## Submit to Appropriate

## State of New Mexico Energy, Minerals and Natural Resources Department

District Office State Lease - 6 copies Fee Lease - 5 copies

<u>DISTRICT I</u>
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

Form C-105 Revised 1-1-89

.O. Box 1900, 110005, 1	111 00270		CNO	ELAN	I ION DI	v 1310	14		۱۷	VELL API	NU.			
ISTRICT II P. O. Box 2089								30-045-30209						
P.O. Drawer DD, Artesia, NM 88210 Santa Fe, New Mexico 87504-2088								5. Indicate Type of Lease STATE FEE X						
ISTRICT III 200 Rio Brazos Rd., Az	tec, NM 87410									6. State C	il & Gas Lease No.			
VELL COMPL	ETION O	REC	OMP	LETIO	N REPOR	RT AN	D LOG							
1a. TYPE OF WELL:										Name or Unit Agree	ement Name			
OIL WELL	GAS WE	τX	D	RY	OTHER _			ı		Hartr	nan Com			
	ORK	EPEN _	PLUG BACK		DIFF RESVR		OTHER _			÷,				
Name of Operator     BURLINGTON RESOURCES OIL & GAS COMPANY								8. Well No. 4B						
<ol><li>Address of Operat PO BOX 4289,</li></ol>		IM 87/00	۵.							Pool name or Wildcat     Blanco Mesaverde				
4. Well Location	rannington, i	IN 0743	<del>-</del>							Dian	oo Mesaverde			
Unit Lette	er <u>G</u> :	1400	Feet F	rom The	North		Line and _		2295	Feet	From The	East Line		
Section	26		Towns	ship 3	ON	Range	11W		NMPM	San	Juan County, NM	1		
10. Date Spudded	11. Date T.C		d 1		ompl. (Ready t	to Prod.)	1			, etc.)	14. Elev. Casinghe	ad		
12-12-00	12-16-	00 Plug Bac	<u> </u>	1-14	-01 f Multiple Com	ni How	18. Inter	<del></del>	5957'KB Rotary Tools		Cable Tools	<del></del>		
15. Total Depth	10.	Plug bac	X 1.D.		Many Zones?	рі. пом	1	ed By	`	'	Cable Tools			
5150'		5149							0-5150'					
19. Producing Interval 4262-4964' Me		oletion - To	op, Botto	m, Name					20. Was Dire	irectional Survey Made No				
21. Type Electric and		1		<del></del>					22. Was We					
CBL-GR-CCL										NO	_			
23.		CA	SING	RECO	RD (Rep	ort al	string	s set i	n well)					
CASING SIZE		HT LB/F	Т.		TH SET		HOLE SIZE			MENTING	AMOUNT PULLED			
9 5/8	32.3# 20-23			221' 2685'		12 1/4 8 3/4			254 cu. 904 cu.			<u> </u>		
<u>7</u> 4 1/2	10.5#			510		6 1/4			393 cu. ft.					
24.			ER RE	CORD		·			25.		TUBING REC	ORD		
SIZE	TO			TOM	SACKS CE	MENT	SCR	EEN	Siz	Æ	DEPTH SET	PACKER SET		
									2 3/8		4938'	SN @ 4906'		
26. Perforation									MENT, SQU			· · · · · · · · · · · · · · · · · · ·		
4262, 4266, 42						TH INTER				AND KIND MATERIAL USED  00,000# 20/40 Brady sand.				
							100,000# 20/40 Brady sand.							
4691, 4702, 47									•					
4796, 4809, 48											•			
4917, 4922, 49	42, 4946, <b>49</b> 0	<u>54.</u>									·			
28.		D. J. F.	<b>- 11</b> - 45 -			UCTI			1 10	Inil Ctotus	(Dead or Shirt in)			
Date First Production Production Method (Flowing, gas lift, pumpin Flowing					ng - Size and type pump)				Well Status (Prod. or Shut-in) SI					
Date of Test	Hours Tested	Cho	ke Size	Prod'n for Test Period		Bbl.	Gas	- MCF	Water	- Bbl.	G	as - Oil Ratio		
Flow Tubing Press.	Casing Pressu	re Cak	culated 2	4-	Oil - Bbl	Ga	s - MCF	Wa	ater - Bbl	Oil Gravit	y - API - (Corr. )			
SI 710	Hour Pata													
29. Disposition of Ga			nted, etc.	)					Test Witne	ssed By				
30. List Attachments					<u> </u>	-	·	-	1					
31. I hereby certify-t		ion showp	pn both	sides of this	s form is true a	nd comp	lete to the b	est of my l	knowledge an	d belief				
Signature	Von	/	e de	Prir	nted me Peggy (			Title	Regulato		visor	Date 1-26-01		
J.g.,	44444				-557			-						

## **INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE.

T. Wolfcamp T. T. Chinle T.	Southeastern New Mexico				Northwestern New Mexico								
Salt	T Anhy		T. Canyon	Т	. Oio Alamo	1	1002'	T.	Penn. "B"				
3. Salt	T Salt						0-1780'						
T. Yelses					. Pictured Cliffs	2386'	T. Penn. "D"						
T. Rivers							3915'	T.	Leadville				
T. Gueben	T 7 Rivers T. Devonian			Ţ	T. Menefee		1051'	T.	Madison				
T. Montoya	T Queen T. Silurian							T. Elbert					
T. Sain Andres					T. Mancos				T. McCracken				
T. Glorieta					T. Gallup				T. Ignacio Otzte				
T. Paddock								T.	. Granite _				
T. Gir Wash   T. Gor Wash   T. Morrison   T. Hrifnito, Bril.   3122"   T. Tubb   T. Delaware Sand   T. Todilto   T. Chacra   3381"   T. Todilto   T. Chacra   3381"   T. Abo   T. Delaware Sand   T. Todilto   T. Chacra   3381"   T. Abo   T. Delaware Sand   T. Mingate   T. Chacra   T. Worldamp   T. T. Chinle   T. T. T. Worldamp   T. T. Delaware   T. T. Permian   T. T. T. Permian   T. T. T. Permian   T. T. T. T. Permian   T. T. T. T. T. T. Permian   T.									. Lewis	2464'			
T. Dubb			T. Gr. Wash	٦.	T. Morrison					3122'			
T. Drinkard   T. Bone Springs   T. Entrada   T. Graneros   T. Abo   T.   T. Wingate   T.   T. Wingate   T.   T.   T. Wingate   T.   T.   T.   T.   T.   T.   T.   T									_				
T. Wolfcamp		d	T. Bone Springs	T. Entrada									
T. Wolfcamp   T.   T. Permian   T.   T. Permian   T.	T. Abo				T. Wingate			Т	•				
T. Cisco (Bough C)	_	mp	т.					-	·				
T.   Cisco (Bough C)	T. Penn		Т.	•	T. Permian			Ŧ	•	·			
No. 1, from		Bough C)	Т.	•	T. Penn "A"			Т					
No. 2, from to No. 4, from to IMPORTANT WATER SANDS  Include data on rate of water inflow and elevation to which water rose in hole.  No. 1, from to feet  No. 2, from to feet  No. 3, from to Lithology RECORD (Attach additional sheet if necessary)  From To Lithology From To Thicknes in Feet  1100' 1780' Gry sh interbedded w/tight, gry, fine-gr ss.  1780' 2386' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.  1780' 2386' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.  1780' 3381' White, waxy chalky bentonite  3381' 3915' Gry fin grn silty, glauconitic sd stone w/drk gry shale  3915' 4051' ss. Gry, fine-grn, dense sil ss.  4671' 5150' Med-dark gry, fine gr ss w/ frequent sh breaks in lower part of													
No. 2, from to No. 4, from to IMPORTANT WATER SANDS  Include data on rate of water inflow and elevation to which water rose in hole.  No. 1, from to feet  No. 2, from to feet  No. 3, from to Lithology RECORD (Attach additional sheet if necessary)  From To Lithology From To Thicknes in Feet  1100' 1780' Gry sh interbedded w/tight, gry, fine-gr ss.  1780' 2386' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.  1780' 2386' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.  1780' 3381' White, waxy chalky bentonite  3381' 3915' Gry fin grn silty, glauconitic sd stone w/drk gry shale  3915' 4051' ss. Gry, fine-grn, dense sil ss.  4671' 5150' Med-dark gry, fine gr ss w/ frequent sh breaks in lower part of	No. 1. fi	rom	to	ſ	No. 3, from				to				
IMPORTANT WATER SANDS  Include data on rate of water inflow and elevation to which water rose in hole.  No. 1, from to feet  No. 2, from  No. 3, from  To Lithology RECORD (Attach additional sheet if necessary)  From To Lithology From To Thicknes s in Feet  11780' 1780' Gry sh interbedded w/tight, gry, fine-gr ss.  1780' 2386' Dk gry-gry carb sh, coal, grm sitts, light-med gry, tight, fine gr ss.  2386' 2464' Bn-Gry, fine grn, tight ss.  2386' 2464' Bn-Gry, fine grn, tight ss.  3381' White, waxy chalky bentonite 3381' 3915' Gry fn grm silty, glauconitic sd stone w/drk gry shale 3915' 4051' ss. Gry, fine-grn, dense sil ss.  4671' 5150' Med-dark gry, fine gr ss w/ frequent sh breaks in lower part of			to		No. 4. from				to				
Include data on rate of water inflow and elevation to which water rose in hole.  No. 1, from  No. 2, from  No. 3, from  To  Lithology  Lithology  Lithology  From  To  To  Lithology  Lithology  Lithology  From  To  To  Thickness in Feet  Lithology  Lithology  Lithology  Lithology  Lithology  From  To  To  Thickness in Feet  Lithology  Lithology	140. 2, 1		IMDODTA	N-	WATER SAI	NDS							
To Lithology  To Lithology  From To Thicknes s in Feet  Lithology  To Thicknes s in Feet  Lithology  Lithology  To Thicknes s in Feet  Lithology  To Thicknes s in Feet  Lithology  Lithology  Lithology  To Thicknes s in Feet  Lithology	No. 1, f No. 2, f	rom	to to to			_feet _feet _feet							
To Lithology From To s in Feet Lithology  1002' 1100' White, cr-gr ss. 1100' 1780' Gry sh interbedded w/tight, gry, fine-gr ss.  1780' 2386' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.  2386' 2464' Bn-Gry, fine grn, tight ss. 2464' 3122' Shale w/siltstone stringers 3122' 3381' White, waxy chalky bentonite 3381' 3915' Gry fn grn silty, glauconitic sd stone w/drk gry shale 3915' 4051' ss. Gry, fine-grn, dense sil ss. 4051' 4671' Med-dark gry, fine gr ss, carb sh & coal 4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of		<u> </u>	THIOLOGI ILLOGIAD	$\Gamma$	illacii addili	Orial	1	11000	233GI Y /				
1780' Gry sh interbedded w/tight, gry, fine-gr ss.  1780' 2386' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.  2386' 2464' Bn-Gry, fine grn, tight ss.  2464' 3122' Shale w/siltstone stringers  3122' 3381' White, waxy chalky bentonite  3381' Gry fin grn silty, glauconitic sd stone w/drk gry shale  3915' 4051' ss. Gry, fine-grn, dense sil ss.  4051' 4671' Med-dark gry, fine gr ss, carb sh & coal  4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of	From	То			From 1	То				thology			
fine-gr ss.  Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.  2386' 2464' 3122' Shale w/siltstone stringers  3122' 3381' White, waxy chalky bentonite  Gry fn grn silty, glauconitic sd stone w/drk gry shale  3915' 4051' 4671' Med-dark gry, fine gr ss, carb sh & coal  4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of	1002'	1100'	White, cr-gr ss.	П			]						
fine-gr ss.  Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.  2386' 2464' 3122' Shale w/siltstone stringers  3122' 3381' White, waxy chalky bentonite  Gry fn grn silty, glauconitic sd stone w/drk gry shale  3915' 4051' 4671' Med-dark gry, fine gr ss, carb sh & coal  4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of	1100'	1780'	Gry sh interbedded w/tight, gry,				1						
1780' 2386' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.  2386' 2464' Bn-Gry, fine grn, tight ss. 2464' 3122' Shale w/siltstone stringers 3122' 3381' White, waxy chalky bentonite 3381' Gry fn grn silty, glauconitic sd stone w/drk gry shale 3915' 4051' ss. Gry, fine-grn, dense sil ss. 4051' Med-dark gry, fine gr ss, carb sh & coal 4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of							1	ļ					
light-med gry, tight, fine gr ss.  2464' 3122' Shale w/siltstone stringers 3122' 3381' White, waxy chalky bentonite 3381' 3915' Gry fin grn silty, glauconitic sd stone w/drk gry shale 3915' 4051' ss. Gry, fine-grn, dense sil ss. 4051' 4671' Med-dark gry, fine gr ss, carb sh & coal 4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of	47001	02061	1 -	11									
2386' 2464' Bn-Gry, fine grn, tight ss. 2464' 3122' Shale w/siltstone stringers 3122' 3381' White, waxy chalky bentonite 3381' 3915' Gry fin grn silty, glauconitic sd stone w/drk gry shale 3915' 4051' ss. Gry, fine-grn, dense sil ss. 4051' 4671' Med-dark gry, fine gr ss, carb sh & coal 4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of	1/80	2300					[						
2464' 3122' Shale w/siltstone stringers 3122' 3381' White, waxy chalky bentonite 3381' 3915' Gry fn grn silty, glauconitic sd stone w/drk gry shale 3915' 4051' ss. Gry, fine-grn, dense sil ss. 4051' 4671' Med-dark gry, fine gr ss, carb sh & coal 4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of							1	1					
2464' 3122' Shale w/siltstone stringers 3122' 3381' White, waxy chalky bentonite 3381' 3915' Gry fn grn silty, glauconitic sd stone w/drk gry shale 3915' 4051' ss. Gry, fine-grn, dense sil ss. 4051' 4671' Med-dark gry, fine gr ss, carb sh & coal 4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of	2386'	2464'	Bn-Gry, fine grn, tight ss.		1		1						
3122' 3381' White, waxy chalky bentonite 3381' 3915' Gry fn grn silty, glauconitic sd stone w/drk gry shale 3915' 4051' ss. Gry, fine-grn, dense sil ss. 4051' 4671' Med-dark gry, fine gr ss, carb sh & coal 4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of	2464'	3122'		1			Į .						
3381' 3915' Gry fin grn silty, glauconitic sd stone w/drk gry shale 3915' 4051' ss. Gry, fine-grn, dense sil ss. 4051' 4671' Med-dark gry, fine gr ss, carb sh & coal 4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of		1		1			1						
stone w/drk gry shale ss. Gry, fine-grn, dense sil ss. 4051' 4671' Med-dark gry, fine gr ss, carb sh & coal  4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of													
3915' 4051' ss. Gry, fine-grn, dense sil ss. 4051' 4671' Med-dark gry, fine gr ss, carb sh & coal 4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of				ı				1					
4051' 4671' Med-dark gry, fine gr ss, carb sh & coal 4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of			, , , , , , , , , , , , , , , , , , , ,	ı				l					
& coal  4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of	3915'	4051'	ss. Gry, fine-grn, dense sil ss.			1	1						
& coal  4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of	4051'	4671'	Med-dark gry, fine gr ss, carb sh	1	1								
4671' 5150' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of		1											
frequent sh breaks in lower part of	46741	E150'			]		1	1					
	4071	5 150		ار	]		1						
formation				λ	1			1					
			Iformation	l	1 1		1	1					