Form 3160-4 (October 1990)

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

**BUREAU OF LAND MANAGEMENT** 

SUBMIT IN DUPLICATES

FOR APPROVED OMB NO. 1004-0137

(See other in-

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO. SE-078144

								101.1	1		31 -0701-44	
VELL C	OMPL	ETIO	NORI	RECOMPL	ETION	REPO	RT AND	) LC	) <b>G</b> * 2. 00	6. IF I	NDIAN, ALLOTTE	E OR TRIBE NAME
TYPE OF	WELL:		METT OIL	GAS X	CRY	Other	091111	13	44 2. m			
TYPE OF	COMPLETIC	ON:	•				20		1001	7. UN	IT AGREEMENT	NAME
	NEW X	WORK	DEEP-	PLUG	DIFF.	Other	650 1			8. FAI	RM OR LEASE N	AME, WELL NO.
	Well [1]	OVER	L EN 1	BACK	RESVR		12:0 : 1				Lloyd #2A	
	OPERATOR						-0 41 F3 F3 7	, ,			WELL NO.	
	RLINGTON S AND TELE			IL & GAS COM	PANY	36	5 1	5	$\theta$	10 E	30-045-2953 ELD AND POOL,	
	BOX 4289			87499 (50	5) 326 97	o O	En a u		U)	10. 71	Blanco Mesa	
LOCATIO	N OF WELL	(Report I	ocation clea NL. 1485'F	rly and in accordar	nce with and St	ate rebiji	ments)	33				R BLOCK AND SURVEY
AL 6011600		313,51	NL, 1400 F	-VVL,		_	× - 100	U:	מר	'	R AREA	
At top pro	d. interval re	ported be	work		$(\widehat{0})$		DNG.	DI	Vo			
At total de	epth					[]	E STEER				Sec. 24, T-36	D-N, R-11-W
				5						12.0	0.11.77/05	1
				1	4. PERMIT NO	). 	DATE ISSUE	D		l .	OUNTY OR P <b>ARIS</b> H	13. STATE
DATE 00:	innen lie									<u> </u>	San Juan	New Mexico
DATE SPU 4-1-98	100E0 116.	4-5-98	D. REACHED R	17. DATE C	OMPL. ( <i>Ready t</i> .qr	o prod.)			EVATIONS (DF. RI 6146 GR. 615		BR. ETC.)*	19. ELEV. CASINGHEAD
	PTH, MD &TV			ACK T.D., MD &TVC	22. IF MULT			23. INT	ERVALS		Y TOOLS	CABLE TOOLS
5350			5 <b>232</b>			HOW MAN	Y*	DF	RILLED BY	0-535	n	1
	ION INTERVA	L (S) OF 1		ETION-TOP, BOTTO	M, NAME (MD A	ND TVD)*		<u> </u>			25. WAS DIREC	TIONAL
<b>4530</b> -51	63 Mesave	rde									SURVEY M	ADE
	CTRIC AND O	THER LO	GS RUN			-				27. WA	WELL CORED	
	, CNL-GR				24000000	0000 (0		/	10	<u>.                                    </u>	No	
ASING SIZ	E/GRADE	WEIGH	T, LB./FT.	DEPTH SET (MI			port all string:		Well) EMENTING RECO	)RD		MOUNT PULLED
9 5/8		32.3#		246	12	1/4 23	36 cu.ft.					
7		23#		2861	83	3/4 76	31 cu.ft.					
					+	<del></del>	<del></del>					
			LINER RE	<del></del>		30					BING RECOR	)
SIZE 4 1/2	TOP (MD) 2702	BOT	TOM (MD) 5251	SACKS CEMENT 694 CU.ft.	C SCREEN		SIZE 3/8	-	DEPTH SET ( 5014	(MD)	Р	ACKER SET (MD)
7 112	2702	1	0231	094 60.11.	-	-  -		-	5014			
	TION RECOR	•		•	32.		AC	ID, SHO	OT, FRACTURE,	CEME	NT SQUEEZE.	ETC.
				7, 4641, 4668, 1, 4763, 4775,	DEP	TH INTERV	AL (MD)	2692	AMO bbl 1% KCl sli		OC DOOM 2014	
				<b>2,</b> 4935, 4940,	4360-486		<del></del>	2002	DDI 170 NCI SII	WU, 1	00,000# 20/4	o blady su
				9, 4974, 4978,	4898-516			3826	bbl 1% KCl sli	k wtr. 1	20.000# 20/4	0 Arizona sd
5, 4997.	5004, 5016	), 5014,	5018, 502	2, 5047, 5058,	Perforation		d on back					
	ODUCTION		PRODUC	CTION METHOD (FR	owing, gas lift, pu			mp)				(Producing or snut-in)
5-1-98 E OF TEST		HOURS T	ESTED	CHOKE SIZE IF	Flowing PROD'N FOR	OIL-BBL		GAS-	MCF	WATE	SI R-BBL	IGAS-OIL RATIO
5-1-98			:	1 1	TEST PERIOD			l				
W. TUBING	PRESS.	CASING F	PRESSURE	CALCULATED	OIL-BBL		GAS-MCF	1434	Pitot Gauge WATER-BB	<u>l</u> BL		OIL GRAVITY-API (CORE
si 980		SI 980	0	24-HOUR RATE								
_	ION OF GAS (	Sold. used	for fuel, vent		<u>_</u>	1			<b>L</b>		TEST WITNESS	ED BY
LIST OF A	TTACHMENTS	To be	sold									- <u> </u>
		None										
hereby ce	eruly that the fo			nformation is comple	te and correct as	determined	from all availat	nocer ek	ds			

\*(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 the body 2 the 1998 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Open Alamo  1284' 1363'  Bhite, cc-gr ss.  Fritinnel  1363' 2284'  Gry sh interbedded w/tight, gry, fine-gr ss.  Fritinnel  2284' 2612'  Dk gry-gry carb sh, coal, grn silts, light- Fritinnel Cliffs  2750' 3359'  Fritinnel  1285' 4266'  White, waxy chalky bentonite  2750' 3359'  White, waxy chalky bentonite  2750' 4422'  St. Gry fine-grn, dense stlingers  Whence work fine-grn, dense stlingers  Whence work fine-grn, dense stlingers  Whence work fine-grn, dense stliss.  Fritinnel  Cliff House work fine-grn, dense stliss.  Fritinger  Chacra  1284'  Fritinnel  2284'  Fritinnel  2282'  Fritinger  Chacra  3405'  Hurfanito Bent.  3359'  White, waxy chalky bentonite  2466'  Whence work fine-grn, dense stliss.  Fritinger  Chacra  3405'  Hence work fine-grn, dense stliss.  Fritinobout  422'  Manace work fine-grn, dense stliss.  Fritinobout  422'  Hence work fine-grn, dense stliss.  Fritinobout  422'  Honce work fine-grn, dense stliss.  Fritinobout  506;  5073, 5079, 5097, 5097, 5097, 5097, 5097, 5107, 5114, 5121, 5127, 5107, 5114, 5121, 5127, 5107, 5114, 5121, 5127, 5107, 5114, 5121, 5127, 5107, 5114, 5121, 5127, 5107, 5114, 5121, 5127, 5107, 5114, 5121, 5127, 5107, 5114, 5121, 5127, 5107, 5114, 5121, 5127, 5107, 5114, 5121, 5127, 5107, 5114, 5127, 5107,	recoveries):			recoverles):			
Rhite, cr-gr ss.  2284' 2612' Dk gry-gry carb sh, coal, grm silts, light— Ojo Alamo 1284' 2612' med gry, tight, fine gr ss.  2284' 2612' 2750' Bn-Gry, fine grn, tight ss.  2750' 3358' Shale w/siltstone stringers  2750' 3358' White, waxy chalky bentonite  3405' 4266' Gry fine grn silty, glauconitic ad stone Henefee 426' w/drk gry shale  4266' 4422' ss. Gry, fine-grn, dense sil ss.  4275' 3350' Med-dark gry, fine gr ss, carb sh & coal 505, 5073, 5079, 5097  4275' 5350' Med-light gry, very fine gr ss w/frequent 5107, 5114, 5121, 5127, 5114, 5121, 5127, 5114, 5121, 5127, 5107, 5140, 5163	70737	107	001100	DESCRIPTION, CONTENTS, ETC.	NAME	급	
Rhite, ct-gr ss.  Gry sh interbedded w/tight, gry, fine-gr ss.  2284' 2612' Dk gry-gry carb sh, coal, grn silts, light- Kirtland 2284' 2612' End gry, tight, fine gr ss.  2612' 2750' Bh-Gry, fine grn, tight ss.  2750' 3358' Shale w/siltstone stringers  2750' 3358' White, waxy chalky bentonite  3405' 4266' W/drk gry shale  4266' 4422' ss. Gry, fine-grn, dense sil ss.  4275' Ss. Gry, fine-grn, dense sil ss.  4275' Ss. Gry, fine-grn, dense sil ss.  4275' Med-dark gry, fine gr ss, carb sh s coal  4275' Ss. Gry, fine-grn, dense sil ss.  4275' Hed-light gry, very fine gr ss w/frequent  4275' Ss. Gry, fine-gr ss w/frequent  4275' Ss. Gry, fine gr ss, Carb sh s coal  4275' Ss. Gry, fine-gr ss w/frequent  4275' Ss. Gry, fine-gr ss sc. Gry, fine-gr ss w/frequent  4275' Ss. Gry, fine-gr ss w/frequent  4275' Ss. Gry, fine-gr ss, Carb sh s coal  4275' Ss. Gry, fine-gr ss, Carb sh s coal  4275' Ss. Gry, fine-gr ss, Carb sh sc. Call Sc. So. So. So. So. So. So. So. So. So. So						-	TRUE RT. DEPT
Hite, cr-gr ss.    1363' 2284'   Gry sh Interbedded w/tight, gry, fine-gr ss.     2284' 2612'   Db gry-gry carb sh, coal, grn silts, light-   Kirtland   1363'     2284' 2612'   2750'   En-Gry, fine grn, tight ss.   Fruitland   2284'     2612' 2750'   Shale w/siltstone stringers   Hnerfamito   Bent.   3358'     2750' 3358'   3405'   White, waxy chalky bentonite     3358' 4266'   Gry fin grn silty, glauconitic sd stone   Whencre   Whencre     4422' 4225'   Whed-dark gry, fine gr ss, carb sh 6 coal   Perforations continued     4925' 5350'   Add-light gry, very fine gr ss w/frequent     4925' 5350'   Shale w/siltstone   Shale     4422' 4925'   Shale w/siltstone   Shale     4421' 4925'   Shale w/siltstone     4422' 4925'   Shale w/siltstone   Shale     4421' 4925'   Shale w/siltstone     4422' 4925'   Shale w/siltstone     4422' 4925'   Shale w/siltstone     4422' 4925'   Shale w/siltstone     4421' 4925'   Shale w/siltstone     4422' 4925'   Shale w/siltstone     4422' 4925'   Shale w/siltstone     4422' 4925'   Shale w/siltstone     5065, 5073, 5079							
2284' 2612' Dk gry-gry carb sh, coal, grn silts, light- Kirtland 2284' 2612' 2750' Bn-Gry, fine grn, tight ss. Fruitland 2284' 2612' 2750' Shale w/siltstone stringers Huerfanito Bent. 3358' 3358' Shale w/siltstone stringers Huerfanito Bent. 3358' 3405' 4266' Gry fn grn silty, glauconitic sd stone w/ark gry shale 4266' 4422' ss. Gry, fine-grn, dense sil ss. Gry, fine-grn, dense sil ss. Gry, fine-grn, dense sil ss. Perforations continued 5065, 5073, 5079, 5097 sh breaks in lower part of formation 5133, 5140, 5163 tonite is the legal top of Mesa Verde in New Maxico (North of the Chacra line)	Ojo Alam <b>o</b>	1284	1363'	cr-gr		÷	
2284 2612' Dk gry-gry carb sh, coal, grn silts, light- med gry, tight, fine gr ss.  2284 Kirtland 2284 Ernitland 2284 Friitland 2284 Ph.Cliffs 2284 Ph.Cliffs 2358' 3358' Shale w/siltstone stringers  White, waxy chalky bentonite 3358' 4266' W/drk gry shale 422' 422' 425' Ss. Gry, fine-grn, dense sil ss.  4422' 4925' Med-dark gry, fine gr ss, carb sh 6 coal 4925' 5350' Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation  tonite is the legal top of Mesa Verde in New Maxico (North of the Chacra line)	Kirtland	1363*	2284'	sh interbedded w/tight, gry, fine			
med gry, tight, fine gr ss.  Rirtland 2284' 2612' 2750' Bh-Gry, fine grn, tight ss.  2750' 3358' Shale w/siltstone stringers  White, waxy chalky bentonite  3405' 4266' 4422' ss. Gry, fine-grn, dense sil ss.  442' 4925' Med-dark gry, fine-grn, dense sil ss.  4925' S350' Med-light gry, very fine gr ss, carb sh & coal sh breaks in lower part of formation  4925' 5350' Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation  5107, 5114, 5121, 5127  5133, 5140, 5163	Fruitland	2284'	2612'	gry-gry carb sh, coal, grn silts,	Ojo Alamo		-
2612' 2750' Bn-Gry, fine grn, tight ss.  2750' 3358' Shale w/siltstone stringers  2750' 3358' Shale w/siltstone stringers  Huerfanito Be chacra  3405' White, waxy chalky bentonite  Gry fn grn silty, glauconitic sd stone w/drk gry shale  4266' 4422' ss. Gry, fine-grn, dense sil ss.  4422' 4925' Med-dark gry, fine gr ss, carb sh & coal Perforation  4925' 5350' Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation  5107, 5114, 5133, 5140, 5133, 5140,				gry, tight, fin	Kirtland Fruitland	1363'	
ito Bentonite' 3358' 3405' White, waxy chalky bentonite Chacra  3405' 4266' Gry fn grn silty, glauconitic sd stone Winefee  a4266' 4422' ss. Gry, fine-grn, dense sil ss. Perforation  4422' 4925' Med-dark gry, fine gr ss, carb sh & coal 5065, 5073, sh breaks in lower part of formation  14925' 5350' Med-light gry, very fine gr ss w/frequent 5107, 5114, sh breaks in lower part of formation  15133, 5140,	Pictured Cliffs	2612	2750'	fine grn, tight	Pic.Cliffs	2612	
Huerfanito Be Huerfanito Be Huerfanito Be Chacra  3405' 4266' Gry fn grn silty, glauconitic sd stone w/drk gry shale ouse 4266' 4422' ss. Gry, fine-grn, dense sil ss.  4422' 4925' Med-dark gry, fine gr ss, carb sh & coal 5065, 5073, sh breaks in lower part of formation  1425' 5350' Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation  15107, 5114, sh breaks in lower part of formation  15133, 5140,	Lowis	2750'	3358′	w/siltstone	3		
ouse  3405' 4266'  4422'  422'  422'  422'  422'  422'  422'  Med-dark gry, fine-grn, dense sil ss.  Med-light gry, very fine gr ss, carb sh & coal sh breaks in lower part of formation  7505, 5073, 7517, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 5114, 75107, 75114, 75107,	Huerfani <b>to Ben</b> ton		3405'	waxy chalky	Huerfanito Beni Chacra		
w/drk gry shale ss. Gry, fine-grn, dense sil ss.  4422' 4925' Med-dark gry, fine gr ss, carb sh & coal 5065, 5073, ookout 4925' 5350' Med-light gry, very fine gr ss w/frequent 5107, 5114, sh breaks in lower part of formation 5133, 5140,	Chacra	3405'	4266'	fn grn silty, glauconitic sd	Cliff House	4266"	
ookout 4925' 4925' Med-dark gry, fine gr ss, carb sh & coal 5065, 5073, 4925' 5350' Med-light gry, very fine gr ss w/frequent 5107, 5114, sh breaks in lower part of formation 5133, 5140, nito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)		4266	4422'	rk gry shale Gry, fine-grn, dense sil	<b>Menefee</b> Pt.Lookout	<b>4422</b> * 4925*	
Med-light gry, very fine gr ss w/frequent 5107, 5114, sh breaks in lower part of formation 5133, 5140, sh breaks in lower part of formation 5133, sh breaks in lower part of formation 5133, sh breaks in lower part of formation 5133, s	Menofee	4422	4925"	gry, fine gr ss, carb sh &	Perforations	continued:	
Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)	Point Lookout	4925	5350*	d-light gry, very fine gr breaks in lower part of 1	5065, 5073, 5107, 5114, 5133, 5140,	5079, 5097, 5121, 5127, 5163	
	*Huerfanito Bento	<del>1</del> 9	legal	Mesa Verde in New Mexico (North of the	ine)	<del>-</del>	
							• •