## Submit to Appropriate

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

District Office State Lease - 6 copies

Fee Lease - 5 copies

DIS P.

Form C-105 Revised 1-1-89

Box 1980, Hobbs, NM & RICT II Drawer DD, Artesia, Ni	38240 [][[	CONSI	ERVAL	ION DIV	ISION	بمبرا	E18111	0 19 NWELL	API NO.		
	WE WOLL		. O. Box 2			1/1	13		0-045-298	808	
Prawer DD Anesia. No.	u 00210			exico 8750	4-2088	150	<b>0</b> 07	5. tr	dicate Ty	pe of Lease	_
2100001 DD11	N 80210	Santa re	5, IVEW IVI	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		10.11.12	OCT 2	300 <b>0</b>		STATE X FE	E
						$\approx$	Pac.	6. S		Gas Lease No.	
RICTIII	NINE 97410					(C)	OL (X)	I. BEV	-504-16	-NM	
Rio Brazos Rd., Aztec	TION OP PI	COMP	FTION	REPOR	TAND	<u>log</u>	DIG				
	HOILOR ISL	-001111				10		(3)	ease Nan	ne or Unit Agreem	ent Name
TYPE OF WELL:	GAS WELL X	1 0	RY	OTHER		100	5 4 2-				
OIL WELL	GAS WEEE 1/1								Allison U	Init	
TYPE OF COMPLETI	ION:				_						
NEW WOR		PLUG	1 1	DIFF	Ι,	THER DI	IC-2215				
WELL X OVE	R DEEPEN	BACK		RESVR	۷ ۲	,,,, <u>,,,</u>					
Name of Operator					· · · · · ·			8.	Well No. #6R		
BURLINGTON RE	SOURCES OIL	& GAS CC	MPANY					9.		e or Wildcat	
Address of Operator								"	Bianco I	Mesaverde/Bas	in Dakota
PO BOX 4289, Fa	rmington, NM 87	499						<del></del>			
. Well Location			_	046		line and	17	755	Feet From	m The V	Vest Line
Unit Letter	N:1	065 Feet F	rom The	South	<u> </u>	Line and			-		
						6W	N	MPM	San Ju	an County, NM	
Section	16	Town	ship 3	ppl. (Ready to	Range (	13. Elevation				Elev. Casinghea	ad .
. Date Spudded	11. Date T.D. Rea	ached	10-8		,,,,,,	6	121'GL/61	35'KB			
8-4-00	8-12-00	Back T.D.		Multiple Comp	woH .k	18. Interv	als R	otary Tools	Ca	ble Tools	
5. Total Depth	10. 7 109	DOOK 1.5.		Many Zones?		Drille	d By		1		
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4314-5602' Mesa	verde							2. Was Well (	Cored		
. Electric and O	ther Logs Run			IODL IODIČĆ	<b>.</b> 1		ľ	2. 1105 110	JU. 32	No	
Litho-Density Co		Array Indu	ction/ i emp	RD (Rep	<u>,r</u>	etring	s set in	well)		*,	ON CENT
23.					OIL all	String.	- 1	CEME	NTING F	RECORD	AMOUNT PULL
CASING SIZE	WEIGHT I	_B/FT.		THISET		HOLE SIZ	<del></del>		89 cu ft		
9 5/8	36#		240'		12 1/ 8 3/4				325 cu ft		
7	20#		3205'		0 34-	<u> </u>					
	<u> </u>	LINER RI	ECORD.		L			25.	1	<b>TUBING REC</b>	
24.				SACKS CE	MENT	SCF	EEN	SIZE		DEPTH SET	PACKER SET
SIZE	TOP	BO	7665'	706 cu ft	IAILIAI	1		2 3/8		7520'	
4 1/2	2472'	0.70 00			SHOT	FRACTU	RE, CEM	ENT, SQUE	EZE, ET	C	
26. Perforation r 314, 4316, 4318, 43	ecord (interval	, SIZE, AII 220 <i>4</i> 232	4334 4336		TH INTE		, A	MOUNT AND	KIND WA	JEKINE OSED	
314, 4316, 4318, 43 <sup>2</sup>	2U, 4322, 4324, 7	424 4426.	4428, 4430	<u> </u>	4314-4	530'	744 bbl 2	0# Inr gel, 2	00,000#	20/40 Brady sa	na.
4040 43	38 4440 4442 4	444, 4446,	4448, 4450	,	4733-5	125'	1888 bbl	slk wtr, 100,	000# 20/	40 Brady sand	·
220 4240 4342 43	.74. 4476, 4478, 4	488, 4490,	4492, 4494	,	5188-5	602'	2395 bbl	sik wtr, 100,	000# 20	/40 Brady sand	·
.338, 4340, 4342, 43 .432, 4434, 4436, 44 .468, 4470, 4472, 44	04 4500 4500 4	530, 4733,	4/40, <del>4</del> 010	<sup>1</sup>							
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1338, 4340, 4342, 436, 1432, 4434, 4436, 44 1432, 4434, 4436, 44 1468, 4470, 4472, 44 14507, 4518, 4522, 45 14834, 4645, 4859, 48 15012, 5023, 5038, 50	376, 4893, 4910, 4 368, 5087, 5103, 5	125, 5166,	, 5202, 5232	PRO	vina Size	and type n	umnnı				
1338, 4340, 4342, 436, 4432, 4434, 4436, 44468, 4470, 4472, 44507, 4518, 4522, 454834, 4645, 4859, 485012, 5023, 5038, 5028.	376, 4893, 4910, 4 368, 5087, 5103, 5	125, 5166,	thod (Flowing	PROI , gas lift, pump	oing - Size	and type p	ump)		SI		
.338, 4340, 4342, 436, 4442, 436, 44436, 4470, 4472, 448, 4507, 4518, 4522, 454834, 4645, 4859, 485012, 5023, 5038, 5028.  Date First Production	976, 4893, 4910, 4 968, 5087, 5103, 5	oduction Met	thod (Flowing	, gas lift, pump	oing - Size		ump) s - MCF	Water -			Gas - Oil Ratio
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## **INSTRUCTIONS**

**Northwestern New Mexico** 

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.

**Southeastern New Mexico** 

T. Salt	i. Anny		I. Canyon	T. Ojo Ala	amo	1926'	T. Penn, "B"		
B. Salt T. Aloka T. Pictured Cliffs 2776 T. Penn. "D" T. Yates T. Miss T. Cliff House 4745 T. Leadulle T. Yates T. Miss T. Cliff House 4745 T. Leadulle T. Yates T. Miss T. Cliff House 4745 T. Leadulle T. Yates T. Devonian T. Menefee 5080 T. Madison T. Grayburg T. Montoya T. Menefee 5080 T. Madison T. Grayburg T. Montoya T. Menefee 5080 T. Madison T. Grayburg T. Montoya T. Mancos 5785 T. McCracken T. Grayburg T. Montoya T. Mancos 5785 T. McCracken T. Glorista T. McKee Base Greenhorn 7386 T. Grante T. Glorista T. McKee Base Greenhorn 7386 T. Grante T. Glorista T. McKee T. Delover T. T. Monton T. T. T. Monton T. T. Monton T. T. T. T. Monton T. T. T. T. Monton T.	T. Salt			T. Kirtland-Fruitland		2000/2400'			
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T. Flores	T. Yates								
T. Grayburg			T. Devonian	T. Menefe	e		T. Madison		
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T. Glorieta T. McKee T. Paddook T. Ellenburger T. Dakota T. Dakota T. Common			·	T. Mancos		5785'	T. McCracken		
T. Paldock				T. Gallup		6658'	T. Ignacio Otzte		
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T. Tubb							T. Lewis 3129'		
T. Drinkard T. Bone Springs T. Entrada T. Graneros 74422 T. Wongate T. Wingate T. T. Wingate T. T. Wingate T. T. Wolfcamp T. T. Cisco (Bough C) T. T. T. T. T. T. Permian T. T. Permian T. T. T. Permian T. T. T. Permian T. T. T. Permian T. T. Permian T. T. T. Permian T. T. T. T. Permian T. T. Permian T. T. T. Permian T. T. T. Permian T. T. T. T. T. Permian T. T. T. T. T. T. T. Permian T. T. Permian T.							T. Hrfnito. Bnt. 3842'		
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T. Cisco (Bough C)		·							
No. 1, from									
No. 1, from	1. 01300	(bodgii o)		•			1.		
No. 2, from						S			
Important water sands   Important water rose in hole.   Impo		_			· · · · · · · · · · · · · · · · · · ·				
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  From  To  Lithology  From  To  Lithology  Gry sh interbedded w/tight, gry, fine-gr ss.  2400'  2400'  2776'  3129'  3842'  3842'  3842'  4745'  Gry fine grn, tight ss.  51ale w/siltstone stringers  4745'  Gry fing m silty, glauconitic sd stone w/drk gry shale  35090'  5275'  Med-dark gry, fine gr ss, carb sh & coal  Med-dark gry, fine gr ss, carb sh & coal  Med-dark gry, tight gr ss w/ frequent sh breaks in lower part of frequent sh breaks in lower part of formation  To Thicknes sin Feet  Thicknes sin Feet  Thicknes sin Feet  Dark gry carb sh.  Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w//irreg. interbed sh  Highly calc gry sh w/thin lmst.  Dk gry shale, fossil & carb w/ pyrite incl.  Dk gry shale, fossil & carb w/ pyrite incl.  Dk gry shale, fossil & carb w/ pyrite incl.  Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks  Perfs Continued:  5278, 5285, 5295, 5306, 5322, 5340, 5350, 5360, 5367, 5380, 5399, 5431, formation	140. 2,	-					to		
No. 1, from No. 2, from to feet No. 3, from to feet LITHOLOGY RECORD (Attach additional sheet if necessary)  From To Lithology From To Lithology From To Thicknes Sin Feet Search									
No. 2, from No. 3, from to to feet    LITHOLOGY RECORD (Attach additional sheet if necessary)  From To Lithology From To Thicknes s in Feet S 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Include	e data on rat	te of water inflow and elevation to whic	ch water re	ose in hole	<b>)</b> .			
No. 2, from No. 3, from to feet  LITHOLOGY RECORD (Attach additional sheet if necessary)  From To Lithology From To Thickness in Feet Scape Scap	No. 1,	from	to		fee	et			
No. 3, from to feet  LITHOLOGY RECORD (Attach additional sheet if necessary)  From To Lithology From To To Thicknes s in Feet  2000' 2400' Gry sh interbedded w/tight, gry, fine-gr ss.  2400' 2776' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.  2776' 3129' 3842' Shale w/siltstone stringers  3842' 4312' White, waxy chalky bentonite Gry fin grn silty, glauconitic sd stone w/drk gry shale ss. Gry, fine-grn, dense sil ss.  4745' 5090' Ss. Gry, fine-grn, dense sil ss.  4745' 5090' Ss. Gry, fine-grn, dense sil ss.  Med-dark gry, fine gr ss w/ frequent sh breaks in lower part of formation  Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	No. 2, from		to		fee	·t			
LITHOLOGY RECORD (Attach additional sheet if necessary)  To Lithology From To Lithology From To Thicknes s in Feet To Thicknes s in	No. 3.	from -							
From To Lithology  From To Thicknes s in Feet  To To To Thicknes s in Feet  To T	- · · - •	-							
1926' 2000' White, cr-gr ss. 2400' Gry sh interbedded w/tight, gry, fine-gr ss. 2400' 2776' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. 2776' 3129' Bn-Gry, fine grn, tight ss. 3129' 3842' Shale w/siltstone stringers 3842' 4312' White, waxy chalky bentonite 4745' Gry fn grn silty, glauconitic sd stone w/drk gry shale 4745' 5090' 5275' Med-dark gry, fine gr ss, carb sh & coal  Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation  Thim 18 s in Feet  5785' 6658'  7386' 7386'  Thim 16 s in Feet  S in Feet  Dark gry carb sh. Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh  Highly calc gry sh w/thin Imst. Dk gry shale, fossil & carb w/ pyrite incl.  Dk gry shale, fossil & carb w/ pyrite incl.  Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks  Perfs Continued: 5278, 5285, 5295, 5366, 5322, 5340, 5350, 5360, 5367, 5380, 5399, 5431,		Т	LITHOLOGY RECORD (	Attach a	idditiona	sheet if	necessary)		
2000' 2400' Gry sh interbedded w/tight, gry, fine-gr ss. 2400' 2776' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. 2776' 3129' Bn-Gry, fine grn, tight ss. 3129' 3842' Shale w/siltstone stringers 3842' 4312' White, waxy chalky bentonite Gry fin grn silty, glauconitic sd stone w/drk gry shale ss. Gry, fine-grn, dense sil ss. 4745' 5090' Ss. Gry, fine-grn, dense sil ss. 5090' 5275' Med-dark gry, fine gr ss w/ frequent sh breaks in lower part of formation.  5786' 7386' Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh Highly calc gry sh w/thin lmst. Dk gry shale, fossil & carb w/ pyrite incl. Dk gry shale, fossil & carb w/ pyrite incl. Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks  Perfs Continued: 5278, 5285, 5295, 5306, 5322, 5340, 5350, 5360, 5367, 5380, 5399, 5431,	From	То	Lithology	From	То		Lithology		
2000' 2400' Gry sh interbedded w/tight, gry, fine-gr ss.  2400' 2776' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.  2776' 3129' Bn-Gry, fine grn, tight ss. 3129' 3842' Shale w/siltstone stringers 3842' White, waxy chalky bentonite Gry fin grn silty, glauconitic sd stone w/drk gry shale ss. Gry, fine-grn, dense sil ss.  4745' 5090' 5275' Med-dark gry, fine gr ss, carb sh & coal  5275' 5785' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	1926'	2000'	White, cr-gr ss.	5785'	6658'		Dark gry carb sh		
fine-gr ss.  Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.  Bn-Gry, fine grn, tight ss.  Shale w/siltstone stringers  White, waxy chalky bentonite  Gry fn grn silty, glauconitic sd stone w/drk gry shale  ss. Gry, fine-grn, dense sil ss.  Med-dark gry, fine gr ss, carb sh & coal  Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation  fine-gr ss.  Dk gry-gry carb sh, coal, grn silts, glauc silts & very fine gr gry ss w/irreg.interbed sh  Highly calc gry sh w/thin lmst.  Dk gry shale, fossil & carb w/ pyrite incl.  Dk gry shale, fossil & carb w/ pyrite incl.  Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks  Perfs Continued:  5278, 5285, 5295, 5306, 5322, 5340, 5350, 5360, 5367, 5380, 5369, 5431,	2000'	2400'	Grv sh interbedded w/tight, grv	6658'					
2400' 2776' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. 2776' 3129' Bn-Gry, fine grn, tight ss. 3129' 3842' Shale w/siltstone stringers 34312' White, waxy chalky bentonite Gry fin grn silty, glauconitic sd stone w/drk gry shale stone w/drk gry shale stone w/drk gry shale stone w/drk gry shale stone w/drk gry, fine-grn, dense sil ss. 5090' Ss. Gry, fine-grn, dense sil ss. 5090' Med-dark gry, fine gr ss, carb sh & coal 5785' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation					1 7000				
light-med gry, tight, fine gr ss.  Bn-Gry, fine grn, tight ss.  Shale w/siltstone stringers  White, waxy chalky bentonite  Gry fn grn silty, glauconitic sd stone w/drk gry shale ss. Gry, fine-grn, dense sil ss.  Med-dark gry, fine gr ss, carb sh & coal  Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of  formation  17386'  7442'  7535'  7442'  7535'  7673'  Highly calc gry sh w/thin lmst.  Dk gry shale, fossil & carb w/ pyrite incl.  Dk gry shale, fossil & carb w/ pyrite incl.  Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks  Perfs Continued: 5278, 5285, 5295, 5306, 5322, 5340, 5350, 5360, 5367, 5380, 5399, 5431,	24001 27761		1 -						
Bn-Gry, fine grn, tight ss. Shale w/siltstone stringers White, waxy chalky bentonite Gry fn grn silty, glauconitic sd stone w/drk gry shale ss. Gry, fine-grn, dense sil ss. Med-dark gry, fine gr ss, carb sh & coal  Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation  Bn-Gry, fine grn, tight ss.  Dk gry shale, fossil & carb w/ pyrite incl. Dk gry shale, fossil & carb w/ pyrite incl.  T535'  T673'  Dk gry shale, fossil & carb w/ pyrite incl. Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks  Perfs Continued: 5278, 5285, 5295, 5306, 5322, 5340, 5350, 5360, 5367, 5380, 5399, 5431,	2400	12/10			l		w/irreg.interbed sh		
3129' 3842' Shale w/siltstone stringers 3842' 4312' White, waxy chalky bentonite 4745' Gry fin grn silty, glauconitic sd stone w/drk gry shale 5090' 5275' Med-dark gry, fine gr ss, carb sh & coal 5275' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation  Shale w/siltstone stringers 7442' 7535'  7535' 7673'		1.		7386'	7442'		Highly calc gry sh w/thin Imst.		
3129' 3842' Shale w/siltstone stringers 3842' 4312' White, waxy chalky bentonite 4745' Gry fn grn silty, glauconitic sd stone w/drk gry shale 4745' 5090' ss. Gry, fine-grn, dense sil ss. 5090' 5275' Med-dark gry, fine gr ss, carb sh & coal 5785' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation  The pyrite incl.  Dk gry shale, fossil & carb w/ pyrite incl.  Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks  Perfs Continued: 5278, 5285, 5295, 5306, 5322, 5340, 5350, 5360, 5367, 5380, 5399, 5431,	2776'	3129'	Bn-Gry, fine grn, tight ss.				Dk grv shale, fossil & carb w/		
White, waxy chalky bentonite Gry fin grn silty, glauconitic sd stone w/drk gry shale ss. Gry, fine-grn, dense sil ss. Med-dark gry, fine gr ss, carb sh & coal  Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation  White, waxy chalky bentonite 7442' 7535'  7673'  Dk gry shale, fossil & carb w/ pyrite incl. Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks Perfs Continued: 5278, 5285, 5295, 5306, 5322, 5340, 5350, 5360, 5367, 5380, 5399, 5431,	3129'	3842'	Shale w/siltstone stringers						
4745' Gry fin grn silty, glauconitic sd stone w/drk gry shale 4745' 5090' ss. Gry, fine-grn, dense sil ss. 5090' Med-dark gry, fine gr ss, carb sh & coal 5275' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation  4745' Gry fin grn silty, glauconitic sd stone w/drk gry shale 7535' 7673'  7673' Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks Perfs Continued: 5278, 5285, 5295, 5306, 5322, 5340, 5350, 5360, 5367, 5380, 5399, 5431,	3842'	4312'	_	7442'	7535'	ł	I s · s		
stone w/drk gry shale stone w/drk gry shale ss. Gry, fine-grn, dense sil ss. Med-dark gry, fine gr ss, carb sh & coal  5275' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation  5350, 5360, 5367, 5380, 5399, 5431,	4312'	4745'		' ' '-	1000	·			
4745' 5090' ss. Gry, fine-grn, dense sil ss.  Med-dark gry, fine gr ss, carb sh & coal  5275' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation  Ss. Gry, fine-grn, dense sil ss.  Med-dark gry, fine gr ss, carb sh clay & shale breaks  Perfs Continued:  5278, 5285, 5295, 5306, 5322, 5340, 5350, 5360, 5367, 5380, 5399, 5431,		""		7535'	7672'		1 · ·		
5090' 5275' Med-dark gry, fine gr ss, carb sh & coal Series of the street shift shif	4745'	5090'	, , ,	7 3 3 3	1013				
8. coal  Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation  8. coal  Perfs Continued: 5278, 5285, 5295, 5306, 5322, 5340, 5350, 5360, 5367, 5380, 5399, 5431,	5090'	5275'			1				
5275' Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation formation formation formation from the formation for the formation formation for the formation formation for the forma		]							
frequent sh breaks in lower part of 5350, 5360, 5367, 5380, 5329, 5431,	5275' 5785'								
formation				' I			<b>5</b>		
5437, 5469, 5559, 5568, 5602.			• • • • • • • • • • • • • • • • • • •	. <b>J</b>	1		5350, 5360, 5367, 5380, 5399, 5431,		
			pormation	]	1		5437, 5469, 5559, 5568, 5602.		