' ETC. ERIAL USED D Arizona sd Arizona sd Arizona sd kik gel. (Producing or shul-in)
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE 31 PERFORATION REC 6376. 6389, 6384, 6662. 6662. 6802. 7283. 7283. 7286. 7480-7500' 33. DATE FIRST PRODUCTIO DATE OF TEST 2-19-00 FLOW. TUBING PRESS.	D OTHER LOC WEIGHT 32.3# 20# 11/6 & 11/6 & 0RD (Intervel) 388, 6392; 704.6708, 265, 7268, 325, 7328, N HOURS T 1 CASING F	T. LB /FT. 10.5# LINER REC TOM (MD) size and numi 6396) 6650 6712, 6216 7271, 7274 7331, 7334 PRODUCT ESTED C PRODUCT	195' 3698' 7952' CORD SACKS CEMER SACKS CEMER SACKS CEMER (54, 6654, 6658, 6790, 6794' 7277, 7280, 7277, 7280, 7277, 7280, 7337, 7340, TON METHOD (I Fic CHOKE SIZE	MD) HOLE SIZE 13 3/4 8 3/4 8 3/4 6 1/4	TOP OF C 125 sx 130 sx 400 sx 30. D) SIZE 2 3/8" INTERVAL (MD) PRODUCTION ng-size and type of p	CID. SH 1120 1086 229 t 60. 500000 CAS- 264 M	EMENTING REC DEPTH SET 7599' DT, FRACTURI AM bbl 25# x-lini bbl 25# x-lini bbl 25# x-lini bbl 30# x-link D00# 20/40 A	E. CEME OUNT ANI k gel, 10 k gel, 758 rizona s WATE Bauge	No A BBING RECOR P CIBP @ 764 CIBP @ 764 CIBP @ 764 D KIND OF MATI 0,000# 20/40 bbl 35# x-lin sd WELL STATUS SI	D ACKER SET (MD) 15' ETC. ERIAL USED D Arizona sd Arizona sd Arizona sd kk gel, (Producing or shul-in)
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE TOP (M 31 PERFORATION REC 6376, 6389, 6384, 63 6662, 6666, 6670, 63 6662, 6666, 6670, 63 6662, 6666, 6670, 63 6798, 6802, 6808, 72 7283, 7286, 7289, 73 7480-7500' 33. DATE FIRST PRODUCTIO DATE OF TEST 2-19-00 FLOW. TUBING PRESS. SI 40	D OTHER LOC WEIGHT 32.3# 20# 11/6 & 0000 (Intervel 389, 6392) 704-6708, 265, 7268, 325, 7328, N HOURS T 1 CASING F SI 111	T. LB /FT. 10.5# LINER REC TOM (MD) size and numi 6396) 6650 6712, 6216 7271, 7274 7331, 7334 PRODUCT ESTED C RESSURE 2 19	195' 3698' 7952' CORD SACKS CEMEN Der) 0, 6654, 6658, 4, 6790, 6794' 7277, 7280, 7337, 7340, TON METHOD (N Fik CHOKE SIZE CALCULATED 24-HOUR RATE	MD) HOLE SIZE 13 3/4 8 3/4 8 3/4 6 1/4	TOP OF C II 125 sx II 130 sx III 30. IIII 2 3/8" INTERVAL (MD)	CID. SH 1120 1086 229 t 60. 500000 CAS- 264 M	EMENTING REC DEPTH SET 7599' DT, FRACTURI AM bbl 25# x-lini bbl 25	E. CEME OUNT ANI k gel, 10 k gel, 758 rizona s WATE Bauge	No A BING RECOR P CIBP @ 764 CIBP @ 764 CIBP @ 764 D KIND OF MATI 0,000# 20/40 D KIND OF MATI 0,000# 20/40 D KIND OF MATI 0,000# 20/40 D KIND OF MATI 0,000# 20/40 D KIND OF MATI 0,000# 20/40 SI SI SI SR-BBL	D ACKER SET (MD) 15' ETC. ERIAL USED D Arizona sd Arizona sd Arizona sd Ak gel, (Producing or shut-in) (GAS-OIL RATIO OIL GRAVITY-API (COR
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE 31 PERFORATION REC 6376. 6389, 6384, 6662. 6662. 6802. 6306. 7283. 7286. 7480-7500' 33. DATE FIRST PRODUCTIO DATE OF TEST 2-19-00 FLOW. TUBING PRESS.	D OTHER LOC WEIGHT 32.3# 20# 11/6 & 11/6 & 0000 (intervel 38.9, 6392) 7046708, 265, 7268, 325, 7328, N HOURS T 1 CASING F SI 1111 AS (Sold: Used	T. LB /FT. 10.5# LINER REC TOM (MD) size and numi 6396) 6650 6712, 6716 7271, 7274 7331, 7334 PRODUCT ESTED C PRODUCT RESSURE 19 Tor ruet. ventee	195' 3698' 7952' CORD SACKS CEMEN Der) 0, 6654, 6658, 4, 6790, 6794' 7277, 7280, 7337, 7340, TON METHOD (N Fik CHOKE SIZE CALCULATED 24-HOUR RATE	MD) HOLE SIZE 13 3/4 8 3/4 8 3/4 6 1/4	TOP OF C II 125 sx II 130 sx III 30. IIII 2 3/8" INTERVAL (MD)	CID. SH 1120 1086 229 t 60. 500000 CAS- 264 M	EMENTING REC DEPTH SET 7599' DT, FRACTURI AM bbl 25# x-lini bbl 25	E. CEME OUNT ANI k gel, 10 k gel, 758 rizona s WATE Bauge	No A BBING RECOR P CIBP @ 764 CIBP @ 764 CIBP @ 764 D KIND OF MATI 0,000# 20/40 bbl 35# x-lin sd WELL STATUS SI	D ACKER SET (MD) 15' ETC. ERIAL USED D Arizona sd Arizona sd Arizona sd Ak gel, (Producing or shut-in) (GAS-OIL RATIO OIL GRAVITY-API (COR
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE 31 PERFORATION REC 6376. 6389. 6384. 6662. 6665. 6798. 6802. 7283. 7283. 7283. DATE FIRST PRODUCTIO DATE OF TEST 2-19-00 FLOW. TUBING PRESS. SI 40	D OTHER LOC WEIGHT 32.3# 20# 11/6 & 11/6 & D) BOTT ORD (Interval 389, 6392) 7046708, 265, 7268, 325, 7328, N HOURS T 1 CASING F SI 1111 AS (Sold. used To be	T. LB /FT. 10.5# LINER REC TOM (MD) size and numi 6396) 6650 6712, 6716 7271, 7274 7331, 7334 PRODUCT ESTED C PRODUCT RESSURE 19 Tor ruet. ventee	195' 3698' 7952' CORD SACKS CEMEN Der) 0, 6654, 6658, 4, 6790, 6794' 7277, 7280, 7337, 7340, TON METHOD (N Fik CHOKE SIZE CALCULATED 24-HOUR RATE	MD) HOLE SIZE 13 3/4 8 3/4 8 3/4 6 1/4	TOP OF C II 125 sx II 130 sx III 30. IIII 2 3/8" INTERVAL (MD)	CID. SH 1120 1086 229 t 60. 500000 CAS- 264 M	EMENTING REC DEPTH SET 7599' DT, FRACTURI AM bbl 25# x-lini bbl 25	E. CEME OUNT ANI k gel, 10 k gel, 758 rizona s WATE Bauge	No A BING RECOR P CIBP @ 764 CIBP @ 764 CIBP @ 764 D KIND OF MATI 0,000# 20/40 D KIND OF MATI 0,000# 20/40 D KIND OF MATI 0,000# 20/40 D KIND OF MATI 0,000# 20/40 D KIND OF MATI 0,000# 20/40 SI SI SI SR-BBL	D ACKER SET (MD) 15' ETC. ERIAL USED D Arizona sd Arizona sd Arizona sd Ak gel, (Producing or shut-in) (GAS-OIL RATIO OIL GRAVITY-API (COR
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE 31 PERFORATION REC 6376. 6380, 6662. 6662. 6662. 6802. 7283. 7283. 7286. 7480-7500' 33. DATE FIRST PRODUCTIO DATE FIRST PRODUCTIO FLOW. TUBING PRESS. SI 40 34. DISPOSITION OF G2 35. LIST OF ATTACHME	D OTHER LOC WEIGHT 32.3# 20# 11/6 & D) BOTT ORD (Intervel 38.9, 6392); 7046708, 265, 7268, 325, 7328, NOR HOURS T 1 CASING F SI 111 AS (Sold: used To be NORE	I.I.B./FT. I.I.NER REC Size and numin 6396) 6650 6712, 6716 7271, 7274 7331, 7334 PRODUCT RESSURE I.I.P. Tuel. venter sold	195' 3698' 7952' CORD SACKS CEMEN Der) 0, 6654, 6658, 4, 6790, 6794' 7277, 7280, 7277, 7280, 7337, 7340, TON METHOD (N Fik CHOKE SIZE CALCULATED 24-HOUR RATE 0, etc.)	MD) HOLE SIZE 13 3/4 8 3/4 6 1/4 NT* SCREEN (MI 32. DEPTH 6376-6806' 7265-7340' 7480-7500' Flowing. gas lift, pumpl owing PROD'N FOR OIL-BBL	TOP OF C 125 sx 130 sx 400 sx 30. D) SIZE 2 3/8" 1 NTERVAL (MD) PRODUCTION ng-size and type of IL-BBL GAS-MC	CID. SHI 1120 1086 229 t 60. 50mp) GAS- 264 M	EMENTING REC DEPTH SET 7599' DT, FRACTUR AM bbl 25# x-link D00 25# x-link 000# 20/40 A MCF ACF/D Pitot C WATER-E	E. CEME OUNT ANI k gel, 10 k gel, 758 rizona s WATE Bauge	No A BING RECOR P CIBP @ 764 CIBP @ 764 CIBP @ 764 D KIND OF MATI 0,000# 20/40 D KIND OF MATI 0,000# 20/40 S I S I S I S I S I SBBL	D ACKER SET (MD) 15' ETC. ERIAL USED D Arizona sd Arizona sd Arizona sd Ak gel, (Producing or shut-in) (GAS-OIL RATIO OIL GRAVITY-API (COR
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE 31 PERFORATION REC 6376. 6389. 63662. 66662. 6662. 6662. 7283. 7283. 7283. 23. DATE FIRST PRODUCTIO DATE FIRST PRODUCTIO FLOW. TUBING PRESS. SI 40 34	D OTHER LOC WEIGHT 32.3# 20# 11/6 & D) BOTT ORD (Intervel 38.9, 6392); 7046708, 265, 7268, 325, 7328, NOR HOURS T 1 CASING F SI 111 AS (Sold: used To be NORE	I.I.B./FT. I.I.NER REC Size and numin 6396) 6650 6712, 6716 7271, 7274 7331, 7334 PRODUCT RESSURE I.I.P. Tuel. venter sold	195' 3698' 7952' CORD SACKS CEMEN Der) 0, 6654, 6658, 4, 6790, 6794' 7277, 7280, 7277, 7280, 7337, 7340, TON METHOD (N Fik CHOKE SIZE CALCULATED 24-HOUR RATE 0, etc.)	MD) HOLE SIZE 13 3/4 8 3/4 6 1/4 NT* SCREEN (MI 32. DEPTH 6376-6806' 7265-7340' 7480-7500' Flowing. gas lift, pumpl owing PROD'N FOR OIL-BBL	TOP OF C 125 sx 130 sx 400 sx 30. D) SIZE 2 3/8" 1 NTERVAL (MD) PRODUCTION ng-size and type of IL-BBL GAS-MC	CID. SHI 1120 1086 229 t 60. 50mp) GAS- 264 M	EMENTING REC DEPTH SET 7599' DT, FRACTUR AM bbl 25# x-link D00 25# x-link 000# 20/40 A MCF ACF/D Pitot C WATER-E	E. CEME OUNT ANI k gel, 10 k gel, 758 rizona s WATE Bauge	No A BING RECOR P CIBP @ 764 CIBP @ 764 CIBP @ 764 D KIND OF MATI 0,000# 20/40 D KIND OF MATI 0,000# 20/40 S I S I S I S I S I SBBL	D ACKER SET (MD) 15' ETC. ERIAL USED D Arizona sd Arizona sd Arizona sd Ak gel, (Producing or shut-in) (GAS-OIL RATIO OIL GRAVITY-API (COR
CBL-CCL-GR 28. CASING SIZE/GRADE 9 5/8" 7" 4 1/2" 29. SIZE 31 PERFORATION REC 6376. 6380, 6662. 6662. 6662. 6802. 7283. 7283. 7286. 7480-7500' 33. DATE FIRST PRODUCTIO DATE FIRST PRODUCTIO FLOW. TUBING PRESS. SI 40 34. DISPOSITION OF G2 35. LIST OF ATTACHME	D OTHER LOC WEIGHT 32.3# 20# 11/6 & D) BOTT ORD (Intervel 38.9, 6392); 7046708, 265, 7268, 325, 7328, NOR HOURS T 1 CASING F SI 111 AS (Sold: used To be NORE	I.I.B./FT. I.I.NER REC Size and numin 6396) 6650 6712, 6716 7271, 7274 7331, 7334 PRODUCT RESSURE I.I.P. Tuel. venter sold	195' 3698' 7952' CORD SACKS CEMEN SACKS CEMEN (0, 0654, 6656, 0, 0790, 6794' , 7277, 7280, , 7337, 7340, 100N METHOD (// Fik CHOKE SIZE CALCULATED 24-HOUR RATE 0, 0(c,)	MD) HOLE SIZE 13 3/4 8 3/4 8 3/4 6 1/4 0 32. 0 13 3/4 32. 0 32. 0 6376-6806' 7265-7340' 7480-7500' 7480-7500' Flowing. gas lift. pumping 0 DOWING 0 TEST PERIOD 0 OIL-BBL 0	TOP OF C 125 sx 130 sx 400 sx 30. D) SIZE 2 3/8" 1 NTERVAL (MD) PRODUCTION ng-size and type of IL-BBL GAS-MC	CID. SH4 1120 1086 229 t 60. 50mp) GAS- 264 M	EMENTING REC DEPTH SET 7599' DT, FRACTUR AM bbl 25# x-link D00 25# x-link 000# 20/40 A MCF ACF/D Pitot C WATER-E	ORD TL (MD) E. CEME OUNT ANN k gel, 10 k gel, 60 gel, 758 vizona s vizona s sauge BBL	No A BING RECOR P CIBP @ 764 CIBP @ 764 CIBP @ 764 D KIND OF MATI 0,000# 20/40 D KIND OF MATI 0,000# 20/40 S I S I S I S I S I SBBL	D ACKER SET (MD) 15' ETC. ERIAL USED D Arizona sd Arizona sd Arizona sd Arizona sd (Producing or shut-in) (GAS-OIL RATIO OIL GRAVITY-API (COR

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OPERATOR

TARMING ON FIELD OFFICE



SJ 28-5 Unit #75 Bottom Hole Pressures Flowing and Static BHP Cullender and Smith Method Version 1.0 3/13/94

MANCOS	DAKOTA	
<u>MN-Current</u>	<u>DK-Current</u>	
GAS GRAVITY0.67COND. OR MISC. (C/M)C%N20.52%CO21.43%H2S0DIAMETER (IN)1.9DEPTH (FT)7891SURFACE TEMPERATURE (DEG F)60BOTTOMHOLE TEMPERATURE (DEG F)137FLOWRATE (MCFPD)0SURFACE PRESSURE (PSIA)501BOTTOMHOLE PRESSURE (PSIA)608.0	GAS GRAVITY COND. OR MISC. (C/M) %N2 %CO2 %H2S DIAMETER (IN) DEPTH (FT) SURFACE TEMPERATURE (DEG F) BOTTOMHOLE TEMPERATURE (DEG F) FLOWRATE (MCFPD) SURFACE PRESSURE (PSIA) BOTTOMHOLE PRESSURE (PSIA)	0,596 C 0.11 1.61 0 1.995 7726 60 198 0 1012 1193.4
<u>MN-Original</u>	<u>DK-Original</u>	
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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



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Gas Analysis Informa				_101×1	
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Sample Date	04/01/2000	Nitrogen (N2)	0.00521	0.0000	
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- Calculation Type	1	Propane (C3)	0.02157	0.0000	
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C Enter <u>G</u> PM		Butane	0.00330	0.000	
		Isopentane (IP5)	0.00270	0.0000	
	Related To	Pentane (P5)	0.00232	0.0000	
		Hexane (C6)	0.00000	0.0000	
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STATE OF NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

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DIL CON. DIV

CASE NO. 10663 Order No. R-9893

APPLICATION OF UNION OIL COMPANY OF CALIFORNIA d/b/a UNOCAL FOR AN ADMINISTRATIVE DOWNHOLE COMMINGLING PROCEDURE WITHIN THE RINCON UNIT AREA, RIO ARRIBA COUNTY, NEW MEXICO.

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION

DIVISION FOR THE PURPOSE OF

ORDER OF THE DIVISION

BY THE DIVISION:

CONSIDERING:

This cause came on for hearing at 8:15 a.m. on February 4, 1993, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 18th day of May, 1993, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, Union Oil Company of California, d/b/a Unocal, seeks the adoption of an administrative procedure for authorizing the downhole commingling of Blanco-Mesaverde, Largo-Gallup, or Undesignated Gallup Pool production with production from the Basin-Dakota Gas Pool within certain existing and subsequently drilled wells in its Rincon Unit Area, Rio Arriba County, New Mexico, without additional notice to each affected interest owner within the Unit Area.

(3) The Rincon Unit is a Federal exploratory unit initially comprising some 20,643 acres in portions of Townships 26 and 27 North and Ranges 6 and 7 West, NMPM, Rio Arriba County, New Mexico. The unit was formed in 1952 and is currently operated by Union Oil Company of California.

(4) The evidence and testimony presented indicates that the Basin-Dakota Gas Pool has been fully developed on 320-acre spacing within the Rincon Unit and that approximately half of the Unit Area has been infill drilled in the Basin-Dakota Gas Pool on 160-acre spacing. The Dakota Participating Area (PA) currently comprises virtually the entire unit area.

(5) The applicant has identified approximately thirty-three (33) infill Basin-Dakota well locations within the Unit Area which may be subsequently drilled.

(6) Based upon historical production, the applicant expects Basin-Dakota initial production from infill drilling to be marginal in nature ranging from approximately 150-600 MCF gas per day per well.

(7) Testimony and evidence presented by the applicant indicates that gas reserves in the Dakota formation on an individual well basis are not sufficient to economically justify the drilling of new wells to produce such reserves.

(8) The current well economics and expected Dakota producing rates virtually assure that these wells will be candidates for downhole commingling with either the Mesaverde or Gallup zones.

(9) The applicant has also identified approximately forty-two (42) current Dakota producing wells, some recently drilled, which also by virtue of well economics and producing rates make them candidates for downhole commingling.

(10) The applicant expects initial producing rates from the Mesaverde and Gallup formation to be marginal in nature.

(11) The Gallup, Dakota and Mesaverde Participating Areas within the Rincon Unit are not common.

(12) According to applicant's evidence, the working interest ownership within the Rincon Unit is fixed and common among the various wells and zones and is not affected by participating areas.

(13) According to further testimony, the royalty and overriding royalty interest ownership within the Rincon Unit varies between participating areas established for different locations and pools. CASE NO. 10663 Order No. R-9893 Page -3-

(14) Applicant's Exhibit No. 6 in this case is a list of one hundred and twenty (120) royalty and overriding royalty interest owners in the Dakota, Gallup and Mesaverde Participating Areas within the Rincon Unit. All such royalty and overriding royalty interest owners, as well as working interest owners, were notified of the application in this case.

(15) Rule No. 303(C) of the Division Rules and Regulations provides that administrative approval for downhole commingling may be granted provided that the interest ownership, including working, royalty and overriding royalty interest, is common among the commingled zones.

(16) Applicant's proposed administrative procedure would provide for Division approval to downhole commingle wells in the Rincon Unit Area without hearing, and without the requirement that each interest owner in the Dakota, Mesaverde and/or Gallup Participating Areas be notified of such commingling.

(17) The downhole commingling of wells within the Rincon Unit Area will benefit working, royalty and overriding royalty interest owners. In addition, the downhole commingling of wells within the Rincon Unit Area should not violate the correlative rights of any interest owner.

(18) The evidence in this case indicates that notice to each interest owner within the Dakota, Mesaverde and/or Gallup Participating Areas of subsequent downhole comminglings within the Rincon Unit is unnecessary and is an excessive burden on the applicant.

(19) No interest owner and/or offset operator appeared at the hearing in opposition to the application.

(20) An administrative procedure should be established within the Rincon Unit for obtaining approval for subsequently downhole commingled wells without notice and hearing, provided however that, all provisions contained within Rule No. 303(C) of the Division Rules and Regulations, with the exception of Part 1 (b)(v), are fully complied with.

(21) The proposed administrative procedure for obtaining approval for downhole commingling will allow the applicant the opportunity to recover additional gas reserves from the Rincon Unit Area which may otherwise not be recovered, thereby preventing waste, and will not violate correlative rights.

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IT IS THEREFORE ORDERED THAT:

(1) An administrative procedure for obtaining approval to downhole commingle wells within the Rincon Unit, located in portions of Townships 26 and 27 North, Ranges 6 and 7 West, NMPM, Rio Arriba County, New Mexico, is hereby established.

(2) In order to obtain Division authorization to downhole commingle wells within the Rincon Unit, the applicant shall file an application with the Santa Fe and Aztec Offices of the Division. Such application shall contain all of the information required under Rule No. 303(C) of the Division Rules and Regulations, provided however that the applicant shall not be required to provide notice to all interest owners within the Dakota, Mesaverde and/or Gallup Participating Areas in the Rincon Unit of such proposed commingling. In addition, the application shall contain evidence that all offset operators and the United States Bureau of Land Management (BLM) have been notified of the proposed commingling.

(3) Jurisdiction is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

WILLIAM J. LEMAY Director Firstname BANK OF AMERICA BUREAU OF LAND MANAGEMENT **BURLINGTON RESOURCES O&G CO** D A ABRAHAM LLC EDNA E MORRELL LIV TR 11-1073 **ELEANOR G HAND** FIRST NATL BK SANTA FE AGENT HARCO LTD PARTNERSHIP HARRINGTON ENERGY RESOURCES LTD HARRINGTON SOUTHWEST ENERGY LTD JAMES V HARRINGTON JUAN R MONTANO KATHLEEN EARNEST RIOS TRUSTEE LESLIE C TATUM LMA ROYALTIES LTD MARY F ROBERTS MARY JO WELLS MARY JONE CHAPPELL MIKE C ABRAHAM TRUSTEE PATRICIA ANN ASHBURN **PATRICIA P SCHIEFFER** PHILIP O MEADOWS & LEE D PURE RESOURCES LP **ROBBYE F BAKER ROBERT S TATUM TRUSTEE** SCOTT ANTHONY VENEZIA STEVE J ABRAHAM PERS REP **TEMPE LTD PARTNERSHIP TERRI GREENE LEAGUE TRUSTEE** THE FIRST NATIONAL BANK OF SANTA FE **UW FOSTER MORRELL DECD 11-1065**

Company F/A/O DEREK PETER VENEZIA FARMINGTON DIST OFFICE 801 CHERRY ST C/O KEVIN CHISHOLM CPA C/O NORWEST BANK NEW MEXICO NA 9 ANSLEY DR NE AMALIA SANCHEZ **PO BOX 216** PTRNSHP A NEW MEXICO LTD PTRNSHP PTRNSHP A NEW MEXICO LTD PTRNSHP 7 MANZANO RD **PO BOX 247 ROBERT P EARNEST & ANNA DOKUS** PO BOX 7392 PO BOX 1778 PO BOX 15940 5250 WOODLAWN AVE PO BOX 1865 PO BOX 25123 **46 CARIBE WAY 1000 BALLPARK WAY** MEADOWS PERS REP PO BOX 910552 P O BOX 12992 TATUM LIVING TR DTD 12/10/96 ACCT #02327-02361 - ACCT TYPE DDA MARY F ABRAHAM ESTATE C/O F E & M K HARRINGTON WILLIAM BURKE GREEN REVOC TRUST TRUST U/W MANUEL A SANCHEZ C/O NORWEST BANK NEW MEXICO NA