orm 3160-4)ctober 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

reverse side)

FÜR APPROVED OMB NO. 1004-0137

Expires: December 31, 1991	
5. LEASE DESIGNATION AND SERIAL NO.	
SF-077936	

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		DUN	EAU OF LAND	MANAGEMENT	DECE	NATE OF THE		F-077936	
	I ETIA	I OB BE	COMPLE	TION REPO	RT AND	OG*	6. IF IND	AN, ALLOTTEE (OR TRIBE NAME
LL COMP	LETIO	N OK KE				. 01			
YPE OF WELL:		WELL	WELL X	DRY Other	CB SEP Z	-P/1 1:04		AGREEMENT NA Jerfano Unit	ME
YPE OF COMPL				DIFF.		Electric Mill	8. FARM	OR LEASE NAM	E, WELL NO.
WEAT	X WORK OVER	DEEP-	PLUG BACK	RESVROther	ma trad		н	uerfano Unit i	#528
					UIO II.	a product of the con-	9. APIW		
IAME OF OPER	ATOR						30	0-045-29576	
			& GAS COMP	ANY				D AND POOL, O	RWLDCAT
DDRESS AND	TELEPHONE	NO.	100 (EDE)	326-9700	- mai	= n M = i A		asin Fruitland	
PO Box 4	289, Farmi	ngton, NM 87	and in accordan	ce with any State req	uvements)				BLOCK AND SURVEY
LOCATION OF VI At surface	7880' ABO	FNL, 1455'	FEL	·	lai .	ען	OR	AREA	
At Sullace					uu oct	5 1998	s	ec. 6, T-26-N	I. R-10-W
At top prod. inten	val reported t	pelow						.00.0,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
					000 CC	ON. DIV	,		
At total depth					जाए ज		<u> </u>		13. STATE
			14	, PERMIT NO.	DATE ISSUE	ion o		UNTY OR	13. SIMIE
									New Mexico
			TAY DATE OF	MPL. (Ready to prod.)-	7.1. 4.4. (No. 17. 17. 17. 17. 17. 17. 17. 17. 17. 17	18. ELEVÁTIÓNS (DF. R			19. ELEV. CASINGHEAD
DATE SPUDDED	L	T.D. REACHED	17. DATE CC			6565' GL, 65	77' KB		
5-11-98	5-13		8-24 CK T.D., MD &TVD		OMPL.,	23. INTERVALS	ROTARY	TOOLS	CABLE TOOLS
TOTAL DEPTH, M	D &TVD	ZI. PLUG, DA	SK 1.D., IIID 0.112	HOW M		DRILLED BY	10 0050	•	I
2250'		2203'					0-2250	25. WAS DIRECT	IONAL
PRODUCTION IN	TERVAL (S) O	F THIS COMPLET	ION-TOP, BOTTO	M, NAME (MD AND TVD)*		ľ	SURVEY MA	DE
							- 1		
1902' - 2122'	Fruitland C	oal					1	WELL CORED	
TYPE ELECTRIC SP-CNL-CCL	AND OTHER I	OGS RUN						NO	
				CASING RECORD	(Report all strings	s set in well)			MOUNT PULLED
ASING SIZE/GRA	DE WEK	GHT, LB./FT.	DEPTH SET (MI	D) HOLE SIZE	TOP OF CE	MENT, CEMENTING REC	ORD	Al	MOUNT POLLED
7	20#	ŧ	137'	8 3/4	56 cu ft				
		6#	2247'	6 1/4	509 cu ft				
4 1/2	11.	0#							
4 1/2	11.	O#			 				
4 1/2	11.		CORD		30.		TU	BING RECOR	
		LINER RE		T* SCREEN (MD)	30.	DEPTH SE			D ACKER SET (MD)
			CORD SACKS CEMEN	T* SCREEN (MD)		DEPTH SE 2075'			
		LINER RE		T* SCREEN (MD)	SIZE 1 1/2"	2075'	T (MD)	P	ACKER SET (MD)
SIZE TO	RECORD (Inte	LINER RE	SACKS CEMEN	32.	SIZE 1 1/2"	2075'	T (MD)	P. NT SQUEEZE.	ACKER SET (MD) ETC.
SIZE TO	RECORD (Inte	LINER RE	SACKS CEMEN	32. DEPTH IN	SIZE 1 1/2"	2075' ID, SHOT, FRACTUR	T (MD) E, CEME	NT SQUEEZE.	ACKER SET (MD) ETC. ERIAL USED
SIZE TO	RECORD (Inte	LINER RE	SACKS CEMEN	32.	SIZE 1 1/2"	2075' ID, SHOT, FRACTUR AN 410 bbl 25# linea 491 000 SCF	E, CEME	NT SQUEEZE. D KIND OF MATE	ETC. ERIAL USED Brady snd
SIZE TO	RECORD (Inte	LINER RE	SACKS CEMEN	32. DEPTH IN 1902' - 1997'	SIZE 1 1/2"	2075' ID, SHOT, FRACTUR AI 410 bbl 25# linea 491,000 SCF 435 bbl 30# linea	E, CEME NOUNT AN r gel, 90 N2 r gel, 90	NT SQUEEZE. D KIND OF MATE	ETC. ERIAL USED Brady snd
SIZE TO	RECORD (Inte	LINER RE	SACKS CEMEN	32. DEPTH IN	SIZE 1 1/2"	2075' ID, SHOT, FRACTUR AN 410 bbl 25# linea 491 000 SCF	E, CEME NOUNT AN r gel, 90 N2 r gel, 90	NT SQUEEZE. D KIND OF MATE	ETC. ERIAL USED Brady snd
PERFORATION 02, 1962. 1984	RECORD (Inte	LINER RE BOTTOM (MD) erval, size and num 97, 2122	SACKS CEMEN	32. DEPTH IN 1902' - 1997' 2097' - 2122'	SIZE 1 1/2" ACTERVAL (MD)	2075' ID, SHOT, FRACTUR AN 410 bbl 25# linea 491,000 SCF 435 bbl 30# linea 525,000 SCF	E, CEME NOUNT AN r gel, 90 N2 r gel, 90	NT SQUEEZE. D KIND OF MATI 000# 20/40 E	ETC. ERIAL USED Brady snd
PERFORATION 02, 1962. 1984	RECORD (Inte 4, 1997, 20	LINER RE BOTTOM (MD) erval, size and num 97, 2122	SACKS CEMEN	32. DEPTH IN 1902' - 1997' 2097' - 2122'	SIZE 1 1/2" ACTERVAL (MD)	2075' ID, SHOT, FRACTUR AN 410 bbl 25# linea 491,000 SCF 435 bbl 30# linea 525,000 SCF	E, CEME NOUNT AN r gel, 90 N2 r gel, 90	NT SQUEEZE. D KIND OF MATI ,000# 20/40 E	ETC. ERIAL USED Brady snd
PERFORATION 02, 1962, 1984 3. TE FIRST PRODU	RECORD (Inte	LINER RE BOTTOM (MD) Bryal, size and num 97, 2122 PRODUC	SACKS CEMEN IDET) CTION METHOD (F	32. DEPTH IN 1902' - 1997' 2097' - 2122'	ACTERVAL (MD) PRODUCTION —size and type of po	2075' ID, SHOT, FRACTUR AN 410 bbl 25# linea 491,000 SCF 435 bbl 30# linea 525,000 SCF	T (MD) E. CEME MOUNT AN r gel, 90 N2 r gel, 90 N2	NT SQUEEZE. D KIND OF MATI 000# 20/40 E	ETC. ERIAL USED Brady snd
PERFORATION 02, 1962. 1984 3. TE FIRST PRODUC	RECORD (Inte	LINER RE BOTTOM (MD) Inval, size and num 97, 2122	SACKS CEMEN	32. DEPTH IN 1902' - 1997' 2097' - 2122'	SIZE 1 1/2" ACTERVAL (MD)	2075' ID, SHOT, FRACTUR AN 410 bbl 25# linea 491,000 SCF 435 bbl 30# linea 525,000 SCF	T (MD) E. CEME MOUNT AN r gel, 90 N2 r gel, 90 N2	NT SQUEEZE. D KIND OF MATI 000# 20/40 E 000# 20/40 E	ETC. ERIAL USED Brady snd Brady snd (Producing or shut-in)
PERFORATION 02, 1962, 1984 3. TE FIRST PRODUCE 24-98 TE OF TEST	RECORD (Inte	LINER RE BOTTOM (MD) Bryal, size and num 97, 2122 PRODUC	SACKS CEMEN IDET) CTION METHOD (F	32. DEPTH IN: 1902' - 1997' 2097' - 2122' Towing, gas lift, pumping	ACTERVAL (MD) PRODUCTION —size and type of po	2075' ID, SHOT, FRACTUR AM 410 bbl 25# linea 491,000 SCF 435 bbl 30# linea 525,000 SCF mp) GAS-MCF 217 Pitot Gauge	T (MD) E.E. CEME MOUNT AN r gel, 90 N2 r gel, 90 N2 vvat	NT SQUEEZE. D KIND OF MATI 000# 20/40 E 000# 20/40 E	ETC. ERIAL USED Brady snd Grady snd (Producing or snut-in)
PERFORATION 02, 1962. 1984 3. TE FIRST PRODUCE 24-98 TE OF TEST	RECORD (Intel 4, 1997, 20)	LINER RE BOTTOM (MD) Bryal, size and num 97, 2122 PRODUC	SACKS CEMEN SIDER) CTION METHOD (Fing CHOKE SIZE CALCULATED	32. DEPTH IN' 1902' - 1997' 2097' - 2122'	ACTERVAL (MD) PRODUCTION —size and type of po	2075' ID, SHOT, FRACTUR AM 410 bbl 25# linea 491,000 SCF 435 bbl 30# linea 525,000 SCF mp) GAS-MCF 217 Pitot Gauge	T (MD) E.E. CEME MOUNT AN r gel, 90 N2 r gel, 90 N2 vvat	NT SQUEEZE. D KIND OF MATI 000# 20/40 E 000# 20/40 E	ETC. ERIAL USED Brady snd Grady snd (Producing or shut-in)
PERFORATION 02, 1962. 1984 3. TE FIRST PRODU 24-98 TE OF TEST 24-98 OW. TUBING PRE	RECORD (Inte 4, 1997, 201	LINER RE BOTTOM (MD) Broad, size and num 97, 2122 PRODUCT Flow RS TESTED	SACKS CEMEN IDET) CTION METHOD (Fing CHOKE SIZE	32. DEPTH IN: 1902' - 1997' 2097' - 2122' Towing, gas lift, pumping	ACTERVAL (MD) PRODUCTION —size and type of po	2075' ID, SHOT, FRACTUR AM 410 bbl 25# linea 491,000 SCF 435 bbl 30# linea 525,000 SCF mp) GAS-MCF 217 Pitot Gauge	T (MD) E.E. CEME MOUNT AN r gel, 90 N2 r gel, 90 N2 vvat	NT SQUEEZE. D KIND OF MATI 000# 20/40 E 000# 20/40 E WELL STATUS SI ER-BBL	ETC. ERIAL USED Brady snd (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CO
PERFORATION D2, 1962. 1984 3. TE FIRST PRODUCE 24-98 TE OF TEST 24-98 OW. TUBING PRE	RECORD (Inte 4, 1997, 20	LINER RESOUTOM (MD) Anyal, size and num 97, 2122 PRODUCT Flow RS TESTED	SACKS CEMEN TION METHOD (Fing CHOKE SIZE CALCULATED 24-HOUR RATE	32. DEPTH IN: 1902' - 1997' 2097' - 2122' Towing, gas lift, pumping	ACTERVAL (MD) PRODUCTION —size and type of po	2075' ID, SHOT, FRACTUR AM 410 bbl 25# linea 491,000 SCF 435 bbl 30# linea 525,000 SCF mp) GAS-MCF 217 Pitot Gauge	T (MD) E.E. CEME MOUNT AN r gel, 90 N2 r gel, 90 N2 vvat	NT SQUEEZE. D KIND OF MATI 000# 20/40 E 000# 20/40 E	ETC. ERIAL USED Brady snd (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CO
PERFORATION 02, 1962, 1984 3. TE FIRST PRODU 24-98 TE OF TEST 24-98 OW. TUBING PRE 159 34. DISPOSITION	RECORD (Inte 4, 1997, 200 CTION HOU	LINER RESOUTOM (MD) Anyal, size and num 97, 2122 PRODUCT Flow RS TESTED	SACKS CEMEN TION METHOD (Fing CHOKE SIZE CALCULATED 24-HOUR RATE	32. DEPTH IN: 1902' - 1997' 2097' - 2122' Towing, gas lift, pumping	ACTERVAL (MD) PRODUCTION —size and type of po	2075' ID, SHOT, FRACTUR AM 410 bbl 25# linea 491,000 SCF 435 bbl 30# linea 525,000 SCF mp) GAS-MCF 217 Pitot Gauge	T (MD) E.E. CEME MOUNT AN r gel, 90 N2 r gel, 90 N2 vvat	NT SQUEEZE. D KIND OF MATI 000# 20/40 E 000# 20/40 E WELL STATUS SI ER-BBL	ETC. ERIAL USED Brady snd (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CO
PERFORATION 02, 1962, 1984 3. TE FIRST PRODUCE 24-98 TE OF TEST 24-98 OW. TUBING PRE 159 14. DISPOSITION TO be	RECORD (Inte 4, 1997, 201 CTION HOU SS. CAS OF GAS (Sold,	LINER RESOUTOM (MD) Anyal, size and num 97, 2122 PRODUCT Flow RS TESTED	SACKS CEMEN TION METHOD (Fing CHOKE SIZE CALCULATED 24-HOUR RATE	32. DEPTH IN: 1902' - 1997' 2097' - 2122' Towing, gas lift, pumping	ACTERVAL (MD) PRODUCTION —size and type of po	2075' ID, SHOT, FRACTUR AM 410 bbl 25# linea 491,000 SCF 435 bbl 30# linea 525,000 SCF mp) GAS-MCF 217 Pitot Gauge	E, CEME MOUNT AN r gel, 90 N2 r gel, 90 N2 WAT	NT SQUEEZE. D KIND OF MATI 000# 20/40 E 000# 20/40 E WELL STATUS SI ER-BBL	ETC. ERIAL USED Brady snd (Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CO
PERFORATION 02, 1962, 1984 3. TE FIRST PRODUCE 24-98 OW. TUBING PRE 159 34, DISPOSITION To be 35, LIST OF ATTAI	RECORD (Inter- 4, 1997, 201 CTION HOU SS. CAS SI 6 SOID CHMENTS	PRODUCE Flow RS TESTED ING PRESSURE	SACKS CEMEN STON METHOD (Fring CHOKE SIZE CALCULATED 24-HOUR RATE Ted, etc.)	32. DEPTH IN' 1902' - 1997' 2097' - 2122' lowing, gas lift, pumping PROD'N FOR TEST PERIOD OIL-BBL	ACTERVAL (MD) PRODUCTION —size and type of pa	2075' ID, SHOT, FRACTUR AN 410 bbl 25# linea 491,000 SCF 435 bbl 30# linea 525,000 SCF IMP) GAS-MCF 217 Pitot Gauge WATER:	E, CEME MOUNT AN r gel, 90 N2 r gel, 90 N2 WAT	NT SQUEEZE. D KIND OF MATI 000# 20/40 E 000# 20/40 E WELL STATUS SI ER-BBL	ETC. ERIAL USED Brady snd (Producing or shuk-in) GAS-OIL RATIO OIL GRAVITY-API (CO
PERFORATION 02, 1962, 1984 3. TE FIRST PRODUCE 24-98 OW. TUBING PRE 159 34, DISPOSITION To be 35, LIST OF ATTAI	RECORD (Inter- 4, 1997, 201 CTION HOU SS. CAS SI 6 SOID CHMENTS	PRODUCE Flow RS TESTED ING PRESSURE	SACKS CEMEN STON METHOD (Fring CHOKE SIZE CALCULATED 24-HOUR RATE Ted, etc.)	32. DEPTH IN' 1902' - 1997' 2097' - 2122' lowing, gas lift, pumping PROD'N FOR TEST PERIOD OIL-BBL	ACTERVAL (MD) PRODUCTION —size and type of pa	2075' ID, SHOT, FRACTUR AN 410 bbl 25# linea 491,000 SCF 435 bbl 30# linea 525,000 SCF IMP) GAS-MCF 217 Pitot Gauge WATER:	E, CEME MOUNT AN r gel, 90 N2 r gel, 90 N2 WAT	NT SQUEEZE. D KIND OF MATI 000# 20/40 E 000# 20/40 E WELL STATUS SI ER-BBL	ETC. ERIAL USED Brady snd (Producing or shuk-in) GAS-OIL RATIO OIL GRAVITY-API (CO
PERFORATION 02, 1962, 1984 3. TE FIRST PRODUCE 24-98 OW. TUBING PRE 159 34, DISPOSITION To be 35, LIST OF ATTAI	RECORD (Inter- 4, 1997, 201 CTION HOU SS. CAS SI 6 SOID CHMENTS	PRODUCE Flow RS TESTED ING PRESSURE 61 Used for fuel, venioning and attached in the control of t	CHOKE SIZE CALCULATED 24-HOUR RATE 19d, etc.)	Jack DEPTH IN 1902' - 1997' 2097' - 2122' Jowing, gas lift, pumping PROD'N FOR OIL TEST PERIOD OILBBL	ACTERVAL (MD) PRODUCTION —size and type of po	2075' ID, SHOT, FRACTUR AN 410 bbl 25# linea 491,000 SCF 435 bbl 30# linea 525,000 SCF IMP) GAS-MCF 217 Pitot Gauge WATER:	T (MD) E. CEME MOUNT AN r gel, 90 N2 r gel, 90 N2 WAT	NT SQUEEZE. D KIND OF MATI 000# 20/40 E 000# 20/40 E WELL STATUS SI ER-BBL	ETC. ERIAL USED Brady Snd Brady Snd (Producing or Shuk-in) GAS-OIL RATIO OIL GRAVITY-API (CO
PERFORATION 02, 1962, 1984 3. TE FIRST PRODUCE 24-98 OW. TUBING PRE 159 34, DISPOSITION To be 35, LIST OF ATTAI	RECORD (Inter- 4, 1997, 201 CTION HOU SS. CAS SI 6 SOID CHMENTS	PRODUCE Flow RS TESTED ING PRESSURE 61 Used for fuel, venioning and attached in the control of t	SACKS CEMEN STON METHOD (Fring CHOKE SIZE CALCULATED 24-HOUR RATE Ted, etc.)	Jack DEPTH IN 1902' - 1997' 2097' - 2122' Jowing, gas lift, pumping PROD'N FOR OIL TEST PERIOD OILBBL	ACTERVAL (MD) PRODUCTION —size and type of pa	2075' ID, SHOT, FRACTUR AN 410 bbl 25# linea 491,000 SCF 435 bbl 30# linea 525,000 SCF IMP) GAS-MCF 217 Pitot Gauge WATER:	T (MD) E. CEME MOUNT AN r gel, 90 N2 r gel, 90 N2 WAT	NT SQUEEZE. D KIND OF MATI 000# 20/40 E 000# 20/40 E WELL STATUS SI ER-BBL	ETC. ERIAL USED Brady snd (Producing or shuk-in) GAS-OIL RATIO OIL GRAVITY-API (CO

1118' 1242' White, cr-gr ss. 1242' 1922' Gry sh interbedded w/tight, gry, fine-gr ss. 1922' 2126' Dk gry-gry carb sh, coal, grn silts, light- Ojo Alamo med gry, tight, fine gr ss. Cliffs 2126' 2250' Bn-Gry, fine grn, tight ss. NAME MEAS. DEPTH MEAS. DEPTH 1242	drill-stem, tests, including recoveries):	g depth inte	val tested, cus	recoveries): FORMATION TOP BOTTOM BOTTOM DESCRIPTION FORMATION TOP FORMATION TOP FORMATION FORMATION TOP FORMATIO	GEOI	GEOLOGIC MARKERS
1118' 1242' White, cr-gr ss. 1242' 1922' Gry sh interbedded w/tight, gry, fine-gr ss. 1922' 2126' Dk gry-gry carb sh, coal, grn silts, light- Ojo Alamo med gry, tight, fine gr ss. Fruitland 1922' 2126' Bn-Gry, fine grn, tight ss. 2126' 2250' Bn-Gry, fine grn, tight ss.		9	BOTTOM	ì	NAME	
1118' 1242' White, cr-gr ss. 1242' 1922' Gry sh interbedded w/tight, gry, fine-gr ss. 1922' 2126' Dk gry-gry carb sh, coal, grn silts, light- Ojo Alamo med gry, tight, fine gr ss. 2126' 2250' Bn-Gry, fine grn, tight ss. Pic.Cliffs 2126'		_				
1118' 1242' White, cr-gr ss. 1242' 1922' Gry sh interbedded w/tight, gry, fine-gr ss. 1922' 2126' Dk gry-gry carb sh, coal, grn silts, light- Ojo Alamo med gry, tight, fine gr ss. med gry, tight, fine gr ss. 2126' 2250' Bn-Gry, fine grn, tight ss. Pic.Cliffs 2126'						-
1242' 1922' Gry sh interbedded w/tight, gry, fine-gr ss. 1922' 2126' Dk gry-gry carb sh, coal, grn silts, light- Ojo Alamo med gry, tight, fine gr ss. Fruitland Fruitland Pic.Cliffs	Ojo Alamo	1118,		cr-gr		
1922' 2126' Dk gry-gry carb sh, coal, grn silts, light- Ojo Alamo med gry, tight, fine gr ss. Kirtland Fruitland Fruitland 2126' 2250' Bn-Gry, fine grn, tight ss. Pic.Cliffs	Kirtland	1242'		sh interbedded w/tight, gry,		
Fruitland 2126' 2250' Bn-Gry, fine grn, tight ss. Pic.Cliffs	Fruitland	1922'		ry carb sh, coal, grn sil tight, fine gr ss.	Ojo Alamo Kirtland	1118' 1242'
	Pictured Cliffs	2126'	2250'	fine grn, tight	Fruitland Pic.Cliffs	1922' 2126'
1118' 1242' White, cr-gr ss. 1242' 1922' Gry sh interbedded w/tight, gry, fine-gr ss. 1922' 2126' Dk gry-gry carb sh, coal, grn silts, light- Ojo Alamo med gry, tight, fine gr ss. Pruitland 1242' med gry, fine grn, tight ss. 8n-Gry, fine grn, tight ss.	FORMATION T	TOP	BOTTOM			- [유
1118' 1242' White, cr-gr ss. 1242' 1922' Gry sh interbedded w/tight, gry, fine-gr ss. 1922' 2126' Dk gry-gry carb sh, coal, grn silts, light- Ojo Alamo med gry, tight, fine gr ss. 2126' 2250' Bn-Gry, fine grn, tight ss. Nhite cr-gr ss. 1118' 1242' Sry silts, light- Ojo Alamo right ss. Pruitland 1242' Fruitland 1922' Pic.Cliffs 2126'				Ì	NAME	
1118' 1242' White, cr-gr ss. 1242' 1922' Gry sh interbedded w/tight, gry, fine-gr ss. 1922' 2126' Dk gry-gry carb sh, coal, grn silts, light- Ojo Alamo med gry, tight, fine gr ss. 2126' 2250' Bn-Gry, fine grn, tight ss.	-					
	Ojo Alamo Kirtland Fruitland Pictured Cliffs	1118' 1242' 1922' 2126'		cr-gr ss. interbedded w/tight, gry, gry carb sh, coal, grn sil , tight, fine gr ss. fine grn, tight ss.	Ojo Alamo Kirtland Fruitland Pic.Cliffs	1118 1242 1922 2126

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