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

SUBMIT IN DUPLICATE\* (See other In-structions on

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NOTICE 1 4 2011

OMB NO. 1004-0137

						<b>AMÉNDÈ</b>	)	_		SF-0	)80776-A	- 40
<b>VELL COMPL</b>	ETION	OR R	ECOMPL	ETION R	EPC	ORT AND	LO	G*	6 IF INDI	AN, ALLOTTE	E OR TRIBE NAMENINGTON F	ield Office
1a TYPE OF WELL:		OIL WELL	GAS WELL X	DRY	Other						Sureau of Land	Managem
b TYPE OF COMPLET	TION:	-			'				7 UNIT A	GREEMENT	1 7 /	
NEW X	WORK	DEEP-	PLUG	DIFF	Other				8 FARM		AME, WELL NO	
WELL	OVER	EN	BACK	RESVR		18187	18	920373		Floran	ice A 210R	
2 NAME OF OPERAT						ARI	A	<b>12</b>	9 API WE			
Burlington 3 ADDRESS AND TEL			& Gas Compa	any	_/	REC	ASSES.	12/	10 EIEI 0		45-35179-00C(	
PO BOY 429	9 Farmin	aton NM	87499 (50	5) 326-970	00/	Y REC			//		uitland Coal	
4 LOCATION OF WEL	L (Report lo	cation clea	rly and in accord	ance with any S	State e	quirements)	12	711	11 SEC,	T,R,M,O	R BLOCK AND SURVEY	
At surface F	(SENW), 1	516' FNL	& 1719' FWL,						ORA	REA		
					\ \c	OIL CON			ν .		- TOOL DANK	
At top prod interval	reported belo	ow .	SAME AS ABO	DVE	'	Ses.		.42/	) 5	ection 2	5, T30N, R10W	
At total depth S	AME AS AI	BOVE				( E > .		E0E61871	ĺ			
			Ta .	4. PERMIT N		DATE ISSUE	<u>-  </u>	609	12 COUN	TV OR	13. STATE	
			["	4. FLIXWII IN	J.	DATE 19901	.0		PAR		IO. OTATE	
			147 5475 0	OHER ID III		l			San	Juan	New Mexico	
5 DATE SPUDDED 16 1/4/2011		2011	I/ DATEC	OMPL ( <i>Ready to</i> <b>6/27</b>			18 El	EVATIONS (DF, RI GL 6071'			19 ELEV CASINGHEAD	
0 TOTAL DEPTH, MD &T			ACK T D , MD &TVD	22 IF MULT	IPLE CC			TERVALS	ROTARY TO		CABLE TOOLS	
MD 2887		,	MD 2832		HOW M	ANY*		RILLED BY	l .	00	1	
PRODUCTION INTERV	AL (S) OF THI			I, NAME (MD AN			L			<b>es</b> WAS DIREC		
Başin Fruitland				•	,					SURVEY M		
6 TYPE ELECTRIC AND			10					· · · · · · · · · · · · · · · · · · ·	27 WAS WE	LL CORED	123	
GR/CCL/GSL									[		No	
3		•		CASING REC	ORD (	Report all strings	set in	well)	·			
CASING SIZE/GRADE	WEIGHT,		DEPTH SET (MI					EMENTING RECO		Al	MOUNT PULLED	
7"	20#,	J-55	224'	8 3/4	r'	Surfac	e, 518	x(82cf-15bbl)	<del>'</del>		6 bbls	
4 1/2"	10.5#,	. J-55	2876'	6 1/4	<b>.</b> "	Surface, 2	84 sx	(572cf-102 bb	bls)		35 bbis	
		, , , ,						(0.1.0				
9		LINER RE				30				G RECOR		
SIZE TOP (MD	) вотто	OM (MD)	SACKS CEMENT	* SCREEN	(MD)	SIZE 2 3/8"		DEPTH SET ( 2598'	(MD)	P/	ACKER SET (MD)	
		,				4.7# / J-5	5					
PERFORATION RECOR				32	0 = 0 01		D, SHO	OT, FRACTURE,	CEMENT :	SQUEEZE,	ETC	
ower Basin Fruitlan PF @ 2600'-2610';	d Coal (25	32' - 2610	0') w/ .40 diam	2	2532'-	2610	مام	ina w/ 42 bbla	100/ form	is sold ( I	From w/ 455 0076 and	
SPF @ 2574'-2580',							•				Frac w/ 155,0976 gal 20/40 Brown sand.	
SPF @ 2555'-2562'		46' = 80 l	noles; Upper		2446' -	2508'				112,001	20, 10 2,000,000,000	
asin Fruitland Coal											Frac w/ 78,960 gai 75Q	
SPF @ 2504'-2508' SPF @ 2466'-2474';		00';					25#	inear Gel/foar	m w/ 55,53	35# 20/40	Brown sand.	
SPF @2446'-2449"												
RC Total Holes = 12	3.											
TE FIRST PRODUCTION		PRODUC	TION METHOD (FIG	wing, gas lift, pur		ODUCTION ize and type of pur	np)		WE	LL STATUS (	(Producing or shut-in)	
N/A			WING						SI			
TE OF TEST	HOURS TES	STED		PROD'N FOR EST PERIOD	OILB	BL	GAS-	-MCF	WATER-E	BBL	GAS-OIL RATIO	
6/27/11	1 1	ı	1/2"			0		7 mcf/h	Tr	ace		
OW TUBING PRESS	CASING PR	RESSURE	CALCULATED	OILBBL		GASMCF		WATERBE			OIL GRAVITY-API (CORR )	
SI - 311psi	Q1.24	3psi	24-HOUR RATE	n		157 mcf	/d	١,	3 bwpd			
4. DISPOSITION OF GAS			d, etc )	0		19/1001	ıu .	<u> </u>		ST WITNESS	ED BY	
	To be	sold										
5 LIST OF ATTACHMENT		Diam-	Emiliand Co.	4 DDC ~		4220			_		· · · · · · · · · · · · · · · · · · ·	
nis is a Basin Fruit!							record	s				
	: 1									ደገል	CEPTEN FOR DE	COBD
GNED VNC	DO TO	urne	<u> 4</u> titl	E	Staff	Regulatory T	echni	cain	DATE	<i></i>	CEPTED FOR REC	JUNU
	7		nstruction	e and Snoo	os fo	r Additional	Date	on Reverse	Side)		11 A F 004	
ıtle 18 U.S C. Section	1001/mal	- 1	· 1	-						of the	JUL 1 5 2011	
Inited States any false											MINGTON FIELD O	CEICE
									-	FMF	TIMINI W. T. I. L. W. P. (Pet 1 ) [ ]	

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BY \_ 50 V

API # 30-045-35179			Florance A 210R			
Ojo Alamo	1330'	1526'	White, cr-gr ss.	<i>i</i> Ojo	Alamo	1330'
Kirtland	1526'	2308'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtl	and	1526'
Fruitland	2308'	2658'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Frui	tland	2308'
Pictured Cliffs	2658'	2887'	Bn-Gry, fine grn, tight ss.	Pic.	Cliffs	2658'
Lewis			Shale w/siltstone stringers	Lew	is	
Huerfanito Bentonite			White, waxy chalky bentonite	Hue	rfanito Bent.	
Chacra			Gry fn grn silty, glauconitic sd stone w/drk gry shale	Cha	cra	
Mesa Verde			Light gry, med-fine gr ss, carb sh & coal	Mes	a Verde	
Menefee			Med-dark gry, fine gr ss, carb sh & coal	Mer	efee	
Point Lookout			Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Poir	nt Lookout	
Mancos			Dark gry carb sh.	Mar	icos	
Gallup			Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gal	up	
Greenhorn			Highly calc gry sh w/thin lmst.	Gre	enhorn	
Graneros			Dk gry shale, fossil & carb w/pyrite incl.	Gra	neros	
Dakota			Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dak	ota	
Morrison		1	Interbed grn, brn & red waxy sh & fine to coarse grn ss	Mor	rison	

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

SUBMIT IN DUPLICATE\* (See other In-structions on reverse side)

FOR APPROVED

OMB NO. 1004-0137

Expires December 31, 1991 111 1 4 2011 5 LEASE DESIGNATION AND SERIAL NO

	Ь	ONEAU OF EA	ND MANAGEN	AMENDE	D			SF-0	80776-A-armington F	iold Office
WELL COMPL	ETION OR F	RECOMPL	ETION RE	PORT AND	LOG	<b>)</b> *	6 IFI	NDIAN, ALLOTTE	E OR TRIBE NAME of Land	Managemen
1a TYPE OF WELL	OIL , WELL	GAS WELL X	DRY O	her						···anagemen
b TYPE OF COMPLET	ION·		<del></del>				7 UN	TAGREEMENT	NAME	
NEW Y	WORK DEEP-	PLUG	DIFF DESVID OF	her 4516	17181	920	8 FAI	RM OR LEASE N	AME, WELL NO	
WELL X	OVER EN	BACK	RESVRO		<b>A</b>	920273		Floran	ce A 210R	
2 NAME OF OPERATO	Resources Oil	& Gas Comp	2017	A RE	CEI	VED 33	9 AP	WELL NO	45-35179 -00 ( >	
3 ADDRESS AND TEL		a das compe	arry				10 FI	ELD AND POOL,	OR WILDCAT	
PO BOX 428	9, Farmington, NA		05) 326-970(		L 20	11	1 11 6		ruitland Sand	
	L (Report location cle (SENW), 1516' FNI	•	ance with any St	ate @uirements)* OIL CO	VS. DIV.	DIST. 3	1 1	R AREA	V BEOOK AND SORVE	
At top prod interval r	•	SAME AS ABO	OVE			066203710		Section 2	5, T30N, R10W	
At total depth SA	AME AS ABOVE	_								
		[1	14 PERMIT NO	DATE ISSL	JED			OUNTY OR PARISH	13 STATE	
							S	an Juan	New Mexico	
15 DATE SPUDDED 16 1/4/2011	DATE T D REACHED 2/6/2011	) 17 DATE C	OMPL (Ready to ) 6/27/1		18 ELE	EVATIONS (DF, RI GL 6071'			19 ELEV CASINGHEAD	
20 TOTAL DEPTH, MD &TV		J BACK T.D., MD &TVE	22 IF MULTIP	LE COMPL,		ERVALS		/ TOOLS	CABLE TOOLS	
MD 2887'		MD 2832'	Н	OW MANY* 2	DR	RILLED BY	I	voe	ı	
24 PRODUCTION INTERVA			M, NAME (MD AND				<u> </u>	yes 25 WAS DIREC		
Blanco Fruitlan	d Sand 2410' - :	2432'						SURVEY M.	ADE YES	
26 TYPE ELECTRIC AND C							27 WAS	WELL CORED		
GR/CCL/GSL									No	
28 CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (M		RD (Report all string		well) EMENTING RECO	RD I	Δ	MOUNT PULLED	
7"	20#, J-55	224'	8 3/4"			(82cf-15bbls			6 bbls	
4 1/2"	10.5#, J-55	2876'	6 1/4"	Surface,	284 sx	(572cf-102bb	ls)		35 bbls	
29	LINER RE	ECORD		30			Τυ	BING RECORI	)	
SIZE TOP (MD)	BOTTOM (MD)	SACKS CEMENT	T* SCREEN ()	MD) SIZE 2 3/8'		DEPTH SET ( 2598'	MD)	P/	ACKER SET (MD)	
			<del></del>	4.7# / J		2390				
1 PERFORATION RECOR		•	32		OH2 ,DIC	T, FRACTURE,	СЕМЕ	NT SQUEEZE,	ETC	
Blanco Fruitland San 20 2410' - 2432' = 26 H	•	₁/ .40 diam 2 SP	PF24	10' - 2432'					Frac w/ 33,919 gal 0/40 Brown sand.	
					7		<u></u>			
					_					
33.	•			PRODUCTION						
ATE FIRST PRODUCTION	<b>I</b>	=	owing, gas lift, pump	ping-size and type of pu	imp)			*	Producing or shut-in)	
N/A DATE OF TEST	HOURS TESTED	OWING CHOKE SIZE	PROD'N FOR	OILBBL	GASI	MCF	WATE	SI R-BBL	GAS-OIL RATIO	
0.000.4		1	TEST PERIOD	_						
6/27/11 LOW TUBING PRESS	1 CASING PRESSURE	1/2"	OILBBL	O GAS-MCI		1 mcf/h WATERBE	I BL	Trace	OIL GRAVITY-API (CORR)	
		24-HOUR RATE		1						
SI-311psi 34 DISPOSITION OF GAS	SI-313psi (Sold, used for fuel, vente	ed, etc )	0	28 mc	r/a	3	bwp	d TEST WITNESS	ED BY	
	To be sold	<u>-</u>								
35 LIST OF ATTACHMENT		- Fauth 1 O	4 DUC	1 44200						
This is a Basin Fruitla 36 I hereby certify that the for					ole records					
SIGNED 1970	2 17.	ey titl		Staff Regulatory		ain	DATE	A	CCEPTED FOR RI	ECORD
Title 19 II S.C. Section	*(Se	e instruction	s and Space	s for Addition		on Reverse			JUL 1 5 201	1

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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API # 30-045-35179			Florance A 210R			
Ojo Alamo	1330'	1526'	White, cr-gr ss.		Ojo Alamo	1330'
Kirtland	1526'	2308	Gry sh interbedded w/tight, gry, fine-gr ss.		Kirtland	1526'
Fruitland	2308'	2408'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.		Fruitland	2308'
Fruitland Sand	2408'	2658'		· [	Fruitland Sand	2408'
Pictured Cliffs	2658'	2887'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	2658'
Lewis			Shale w/siltstone stringers		Lewis Huerfanito Bent.	
Huerfanito Bentonite			White, waxy chalky bentonite		Huerfanito Bent.	
Chacra			Gry fn grn silty, glauconitic sd stone w/drk gry shale		Chacra	
Mesa Verde		-	Light gry, med-fine gr ss, carb sh & coal	l 🎇 l	Mesa Verde	
Menefee			Med-dark gry, fine gr ss, carb sh & coal		Menefee	
Point Lookout			Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	* 1	Point Lookout Mancos	
Mancos			Dark gry carb sh.	(E)	Mancos	
Gallup			Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg interbed sh	<b>\$</b>	Gallup	
Greenhorn			Highly calc gry sh w/thin Imst.		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	22	Dakota Morrison	
Morrison		1	Interbed grn, brn & red waxy sh & fine to coarse grn ss	100	Morrison	

Form 3160-4 (October 1990) - - - -

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

SUBMIT IN DUPLICATES
(See other Instructions on reverse side)

FOR APPROVED OMB NO 1004-0137

OMB NO 1004-0137

Expires: December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO

SF-080776-A

	ETION OR E	RECOMPLE	TION REDO	DET AND I	OC*	6 IF INDIAN, ALL	OTTEE OR TRIBE NAME
TYPE OF WELL.	OiL	GAS X WELL X	DRY Other	JKT AND L	.00		
	WELL	WELL	DRYOther			7 UNIT AGREEME	ENT NAME
TYPE OF COMPLETI	ION: 1 WORK   DEEP-	PLUG [	DIFF .		EM MEIT	Pepo.	rt to Lease SE NAME, WELL NO
WELL X	OVER EN	BACK	RESVR		TIA P		.,
NAME OF OPERATO	OR .			li Farm		9 API WELL NO	rance A 210R
	Resources Oil	& Gas Compar	ıy	11 11	1 1 2011		1-045-35179-00C
ADDRESS AND TELE				JU:		10. FIELD AND PO	
PO BOX 4289	9, Farmington, NA (Report location clean	M 87499 (5U5	) 326-9700 e with any State red	quirements: )	<u> </u>	Blanco	Fruitland Sand
PO BOX 4289 LOCATION OF WELL At surface F (	(SENW), 1516' FNI	L & 1719' FWL		MINE T	nt Land Manay	OR AREA	Fruitland Sand I., OR BLOCK AND SURVEY
				Suleau			
At top prod. interval re	eported below	SAME AS ABOV	'E			Section	25, T30N, R10W
At total depth SA	ME AS ABOVE						
		[14	PERMIT NO.	DATE ISSUED		12 COUNTY OR	13 STATE
						PARISH	1
DATE SPUDDED 16.	DATE T D REACHED	17. DATE COM	MPL. (Ready to prod)	I 11	8. ELEVATIONS (DF, F	San Juan	New Mexico  19 ELEV CASINGHEAR
1/4/2011	2/6/2011		6/27/11			KB 6086'	110 SEEV OAGINGHEAD
TOTAL DEPTH, MD &TV	VD 21. PLUG, I	BACK T D , MD &TVD	22 IF MULTIPLE C		3. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
MD 2887'		MD 2832'	2		DIVILLED BY	yes	1
PRODUCTION INTERVA	AL (S) OF THIS COMPL	ETION-TOP, BOTTOM	, NAME (MD AND TVI	D)*		25 WAS DII	RECTIONAL Y MADE
Blanco Fruitlan		2425 2432'				JURVE	YES
TYPE ELECTRIC AND C	OTHER LOGS RUN					27 WAS WELL COR	
GR/CCL/GSL	<del></del>		ASING RECORD (	Papert all atriage a	at in wall \	<u> </u>	No
CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (MD)	HOLE SIZE		ENT, CEMENTING REC	ORD	AMOUNT PULLED
7"	20#, J-55	224'	8 3/4"	Surface,	51 sx (82cf-15bbls	3)	6 bbls
4 1/2"	10.5#, J-55	2876'	6 1/4"	Surface, 28	4 sx (572cf-102bb	ols)	35 bbls
	LINER RE	SACKS CEMENT*	SCREEN (MD)	30 SIZE	DEPTH SET	TUBING RECO	PACKER SET (MD)
SIZE   TOP (MD)			1 00112211 (1112)			(1110)	TACKER GET (MD)
SIZE TOP (MD)	BOTTOM (MD)			2 3/8"	2598'	1	
				4.7# / J-55			
PERFORATION RECOR	RD (Interval, size and num	mbe);	32.	4.7# / J-55 ACID,	SHOT, FRACTURE,	CEMENT SQUEEZ	E, ETC
PERFORATION RECOR	RD (Interval, size and nuiti (2410' - 2425') wi	mbe);	32. <b>2410' -</b>	4.7# / J-55 ACID, 2425'	SHOT, FRACTURE,		E, ETC
PERFORATION RECOR	RD (Interval, size and nuiti (2410' - 2425') wi	mbe);		4.7# / J-55 ACID, 2425'	SHOT, FRACTURE,	10% Formic Aci	
PERFORATION RECOR	RD (Interval, size and nuiti (2410' - 2425') wi	mbe);		4.7# / J-55 ACID, 2425'	SHOT, FRACTURE,	10% Formic Aci	id. Frac w/ 33,919 gal # 20/40 Brown sand.
PERFORATION RECOR	RD (Interval, size and nuiti (2410' - 2425') wi	mbe);		4.7# / J-55 ACID, 2425'	SHOT, FRACTURE,	10% Formic Aci	id. Frac w/ 33,919 gal # 20/40 Brown sand.
PERFORATION RECOR	RD (Interval, size and nuiti (2410' - 2425') wi	mbe);		4.7# / J-55 ACID, 2425'	SHOT, FRACTURE,	10% Formic Aci	id. Frac w/ 33,919 gal # 20/40 Brown sand.
PERFORATION RECOR	RD (Interval, size and nuiti (2410' - 2425') wi	mbe);		4.7# / J-55 ACID, 2425'	SHOT, FRACTURE,	10% Formic Aci	id. Frac w/ 33,919 gal # 20/40 Brown sand.
PERFORATION RECOR	RD (Interval, size and nuiti (2410' - 2425') wi	mbe);		4.7# / J-55 ACID, 2425'	SHOT, FRACTURE,	10% Formic Aci	id. Frac w/ 33,919 gal # 20/40 Brown sand.
PERFORATION RECOR nco Fruitland Sand 410' - 2월25' = 26 Ho 고식 3 및 '	RD (Interval, size and nui i (2410' - 2425') wi oles Total	mber / .40 diam 2 SPF	2410' -	4.7# / J-55 ACID, 2425' A 7	SHOT, FRACTURE, acidize w/ 12 bbls 0Q 20# linear Gel	10% Formic Aci /foam w/ 70,87 <i>4</i>	id. Frac w/ 33,919 gal # 20/40 Brown sand.
PERFORATION RECOR nco Fruitland Sand 410' - 2425' = 26 He えせるよ	it (2410' - 2425') w. oles Total	mber  J. 40 diam 2 SPF  STION METHOD (Flowin	PR. g. gas liff, pumping-s.	4.7# / J-55 ACID, 2425'  A 7  CODUCTION ize and type of pump)	SHOT, FRACTURE, acidize w/ 12 bbls 0Q 20# linear Gel	10% Formic Aci /foam w/ 70,87 <i>4</i>	id. Frac w/ 33,919 gal # 20/40 Brown sand.
PERFORATION RECOR	RD (Interval, size and nui i (2410' - 2425') wi oles Total	mbe)  J. 40 diam 2 SPF  STION METHOD (Flowin)  WING  CHOKE SIZE PRO	PR g, gas lift, pumping-si	4.7# / J-55 ACID, 2425'  A 7  CODUCTION ize and type of pump)	SHOT, FRACTURE, acidize w/ 12 bbls 0Q 20# linear Gel	10% Formic Aci	id. Frac w/ 33,919 gal # 20/40 Brown sand.
PERFORATION RECOR  nco Fruitland Sand 2410' - 2425' = 26 He 2432'	it (2410' - 2425') w. oles Total	mbe)  J. 40 diam 2 SPF  STION METHOD (Flowin)  WING  CHOKE SIZE PRO	PR. g. gas liff, pumping-s.	4.7# / J-55 ACID, 2425'  A 7  CODUCTION ize and type of pump)	SHOT, FRACTURE, acidize w/ 12 bbls 0Q 20# linear Gel	10% Formic Aci	id. Frac w/ 33,919 gal # 20/40 Brown sand.
PERFORATION RECOR	PRODUCE FLO HOURS TESTED	TION METHOD (Flowing) WING CHOKE SIZE PROTES 1/2" CALCULATED O	PR g, gas lift, pumping-si	4.7# / J-55 ACID, 2425' A7 7 CODUCTION Ize and type of pump)	SHOT, FRACTURE, acidize w/ 12 bbls 0Q 20# linear Gel	WELL STATE SI WATER-BBL Trace	id. Frac w/ 33,919 gal # 20/40 Brown sand.
PERFORATION RECOR	PRODUCE FLO CASING PRESSURE	TION METHOD (Flowing METHOD (F	PR g, gas lift, pumping-s: T PERIOD IL-BBL	4.7# / J-55 ACID, 2425' AA 7 RODUCTION lize and type of pump) BL GAS-MCF	SHOT, FRACTURE, acidize w/ 12 bbls 0Q 20# linear Gel  GAS-MCF  1 mcf/h  WATER-BE	WELL STATE SI WATER-BBL Trace	id. Frac w/ 33,919 gal # 20/40 Brown sand.
FIRST PRODUCTION N/A OF TEST  6/27/11  TUBING PRESS  SI-311psi	PRODUCE FLO HOURS TESTED  1 CASING PRESSURE  SI-313psi	TION METHOD (Howin WING CHOKE SIZE PROTES 1/2" CALCULATED O 24-HOUR RATE	PR OIL-B	4.7# / J-55 ACID, 2425'  A 7  CODUCTION Ize and type of pump) IBL  O	SHOT, FRACTURE, acidize w/ 12 bbls 0Q 20# linear Gel  GAS-MCF  1 mcf/h  WATER-BE	WELL STATE SI WATER-BBL Trace	id. Frac w/ 33,919 gal # 20/40 Brown sand. # 20/40 Brown sand.  # 20/40
PERFORATION RECOR  nco Fruitland Sand 2410' - 2425' = 26 He  24132'  E FIRST PRODUCTION  N/A  E OF TEST  6/27/11  W TUBING PRESS  SI-311psi  DISPOSITION OF GAS (S	PRODUCE FLO CASING PRESSURE SI-313psi Sold, used for fuel, ventee To be sold	TION METHOD (Howin WING CHOKE SIZE PROTES 1/2" CALCULATED O 24-HOUR RATE	PR g, gas lift, pumping-s: T PERIOD IL-BBL	4.7# / J-55 ACID, 2425' AA 7 RODUCTION lize and type of pump) BL GAS-MCF	SHOT, FRACTURE, acidize w/ 12 bbls 0Q 20# linear Gel  GAS-MCF  1 mcf/h  WATER-BE	WELL STATE SI WATER-BBL Trace BL B bwpd	id. Frac w/ 33,919 gal # 20/40 Brown sand. # 20/40 Brown sand.  # 20/40
PERFORATION RECOR  ICO Fruitland Sand  410' - 2425' = 26 H  RECORD AND AND AND AND AND AND AND AND AND AN	PRODUCE FLO HOURS TESTED  CASING PRESSURE SI-313psi Sold, used for fuel, vente To be sold	TION METHOD (Flowing) WING CHOKE SIZE PROTES 1/2" CALCULATED O 24-HOUR RATE d, etc.)	PRIOD OIL-B	4.7# / J-55 ACID, 2425'  A 7  CODUCTION Ize and type of pump) BL  GAS-MCF  28 mcf/d	SHOT, FRACTURE, acidize w/ 12 bbls 0Q 20# linear Gel  GAS-MCF  1 mcf/h  WATER-BE	WELL STATE SI WATER-BBL Trace BL B bwpd	id. Frac w/ 33,919 gal # 20/40 Brown sand. # 20/40 Brown sand.  # 20/40
PERFORATION RECOR inco Fruitland Sand 2410' - 2425' = 26 Ho 2432' E FIRST PRODUCTION N/A E OF TEST 6/27/11 W TUBING PRESS	PRODUC FLO HOURS TESTED  1 CASING PRESSURE SI-313psi Sold, used for fuel, vente To be sold S nd Coal & Blanco	TION METHOD (Flowing) WING CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE d, etc.)	PRIOR OIL-B T PERIOD  IL-BBL  0  OHC per order #	4.7# / J-55 ACID, 2425'  A 7  CODUCTION Ize and type of pump) IBL  O GAS-MCF 28 mcf/d  4329.	SHOT, FRACTURE, acidize w/ 12 bbls 0Q 20# linear Gel  GAS-MCF 1 mcf/h  WATER-BE	WELL STATE SI WATER-BBL Trace B bwpd	Id. Frac w/ 33,919 gal # 20/40 Brown sand.  # 20/40 Brown sand.  US (Produoling or shuttin)/VS (CAS OIL GRAVITY-ARTICOR)  OIL GRAVITY-ARTICORY
PERFORATION RECOR  nco Fruitland Sand 2410' - 2425' = 26 He 2432'  E FIRST PRODUCTION N/A E OF TEST  6/27/11 W TUBING PRESS  SI-311psi DISPOSITION OF GAS (S	PRODUCE FLO HOURS TESTED  1 CASING PRESSURE SI-313psi Sold, used for fuel, vente To be sold S nd Coal & Blanco pregoing and attached in	TION METHOD (Flowing) WING CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE d, etc.)	PR	4.7# / J-55 ACID, 2425'  A 7  CODUCTION Ize and type of pump) IBL  O GAS-MCF 28 mcf/d  4329.	SHOT, FRACTURE, acidize w/ 12 bbls 0Q 20# linear Gel  SAS-MCF 1 mcf/h WATER-BE	WELL STATE SI WATER-BBL Trace B bwpd	id. Frac w/ 33,919 gal # 20/40 Brown sand. # 20/40 Brown sand.  # 20/40

API # 30-045-35179			Florance A 210R		
Ojo Alamo	1330'	1526'	White, cr-gr ss.	Ojo Alamo	1330'
Kirtland	1526'	2308'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1526
Fruitland	2308'	2658'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2308
Pictured Cliffs	2658'	2887'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2658
Lewis			Shale w/siltstone stringers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bent.	
Chacra			Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	
Mesa Verde			Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	
Menefee			Med-dark gry, fine gr ss, carb sh & coal	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.	Mancos	
Gallup			Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg interbed sh	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	Morrison	

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

SUBMIT IN DUPLICATE (See other In-structions on reverse side)

FOR APPROVED OMB NO 1004-0137

Expires. December 31, 1991
5 LEASE DESIGNATION AND SERIAL NO

SF-080776-A

	JOHN L			KECOI		I TO I THE I	ORT AND	LUG	)	-		EE OR TRIBE NAME
1a TYPE OF	F WELL		OIL WELL	GAS WELL	X	DRY Other						
b TYPE OF	F COMPLET	ION					_ F=3	( W) ( T)	THE PROPERTY	14.7 UN	IT AGREEMENT	to Lease
	NEW 🔽	WORK	DEEP-	PLUC		DIFF Other				8 FA	RM OR LEASE	NAME, WELL NO
	WELL 1	OVER	EN	BAC	· L	RESVROther	11/900					nce A 210R
2. NAME C	OF OPERATO	OR .						1	1 2001	9 AP	I WELL NO.	ICE A Z IUN
	urlington			& Gas C	ompan	у		UL 1	. 1 2011			45-35179-00CA
3 ADDRES	SS AND TEL O BOX 428	EPHONE 1 <b>9. Farm</b> i	NO naton. <b>N</b> i	M 87499	(505)	326-9700 e with any State re		miene e	n Field Of	10 FI	ELD AND POOL Basin F	
4. LOCATI	ON OF WEL	L (Report	location cle	arly and ın	accordanc	e with any State re	quirements')***	. 04 . 2	and Meriay	- 11 S	EC,T,R,M,C	ruitland Coal OR BLOCK AND SURVEY
At surfac	ce F	(SENW),	1516' FN	L & 1719'	FWL,		Sureal	uoico	XII CA T T T		OR AREA	
At top pr	rod interval r	eported be	elow	SAME A	S ABOV	E				ļ	Section 2	5, T30N, R10W
At total of	depth S/	AME AS	ABOVE							1		
					14	PERMIT NO	DATE ISSUE	D	<del></del>	12 C	OUNTY OR	I 13. STATE
					1		}				PARISH	1
				177	DATE COL	IDI (Danduta and)		172 12. 2	<del></del>	s	an Juan	New Mexico
15 DATE SP 1/4/20			D REACHED 6/2011	ין י	DATE COM	PL (Ready to prod) 6/27/11		18. ELE	VATIONS (DF, F			19. ELEV CASINGHEAD
	EPTH, MD &T		21. PLUG, E	BACK T.D., I	MD &TVD	22. IF MULTIPLE C	OMPL,	23. INTE	GL 6071' ERVALS		Y TOOLS	CABLE TOOLS
			i			HOW			LLED BY			
	MD 2887			MD 2832		1	<u> </u>	<u></u>		<u>L</u>	yes	<u> </u>
						NAME (MD AND TV	D)*				25 WAS DIRECT	
	Fruitland			<u></u>	146-	2610'					SSINVETIV	YES
6 TYPE EL	ECTRIC AND									27 WAS	S WELL CORED	
GR/C	CL/GSL											No
8	75/05:55		<del>- 10</del>	T 55==-		ASING RECORD (						
CASING SI	IZE/GRADE		T, LB /FT.		SET (MD)	HOLE SIZE 8 3/4"			MENTING REC		A	MOUNT PULLED
		20#	r, 3-33			0 3/4	Sunac	e, 515x	(82cf-15bbl)			6 bbls
4 1	/2"	10.5	#, J-55	28	76'	6 1/4"	Surface, 2	284 sx (	572cf-102 bt	ols)		35 bbls
			/ IN IED DE			l	<u> </u>				DINO DECODE	
9.			LINER RE	-CORD			130.			7111		
9. SIZE	TOP (MD)	ВОТ	LINER RE		CEMENT*	SCREEN (MD)	30. SIZE		DEPTH SET		BING RECORE	ACKER SET (MD)
	TOP (MD)	ВОТ			CEMENT*	SCREEN (MD)	SIZE 2 3/8"		DEPTH SET (		· · · · · · · · · · · · · · · · · · ·	
SIZE			TOM (MD)	SACKS	CEMENT*	SCREEN (MD)	SIZE 2 3/8" 4.7# / J-5		2598'	(MD)	P	ACKER SET (MD)
SIZE	ATION RECOI	RD (interval	TOM (MD)	SACKS (		32	SIZE 2 3/8" 4.7# / J-5 ACI			(MD)	P	ACKER SET (MD)
SIZE  PERFORA	ATION RECOI	RD (Interval,	TOM (MD) size and nuc 2600') w/	SACKS (	. SPF @		SIZE 2 3/8" 4.7# / J-5 ACI	D, SНОТ	2598' , FRACTURE,	(MD) CEMEN	P. IT SQUEEZE,	ACKER SET (MD) ETC
PERFORA PERFORA PERFORA PERFORA PERFORA	ATION RECOI	RD (interval) (2446' - 2 es; 3 SPF	TOM (MD) size and nuc 2600') w/	SACKS (	. SPF @	32	SIZE 2 3/8" 4.7# / J-5 ACI	D, SHOT	2598' , FRACTURE, e w/ 12 bbls	CEMEN	P. IT SQUEEZE,  prmic acid.	ACKER SET (MD) ETC Frac w/ 155,0976 gal
PERFORA psin Fruit 74' - 2600 oles. Tota	ATION RECOR	RD (interval) (2446' - 2 es; 3 SPF 108.	Size and nui 2600') w/ 2002' w/	SACKS ( mbe)r 40 diam 2 - 2574' =	SPF @ 33	32 <b>2546'</b> -	SIZE 2 3/8" 4.7# / J-5 ACI 2600'	D, SHOT	2598' , FRACTURE, e w/ 12 bbls	CEMEN	P. IT SQUEEZE,  prmic acid.	ACKER SET (MD) ETC
PERFORA psin Fruit 74' - 2600 ples. Tota	ation recoi	(2446' - 2 es; 3 SPF 108.	TOM (MD)  size and nu 2600') w/  @ 2449'	SACKS ( mbe)r 40 diam 2 - 2574' =	SPF @ 33	32	SIZE 2 3/8" 4.7# / J-5 ACI 2600'	Acidiza	2598' FRACTURE, e w/ 12 bbls # linear Gel	CEMEN 10% fo	P. IT SQUEEZE,  prmic acid.   w/ 112,697#	ETC Frac w/ 155,0976 gal 20/40 Brown sand.
PERFORA asin Fruit 74' - 2600 oles. Tota	ation recoi	(2446' - 2 es; 3 SPF 108.	TOM (MD)  size and nu 2600') w/  @ 2449'	SACKS ( mbe)r 40 diam 2 - 2574' =	SPF @ 33	32 <b>2546'</b> -	SIZE 2 3/8" 4.7# / J-5 ACI 2600'	Acidiza 75Q 25	2598' FRACTURE, e w/ 12 bbls # linear Gel	CEMEN 10% fo	P. P	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75
PERFORA asin Fruit 74' - 2600 oles. Tota	ation recoi	(2446' - 2 es; 3 SPF 108.	TOM (MD)  size and nu 2600') w/  @ 2449'	SACKS ( mbe)r 40 diam 2 - 2574' =	SPF @ 33	32 <b>2546'</b> -	SIZE 2 3/8" 4.7# / J-5 ACI 2600'	Acidiza 75Q 25	2598' FRACTURE, e w/ 12 bbls # linear Gel	CEMEN 10% fo	P. P	ETC Frac w/ 155,0976 gal 20/40 Brown sand.
PERFORA psin Fruit 74' - 2600 ples. Tota	ATION RECOR	(2446' - 2 es; 3 SPF 108.	TOM (MD)  size and nu 2600') w/  @ 2449'	SACKS ( mbe)r 40 diam 2 - 2574' =	SPF @ 33	32 <b>2546'</b> -	SIZE 2 3/8" 4.7# / J-5 ACI 2600'	Acidiza 75Q 25	2598' FRACTURE, e w/ 12 bbls # linear Gel	CEMEN 10% fo	P. P	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75
PERFORA psin Fruit 74' - 2600 ples. Tota	ation recoi	(2446' - 2 es; 3 SPF 108.	TOM (MD)  size and nu 2600') w/  @ 2449'	SACKS ( mbe)r 40 diam 2 - 2574' =	SPF @ 33	32 <b>2546'</b> -	SIZE 2 3/8" 4.7# / J-5 ACI 2600'	Acidiza 75Q 25	2598' FRACTURE, e w/ 12 bbls # linear Gel	CEMEN 10% fo	P. P	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75
PERFORA sin Fruit 74' - 2600 les. Tota	ation recoi	(2446' - 2 es; 3 SPF 108.	TOM (MD)  size and nu 2600') w/  @ 2449'	SACKS ( mbe)r 40 diam 2 - 2574' =	SPF @ 33	32 2546' - 2446' -	SIZE 2 3/8" 4.7# / J-5 ACI 2600'	Acidiza 75Q 25	2598' FRACTURE, e w/ 12 bbls # linear Gel	CEMEN 10% fo	P. P	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75
PERFORMATION OF THE PERFOR	ation recoi	(2446' - 2 es; 3 SPF 108.	Size and nui 2600') w/. = @ 2449' \$ refor	mber 40 diam 2 - 2574' =	? SPF @ 33	32 2546' - 2446' -	SIZE 2 3/8" 4.7# / J-5 ACI 2600'	Acidize 75Q 25 Acidize 25# lin	2598' FRACTURE, e w/ 12 bbls # linear Gel	CEMEN  10% fo //foam v  10% fo	P. IT SQUEEZE, primic acid. If 112,697#	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75
PERFORMATION PERFORMATION PROPERTY PERFORMATION PROPERTY PERFORMATION	ation recoidand Coal D' = 75 hole al Holes = - 10 f u went 1	(2446' - 2 es; 3 SPF 108.	Size and num 2600') w/. = @ 2449'  S repor	mber 40 diam 2 - 2574' =	? SPF @ 33	32 2546' - 2446' -	SIZE 2 3/8" 4.7# / J-5 ACI 2600'	Acidize 75Q 25 Acidize 25# lin	2598' FRACTURE, e w/ 12 bbls # linear Gel	CEMEN  10% fo /foam v  10% fo n w/ 55	P. IT SQUEEZE, primic acid. If 112,697#	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75 Brown sand.
PERFORMA  asin Fruit  174' - 2600  bles. Tota  Cevisur  u b seq	ATION RECOI land Coal D' = 75 hole al Holes = - 10 f u went 1	(2446' - 2 es; 3 SPF 108.	Exercise and number 2600') w/  Fig. 2449'  FRODUCE  FLOOR  FL	mber 40 diam 2 - 2574' =	SPF @ 33	32 2546' - 2446' - 2446' - 255 255 255 255 255 255 255 255 255 2	SIZE 2 3/8" 4.7# / J-5 ACI 2600' 2508'	Acidize 75Q 25 Acidize 25# lin	2598' , FRACTURE, e w/ 12 bbls # linear Gel e w/ 12 bbls lear Gel/foan	CEMEN  10% fo /foam v  10% fo m w/ 55	P. IT SQUEEZE, Drmic acid.   W/ 112,697#  Drmic acid.   0,535# 20/40	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75 Brown sand.
PERFORMA  PERFOR	ATION RECORDING TO THE PRODUCTION N/A	(2446' - 2 es; 3 SPF 108. Lint is	PRODUCE	sacks of the sacks	SPF @ 33	32 2546' - 2446' - 2446' -	SIZE 2 3/8" 4.7# / J-5 ACI 2600' 2508'	Acidize 75Q 25 Acidize 25# lin	2598' FRACTURE, e w/ 12 bbls # linear Gel e w/ 12 bbls lear Gel/foan	CEMEN  10% fc  //foam v  10% fc  m w/ 55	P. IT SQUEEZE, Drmic acid. W/ 112,697# Drmic acid. I,535# 20/40  WELL STATUS ( SI R-BBL	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75 Brown sand.
PERFORMATE FIRST PI	ATION RECORDING TO THE PRODUCTION N/A	(2446' - 2 12; 3 SPF 108. C-4por	Size and nuize a	sacks of the sacks	SPF @ 33 70 OD (Flowin	32 2546' - 2446' - 2446' - 2, gas lift, pumping-s D'N FOR OIL-E	SIZE 2 3/8" 4.7# / J-5 ACI 2600' 2508'	Acidize 75Q 25 Acidize 25# lin	2598' FRACTURE, e w/ 12 bbls # linear Gel e w/ 12 bbls lear Gel/foan	CEMEN  10% fc //foam v  10% fc m w/ 55	P. IT SQUEEZE, primic acid. If some solution in the solution i	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75 Brown sand.
PERFORMATE FIRST PI	ATION RECORDING TO THE PRODUCTION N/A	(2446' - 2 12; 3 SPF 108. C-4por	PRODUCE	sacks of the sacks	SPF @ 33	32 2546' - 2446' - 2446' - 255 255 255 255 255 255 255 255 255 2	SIZE 2 3/8" 4.7# / J-5 ACI 2600' 2508'	Acidize 75Q 25 Acidize 25# lin	2598' FRACTURE, e w/ 12 bbls # linear Gel e w/ 12 bbls lear Gel/foan	CEMEN  10% fc //foam v  10% fc m w/ 55	P. IT SQUEEZE, Drmic acid. W/ 112,697# Drmic acid. I,535# 20/40  WELL STATUS ( SI R-BBL	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75 Brown sand.
PERFORMATE FIRST PI	RODUCTION N/A	RD (Interval (2446' - 2 ss; 3 SPF 108. What is CASING F	Size and nuize a	mbey 40 diam 2 - 2574' = - tal c  CTION METHOWING CHOKE SIZ 1/2" CALCULAT	SPF @ 33	32 2546' - 2446' - 2446' - 2, gas lift, pumping-s D'N FOR OIL-E	SIZE 2 3/8" 4.7# / J-5 ACI 2600' 2508'	Acidize 75Q 28 Acidize 25# lin	2598' , FRACTURE, e w/ 12 bbls s# linear Gel e w/ 12 bbls lear Gel/foan mcf/h WATER-BB	CEMEN  10% fo //foam v  10% fo m w/ 55	P. IT SQUEEZE, primic acid. I w/ 112,697#  primic acid. I 5,535# 20/40  WELL STATUS ( SI R-BBL  Trace	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75 Brown sand.
PERFORMA  PERFOR	RODUCTION N/A	RD (Interval (2446' - 2 s; 3 SPF 108. CLPOT	PRODUCE FLO ESTED  113psi	SACKS (  mbe)  40 diam 2  - 2574' =  - 2576' =  CHON METHOWING  CHOKE SIZ  1/2"  CALCULAT  24-HOUR F	SPF @ 33	32 2546' - 2446' - 2446' -  PF	SIZE 2 3/8" 4.7# / J-5 ACII 2600' 2508'  ODUCTION The and type of pure BL 0 GAS-MCF	Acidize 75Q 28 Acidize 25# lin	2598' , FRACTURE, e w/ 12 bbls s# linear Gel e w/ 12 bbls lear Gel/foan mcf/h WATER-BB	CEMEN 10% fo /foam v 10% fo n w/ 55	P. IT SQUEEZE, primic acid. I w/ 112,697#  primic acid. I 5,535# 20/40  WELL STATUS ( SI R-BBL  Trace	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75 Brown sand.  (Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR
PERFORMA  PERFOR	RODUCTION N/A T//11 G PRESS	RD (Interval (2446' - 2 es; 3 SPF 108. Lint is Caper HOURS T CASING F SI-3 Sold. used	PRODUCE FLO ESTED  113psi	SACKS (  mbe)  40 diam 2  - 2574' =  - 2576' =  CHON METHOWING  CHOKE SIZ  1/2"  CALCULAT  24-HOUR F	SPF @ 33	32 2546' - 2446' - 2446' -  PF	SIZE 2 3/8" 4.7# / J-5 ACII 2600' 2508'  ODUCTION The and type of pure BL 0 GAS-MCF	Acidize 75Q 28 Acidize 25# lin	2598' , FRACTURE, e w/ 12 bbls s# linear Gel e w/ 12 bbls lear Gel/foan mcf/h WATER-BB	CEMEN 10% fo /foam v 10% fo n w/ 55	P. IT SQUEEZE, Drmic acid. If My 112,697# Drmic acid. If S,535# 20/40  WELL STATUS (SI R-BBL  Trace	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75 Brown sand.  (Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR
PERFORMA  PERFOR	RODUCTION N/A  T//11 FRESS  11psi HOTOM FASS	(2446' - 2 es; 3 SPF 108.  Caper 108.  Caper 108.  Caper 108.  Caper 108.  Casing F  Si-3  Sold used 1	PRODUCE FLO ested  1 pressure	SACKS (  mbe)  40 diam 2  - 2574' =  - + c  CTION METHOWING  CHOKE SIZ  1/2"  CALCULAT 24-HOUR F	OD (Flowing TES)	32 2546' - 2446' - 2446' - 2, gas lift, pumping-s D'N FOR OIL-E T PERIOD L-BBL 0	SIZE 2 3/8" 4.7# / J-5 ACI 2600'  2508'  CODUCTION 220 and type of pure BL 0 GAS-MCF 157 mcf	Acidize 75Q 28 Acidize 25# lin	2598' , FRACTURE, e w/ 12 bbls s# linear Gel e w/ 12 bbls lear Gel/foan mcf/h WATER-BB	CEMEN 10% fo /foam v 10% fo n w/ 55	P. IT SQUEEZE, Drmic acid. If My 112,697# Drmic acid. If S,535# 20/40  WELL STATUS (SI R-BBL  Trace	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75 Brown sand.  (Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR
PERFORMATE PIRST PI	RODUCTION N/A T//11 3 PRESS 11psi TION OF GAS (	HOURS T  CASING F  SI-3  Sold used  To be  Sind Coal	PRODUCE FLO ESTED  1 PRESSURE 13psi for fuel, vente e sold & Blanco	SACKS (  mbe)  40 diam 2  - 2574' =  - 1-20 c  CHOKE SIZ  1/2"  CALCULAT  24-HOUR F  d, etc)	SPF @ 33	32 2546' - 2446' - 2446' - 255	SIZE 2 3/8" 4.7# / J-5 ACI 2600'  2508'  ODUCTION 22 and type of puri BL  0 GAS-MCF 157 mcf	Acidize 75Q 25 Acidize 25# lin	2598' FRACTURE, e w/ 12 bbls # linear Gel e w/ 12 bbls lear Gel/foan  MCF mcf/h WATER-88	CEMEN 10% fo /foam v 10% fo n w/ 55	P. IT SQUEEZE, Drmic acid. If My 112,697# Drmic acid. If S,535# 20/40  WELL STATUS (SI R-BBL  Trace	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75 Brown sand.  (Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR
PERFORMATION PERFO	RODUCTION N/A T//11 3 PRESS 11psi TION OF GAS (	HOURS T  CASING F  SI-3  Sold used  To be  Sind Coal	PRODUCE FLO ESTED  1 PRESSURE 13psi for fuel, vente e sold & Blanco	SACKS (  mbe)  40 diam 2  - 2574' =  - 1-20 c  CHOKE SIZ  1/2"  CALCULAT  24-HOUR F  d, etc)	SPF @ 33	32 2546' - 2446' - 2446' - 2, gas lift, pumping-s D'N FOR OIL-E T PERIOD L-BBL 0	SIZE 2 3/8" 4.7# / J-5 ACI 2600'  2508'  ODUCTION 22 and type of puri BL  0 GAS-MCF 157 mcf	Acidize 75Q 25 Acidize 25# lin	2598' FRACTURE, e w/ 12 bbls # linear Gel e w/ 12 bbls lear Gel/foan  MCF mcf/h WATER-88	CEMEN 10% fo /foam v 10% fo n w/ 55	P. IT SQUEEZE, Drmic acid. If My 112,697# Drmic acid. If S,535# 20/40  WELL STATUS (SI R-BBL  Trace	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75 Brown sand.  (Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR
PERFORMATE PIRST PI	RODUCTION N/A  T//11 S PRESS  ATTACHMENT asin Fruitla sertify that the 1	HOURS T  CASING F  SI-3  Sold used  To be  Sind Coal	PRODUCE FLO ESTED  1 PRESSURE 113psi 100 Tuel, vente e sold & Blanco	SACKS (  mbe)  40 diam 2  - 2574' =  - 1-20 c  CHOKE SIZ  1/2"  CALCULAT  24-HOUR F  d, etc)	SPF @ 33  OD (Flowin) E PRO TES ED O AATE Complete a	32 2546' - 244	SIZE 2 3/8" 4.7# / J-5 ACI 2600'  2508'  ODUCTION 22 and type of puri BL  0 GAS-MCF 157 mcf	Acidize 75Q 25 Acidize 25# lin  GAS-M 7	2598' FRACTURE, e w/ 12 bbls # linear Gel e w/ 12 bbls lear Gel/foan  MCF mcf/h WATER-88	CEMEN 10% fo /foam v 10% fo n w/ 55	P. IT SQUEEZE, Drmic acid. If My 112,697# Drmic acid. If S,535# 20/40  WELL STATUS (SI R-BBL  Trace	ETC  Frac w/ 155,0976 gal 20/40 Brown sand.  Frac w/ 78,960 gal 75 Brown sand.  (Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR

API # 30-045-35179			Florance A 210R		
Ojo Alamo	1330'	1526'	White, cr-gr ss.	Ojo Alamo	1330'
Kirtland	1526'	2308'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1526'
Fruitland	2308'	2658'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2308'
Pictured Cliffs	2658'	2887'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2658'
Lewis			Shale w/siltstone stringers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bent.	
Chacra			Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	
Mesa Verde			Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	
Menefee			Med-dark gry, fine gr ss, carb sh & coal	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.	Mancos	
Gallup			Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	
Greenhorn			Highly calc gry sh w/thin Imst.	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	Morrison	