FOR APPROVED

OMB NO 1004-0137

OMB NO 1004-0137	
Expires December 31, 1991	rm.
LEASE DESIGNATION AND SERIAL NO	and the
	ar. 1980 <sup>11</sup>

## **UNITED STATES DEPARTMENT OF THE INTERIOR**

Expires Decem

BUREAU OF LAND MANAGEMENT									5 LEASE DESIGNATION AND SERIAL NO			:: :::::::::::::::::::::::::::::::::::		
Bureau of Land Managam:										SF-081239 6 IF INDIAN, ALLOTTEE OR TRIBE NAME		Enter the second	taut hang ma <sub>t</sub> ma <sub>t</sub>	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG*** OF THE PROPERTY OF THE PROPE									6 IF I	NDIAN, ALLOT	TEE OR TRIBE NAME			
1a TYPE OF WELL.  OIL GAS WELL X DRY Other									7 10	IT ACREEMEN	T NAME	And	hand land land	
D TYPE OF COMPLETION  NEW X WORK DEEP- PLUG DIFF COMPA:  8 FARM OR LEASE NAME, WELL  8 FARM OR LEASE NAME, WELL									Property Property	1				
NEW X WORK DEEP- PLUG DIFF Other WELL X OVER EN BACK RESVR Other								8 FA	RM OR LEASE	NAME, WELL NO	100	promed promed		
											30-12 # 100	butile	, Berry	
	FOPERATO urlington		rcas Oil	& Gas	Compa	ıav			9 AP	WELL NO	045-34687 <b>-00</b>			
	SS AND TEL			<u>u                                    </u>	Оотра	,			10 FI	10 FIELD AND POOL, OR WILDCAT				
	O BOX 428					5) 326-9700					C/Fulcher Kutz PC			
		•	location clea JSW), 191	•		nce with any Stat	e requirements)*			11 SEC, T, R, M, OR BLOCK AND SURVEY OR AREA				
At surfac	æ Ui	III K (14E	23W), 191	U FSL	α 1460	LAAF								
At top pro	od. ınterval r	eported be	elow	SAME	AS ABC	VE				SEC. 1	0, T30N, 12W			
At total d	tenth S.	ME AS	AROVE											
At ibidi u	ери Ол	WIL AU	ADOVE		_									
					[1	4. PERMIT NO.	DATE ISSUE	D	3	OUNTY OR PARISH	13 STATE			
							}			an Juan	New Mexico			
15 DATE SPU			D REACHED	1	7. DATE C	OMPL (Ready to p 08/05/20		18. ELEVATIONS (DF,	RKB, RT, E	BR, ETC.)*	19. ELEV. CASINGHEAD			
20 TOTAL DE			01/2009 21 PLUG, E	BACK T	, MD &TVD			GL 5719 23. INTERVALS		Y TOOLS	CABLE TOOLS	_		
						HC	W MANY*	DRILLED BY	1		ı			
24 PRODUCT	2233' TION INTERV	AL (S) OF T	HIS COMPLE	2174		M, NAME (MD AND	2 TVD)*		۲-	yes 25 WAS DIRE	CTIONAL			
	-	, ,				, ,	,			SURVEY	MADE			
26 TYPE ELE	er Kutz Pi			J-201	0.				127 WAS	WELL COREC	NO			
GR/C	CL/CNL										No			
28							RD (Report all string					_		
CASING SIZ			T, LB./FT.	DEPT	H SET (ME	O) HOLE SIZE	TOP OF CE	MENT, CEMENTING REC			AMOUNT PULLED			
	-55	- 2	T, LB./FT. 20# 0.5#		H SET (ME 139' 2218'		TOP OF CEI		)		AMOUNT PULLED  2bbls 15bbls			
CASING SIZ 7"/J 4 1/2"	-55	- 2	20# 0.5#		139'	9 HOLE SIZE	Surf. 2	MENT, CEMENTING REC 50sx(64cf-211bbls	) i)		2bbls 15bbls			
CASING SIZ	-55	10	20#	CORD	139'	8 3/4" 6 1/4"	Surf. 2	MENT, CEMENTING REC 50sx(64cf-211bbls	) i) TU	BING RECOR	2bbls 15bbls			
CASING SIZ 7"/J 4 1/2"/	-55 /J-55	10	20# 0.5# LINER RE	CORD	139' 2218'	8 3/4" 6 1/4"	Surf. 2	MENT, CEMENTING REC 50sx(64cf-211bbls 36sx(445cf-79bbls	TU (MD)	BING RECOR	2bbls15bbls			
CASING SIZ 7"/J 4 1/2"/	7J-55 TOP (MD)	10 BOT	20# 0.5# LINER RE ТОМ (MD)	CORD SAC	139' 2218'	8 3/4" 6 1/4"  * SCREEN (M	TOP OF CEI Surf. 2 30 D) SIZE 2 3/8"	MENT, CEMENTING REC 50sx(64cf-211bbls 36sx(445cf-79bbls DEPTH SET 2000	TU	BING RECOR	2bbls 15bbls 15bbls  DACKER SET (MD)			
CASING SIZ 7"/J 4 1/2". 29 SIZE 31 PERFORA Picture Cliffs	TOP (MD)  TON RECORES Perfs w/.3	BOT  BOT  Conterval,	LINER RE TOM (MD)	SACH	139' 2218'	HOLE SIZE  8 3/4" 6 1/4"  * SCREEN (M	TOP OF CEI Surf. 2 30 D) SIZE 2 3/8"	MENT, CEMENTING REC 50sx(64cf-211bbls 36sx(445cf-79bbls DEPTH SET 2000 D, SHOT, FRACTURE Acidize w/ 10bbls, 1	TUI (MD) E, CEMEN	BING RECOR F IT SQUEEZE, Frac w/14,11	2bbls 15bbls 15bbls PACKER SET (MD) ETC. 12gals 20# Linear 70% N2			
CASING SIZE  7"/J 4 1/2"  29  SIZE  31 PERFORA	TOP (MD)  TON RECORES Perfs w/.3	BOT  BOT  Conterval,	LINER RE TOM (MD)	SACH	139' 2218'	HOLE SIZE  8 3/4" 6 1/4"  * SCREEN (M	TOP OF CEI Surf. 2 Surf. 2 30 D) SIZE 2 3/8" ACI	MENT, CEMENTING REC 50sx(64cf-211bbls 36sx(445cf-79bbls DEPTH SET 2000 D, SHOT, FRACTURE	TUI (MD) E, CEMEN	BING RECOR F IT SQUEEZE, Frac w/14,11	2bbls 15bbls 15bbls PACKER SET (MD) ETC. 12gals 20# Linear 70% N2			
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29 SIZE  31 PERFORA Picture Cliffs @ 3 SPF = 2	TOP (MD)  ATION RECORD S Perfs W/.3 2000' TO 20	BOT  BOT  Conterval,	LINER RETOM (MD)  size and num ) Holes.	SACH	139' 2218' (S CEMENT	HOLE SIZE  8 3/4" 6 1/4"  * SCREEN (M  32.	TOP OF CEI Surf. 2 30 D) SIZE 2 3/8" ACI 00'-2010'	MENT, CEMENTING REC 50sx(64cf-211bbls 36sx(445cf-79bbls DEPTH SET 2000 D, SHOT, FRACTURE Acidize w/ 10bbls, 1 Foam w/100,000# 20	TU (MD) =, CEMEN 5% HCL. V40 Brady	BING RECOR F IT SQUEEZE, Frac w/14,11 y Sand & N2:2	2bbls 15bbls 15bbls PACKER SET (MD) ETC. 12gals 20# Linear 70% N2			
CASING SIZ 7"/J 4 1/2" 29 SIZE 31 PERFORA Picture Cliffs @ 3 SPF = 2	TOP (MD) ATION RECORE S Perfs W.3 2000' TO 20 RODUCTION N/A	BOT  BOT  Conterval,	LINER RETOM (MD)  size and num  Holes.	SACH	139' 2218' (S CEMENT	B) HOLE SIZE  8 3/4" 6 1/4"  SCREEN (M  32.  200  wing, gas lift, pumpi	TOP OF CEI Surf. 2 30 D) SIZE 2 3/8" ACI 00'-2010'	MENT, CEMENTING REC 50sx(64cf-211bbls 36sx(445cf-79bbls DEPTH SET 2000 D, SHOT, FRACTURE Acidize w/ 10bbls, 1 Foam w/100,000# 20	TU (MD)  E, CEMEN 5% HCL. V40 Brady	BING RECOR F IT SQUEEZE, Frac w/14,11 y Sand & N2:2	2bbls			
CASING SIZ  7"/J 4 1/2"  29  SIZE  31 PERFORA  Picture Cliffs @ 3 SPF = 2  DATE FIRST PR	TOP (MD)  TOP (MD)  ATION RECOR S Perfs w/.3 2000' TO 20	BOT  D (Interval, 44 DIA.  010' = 30	LINER RETOM (MD)  size and num  Holes.	sacribler)	2218' CS CEMENT  SIZE P	B) HOLE SIZE  8 3/4" 6 1/4"  SCREEN (M  32.  200  wing, gas lift, pumple	TOP OF CEI Surf. 2 Surf. 2 30 D) SIZE 2 3/8" ACI 00'-2010'  PRODUCTION ng-size and type of pur IL-BBL	MENT, CEMENTING REC 50sx(64cf-211bbls 36sx(445cf-79bbls DEPTH SET 2000 D, SHOT, FRACTURE Acidize w/ 10bbls, 1 Foam w/100,000# 20	TU (MD)  E, CEMEN 5% HCL. V40 Brady	BING RECOR F IT SQUEEZE, Frac w/14,11 / Sand & N2:2	2bbls			
CASING SIZ  7"/J 4 1/2"  29  SIZE  31 PERFORA Picture Cliffs @ 3 SPF = 2	TOP (MD) ATION RECOR S Perfs w/.3 2000' TO 20 RODUCTION N/A	BOT  D (Interval, 4 DIA. 010' = 30	LINER RETOM (MD)  size and num  Holes.   PRODUC  FLO  ESTED	sacribler)	139' 2218'  (S CEMENT  SIZE   P. T.	BOD'N FOR OO	TOP OF CEI Surf. 2 30 30 SIZE 2 3/8" ACI 00'-2010'	MENT, CEMENTING REC 50sx(64cf-211bbls 36sx(445cf-79bbls DEPTH SET 2000 D, SHOT, FRACTURE Acidize w/ 10bbls, 1 Foam w/100,000# 20	TU (MD)	BING RECOR  F  IT SQUEEZE, Frac w/14,11 y Sand & N2:2	2bbls			
CASING SIZ  7"/J 4 1/2"  29 SIZE  31 PERFORA Picture Cliffs @ 3 SPF = 2  DATE OF TEST  08/03/ FLOW. TUBING	TOP (MD)  ATION RECORD S Perfs W.3 2000' TO 20  RODUCTION N/A  2009 PRESS	BOT  D (Interval, 44 DIA.  010' = 30  HOURS TI	PRODUCE FLO	SACH SACH SACH STION MING CHOKE	ETHOD (Flo	HOLE SIZE  8 3/4" 6 1/4"  SCREEN (M  32.  200  Wing, gas lift, pumpi  ROD'N FOR OILBBL	TOP OF CEI Surf. 2 Surf. 2 30 D) SIZE 2 3/8" ACI 00'-2010'  PRODUCTION ng-size and type of pur IL-BBL  O GAS-MCF	MENT, CEMENTING REC 50sx(64cf-211bbls 36sx(445cf-79bbls DEPTH SET 2000 D, SHOT, FRACTURE Acidize w/ 10bbls, 1 Foam w/100,000# 20  GAS-MCF TSTM WATER-B	TU (MD)  E, CEMEN 5% HCL. V40 Brady	BING RECOR F IT SQUEEZE, Frac w/14,11 / Sand & N2:2	2bbls 15bbls 15bbls 17bbls 17b			
CASING SIZ  7"/J 4 1/2"  29 SIZE  31 PERFORA Picture Cliffs @ 3 SPF = 2  DATE FIRST PR  DATE OF TEST  08/03/	TOP (MD)  ATION RECOR S Perfs w/.3 2000' TO 20 RODUCTION N/A  2009 PRESS	BOT  D (Interval, 14 DIA.  010' = 30  CASING P	LINER RETOM (MD)  size and num  Holes.   PRODUC  FLO  ESTED  1 PRESSURE  84psi	sacriber)  Strict Ming Choke  1,  CALCUIT  24-HOU	ETHOD (Flo	MINDLE SIZE  8 3/4" 6 1/4"  SCREEN (M  32.  201  32.  201  ROD'N FOR O  EST PERIOD	TOP OF CEI Surf. 2 Surf. 2 30 D) SIZE 2 3/8" ACI 00'-2010'  PRODUCTION ng-size and type of put L-BBL 0	MENT, CEMENTING REC 50sx(64cf-211bbls 36sx(445cf-79bbls DEPTH SET 2000 D, SHOT, FRACTURE Acidize w/ 10bbls, 1 Foam w/100,000# 20  GAS-MCF TSTM WATER-B	TU (MD)  E, CEMEN 5% HCL. V40 Brady	BING RECOR F IT SQUEEZE, Frac w/14,11 y Sand & N2:2  WELL STATUS SI — R-BBL 0	2bbls			
CASING SIZ  7"/J 4 1/2"  29 SIZE  31 PERFORA Picture Cliffs @ 3 SPF = 2  DATE FIRST PR  DATE OF TEST  08/03// FLOW. TUBING  34. DISPOSITI	TOP (MD)  TOP (MD)  ATION RECOR S Perfs w/.3 2000' TO 20  RODUCTION N/A  2009 PRESS psi ON OF GAS (	BOT  D (Interval, 14 DIA.  010' = 30  CASING P  SI-1  Sold, used  To be	PRODUCE FLO  1  1  1  1  1  1  1  1  1  1  1  1  1	sacriber)  Strict Ming Choke  1,  CALCUIT  24-HOU	ETHOD (Flo	HOLE SIZE  8 3/4" 6 1/4"  SCREEN (M  32.  200  Wing, gas lift, pumpi  ROD'N FOR OILBBL	TOP OF CEI Surf. 2 Surf. 2 30 D) SIZE 2 3/8" ACI 00'-2010'  PRODUCTION ng-size and type of pur IL-BBL  O GAS-MCF	MENT, CEMENTING REC 50sx(64cf-211bbls 36sx(445cf-79bbls DEPTH SET 2000 D, SHOT, FRACTURE Acidize w/ 10bbls, 1 Foam w/100,000# 20  GAS-MCF TSTM WATER-B	TU (MD)  E, CEMEN 5% HCL. V40 Brady	BING RECOR F IT SQUEEZE, Frac w/14,11 / Sand & N2:2	2bbls			
CASING SIZ  7"/J 4 1/2"  29 SIZE  31 PERFORA Picture Cliffs @ 3 SPF = 2  DATE FIRST PR  DATE OF TEST  08/03// FLOW. TUBING  SI-0 34. DISPOSITI	TOP (MD)	BOT  D (Interval, 44 DIA.  010' = 30  CASING P  SI-1  Sold, used  To be	LINER RE TOM (MD)  size and num  Holes.  PRODUC  FLO  ESTED  RESSURE  84psi  for fuel, vente  sold	ster)  STON M WING CHOKE  1. CALCUI 24-HOU	ETHOD (FIG. SIZE P. TI. ATED R RATE	Wing, gas lift, pumpil  ROD'N FOR O EST PERIOD  OILBBL  OIL-BBL	PRODUCTION ng-size and type of put  Costs and type of put	MENT, CEMENTING REC 50sx(64cf-211bbls 36sx(445cf-79bbls  DEPTH SET 2000  D, SHOT, FRACTURE Acidize w/ 10bbls, 1 Foam w/100,000# 20  GAS-MCF TSTM WATER-B	TU (MD) 55% HCL. WATE	BING RECOR F IT SQUEEZE, Frac w/14,11 / Sand & N2:2  WELL STATUS SI / R-BBL 0	2bbls			
CASING SIZ  7"/J 4 1/2"  29 SIZE  31 PERFORA Picture Cliffs @ 3 SPF = 2  DATE OF TEST  08/03/ FLOW. TUBING  34. DISPOSITI  35. LIST OF A'  This is goin	TOP (MD)  TOP (MD)  TOP (MD)  TION RECOR S Perfs w/.3 2000' TO 20  RODUCTION  N/A  2009  PRESS  psi ION OF GAS (  TTACHMENTS g to be a E	BOT  D (Interval, 44 DIA, 1010' = 30  CASING P  SI-1  Sold, used  To be 3  Basin FC	PRODUCESTED  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SACH SACH SACH SACH SACH SACH SACH SACH	THOD (FIGURE 1) SIZE PATED REATE C Well be	Wing, gas lift, pumple  32.  201  BOD'N FOR O  COL-BBL  0	PRODUCTION ng-size and type of put  Costs and type of put	MENT, CEMENTING REC 50sx(64cf-211bbls 36sx(445cf-79bbls DEPTH SET 2000 D, SHOT, FRACTURE Acidize w/ 10bbls, 1 Foam w/100,000# 20  GAS-MCF TSTM WATER-B	TU (MD) 55% HCL. WATE	BING RECOR F IT SQUEEZE, Frac w/14,11 / Sand & N2:2  WELL STATUS SI / R-BBL 0	2bbls			
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\*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

ACCEPTED FOR RECORD

AUG 1 1 2009



API # 30-045-34687			Blanco 30-12 #100		
Ojo Alamo	403'		White, cr-gr ss.	Ojo Alamo	403'
Kirtland	536'	1576'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	536'
Fruitland	1576	1995	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1576'
Pictured Cliffs	1995'	,	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	1995'
Lewis			Shale w/siltstone stringers	Lewis	•
Huerfanito Bentonite		,	White, waxy chalky bentonite	Huerfanito Bent.	1
Chacra		,	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	1
Mesa Verde		,	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	1
Menefee		,	Med-dark gry, fine gr ss, carb sh & coal	Menefee	1
Point Lookout		,	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	1
Mancos			Dark gry carb sh.	Mancos	1
Gallup		'	Lt gry to bm calc carb micac glauc silts & very fine gr gry ss w/irreg, interbed sh	Gallup	1
Greenhorn			Highly calc gry sh w/thin lmst.	Greenhorn	,
Graneros		,	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	1
Dakota		-	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	2 Dakota	ī
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison 💮	,

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SIGNED

FOR APPROVED

MB	NO	1004-0137

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

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Expires December 31, 1991 5 LEASE DESIGNATION AND SERIAL NO **BUREAU OF LAND MANAGEMENT** อันเอลน of Land Manage ment SF-081239 IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG\* 1a. TYPE OF WELL. UNIT AGREEMENT NAME NMNM-122189 NMNM-122189 **b** TYPE OF COMPLETION: DEEP WELL X Blanco 30-12 # 100 2 NAME OF OPERATOR 30-045-34687 - 00 CZ **Burlington Resources Oil & Gas Company** ADDRESS AND TELEPHONE NO. 10. FIELD AND POOL, OR WILDCAT (505) 326-9700 PO BOX 4289, Farmington, NM 87499 Basin FC/Fulcher Kutz PC LOCATION OF WELL (Report location clearly and in accordance with any State requirements) SEC, T., R, M, OR BLOCK AND SURVEY OR AREA Unit K (NE/SW), 1910' FSL & 1460' FWL At surface SAME AS ABOVE SEC. 10, T30N, 12W At top prod. interval reported below SAME AS ABOVE At total depth 14. PERMIT NO. DATE ISSUED 13. STATE 12 COUNTY OR PARISH **New Mexico** San Juan 17 DATE COMPL (Ready to prod 15 DATE SPUDDED DATE T D REACHED 18. ELEVATIONS (DF, RKB, RT, BR, ETC.) 19. ELEV CASINGHEAD 5/30/2009 06/01/2009 08/05/2009 GL 5719'/ KB 5730/ 22 IF MULTIPLE COMPL 20 TOTAL DEPTH, MD &TVD 21. PLUG, BACK T.D, MD &TVD INTERVALS ROTARY TOOLS CABLE TOOLS HOW MANY DRILLED BY 2174 24 PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) 25 WAS DIRECTIONAL SURVEY MADE Basin Fruitland Coal 1752'-1978' NO 26 TYPE FLECTRIC AND OTHER LOGS RUN 27 WAS WELL CORED GR/CCL/CNL No CASING RECORD (Report all strings set in well) 28 CASING SIZE/GRADE WEIGHT, LB./FT DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED 7"/J-55 20# 139 8 3/4" Surf. 50sx(64cf-211bbls) 2bbls 🗸 10.5# 6 1/4 4 1/2"/J-55 2218 Surf. 236sx(445cf-79bbis) 15bbls LINER RECORD TUBING RECORD 29 TOP (MD) SACKS CEMENT BOTTOM (MD) SCREEN (MD) SIZE SIZE DEPTH SET (MD) PACKER SET (MD) 2 3/8 2000' 31 PERFORATION RECORD (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Perf Basin Fruitland Coal w/ .34" daim. 60 HOLES 1940'-1978 FC@ 3SP =1940'-1942' = 6Holes; 1960'-1978'=54Holes; Acidize w/500 gals 10% formic acid. Frac w/ 4,000 gal 25# X-Link Prepad. w/22,696 gal 25# linear 75% N2 Foam w/21,652# 20/40 Brady Upper FC w/ .42"diam. 84 HOLES Sand & 38,140# 16/30 Brady Sand N2:863,400SCF @ 2SPF = 1752'-1756'=8Holes; 1795'-1798'=6Holes; 1808'-1813'=10Holes: 1752'-1910' Acidize w/500 gals 10% Formic Acid. Frac w/4,000gal 25# X-Link Pre-@3SPF 1846'-1848'=6 Holes; 1857'-1866'=27Holes pad w/33,196gal 25# Linear 75% N2 Foam w/ 41,050# 20/40 Brady 1870'-1872'=6Holes; 1881'-1884'=9Holes; 1906'-Sand & 61,232# 16/30 Brady Sand. N2:1,400,100SCF. 1910'=12Holes; TOTAL FC PERFS =144 PRODUCTION RODUCTION METHOD (Flowing, gas lift, p WELL STATUS (Producing or shut-in DATE FIRST PRODUCTION **FLOWING** SI 🗸 N/A DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR OIL--BBL WATER--BBL GAS--MCF GAS-OIL RATIO TEST PERIOD 08/03/2009 1/2" 0 23mcf/h 0 FLOW TUBING PRESS ASING PRESSURE CALCULATED OIL GRAVITY-API (CORR.) 24-HOUR RATE SI-184psi SI-0psi 561mcf/d TEST WITNESSED BY To be sold 35. LIST OF ATTACHMENTS This is going to be a Basin FC/Fulcher Kutz PC well being DHC per order #3153AZ

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

**Staff Regulatory Technicain** 

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.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

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ACCEPTED FOR RECORD

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API # 30-045-34687			Blanco 30-12 #100			<del></del>
Ojo Alamo	403'		White, cr-gr ss.	76	Ojo Alamo	403'
Kirtland	536'	1576	Gry sh interbedded w/tight, gry, fine-gr ss.		Kirtland	536'
Fruitland	1576'	1995'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	74	Fruitland	1576
Pictured Cliffs	1995'	1	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	1995'
Lewis		,	Shale w/siltstone stringers	1 mg	Lewis	
Huerfanito Bentonite		1	White, waxy chalky bentonite		Huerfanito Bent.	
Chacra		1	Gry fn grn silty, glauconitic sd stone w/drk gry shale		Chacra	
Mesa Verde		1	Light gry, med-fine gr ss, carb sh & coal		Mesa Verde	1
Menefee		1	Med-dark gry, fine gr ss, carb sh & coal	3	Menefee	
Point Lookout		,	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation		Point Lookout	
Mancos		'	Dark gry carb sh.	. Ay	Mancos	
Gallup		'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	3	Gallup	
Greenhorn		'	Highly calc gry sh w/thin lmst.		Greenhorn	
Graneros		'	Dk gry shale, fossil & carb w/pyrite incl.		Graneros	,
Dakota		'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks		Dakota	
Morrison		1	Interbed grn, brn & red waxy sh & fine to coarse grn ss	1	Morrison	

PC