: SECEIVED

Form 3160-4 (October 1990)

DEPARTMENT OF THE INTERIOR OF Land Management Bureau of Land Management

JAN 3 0 2009

FOR APPROVED OMB NO. 1004-0137

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO.

										1	SF-078622	
ELL COMP	LETIO	NORI		PLE	TION F	REP	ORT AND	LC	)G*	8 IF	INDIAN, ALLOTTE	E OR TRIBE NAME
a. TYPE OF WELL:		OIL.	GAS WELL	X	DRY	Other			_	7		
TYPE OF COMPLE	ETION:		-		-				-	7 UN	NIT AGREEMENT	NAME
TYPE OF COMPLE		DEEP-	PLUG [	7	DIFF	L.				8 FA	ARM OR LEASE N	AME. WELL NO.
WELL	WORK .	EN	BACK	L	RESVR	Other			-	"		annung TT beliebe ( The
NAME OF OPERA	TOR						<del></del>			9 AF	Luthy 3S	
		SOURCE	ES OIL & G	AS (	COMPAN	Y				1	30-045-344	85 00 C (
ADDRESS AND TE			· <del>-                                    </del>				<del></del>			10 F	IELD AND POOL,	OR WILDCAT
PO BOX 42	89, Farm	nington, N	M 87499 (	505	326-970	00				<b> </b>	Basin FC/E	
	` .		•		nce with any	State i	equirements)*			1	SEC., T, FI, M., OF OR AREA	R BLOCK AND SURVEY
At surface L	אוווג פי (ואי	MME) 019.	' FNL, 2010'	rer								6N R8W, NMPM
At top prod. interva	i reported t	below	Same as	abo	ve					1		2.00.000,7.0
	_									1		
At total depth	same a	s above								Ì		
				14.	PERMIT N	Ó.	DATE ISSUE	D		12 C	OUNTY OR	13. STATE
				1						1	PARISH	Name Brand
DATE SPUDDED 11	6 DATE T	D. REACHED	17. DAT	E COM	IPL. (Ready to	o prod.)	L	18 5	LEVATIONS (DF, F	KR PT	San Juan	New Mexico  19. ELEV, CASINGHEAD
8/12/08	U. DATE!	12/3/08			28/09	_ p. 5 <b>u</b> . )		GL	6157'	K <b>B</b>	6168'	Tio. ELEY, CASING/TEAD
. TOTAL DEPTH, MD &	TVD		BACK T.D., MD &		22. IF MULT			23. IN	ITERVALS		Y TOOLS	CABLE TOOLS
2383'		1	2325'			но <b>w</b> м	ANY"	٦	PRILLED BY	ves		1
PRODUCTION INTER	VAL (S) OF	THIS COMPLI		гтом,	NAME (MD AI	ND TVD)	•	L		1768	25. WAS DIREC	TIONAL
Rolland Blater	od (1)44-	י יחלוני	2221								SURVEY MA	
TYPE ELECTRIC AND			2233							27. WA	S WELL CORED	No
	CL/CNL											No
<del> </del>				C	ASING REC	CORD (	Report all string	s set ii	n well)	<del></del>		
CASING SIZE/GRADE		IT, LB./FT	DEPTH SET	(MD)	HOLES	SIZE			CEMENTING RECO	ORD		MOUNT PULLED
7" 4 1/2"	20# J 10.5#		139' 2367'		8 3/4" 6 1/4"		surface; 34 s		cf- 10 bbls) sx (535cf- 95 l	hbic)	3 bbls	
7 1/4	10.3#	J-33	2307		15 1/4		100 surrace	230	PY (999CI- 85 I	uui8)	30 0018	
·		LINER RE					30.			ŤU	BING RECORD	
SIZE TOP (ME	) BOT	TOM (MD)	SACKS CEM	ENT.	SCREEN	(MD)	SIZE	EF	DEPTH SET	(MD)	PA	CKER SET (MD)
	-+		<del> </del>		+		2 3/8" 4.7# J-	33	2239'			· · · · · · · · · · · · · · · · · · ·
PERFORATION RECO	PRD (Interva	l, size and nun	nber)		32.				OT, FRACTURE			
ISPF					21	70' - 2						2 Foam w/100,000
'0' - 2177' = 7 hok '0' - 2200' = 20 ho								# 20/	40 Brady San	d & 27	0, 100 SCF N	2
4' - 2224' = 10 ho					<del></del>			-	<del></del>	<del></del>		
18' - 2233' = 5 hole	<b>8</b>											
al Holes = 42					ļ							
								<u> </u>				
		- Andrews	WALLES AND AND ADDRESS OF THE PARTY OF THE P	76	a an- 10		ODUCTION	<u> </u>				
E FIRST PRODUCTION SI W/O First Deli		PHODUC	Flowing		g, gas int, pùn	ipingsii	ze and type of pum	P)			WELL STATUS (	Producing or shul-in)
E OF TEST	HOURS T	ESTED	CHOKE SIZE		D'N FOR	OILBI	BL	GAS-	-MCF		R88L	GAS-OIL RATIO
	1			TES	T PERIOD				1	ł		RCVD FEB 2 '05
1/27/09 W. TUBING PRESS	1 CASING S	PRESSURE	1/2" CALCULATED	二	L-BBL		GASMCF		5.96 mcf	<u> </u>		OU CRAVITY ARE CORRE
W. IUDING PRESS	CASING	-neoaune	24-HOUR RATE		rDDL	ı	GAS-MUP		WATEHBE	7L		OIL COMS, DIV.
3#	237#			1			143 mcf/d		1 :			PAR VENTO, LILY,
DISPOSITION OF GAS		for fuel, vente	ed, etc.)								TEST WITNESSE	DIST. 3
To be s		<del> </del>							· · · · · · · · · · · · · · · · · · ·		<u></u>	rici. O
		ruitland Co	oai/Ballard Pe	C well	l beina DH	C per	order # 2867A	Z				
I hereby certify that the									,	····		
1.		. 111										and the second s
ED Succe	4.0	Mace	T	TLE	Staff Reg	julato	ry Technician			DATE	A	7(30/09 <u>-1)</u> FOR 7(2
_ ~ / _ 7			o instructi		and Space	on to	r Additional	Dot	on Boyers	o Gleio	`	

(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.





Ojo Alamo	1299' 1509'	White, cr-gr ss.	Ojo Alamo	1299′
Kirtland	1509' 1963'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1509′
Fruitland	1963' 2163'	Dk gry-gry carb sh, coal, grn silts, light-	Fruitland	1963'
		med gry, tight, fine gr ss.		
Pictured Cliffs	2163′	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2163'

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Form 3160-4 (October 1990)

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FOR APPROVED OMB NO. 1004-0137

UNITED STATES

DEPARTMENT OF THE INTERIORI Land (Manage All Cyclins on Bureau of Land Management mington Field Office

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ı						_
	5.	LEASE	DESIGNA	TION AND	SERIAL	NO
ı			D.C.O.G. 11			,

10011								SF-078622	
VELL COMPL	LETION OR	RECOMP	LETION F	REPORT	AND LO	OG*	6 IF	NDIAN, ALLOTTE	E OR TRIBE NAME
18. TYPE OF WELL:	OIL OIL	GAS WELL X	DRY	Other			1		
b. TYPE OF COMPLE						-	7 UN	IT AGREEMENT	NAME
NEW T	WORK DEEP-	PLUG	DIFF				B. FAI	RM OR LEASE N	AME. WELL NO.
WELL [	OVER EN	BACK	RESVR	Other		_	}		
NAME OF OPERAT	TOR				· · · · · · ·			Luthy 3S	
	TON RESOURC	ES OIL & GA	S COMPAN	Y			1		85 00CZ
ADDRESS AND TE	LEPHONE NO.						10. FI	ELD AND POOL,	OR WILDCAT
	89, Farmington, N							Basin FC/E	
LOCATION OF WE		-	•	State requireme	nts)"		1	EC., T , R , M., OF PRAREA	R BLOCK AND SURVEY
At surface U	nit B (NWNE) 615	FNL, 2010 FE	Į.				1		6N R8W, NMPM
At top prod. interval	reported below	Same as al	bove						J. (1017) 111111 111
							]		
At total depth S	same as above	ı							
		ī	14. PERMIT NO	D. DATE	ISSUED		12. C	OUNTY OR	13. STATE
				}			1	PARISH	Now Marie -
. DATE SPUDDED 16	B. DATE T.D. REACHE	D 17 DATE (	COMPL. (Ready to	prod.)	18 F	LEVATIONS (DF. F		San Juan R. ETC.)*	New Mexico 19 ELEV. CASINGHEAD
8/12/08	12/3/08	- 1	1/28/09		GL	6157'	KB	6168'	1
. TOTAL DEPTH, MD &T	VD 21. PLUG,	BACK T.D , MD &TVI				ITERVALS DRILLED BY	ROTARY	TOOLS	CABLE TOOLS
2383'	1	2325'		HOW MANY* 2	, ,	millen bt	yes		<b>}</b>
PRODUCTION INTERV	/AL (S) OF THIS COMPL		OM, NAME (MD AN	D TVD)*		<del></del>		25. WAS DIREC	
Basin Fruitland	d Coal 2018' - 2 <sup>-</sup>	150'					]	SURVEY MA	NO
TYPE ELECTRIC AND							27 WAS	WELL CORED	
GR/CC	CL/CNL	· · · · · · · · · · · · · · · · · · ·							No
				ORD (Report al					
ASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (M				CEMENTING RECO			MOUNT PULLED
7" 4 1/2"	20# J-55 10.5# J-55	139' 2367'	8 3/4" 6 1/4"			cf- 10 bbls) 8x (535cf- 95		3 bbls 30 bbls	
	LINER R			30.		· · · · · · · · · · · · · · · · · · ·		BING RECORD	
SIZE TOP (MD)	) BOTTOM (MD)	SACKS CEMEN	T' SCREEN		SIZE .7# <b>J-55</b>	DEPTH SET 2239'	(MD)	PA	CKER SET (MD)
						<del> </del>			
PERFORATION RECOR	RD (Interval, size and nu	mber)	32.	AT AZES		OT, FRACTURE			
; @3SPF 0' - 2116' = 18 hol	lan 21221 2-	150' - 51 hai-a		0' - 2150'		ize w/12 bbis X-Linked Pre-			rac w/2000 gal
0 - 2116 = 18 ROI	es 4133 · 4	150' = 51 holes	<u>'</u>						Brady Sand &
	les 2066' - 20	074' = 24 holes		•	1,13	5,500 SCF N2.			
8' - 2022' = 12 hoi			144141 44	174'	A - 1-4			rmic Acid r	oumped 2,000 gal
8' - 2022' = 12 hoi SPF	ion 2040: 0	M0' = 16 bal	2018'- 20						
8' - 2022' = 12 hol SPF 6' - 2036' = 20 hol	ies 2040' - 20	048' = 16 holes			25#	X-Linked Pre-	Pad fol	lowed by 24,	
8' - 2022' = 12 hol SPF 6' - 2036' = 20 hol	i <b>es</b> 2040' - 20	)48' = 16 holes			25# 1 Line: 980,	X-Linked Pre-	Pad fol	lowed by 24,	376 gai 25#
8' - 2022' = 12 hol SPF 6' - 2036' = 20 hol al holes = 141		048' = 16 holes		PRODUCTION	25# 1 Line: 980,	X-Linked Pre- ar 75% N2 Fo	Pad foll am w/9t	lowed by 24, 0,000# 20/40	376 gai 25#
18' - 2022' = 12 hol SPF 26' - 2036' = 20 hol tal holes = 141 EFIRST PRODUCTION SI W/O First Deliv	PRODU	спомметнов ( <i>Fi</i> c <b>Flowing</b>	owing, gas lift, pum	PRODUCTION plng-size and type	25# ) Line 980,4 of pump)	X-Linked Pre- ar 75% N2 Fo 500 SCF N2.	Pad foli am w/9i	lowed by 24, 0,000# 20/40 WELL STATUS (F	376 gal 25# Brady Sand &
18' - 2022' = 12 hol SPF 26' - 2036' = 20 hol tal holes = 141 EFIRST PRODUCTION SI W/O First Deliv	PRODU	CTION METHOD (FI Flowing  CHOKE SIZE  F	owing, gas lift, pum	PRODUCTION	25# ) Line 980,4 of pump)	X-Linked Pre- ar 75% N2 Fo	Pad foli am w/9i	lowed by 24, 0,000# 20/40 WELL STATUS (F	376 gal 25# Brady Sand & Producing or shul-in)  [GAS-OIL RATIO
18' - 2022' = 12 hol SPF 16' - 2036' = 20 hol al holes = 141 E FIRST PRODUCTION SI W/O First Delive E OF TEST	PRODUI Very HOURS TESTED	CTION METHOD (FIX Flowing CHOKE SIZE	owing, gas lift, pum	PRODUCTION plng-size and type	25# ) Line 980,4 of pump)	X-Linked Pre- ar 75% N2 Foi 500 SCF N2.	Pad foli am w/9i	lowed by 24, 0,000# 20/40 WELL STATUS (F	376 gal 25# Brady Sand &
8' - 2022' = 12 hol SPF 26' - 2036' = 20 hol al holes = 141 E FIRST PRODUCTION SI W/O First Deliv E OF TEST	PRODU	CTION METHOD (FI Flowing  CHOKE SIZE  F	owing, gas lift, pum	PRODUCTION plng-size and type	25# Lines 980,: of pump)	X-Linked Pre- ar 75% N2 Fo 500 SCF N2.	Pad foli am w/90	lowed by 24, 0,000# 20/40 WELL STATUS (F	376 gal 25# Brady Sand & Producing or shul-in)  [GAS-OIL RATIO
18' - 2022' = 12 hol SPF 26' - 2036' = 20 hol al holes = 141 EFIRST PRODUCTION SI W/O First Deliv E OF TEST 1/26/09 W. TUBING PRESS.	PRODUCTORY  HOURS TESTED  1  CASING PRESSURE	CTION METHOD (FIX Flowing  CHOKE SIZE	Owing, gas lift, pum PROD'N FOR TEST PERIOD	PRODUCTION ping-size and type OiL-BBL	25# Lines 980,: of pump)	K-Linked Pre- ar 75% N2 For 500 SCF N2. -MCF 8.63 mcf	Pad foli am w/90	lowed by 24, 0,000# 20/40 WELL STATUS (F	376 gal 25# Brady Sand & Producing or shut-in)  GAS-OIL RATIO  RCVD FEB 2 '03
18' - 2022' = 12 hol SPF 16' - 2036' = 20 hol al holes = 141 EFIRST PRODUCTION SI W/O First Deliv E OF TEST 1/26/09 W. TUBING PRESS.	PRODUCTORY  HOURS TESTED  1  CASING PRESSURE  237#	CTION METHOD (FA	Owing, gas lift, pum PROD'N FOR TEST PERIOD	PRODUCTION ping-size and type OiL-BBL	25# Lines 980,: of pump)	K-Linked Pre- ar 75% N2 For 500 SCF N2. -MCF 8.63 mcf	Pad foli am w/96 WATER	lowed by 24, 0,000# 20/40 WELL STATUS (F SI R-BBL	376 gal 25# Brady Sand &  Froducing or shul-in)  [GAS-OIL RATIO RCUD FEB 2 '09  OIL GRAVITY-API (CORR.)  OIL CONS. DIV.
18' - 2022' = 12 holes PSPF 26' - 2036' = 20 holes tal holes = 141 E FIRST PRODUCTION SI W/O First Delive F OF TEST 1/26/09 W. TUBING PRESS.	PRODUCTORY  HOURS TESTED  1  CASING PRESSURE  237# (Sold, used for fuel, vent	CTION METHOD (FA	Owing, gas lift, pum PROD'N FOR TEST PERIOD	PRODUCTION ping-size and type OiL-BBL	25# Lines 980,: of pump)	K-Linked Pre- ar 75% N2 For 500 SCF N2. -MCF 8.63 mcf	Pad foli am w/96 WATER	lowed by 24, 0,000# 20/40 WELL STATUS (F	376 gal 25# Brady Sand &  Froducing or shul-in)  [GAS-OIL RATIO RCUD FEB 2 '09  OIL GRAVITY-API (CORR.)  OIL CONS. DIV.
18' - 2022' = 12 hol ISPF 26' - 2036' = 20 hol Isl holes = 141  E FIRST PRODUCTION SI W/O First Deliv E OF TEST  1/26/09 W. TUBING PRESS.  3# DISPOSITION OF GAST To be so LIST OF ATTACHMENT	PRODUCTION PROSTED  1 CASING PRESSURE 237# (Sold, used for fuel, ventoold	CTION METHOD (FIX Flowing   CHOKE SIZE	PROD'N FOR TEST PERIOD	PRODUCTION ping-size and type OiL-BBL GAS-	25# ) Lines 980,: of pump)  GASMCF	K-Linked Pre- ar 75% N2 For 500 SCF N2. -MCF 8.63 mcf	Pad foli am w/96 WATER	lowed by 24, 0,000# 20/40 WELL STATUS (F SI R-BBL	376 gal 25# Brady Sand &  roducing or shut-in)  GAS-OIL RATIO RCVD FEB 2 '09  OIL GRAVITY-API (CORR.)  OIL CONS. DIV.
18' - 2022' = 12 hol ISPF 26' - 2036' = 20 hol Isl holes = 141 E FIRST PRODUCTION SI W/O First Delive E FIRST PRODUCTION SI W/O First Delive E OF TEST 1/26/09 W. TUBING PRESS. 3# DISPOSITION OF GAS IN TO be SO LIST OF ATTACHMENT This will be a	PRODUCTION OF THE PRODUCTION O	CTION METHOD (FIX Flowing CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE ed, etc.)	OWING, gas lift, pum PROD'N FOR TEST PERIOD OILBBL	PRODUCTION ping-size and type OitBBL GAS- 207 mc	25# )   Lines   980,5     of pump   GAS-	K-Linked Pre- ar 75% N2 For 500 SCF N2. -MCF 8.63 mcf WATER-BE	Pad foli am w/96 WATER	NOWER BY 24,00,000# 20/40 WELL STATUS (AS) R-BBL	376 gal 25# Brady Sand &  roducing or shut-in)  GAS-OIL RATIO RCUD FEB 2 '09  OIL GRAVITY-API (CORR.)  OIL CONS. DIV.  DBY  DIST. 3
8' - 2022' = 12 hol SPF 6' - 2036' = 20 hol al holes = 141  EFIRST PRODUCTION SI W/O First Delive FOF TEST  1/26/09 M. TUBING PRESS.  3# DISPOSITION OF GAS To be so LIST OF ATTACHMENT	PRODUCTION OF THE PRODUCTION O	CTION METHOD (FIX Flowing CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE ed, etc.)	OWING, gas lift, pum PROD'N FOR TEST PERIOD OILBBL	PRODUCTION ping-size and type OitBBL GAS- 207 mc	25# )   Lines   980,5     of pump   GAS-	K-Linked Pre- ar 75% N2 For 500 SCF N2. -MCF 8.63 mcf WATER-BE	Pad foli am w/96 WATER	NOWER BY 24,00,000# 20/40 WELL STATUS (AS) R-BBL	376 gal 25# Brady Sand &  roducing or shut-in)  GAS-OIL RATIO RCUD FEB 2 '09  OIL GRAVITY-API (CORR.)  OIL CONS. DIV.  DBY  DIST. 3
8' - 2022' = 12 hol SPF 6' - 2036' = 20 hol al holes = 141 EFIRST PRODUCTION SI W/O First Delive FOF TEST 1/26/09 N. TUBING PRESS. 3# DISPOSITION OF GAS To be so LIST OF ATTACHMENT This will be a Thereby certify that the form	PRODUCTION OF THE PRODUCTION O	CTION METHOD (FIX Flowing ICHOKE SIZE 1/2" CALCULATED 24-HOUR RATE ed, etc.)  Oal/Ballard PC of formation is complete	OWING, gas lift, pum PROD'N FOR TEST PERIOD OILBBL  well being DH(	PRODUCTION ping-size and type OitBBL GAS- 207 mc	GAS- MCF  ### 1867 AZ  raliable records	K-Linked Pre- ar 75% N2 For 500 SCF N2. -MCF 8.63 mcf WATER-BE	Pad foli am w/96 WATER	NOWER BY 24,00,000# 20/40 WELL STATUS (AS) R-BBL	376 gal 25# Brady Sand &  roducing or shut-in)  GAS-OIL RATIO RCVD FEB 2 '09  OIL GRAVITY-API (CORR.)  OIL CONS. DIV.

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 ANALYSTON FELD OFFICE CONTROL OF THE PROPERTY United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Ojo Alamo	1299' 1509'	White, cr-gr ss.	Ojo Alamo	1299′
Kirtland	1509' 1963'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1509'
Fruitland	1963' 2163'	Dk gry-gry carb sh, coal, grn silts, light-	Fruitland	1963'
		med gry, tight, fine gr ss.		
Pictured Cliffs	2163′	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2163'

