DATE IN 8	1/18	$\sqrt{\infty}$	SUSPENSE	9/7	100	INEER DC	LOGGED KW	THE DHC	
	/	 		////	<u> </u>				

ABOVE THIS LINE FOR DIVISION USE ONLY

23532975

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

2 Por

ADMINISTRATIVE APPLICATION COVERSHEET

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

Α	pp	lic	ati	on	Acr	on	yms	:
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[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]

[FOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response] [1] TYPE OF APPLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Directional Drilling **NSP NSL** DD SD Check One Only for [B] and [C] [B] Commingling - Storage - Measurement \bigvee DHC CTB **PLC** PC **OLS**

- [C] Injection Disposal Pressure Increase Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR
- WIX INX SWD IFI EOR FFR
- [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

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.

11 . 1				
		Note: Statemen must be completed by an i	ndividual with supervisory capacity.	
Peggy Cole	4.	Deggy (Blo	Regulatory/Compliance Administrator	
Print or Type Name	e	Signature	Title	Date

• District I

1625 N. French Drive, Hobbs, NM 88240

Form C-107A Revised May 15, 2000

District II

District III

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, New Mexico 87505

APPLICATION TYPE _X_ Single Well Establish Pre-Approved Pools

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE __X__ Yes ____No

Burlington Resources Oil and Operator	Add	reet, Farmington, New Mexico			
Richardson		- 10 - 31N - 12W Section-Township-Range	San Juan County, New Mexico County		
Lease			•		
OGRID No14538 Property	/ Code7422 API No30	0-045-24019 Lease Type:	_X_FederalStateFe		
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE		
Pool Name	Dusenberry Gallup		Basin Dakota		
Pool Code	76180		71599		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5944 - 6920'		7186 – 7410'		
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 – 1970 Original – 1970		Current – 714 Original – 1463		
Oil Gravity or Gas BTU (Degree API or Gas BTU)	970		1134		
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, applicant shall be required to attach production	Date: June 30, 2000	Date:	Date: March 2, 2000		
estimates and supporting data.)	Rates: 8 MCFD	Rates:	Rates: 77 MCFD		
Fixed Allocation Percentage (Note: If allocation is based upon something other	Oil Gas	Oil Gas	Oil Gas		
than current or past production, supporting data or explanation will be required.)	Supplied Upon Completion	% %	Supplied Upon Completion		
	ADDITIO	NAL DATA			
Are all working, royalty and overrid	ing royalty interests identical in all co	mmingled zones?	YesX No		
Are all produced fluids from all com	nmingled zones compatible with each of	other?	YesX No		
Will commingling decrease the valu	e of production?		Yes NoX_		
	with, state or federal lands, has either the Management been notified in writing		YesXNo		
NMOCD Reference Case No. applic	eable to this well:				
Production curve for each zone: For zones with no production hi Data to support allocation metho Notification list of working, roy	ningled showing its spacing unit and action at least one year. (If not available, story, estimated production rates and sod or formula. alty and overriding royalty interests for documents required to support com	attach explanation.) supporting data. or uncommon interest cases.			
	PRE-APPRO	OVED POOLS			
If application	n is to establish Pre-Approved Pools, the	he following additional information w	rill be required:		
List of all operators within the propo	hole commingling within the proposed osed Pre-Approved Pools coposed Pre-Approved Pools were pro				
I hereby certify that the informat	tion above is true and complete to	the best of my knowledge and beli	ief.		
SIGNATURE W	TITLE	Production Engineer	DATE 8.14.00		
nco TYPE OR PRINT NAME	Randy Buckley	TELEPHONE NO. (

_TELEPHONE NO. (__**505___)__326-9700**_

District II

PO Drawer DD, Artesia. NM 88211-0719
District III

1000 Rio Brazos Rd., Azzee, NM 87410

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

State of New Mexico

Form C-102
Revised February 21, 1994
Instructions on back

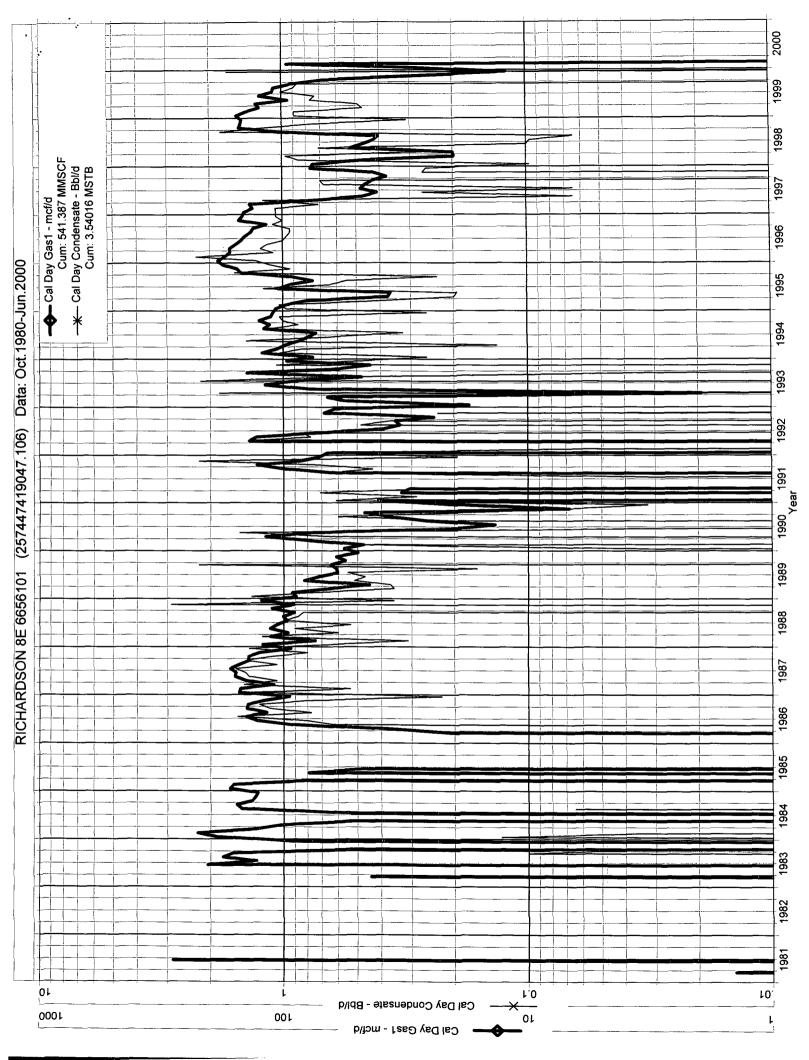
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

District IV PO Box 2008, Santa Fe, NM 87504-2008

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Dusenberry Gallup/Basin Dakota 76180/71599 30-045-24019 Well Number 8E * Property Code 7422 Property Name Richardson 1 Operator Name 'OGRID No. 6183' GR Burlington Resources Oil & Gas Company 14538 ¹⁰ Surface Location Township عاما اما Feet from the North/South line Feet from the East/West line Section Range County UL or lot no. 1590' 1070' 31N 12W North East SJ10 H 11 Bottom Hole Location If Different From Surface Lot Ida Feet from the North/South line Township Feet from the Range East/West line UL or lot no. Section County " Joint or infill 14 Consolidation Code | 15 Order No. "Pedicated Acres DK-E/320 NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 17 OPERATOR CERTIFICATION 16 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Original plat from Fred B. Kern Jr. 10-11-79 1070' Peggy Col atory Administrator 18SURVEYOR CERTIFICATION I hereby certify that the well location show 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 belief. Date of Survey Signature and Seal of Professional Surveyer:

Certificate Number



OIL CONSERVATION DIVISION

form C-107 kevised 10-1-78

P. O. BOX 2088

ANTA FE, NEW MEXICO 87501

·			et to from the				· · · · · · · · · · · · · · · · · · ·
Operator			Leas				Well No.
	SOUTHLAND ROYALTY COMPANY			RICHARDSO			8-E
Unit Letter	Section	Township	ļ	Range	°	ounty	
H	10	31N	<u>l</u>	12W		San Juan	
Actual Footage Loc 1590		North ,		1070	_	Foot	
Ground Level Elev.	feet from the Producing Fo		ine and Pool	7010	feet in	_{om the} East	line Dedicated Acreage:
6183		- Pictured		Basin -	Blanco	,	320 Acres
2. If more th	_	·	•	•		achure marks on th	
dated by c Yes If answer if this form if No allowab	No If a second in the second i	nswer is "yes;" owners and trace	e-pooling. et type of con ct descriptio	solidation _ ons which ha	ave actus	ally been consolida	all owners been consoli- ated. (Use reverse side of munitization, unitization, approved by the Commis-
							
	1					-1	CERTIFICATION
	- +			0 1590	1070'	Name L. O. Va Position Distric	ct Production Manager
3		Sec.				Date	and Royalty Company er 6, 1979
			10	·		shown on to notes of a under my s is true ar	certify that the well location this plat was plotted from field actual surveys mode by me or supervision, and that the some and correct to the best of my and belief.
	 					Date Surveyed Octobe Registered P and/or Land Frest	er 11 1979
						Certificat N	0.
330 860 ·9	P 1320 1680 1980	2310 2440	2000 18	1000	500	3950	THE S. NEWS

UNITED STATES **DEPARTMENT OF THE INTERIOR** BUREAU OF LAND MANAGEMENT



FOR APPROVED

OMB NO. 1004-0137

	Expires: December 31, 1991
j.	LEASE DESIGNATION AND SERIAL NO.
	SF-077651

VELL C	OMPLE	TION OR	RECOMPL	ETION R	EPC	ORT AND	LOG	*	6. IF INDI	AN, ALLOTT	EE OR TRIBE NAME
a. TYPE OF	WELL:	OIL WEL	GAS X	DRY	200	MAR 21	17N 1Z	: 55			
TYPE OF	COMPLETIC	NN:							7. UNIT A	GREEMEN	T NAME
. 11F2 OF	NEW	WORK TO DEE		DIFF.	070) FARMIN	NOTE.	NM	8. FARM	OR LEASE	NAME, WELL NO.
	WELL	OVER EN	BACK	RESVR	They i	, , , , , , , , , ,			Di.	chardson	#QE
NAME OF	OPERATOR								9. API W		#OL
			OIL & GAS CO	MPANY					30	-045-240	19
ADDRES	S AND TELE	PHONE NO.	•						10. FIELI	D AND POO	L, OR WILDCAT
		, Farmington, N)5) 326-970							Gallup/Basin Dakota
LOCATIO At surface		(<i>Report location o</i> O'FNL, 1070'FE	learly and in accord L	lance with any Si	tate req	uirements)***			1	, T., R., M., (AREA	OR BLOCK AND SURVEY
At top pro	d. interval re	ported below							Se	ec.10, T-3	1-N, R-12-W
At total de	epth										
			ſ	14. PERMIT NO).	DATE ISSUE	.D		12. COU	NTY OR	13. STATE
					1				_	RISH	Alam Manda
DATE CO	IDDED 146	DATE TO DELO	IED 117 DATE	COMPL. (Ready to	0000		10 ELE	ATIONS (DF, R		an Juan	New Mexico 19. ELEV. CASINGHEAD
5. DATE SPU 6-7-80	JUUEU 16.	DATE T.D. REACH		:3-00	<i>υ μισ</i> α.)			/ATIONS (DF, R 183' GR	IND, RI, BR	. 210.)	IS. ELEV. CASINGREAU
	PTH, MD &TV		G, BACK T.D., MD &TV		IPLE CC	MPL.,	23. INTE		ROTARY T	OOLS	CABLE TOOLS
					HOW M	ANY*	DRIL	LED BY	1		1
7450'			BP @ 7050'				<u> </u>		1	7450'	CTIONAL
. PRODUCT	ION INTERVA	IL (S) OF THIS COM	IPLETION-TOP, BOT	TOM, NAME (MD	AND TVI	-(ט			25	. WAS DIRE SURVEY	
5944- 69	20' Gallup										NO
		THER LOGS RUN							27. WAS V	VELL CORE	NO
	-Density, C	R-Induction		010015 55		5		-#\			110
8. CASING SIZ	FEDVOS I	MEICHT LO ET	I pressu per a			Report all strings		OFFICE RECO	OPD		AMOUNT PULLED
9 5/8"	EGRADE	WEIGHT, LB./FT. 32.3#	DEPTH SET (A		1/4"	TOPOFCEN	110 sx	MENTING REC	ORD .		AMOUNT OLLED
7*		23#	4929'		V4"		390 sx				
9.		,	RECORD			30.				NG RECO	
SIZE 4 1/2"	TOP (MD) 4761'	80TTOM (MD 7448'	SACKS CEMEN	NT" SCREEN	(MD)	2 3/8"		DEPTH SET		IBP @ 70	PACKER SET (MD)
7 1/2	4701	1440	31332			2 3/0		-			
PERFORA	TION RECOR	D (Interval, size and	number)	32.		ACI	ID, SHOT	, FRACTURE	CEMENT	SQUEEZE	, ETC.
44-5954',	5994-6004	', 6073-6083 <mark>',</mark> 6	2 <mark>20-6230</mark> ′, 6280	- DEP	TH INTE	RVAL (MD)					TERIAL USED
90', 6340-	-6350', 690	0-6920'			44-608			bl 35# inr ge			
					20-635			1 25# Inr gel			
				<u> </u>	00-692			1 25# Inr gel			ady snd , .4% Halad-344,
				30	z noie	s @ 7120'		CFR-31%			,, v : (wiww-017,
3.						ODUCTION					
TE FIRST P	RODUCTION	PRO	DUCTION METHOD (umping-	size and type of p	ump)		1		S (Producing or shutain)
TE OF TEST		HOURS TESTED	CHOKE SIZE	Flowing PROD'N FOR	OIL-B	.6)	GAS-N	CE	WATER		IGAS-OIL RATIO
-1E UP 1E31		HOURS IESTED	CHUKE SIZE	TEST PERIOD	UIL8	DL		·O-	I	-JOC	SANCIE (VIII)
3-13-00							123 Pi	tot gauge			
OW. TUBING	PRESS.	CASING PRESSUR	CALCULATED	CIL-BBL		GAS-MCF	1	WATER-8	BL		OIL GRAVITY-API (CORR.)
SI 480		SI 490	24-HOUR RATE	1		1	ļ				
4 DISPOSIT	TON OF GAS	Sold, used for fuel.	ventea, etc.)	L		I			T	EST WITNES	SED BY
		To be sold									
	TTACULATERIT	S									
35. LIST OF A	() IACHMENI	None									
		None oregoing and attach	ed information is comp	piete and correct a	s determ	nined from all avail	iable recor	ds			
		oregoing and attach		piete and correct a	s determ	nined from all avail	iable recor	ds			
						nined from all avail	iable recor	ds	DATE 3		≈/ED-GAP-PEA/

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 MAR 2 7 2000 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

SUBMIT IN DUE TED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

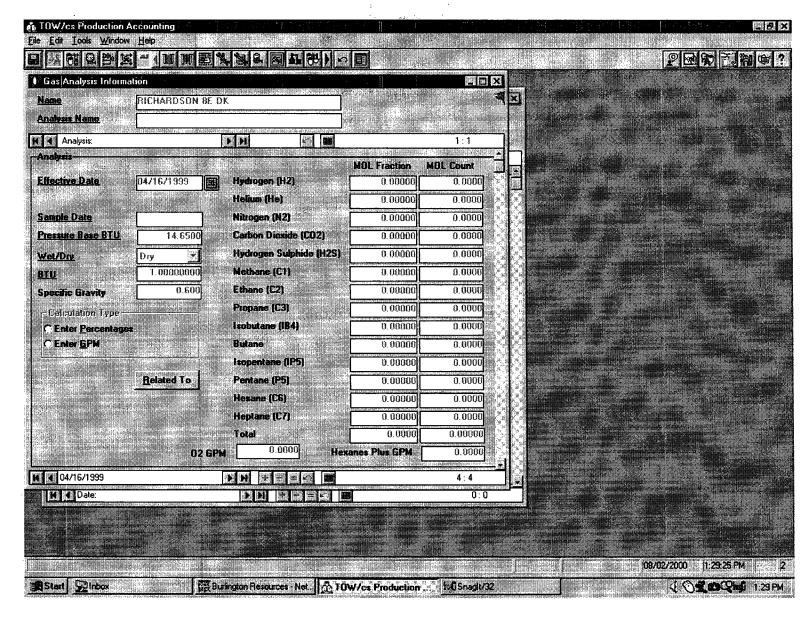
st. uctions on reverse side)

Form approved. Budget Bureau No. 42-R855.5.

Follow Later Court

	5.	LEASE	DESIGNATION	AND	BERIAL	N
1	SF	' -077	651			

										SF-0//0.		
WELL CO	MPLETIC	N OF	RECOM	IPLET	ION F	REPORT	AND	LO	3*	6. IF INDIAN	i, ALLO	TTEE OR TRIBE NAME
1a. TYPE OF WEI	LL:	OIL WELL	GAS X		RY 🗌	Other				7. UNIT AGR	EEMEN	T NAME
b. TYPE OF COM		WELL C	, well es		<u></u>	Otaci						
NEW X	WORK OVER	DEEP-	PLUG E	DIF.	VR.	Other	RE	CEI	VED	S. FARM OR	LEASE	NAME
2. NAME OF OPERA					-		חר	. 0 0 0	1000	Richard:	son	
Southland F	oyalty C	ompany	Y		1.			C 29		0. 11222 110.		
3. ADDRESS OF OPE	RATOR		, , , , , , , , , , , , , , , , , , , ,				CADM	INGTON	DISTRIC	#8E		
P. O. Drawe	r 570, F	arming	gton, NM	874	01 /	-	FARM	INGTON	Diotini	10. FIELD A	ND POO	L, OR WILDCAT
P. O. Drawe 4. LOCATION OF WE At surface	LL (Report loc	cation cle	arly and in ac	cordanc	e with an	y State requir	en ent	X*/	*13.	Basin Da	akota	a
					1				الر	11. SEC., T., OR AREA		OR BLOCK AND SURVEY
1590' FNL &					1	DEC	22	1980				
					ļ				- 1	Sec 10	<u>.</u> т.з.	lN, Rl2W
At total depth						U. S. GEOL	Q <u>qiq</u> a	Laue		12. COUNTY	·	13. STATE
				14. PE	RMIT NO.	FARMIN	TON,	N. A.	ey	PARISH		
	1.20				(Bandu A	I		-		San Juar		NM ELEV. CASINGHEAD
15. DATE SPUDDED			D 17. DATE			18.	. ELEVA			RT, GR, ETC.)*	13.	ELEV. CASINGIDAD
6-7-80 20. TOTAL DEPTH, MD	7-3-		K T.D., MD & T	10-1		TIPLE COMPL.,		6183 23. INTE		ROTARY TOO) I.S	CABLE TOOLS
	& 1VD 21.	-		" "	HOW M		' I		LED BY		1	
74501 24. PRODUCING INTER	PVAL(S) OF T	7420		BOTTOM	NAME (N	(D AND TVD)*			<u>→ </u>	0'-7450		, WAS DIRECTIONAL
			LETIONIOF,	D0110.m,								SURVEY MADE
Dakota: 71	.86 ' - 74	10.										eviation
26. TYPE ELECTRIC	AND OTHER LO	GS RUN				······································						AS WELL CORED
			rtion								No	1
IES, GR-Den	SILY, GR	-Indu		G RECO)RD (Rep	ort all strings	set in	well)		<u></u>		<u> </u>
CASING SIZE	WEIGHT,	LB./FT.	DEPTH SET			LE SIZE			ENTING	RECORD		AMOUNT PULLED
9 5/8"	32.3	0#	218'		12	1/4"		110 s	sacks			
7"	23#		4929			3/4"		390 s	5X			
29.		LINE	R RECORD					30.	7	UBING REC	ORD	
SIZE	TOP (MD)			SACKS C		SCREEN (MI		SIZE		DEPTH SET (M	(D)	PACKER SET (MD)
4 1/2"	4761'	74	448'	31	5	******		2 3/8'	<u>'</u>	7393'		
						·				···		
31. PERFORATION REC					86',	32.	ACII	D, SHOT,	FRACT	URE, CEMEN	r squ	EEZE, ETC.
7193', 7200'					2',	DEPTH INT						MATERIAL USED
7295', 7304'	, 7356',	7401	', 7410'.	•		7186'-	/4 <u>1</u> 0			295 gals		
(12 holes)									38,	860# 20/	10 S	1.
							·····					
33.*	····		· · · · · · · · · · · · · · · · · · ·		DPC-F	UCTION		<u></u>				
DATE FIRST PRODUCT	ION PF	RODUCTION	METHOD (Fl	owing, g			and tu	pe of pum	(a)	WELL	STATU	s (Producing or
			·	Flow	_	• • • • •					t-in)	ut-in
DATE OF TEST	HOURS TEST	ED C	HOKE SIZE		N. FOR	OIL-BBL.		GASMC	F.	WATER-BBI		GAS-OIL RATIO
10-20-80	24 hr	_		TEST	PERIOD	1	1			1	- 1	
FLOW. TUBING PRESS.	CASING PRES	SURE C	ALCULATED	OIL-	BBL.	GAS)	MCF.		WATER-	-BBL,	OIL G	RAVITT-API (CORR.)
		2	4-HOUR RATE			PTG 2	217 1	MCF				
34. DISPOSITION OF G	AS (Sold, used	for fuel,	vented, etc.)	<u> </u>		1-10 .				TEST WITNES	SED B	<u> </u>
Sold										Leroy Ca	astle	eman
35. LIST OF ATTACH	MENT8			,					·			~ ~~~
										7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		io ron reconi
36. I hereby certify	that the fores	going and	attached info	rmation	is compl	ete and corre	ct as c	determine	d from	all available r	ecords	
SIGNED	(Kan	1 /6	im_	mr	mr Dis	strict Pi	coduc	ction	Mana	ger	12	-16-8 0 080
					1 1 1 1 4							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1



Richardson #8E

Bottom Hole Pressures Flowing and Static BHP Cullender and Smith Method Version 1.0 3/13/94

MANCOS	DAKOTA DK-Current				
MN-Current					
GAS GRAVITY COND. OR MISC. (C/M) %N2 0.11 %CO2 0.44 %H2S 0 DIAMETER (IN) 1.995 DEPTH (FT) 8052 SURFACE TEMPERATURE (DEG F) BOTTOMHOLE TEMPERATURE (DEG F) 137 FLOWRATE (MCFPD) SURFACE PRESSURE (PSIA) 1615 BOTTOMHOLE PRESSURE (PSIA) 1970.9	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)	0.687 C 0.26 2.44 0 1.995 7289 60 198 0 600			
MN-Original	DK-Original				
GAS GRAVITY COND. OR MISC. (C/M) %N2 0.11 %CO2 0.44 %H2S 0 DIAMETER (IN) DEPTH (FT) SURFACE TEMPERATURE (DEG F) BOTTOMHOLE TEMPERATURE (DEG F) SURFACE PRESSURE (PSIA) BOTTOMHOLE PRESSURE (PSIA) 1970.0	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)	0.687 C 0.26 2.44 0 1.995 7289 60 198 0 1211			

T31N - R12W

					
1M MM 9721	№ 9A (020302-1)	16 020302-1(D) hade	548.22 P.A. 120 20337 - 120 21 (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	MM9178 020379-1 020383-1	3 ^{1-A} 020263-1 13 020286-1 020263-
MM 9721 MM 4561(MD)M/2 1 MM 4561(MD)M/2 1	NBM 4561 SPZ 1E (450)		12	1 572 P 639 1 572	2A
Mcdumill (MD)N/2	(M)W/2 E/2 E/2 EV2 I	"	∆)	H-Abd.	1 1 6
NSM 9721	(0)W/2 5 285	4	3	2 Goulding 020386-1 (Mar2 36) 022	(P)
	9 1111	Newberry Ls.(M)W/2	M	IA Pro	llerson 13E SVI 2 SSS /
SS		(AMOCO) 572	. 1 699 <u></u> .∞a.		
M Culpepper Martin(F) Capper Mountain(MD)	Newberry(M)W/2 Newberry Ls.(M) Mitchell(D)W/2 Newberry Com.(D)	Outpepper MV	ьст, од в темпера	Pollerson P'Com.(NO) Pollerson A'Co	•
MM 9721	MARATHON(M)W/2(FC) AMOCO 1	Marlin(0)W/2 Newberry(M0)E/2M A AMOCO 2E MM4548(M)N/2 MESA(0)E/2 4A & & 8	00 00 00 00 00 00 00 00 00 00 00 00 00		
² ₩	COLUMBUS ENG.(CO) W/2	\$ 44 ESA(U)E/2	500 10 60±	7 020263-1 <mark>62</mark> A	020263-1 6A 9E
28 L 23	™ M		83° (83)		8 € 83 ° 6 83 ° 6 8 8 ° 6 8 ° 6 ° 6 ° 6 ° 6 ° 6 ° 6 °
Culpepper Martin 4	ا د ا		_		1
COLUMBUS ENERGY 15	1 16 8 1 8 1 1	9	10	11	12
	×	Mewberry(M)E,	/2 10E PXSI 4A 8	IA 7E nrac#A	10-E 25 25 44 65 44 65 44 65 44 65 44 65 44 65 44 65 44 65 45 45 45 45 45 45 45 45 45 45 45 45 45
Ovens(N) SS Gross(D)(ND)5/2	₩ 198	8 8 ∞	1 4 60	1 200 8 2	₩ ₩
	Onio D'Gov'L(M)W/2(FC) Memberry Ls.(M) Leads(GD)W/2 Newberry'A'(D)	Memberry Ls.(N)W/2 Chake Cherry Memberry A (D)W/2 Can pon(D)E/2	P	F SS 69 Dovis Kd Abd. '97	Dovis
(COLUMBUS ENG.) MARATHON(M) SNYDER OIL ME COLUMBUS ENG.(D)	NM 4564(M) AMOCO	(NM 236) AMOCO (NM 236)	### ##################################	- AAAAR Y	020206 1
∯ 68 9'	GREAT(D)W/2 6 WESTERN 1.3A ORILLING	1 1 1	J 2266.2	7 020261-1 020263	-1 se \$ 020285-1
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Form C-105 Revised 1-1-89

State Lease - 6 copies Fee Lease - 5 copies DISTRICT I

80, Hobbs, NM 88240	OII	CONSERVATION DIVISION
50, MUDDS, 14141 66240	VIL	CONSERVATION DIVISION

P.O. Box 198 DISTRICT II

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P. O. Box 2089

WELL API NO. 30-045-21319

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E. Type Of COMPLETION MeV WELL WORK OVER DEEPER BACK DIFF RESUR X OTHER 2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY 3. Address of Operator PO BOX 4259, Farmington, NM 87499 4. Well Location Unit Letter B : 825 Feet From The North Line and 1850 Feet From The East Line Section 25 Township 32N Range 7W NNPM San Juan County, NM 10. Date Spudded 110-26-73 11. Date T.D. Reached 12. Date Complete (Ready to Proof.) 13. Elevations (DFRKR, RT, GR. etc.) 14. Elev. Cashiphead 10-26-73 11. Type Back T.D. 11. Flaug Back T.D. 11. Well-location Nemy Zones 7 Nn NNPM San Juan County, NM 10. Date Spudded 110-26-73 11. Type Back T.D. 11. Well-location Nemy Zones 7 Nn NNPM San Juan County, NM 10. Date Spudded 110-26-73 11. Type Back T.D. 11. Well-location Nemy Zones 7 Nn NNPM San Juan County, NM 10. Date Spudded 110-26-73 11. Type Back T.D. 11. Well-location Nemy Zones 7 Nn NNPM San Juan County, NM 10. Date Spudded 110-26-73 11. Type Back T.D. 11. Well-location Nemy Zones 7 Nn NNPM San Juan County, NM 10. Date Spudded 110-26-73 11. Type Back T.D. 11. Well-location Nemy Zones 7 Nn NNPM San Juan County, NM 10. Date Spudded 110-26-73 11. Type Back T.D. 11. Well-location Nemy Zones 7 Nn NNPM San Juan County, NM 10. Date Spudded 110-26-73 11. Type Back T.D. 11. Well-location Nemy Zones 7 Nn NNPM San Juan County, NM 10. Date Spudded 110-26-73 10. Date Spudded 110-26-73 11. Type Back T.D. 11. Well-location Nemy Zones 7 Nn NNPM San Juan County, NM 10. Date Spudded 110-26-73 10. Date Spudded 110-26-73 11. Type Back T.D. 11. Well-location Number 120 10. Date Spudded 110-26-73 11. Type Back T.D. 11. Well-location Number 120 10. Date Spudded 110-26-73 11. Type Back T.D. 11. Well-location Number 120 10. Date Spudded 110-26-73 11. Date Spudded 110-26-73 11. Date Spudded 110-26-73 11. Date Spudded 110-26-73 12. Vers Directional Survey Made Number 120 12. Well-Printing Section Number 120 13. Well-Printing Number 120 14. Type Back T.D. 11. Well-location Number 120 15. Elevation Number 120 16.		GA	S WELL	X	DRY	OTHER						-	GIRETIL HATTIE
NELL WORK OPER DEEPEN BACK DEFFER SWY X OTHER 2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY 1. Veil INc. 1. North RESOURCES OIL & GAS COMPANY 1. Veil Inc. 1. Address of Operator PO BOX 4289, Farmington, NM 87499 1. Well Location Until Letter B : 825 Feet From The North Line and 1850 Feet From The East Line Section 25 Township 329 Range TW NNPM San Juan County, NM 10. Date Spaddad 11, Date T.D. Reached 12. Date Compt. (Ready in Priod.) 13. Elevations (CH-40'KB, RT, CR, etc.) 14. Elev. Clasinghead 645' GL 10. Date Spaddad 11, Date T.D. Reached 12. Date Compt. (Ready in Priod.) 13. Elevations (CH-40'KB, RT, CR, etc.) 14. Elev. Clasinghead 645' GL 10. Date Spaddad 11, Date T.D. Reached 12. Date Compt. (Ready in Priod.) 13. Elevations (CH-40'KB, RT, CR, etc.) 14. Elev. Clasinghead 645' GL 10. Date Spaddad 11, Date T.D. Reached 12. Date Compt. (Ready in Priod.) 15. Elevations (CH-40'KB, RT, CR, etc.) 14. Elev. Clasinghead 645' GL 10. Date Spaddad 11, Date T.D. Reached 12. Date Compt. (Ready in Priod.) 15. Elevations (CH-40'KB, RT, CR, etc.) 14. Elev. Clasinghead 645' GL 10. Date Spaddad 11, Date T.D. Reached 12. Date Compt. (Ready in Priod.) 15. Elevations (CH-40'KB, RT, CR, etc.) 14. Elev. Clasinghead 645' GL 10. Date Spaddad 11, Date T.D. Reached 12. Date Compt. (Ready in Priod.) 15. Elevations (CH-40'KB, RT, CR, etc.) 14. Elev. Clasinghead 645' GL 10. Date Spaddad 11, Date T.D. Reached 12. Date Compt. (Ready in Priod.) 15. Elevations (CH-40'KB, RT, CR, etc.) 14. Elev. Clasinghead 645' GL 10. Date Spaddad 11, Date T.D. Reached 12. Date Compt. (Ready in Priod.) 15. Elevations (CH-40'KB, RT, CR, etc.) 14. Elev. Clasinghead 645' GL 10. Date Spaddad 11, Date T.D. Reached 12. Date Compt. (Ready in Priod.) 15. Elevations (CH-40'KB, RT, CR, etc.) 14. Elev. Clasinghead 645' GL 10. Date Spaddad 11, Date T.D. Reached 12. Date Compt. (Ready in Priod.) 15. Elevations (CH-40'KB, RT, CR, etc.) 14. Elev. Clasinghead 645' GL 10. Date Spaddad 11, Date T.D. Reached 12. Date Compt. (Ready in Priod.) 15.													
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19. Producting Interval(s), of this completion - Top, Bottom, Name 6605-7640' Gallup 21. Type Electric and Other Logs Run GR-CCL-CBL 22. Was Well Cored No No 22. Was Well Cored No No 23. CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT LB/FT. DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PULLED 9 5/8 32.3# 233' 13 3/4" 225 cu. ft. 4 1/2 11.6#/10.5# 8093' 6 1/4" 265 cu. ft. 4 1/2 11.6#/10.5# 8093' 6 1/4" 27. Cu. ft. 24. LINER RECORD SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET 25. TUBING RECORD SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET 26. Perforation record (interval, size, and number) 6605-10, 670-75', 5860-85', 7025-30', 7085-90', 7170-75', 750-60', 7620-7640' 28. PRODUCTION Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) SI SI Date of Test 6-28-00 Flow Tubing Press. SI 1615	15. Total Depth		16. Plug	g Back T.D.	ľ		pl. How	18. Inter	vals	Rotary Tools		Cable Tools	
10. Producing Interval(s), of this completion - Top, Bottom, Name			·			Many Zones?		Dril	- 1				
21. Type Electric and Other Logs Run 22. Was Well Cored No								<u> </u>					
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23. CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT LB/FT. DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PULLED 9 5/8 32.3# 233' 13 3/4" 2265 cu. ft. 7 20# 3584' 8 3/4" 2265 cu. ft. 4 1/2 11.6#/10.5# 8093' 6 1/4" 677 cu. ft. 24. LINER RECORD SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET 2 3/8 7672' 26. Perforation record (interval, size, and number) 2 3/8 7672' 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 6605-10', 6770-75', 6860-65', 7025-30', 7085-90', 7170-75', 7620-7640' 1116 bbl 35# hilbor gel wtr, 100,000# 20/40 Brady sand. 28. PRODUCTION Date of Test Hours Tested Choke Size Prod'n for OII - Bbl. Gas - MCF Weter - Bbl. Gas - OII Ratio Flowing Press. Si 1615 SI 1615 Hour Rate Hour	* *	Other Log	gs Run										ľ
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Date of Test		·	Doord	Walland Value	-1 / C / - · · · ·						101	/	
Flow Tubing Press. Casing Pressure Calculated 24- Oil - Bbl Gas - MCF Water - Bbl Oil Gravity - API - (Corr.) SI 1615 SI 1615 Hour Rate 409 Pitot gauge 29. Disposition of Gas (Sold, used for fuel, vented, etc.) To be sold 30. List Attachments None 31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief	Flowing SI												
Flow Tubing Press. Casing Pressure Calculated 24- Oil - Bbl Gas - MCF Water - Bbl Oil Gravity - API - (Corr.) SI 1615 SI 1615 Hour Rate 409 Pitot gauge 29. Disposition of Gas (Sold, used for fuel, vented, etc.) To be sold 30. List Attachments None 31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed	Date of Test	Hours Tes	sted	Choke Size	Prod'n for	Oil -	Bbl.	Gas	- MCF	Water - E	Bbl.	G	as - Oil Ratio
SI 1615 SI 1615 Hour Rate 409 Pitot gauge Test Witnessed By To be sold 30. List Attachments None 31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief	6-28-00				Test Period			1				<u>l</u>	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) To be sold 30. List Attachments None 31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief	Flow Tubing Press.	Casing Pr	ressure	Calculated 2	4-	Oil - Bbl	Gas	- MCF	Wat	ter - Bbl	Oil Gravity	/ - API - (<i>Corr.</i>)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) To be sold 30. List Attachments None 31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed	SI 1615	SI 16	615	Hour Rate	- 1		409 Pite	ot gauge					
30. List Attachments None 31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed	29, Disposition of Ga	s (Sold, us	sed for fuel,	, vented, etc.)		·		A	Test Witness	ed By		
None 31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed	•	To be	e sold								•		
31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief	30. List Attachments	None								-			
. 110	31. I hereby certify th			own on both			nd comple	te to the be	est of my kr	nowledge and i	belief		······································
Date 7-500													

District I D'BOX 1980. Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Azice, NM 87410

PO Box 2088, Santa Fc. NM 87504-2088

District IV

State of New Mexico
Energy, Minerals & Natural Resources Department

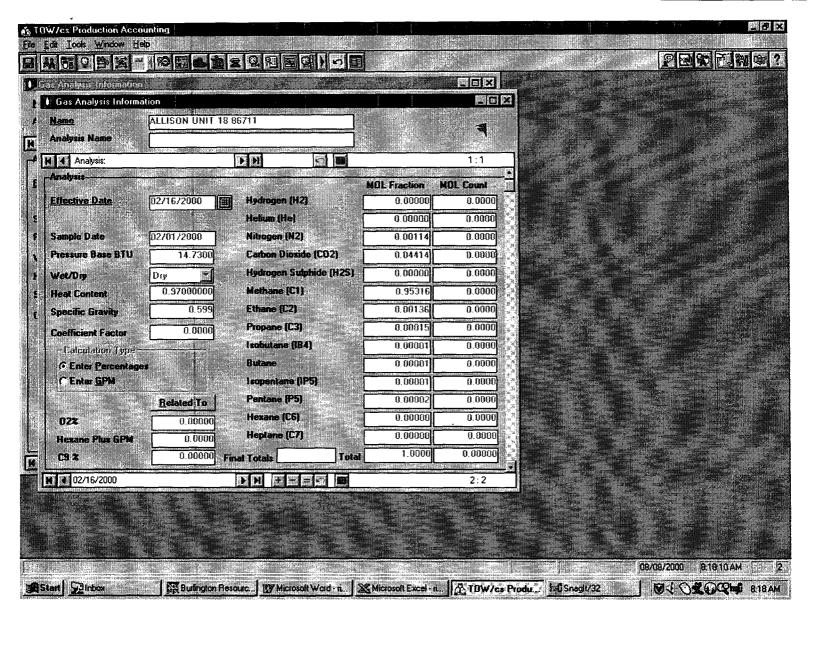
OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Revised February 21, 1994 Instructions on back Submit to Appropriate District Office

State Lease - 4 Copies
Fee Lease - 3 Copies

■ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number			¹ Pool Code			32007WZ50; Pool Name				
30-04			970	06/71		ldcat Gallu			ı	
Property (. /	* Property	Name /	D.// DASIII I	Jakula		Well Number
6784					Allison	n Unit			18	
'OGRID	No.				1 Operato	r Name		***		* Elevation
14538		Bur	clingt	on Re	sources (Oil & Cas C	ompany		645	1' GR
14538 Burlington Resources Oil & Gas Company 6451' GR 10 Surface Location										
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/Wes	t line	County
В	25	32N	7W		825'	North	1850'	East		SJ
			11 Bot	tom Hol	e Location	If Different Fr	om Surface			
UL or lot no.	Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	East/Wes	st line	County
"Gall-160		or infill 14 C	onsolidatio	n Code 15 (Order No.		 	· I · · · · · · · · · · · · · · · · · ·		
DK-N/32		WITT DE A	SSIGNE	D TO TH	IS COMPLET	ION UNTIL ALL	INTEDESTS I	JAVE DE	EN CO	NSOI IDATED
NO ALLOY	MADLE					BEEN APPROVED			EN CO	MOULINATED
16				-					CER'	TIFICATION
				11	Š		1 18			contained herein is
1					S)		true and con	mplete to the	best of my	knowledge and belief
						<u> </u>				
l]		1850			1	
							A.	ا د ده	[<i>i</i> ,
				1			Signature	Charles !	<u> - 0 - 7 -</u>	
								y Cole	<u> </u>	
				l _i			Printed Na			
		1					Title Regu	latory		
				l _i			1/11	1-2	600	<u> </u>
				_		<u> </u>	Date			
				a con	D. 12 (2 20 2 18)	(P.)	18SUR	VEYOR	CER	TIFICATION
					2000	F)	I hereby cei	rify that the	well location	on shown on this plat
				122	JAN 2000		or under m	from field no y supervision	nes of acti , and that	ial surveys made by me the same is true and
Origin	al pl	at from	n 		SECEN D	M 3		re best of my		
Fred B	. Ker	r Jr. 8	3-4-/3		OIL COIN 3	0)	<u> </u>			
		<u> </u>		160	JAN 2000 RECEIVED ON CON DIST. 3	6789	Date of Sur	rvey nd Seal of Pr	nfassion=l	Surveyer
				1 4	JAN 2000 RECEIVED ON ON DIST. 3	W. S. P.	organie a	na stat Vi Pi	~1 	
1					المرازال المراز	7				
		1				:				
#										
0		1		1.		Ī	Certificate	Number		



l % He	O	Ö		0	0
% H2 Mo	0		0	0	0
14.73) Mol	1263	1036			
actor (BTU/CF at 1	1241.041	1036	1038.623	1034	1155
73) Dry BTU F)41	988	523	1016.023	:
BTU/CF at 14.	1241.(1017.9	1038.623	1016.02	
It BTU Factor (1134.919
emperature We	09	09		: : :	8
1 Pressure Test Te		14.73	14.73		14.73
n Sample Date Tes				19960607	
Formation	K	Ճ	눔		舌
) 			~ 各	圣
Well	SAN JUAN 27-4 UNIT 57 (DK	28-5 UNIT 75 (SAN JUAN 28-5 UNIT 82 (DK)	SAN JUAN 28-5 UNIT 63E (DK	RICHARDSON 8E (DK)
nber					
Meter Nui	87315	5174801 75901	5229101 87065	95547	34842
Al Numbel	4403701	5174801	5229101	5433001	6656101

ific Gravity	0.732	0.596			0.687
vity Calculated Sper	0	0 0.596	0	0	0.687
asured Specific Gra		0		0	0.95 0.23 0.15 0 0.14 0
01 % C7 Field Me.	0	0	0	0	0
Mol % C6+ Mo	0.43	0 0.13	0.25	0.12	0.14
NGS MOI % CE	0.56	0.02	0.05 0	0.02 0	0.15 0
Vol % IC5 Mol %	0.57	0.05	0.11		0.23 0.15
Mol % NC4	1.27	0.06			
C3 Mol % IC4	4.61 0.73	0.11		0.34 0.1	3.34 0.66
ol % C2 Mol %	12.03				
Mol % C1 M	78.61			95.1	83.58
2S Mol % CO2	0 0.95	0 1.61		0	
% O2 Mol % H	0	0	0	0	0
Mol % N2 Mol	0.24	0.11	0.11	0.11	0.26

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