Form 3160-4 (October 1990)

**UNITED STATES DEPARTMENT OF THE INTERIOR**  SEP O Detroit

FOR APPROVED OMB NO. 1004-0137

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

BUREAU OF LAND MANAGEMENT Farmington Field Office

						of the at Manager	Sr.	0/9289-A			
				TION REPO	ORTAND	riog************************************	6 TF INDIAN, ALLOT	IEE OR TRIBE NAME			
1a TYPE OF	WELL.	OIL WELL	GAS WELL X	DRY							
b TYPE OF	COMPLETIC	ON.					7 UNIT AGREEMEN San Ju	г NAME Jan 28-7 Unit			
	NEW WELL	WORK DEEP-	PLUG BACK	DIFF RESVR X Other	RECOMPLI	ETE	8 FARM OR LEASE				
	WELL []	OVER EN [	BACK	REGVI	-			159M			
	OPERATOR						9 API WELL NO				
		ps Company						039-25572			
	S AND TELE	PHONE NO. ), Farmington, NN	197400 (505	326-9700			10 FIELD AND POOL, OR WILDCAT  Blanco PC South				
		(Report location clea			quirements)*		11 SEC, T, R, M, OR BLOCK AND SURVEY				
At surface	e Uni	t I (NESE), 1605'	FSL & 330' FEL				OR AREA				
At top pro-	od interval rej	ported below	same as above				Sec. 2	2, T28N, R7W			
At total de	epth <b>sa</b> n	ne as above									
			14	PERMIT NO.	DATE ISSUEI	)	12 COUNTY OR	13 STATE			
					1		PARISH				
15 0175 0011	DDCD 140	D.T. T. D. D.T. A. U.S.D.	117 DATE COL	MPL, (Ready to prod.)	<u> </u>		Rio Arriba	New Mexico			
15 DATE SPUI 5/27/9		DATE T D REACHED 6/4/96	II DATE COI	8/17/11		18 ELEVATIONS (DF, RI	KB, RT, BR, ETC )*	19 ELEV CASINGHEAD			
	PTH, MD &TVE		ACK T D , MD &TVD	22 IF MULTIPLE CO		23 INTERVALS	ROTARY TOOLS	CABLE TOOLS			
	7005'		75051	HOWN		DRILLED BY	1	1			
	7835'	(S) OF THIS COMPLET	7505'	NAME (MD AND TVD)*	<u> </u>		yes 25 WAS DIRE	CTIONAL			
				V III 2 (III 2 / II 2 / I 7 2 )			SURVEY	MADE			
		Cliffs South 3:	352' - 3388'					NO			
	CCL/GRL						27 WAS WELL CORED	, No			
28				CASING RECORD (	Report all strings	set in well)	<u></u>				
CASING SIZ		WEIGHT, LB /FT	DEPTH SET (MD)			ENT, CEMENTING RECO	ORD	AMOUNT PULLED			
9 5/8",	K-55	36#	282	12 1/4"	Sı	ırface, 135sx					
711 12		224	3676'	8 3/4"	тос.	@ 42001 E2E					
7", K 4 1/2",		23# 10.5# & 11.6#	7830'	6 1/4"	TOC @ 1200', 535sx TOC @ 1750', 610sx						
29		LINER RE			30	<u> </u>	TUBING RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET	(MD)	PACKER SET (MD)			
					2 3/8", 4.7#,	J-55 5480'		===			
PERFORA	TION RECORE	) (Interval, size and num	ber)	32	ACIE	), SHOT, FRACTURE	, CEMENT SQUEEZE	E, ETC			
		South w/ 34" dia	m.	3352' -	- 3388'	Acidized w/ 10bbls	s 10% Formic Acid	d. Frac w/ 16,590gals			
-	52' - 3388' =					70% 20# Linear Ge N2:555,000SCF.	el Foam w/ 100,95	5# of 20/40 Brady Sand.			
ictured Cii	iffs Total H	oles = 68			•			RCVD SEP 9'11			
								<del>JIL CONS. DIV.</del>			
								DIST.3			
33			TIONING		RODUCTION						
ATE FIRST PR	N/A	1	CTION METHOD ( <i>Flow</i> DWING	ing, gas lift, pumpings	uze and type of pump	')	SI	S (Producing or shut-in)			
ATE OF TEST	INIA	HOURS TESTED		ROD'N FOR OILE	3BL	GASMCF	WATERBBL	GAS-OIL RATIO			
			1	ST PERIOD	l						
8/16 LOW TUBING		1 hr.	1/2"	OILBBL	GASMCF	76 mcf/h WATERBE	19 bwp/h	011 0041/07/ 401/0000			
SI -42		SI -429 psi	24-HOUR RATE	0	915 mcf/		56 bwp/d	OIL GRAVITY-API (CORR)			
		Sold, used for fuel, vente	d, etc )	<u></u>	1	1	TEST WITNES	SED BY			
35 LIST OF A	TTACHMENTS	To be sold									
		。 ed MV/PC/FC wel	l per DHC 4349.								
		regoing and attached inf		nd correct as determine	ed from all available r	ecords		A Marian ( Marian and American			
SIGNED	<u> </u>	Lul ) d	MSSE TITLE	Staf	f Regulatory Te	echnicain	_ DATE	asystication;			

\*(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

SEP 0 6 2011



NMOCD A

API # 30-039-25572			San Juan 28-7 Unit 159M (Recomplete)		<u> </u>
Ojo Alamo	2810'		White, cr-gr ss.	Ojo Alamo	2810'
Kirtland	3079'	2965'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3079'
Fruitland	2965'		Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2965'
Pictured Cliffs	3343'		Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3343'
Lewis	3422'	3940'	Shale w/siltstone stringers	Lewis	3422'
Chacra	4294'	4978'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4294'
Cliffhouse	4978'	5126'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4978'
Menefee	5126'	5530'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5126'
Point Lookout	5530'	6022'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5530'
Mancos	6022'	6828'	Dark gry carb sh.	Mancos	6022'
Gallup	6828'	7509'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg interbed sh	Gallup	6828'
Greenhorn	7509'	7557'	Highly calc gry sh w/thin lmst.	Greenhorn	7509'
Graneros	7557'	7602'	Dk gry shale, fossil & carb w/pyrite ıncl.	Graneros	7557'
Dakota	7602'	7835'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7602'

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Form 3160-4 (October 1990)

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

(See other In-structions on reverse side)

SUBMIT IN DUPLICATE OMB NO 1004 SEP 02 2011

Expires: December 31, 1991

5 LEASE DESIGNATION AND SERIAL NON FIELD Office

									31-0	179289-Af Land Man	
ELL COMP	LETIC	ON OR R	ECOMPL	ETION REPO	ORT AND	LOG	*	6 IF IN	DIAN, ALLOTTE	E OR TRIBE NAME	
TYPE OF WELL		OIL WELL	GAS WELL X	DRY Other				İ			
TYPE OF COMPL	ETION.	WELL [						7. UNIT AGREEMENT NAME San Juan 28-7 Unit			
NEW WELL	WOR		PLUG BACK	DIFF RESVR X Other	RECOMPL	ETE.		8 FAR		AME, WELL NO.	
		l								159M	
NAME OF OPERA								9 API	WELL NO	20 25572	
ConcoPI ADDRESS AND T								10 FIF	LD AND POOL,	39-25572 OR WILDOAT	
PO BOX 4289, Farmington, NM 87499 (505) 326-9700								Basin Fruitland Coal			
				ance with any State re	quirements)*				C,T,R,M,O	R BLOCK AND SURVEY	
At surface	Unit I (N	ESE), 1605'	FSL & 330' FE	iL.				OI	R AREA		
At top prod interv	al reported	below	same as abov	ve .					Sec. 22	, T28N, R7W	
At total depth	same as	above						ļ			
			ſ	14. PERMIT NO	DATE ISSUE	:D		1	OUNTY OR	13 STATE	
									ARISH	New Mexico	
DATE SPUDDED	16 DATE	T D REACHED	17 DATE O	COMPL (Ready to prod.)	1	18 ELE	VATIONS (DF, RI		o Arriba R, ETC)*	19 ELEV CASINGHEAD	
5/27/96		6/4/96		8/17/11		L		556'	<u> </u>		
TOTAL DEPTH, MD	&TVD	21 PLUG, B	ACK T D, MD &TV	D 22 IF MULTIPLE CO		23 INTE	ERVALS ILLED BY	ROTARY	TOOLS	CABLE TOOLS	
7835'			7505'	· ·	3	"	ILLED DI	I	yes .	1	
	RVAL (S) OF	THIS COMPLE		M, NAME (MD AND TVD)*				1:	25 WAS DIREC		
Basin Fruitla	nd Coal	3246' - 22	38'						SURVEY M	NO	
TYPE ELECTRIC AN								27 WAS	WELL CORED	110	
CBL/CCL/G	RL									No	
				CASING RECORD							
CASING SIZE/GRADE	WEI	GHT, LB /FT.	DEPTH SET (A					ORD	Α	AMOUNT PULLED	
9 5/8", K-55	-+-	36#	282	12 1/4"	+	unace	, 135sx				
7", K-55		23#	3676'	8 3/4"	тос	C @ 12	00', 535sx				
4 1/2", K-55	10.	5# & 11.6#	7830'	6 1/4"			50', 610sx				
		LINER RE					0.500	TUBING RECORD			
	MU)   B	OTTOM (MD)	SACKS CEMEN	SCREEN (MD)	2 3/8", 4.7#,	J-55	5480'	(IVID)		ACKER SET (MD)	
SIZE TOP (			r				3.00			***	
							T. FRACTURE	051451	IT SQUEEZE,	ETC.	
PERFORATION REG			ber)	32		ID, SHO	1,110.00.00.00.	, CEMEN			
PERFORATION REC	oa w/ .40	" dıam	ber)		- 3296'	Acidiz	ze w/ 12bbls	10% Fc		Frac w/ 835bbls 25#	
PERFORATION REC pper Fruitland Co SPF @ 3246' - 32'	oa w/ .40 96' = 80 h	" dıam noles	ber)			Acidiz Linea	ze w/ 12bbls r 75% N2 Foa	10% Fc			
PERFORATION REC pper Fruitland Co SPF @ 3246' - 32 ower Fruitland C	oa'w/.40 96' = 80 h oalw/ 40	" dıam noles ı" dıam.	ber)	3246'		Acidiz Linea N2:1,	ze w/ 12bbls r 75% N2 Foa 524,700SCF.	10% Fo am w/ 5	7,647# 20/4	Frac w/ 835bbls 25# 0 Arizona Sand.	
PERFORATION REC pper Fruitland Co SPF @ 3246' - 32 ower Fruitland C SPF @ 3318' - 33	oa w/.40 96' = 80 h oalw/40 38' = 48 h	" diam noles " diam. ioles	ber)	3246'	- 3296'	Acidiz Linea N2:1,5 Acidiz	ze w/ 12bbls r 75% N2 Foa 524,700SCF. ze w/ 12bbls	10% Fo am w/ 5	7,647# 20/4 ormic Acid. I	Frac w/ 835bbls 25#	
PERFORATION REC pper Fruitland Co SPF @ 3246' - 32 ower Fruitland C SPF @ 3318' - 33	oa w/.40 96' = 80 h oalw/40 38' = 48 h	" diam noles " diam. ioles	ber)	3246'	- 3296'	Acidiz Linea N2:1, Acidiz Linea	ze w/ 12bbls r 75% N2 Foa 524,700SCF. ze w/ 12bbls	10% Fo am w/ 5	7,647# 20/4 ormic Acid. I	Frac w/ 835bbls 25# 0 Arizona Sand. Frac w/ 433bbls 25# 0 Arizona Sand.	
PERFORATION REC pper Fruitland Co SPF @ 3246' - 32 ower Fruitland C SPF @ 3318' - 33	oa w/.40 96' = 80 h oalw/40 38' = 48 h	" diam noles " diam. ioles	ber)	3246'	- 3296'	Acidiz Linea N2:1, Acidiz Linea	ze w/ 12bbls r 75% N2 Foa 524,700SCF. ze w/ 12bbls r 75% N2 Foa	10% Fo am w/ 5	7,647# 20/4 ormic Acid. I	Frac w/ 835bbls 25# 0 Arizona Sand. Frac w/ 433bbls 25#	
PERFORATION REC pper Fruitland Co SPF @ 3246' - 32 ower Fruitland C SPF @ 3318' - 33	oa w/.40 96' = 80 h oalw/40 38' = 48 h	" diam noles " diam. ioles	ber)	3246'	- 3296'	Acidiz Linea N2:1, Acidiz Linea	ze w/ 12bbls r 75% N2 Foa 524,700SCF. ze w/ 12bbls r 75% N2 Foa	10% Fo am w/ 5	7,647# 20/4 ormic Acid. I	Frac w/ 835bbls 25# 0 Arizona Sand. Frac w/ 433bbls 25# 0 Arizona Sand.	
PERFORATION RECOPER Fruitland Cooper Fruitland Cooper Fruitland Cooper @ 3318' - 33 uitland Coal Tot	oa'w/.40 96' = 80 h oalw/ 40 38' = 48 h al Holes :	" diam noles " diam. noles = 128		3246' 3318'	- 3296' - 3338'	Acidiz Linea N2:1, Acidiz Linea N2:51	ze w/ 12bbls r 75% N2 Foa 524,700SCF. ze w/ 12bbls r 75% N2 Foa	10% Fo am w/ 5	7,647# 20/4 ormic Acid. I 5,708# 20/4	Frac w/ 835bbls 25# 0 Arizona Sand.  Frac w/ 433bbls 25# 0 Arizona Sand.  RCUD SEP 9 '11  OIL CONS. DIV	
PERFORATION RECEIPMENT FOR THE PERFORATION RECEIPMENT FOR THE PERFORMENT PRODUCTION PERFORMENT PRODUCTION PERFORMENT PRODUCTION PERFORMENT PRODUCTION PERFORMENT PRODUCTION PERFORMENT PRODUCTION PERFORMENT PERFORMENT PERF	oa'w/.40 96' = 80 h oalw/ 40 38' = 48 h al Holes :	" diam noles " diam. ioles = 128	CTION METHOD (F	3318'	- 3296' - 3338'	Acidiz Linea N2:1, Acidiz Linea N2:51	ze w/ 12bbls r 75% N2 Foa 524,700SCF. ze w/ 12bbls r 75% N2 Foa	10% Fo aam w/ 5 10% Fo aam w/ 1	7,647# 20/4  primic Acid. I 5,708# 20/4	Frac w/ 835bbls 25# 0 Arizona Sand. Frac w/ 433bbls 25# 0 Arizona Sand. RCUD SEP 9 '11	
PERFORATION REC pper Fruitland Co SPF @ 3246' - 32 ower Fruitland Co SPF @ 3318' - 33 ruitland Coal Tot	oa' w/ .40 96' = 80 h oal w/ 40 38' = 48 h al Holes :	" diam noles " diam. ioles = 128		3246' 3318'	- 3296'  - 3338'  PRODUCTION size and type of purifications.	Acidiz Linea N2:1, Acidiz Linea N2:51	ze w/ 12bbls r 75% N2 Foa 524,700SCF. ze w/ 12bbls r 75% N2 Foa 6,900SCF.	10% Fc aam w/ 5 10% Fc aam w/ 1	7,647# 20/4 ormic Acid. I 5,708# 20/4	Frac w/ 835bbls 25# 0 Arizona Sand.  Frac w/ 433bbls 25# 0 Arizona Sand.  RCUD SEP 9 '11  OIL CONS. DIV.	
PERFORATION REC pper Fruitland Co SPF @ 3246' - 32' ower Fruitland Co SPF @ 3318' - 33 ruitland Coal Tot  ATE FIRST PRODUCTIO N/A ATE OF TEST	oa' w/ .40 96' = 80 h oal w/ 40 38' = 48 h al Holes :	" diam noles " diam. noles = 128  PRODUC STESTED	ETION METHOD (F DWING ICHOKE SIZE	3318'  3318'  Plowing, gas lift, pumping—s	- 3296'  - 3338'  PRODUCTION Size and type of purities  BBL	Acidiz Linea N2:1,5 Acidiz Linea N2:51	ze w/ 12bbls r 75% N2 Foz 524,700SCF. ze w/ 12bbls r 75% N2 Foz 6,900SCF.	10% Fc am w/ 5 10% Fc am w/ 1	7,647# 20/4  prinic Acid. I 5,708# 20/4  WELL STATUS SI R-BBL	Frac w/ 835bbls 25# 0 Arizona Sand.  Frac w/ 433bbls 25# 0 Arizona Sand.  RCUD SEP 9 '11  OIL GONG. DIV.  OTTO GONG. DIV.  (Producing-or-shut-in)	
PERFORATION REC pper Fruitland Co SPF @ 3246' - 32' ower Fruitland Co SPF @ 3318' - 33 ruitland Coal Tot	Da w/ .40 96' = 80 h pal w/ 40 38' = 48 h al Holes :	" diam noles " diam. noles = 128  PRODUC FLC STESTED	CTION METHOD (F DWING   CHOKE SIZE   1/2''	3318'  3318'  PROD'N FOR TEST PERIOD	- 3296'  - 3338'  PRODUCTION size and type of puriners.  BBL.	Acidiz Linea N2:1,5 Acidiz Linea N2:51	ze w/ 12bbls r 75% N2 Foz 524,700SCF. ze w/ 12bbls r 75% N2 Foz 6,900SCF.	10% Fc am w/ 5 10% Fc am w/ 1	7,647# 20/4  prinic Acid. I 5,708# 20/4  WELL STATUS SI	Frac w/ 835bbls 25# 0 Arizona Sand.  Frac w/ 433bbls 25# 0 Arizona Sand.  RCUD SEP 9 '11  OTIL OBNS. DIV.  NICT 3 (Producing-Or-Shut-in)  GAS-OIL RATIO	
PERFORATION REG per Fruitland Co SPF @ 3246' - 32' ower Fruitland Co SPF @ 3318' - 33' uitland Coal Tot	Da w/ .40 96' = 80 h pal w/ 40 38' = 48 h al Holes :	" diam noles " diam. noles = 128  PRODUC STESTED	ETION METHOD (F DWING ICHOKE SIZE	3318'  3318'  Proon for Oil	- 3296'  - 3338'  PRODUCTION Size and type of purities  BBL	Acidiz Linea N2:1,5 Acidiz Linea N2:51	ze w/ 12bbls r 75% N2 Foz 524,700SCF. ze w/ 12bbls r 75% N2 Foz 6,900SCF.	10% Fc am w/ 5 10% Fc am w/ 1	7,647# 20/4  prinic Acid. I 5,708# 20/4  WELL STATUS SI R-BBL	Frac w/ 835bbls 25# 0 Arizona Sand.  Frac w/ 433bbls 25# 0 Arizona Sand.  RCUD SEP 9 '11  OIL GONG. DIV.  OTTO GONG. DIV.  (Producing-or-shut-in)	
PERFORATION RECOPER Fruitland Coper Fruitland Coper Grand Coper Fruitland Coper Grand Cope	Dai w/ .40 Dai w/ .40 Dai w/ .40 Dai w/ 40 Dai	" diam noles " diam. noles = 128  PRODUCE FLC STESTED  1 hr. IG PRESSURE	CTION METHOD (F DWING   CHOKE SIZE   1/2"   CALCULATED   24-HOUR RATE	3318'  3318'  PROD'N FOR TEST PERIOD	- 3296'  - 3338'  PRODUCTION size and type of puriners.  BBL.	Acidiz Linea N2:1,5 Acidiz Linea N2:51	ze w/ 12bbls r 75% N2 Foa 524,700SCF. ze w/ 12bbls r 75% N2 Foa 6,900SCF.	10% Fc am w/ 5 10% Fc am w/ 1	7,647# 20/4  prinic Acid. II 5,708# 20/4  WELL STATUS SI R-BBL 1 bwp/h	Frac w/ 835bbls 25# 0 Arizona Sand.  Frac w/ 433bbls 25# 0 Arizona Sand.  RCUD SEP 9 '11  OTIL OBNS. DIV.  NICT 3 (Producing-Or-Shut-in)  GAS-OIL RATIO	
PERFORATION RECOPER Fruitland Coper Fruitland Coper Grand Coper Fruitland Coper Grand Cope	Daa' w/ .40 06' = 80 h 0al w/ 40 38' = 48 h al Holes:    Hour	" diam noles " diam. noles = 128  PRODUCE FLC STESTED  1 hr. IG PRESSURE 1-429 psi and for fuel, vente	CTION METHOD (F DWING   CHOKE SIZE   1/2"   CALCULATED   24-HOUR RATE	3318'    PROD'N FOR TEST PERIOD   OIL-BBL	- 3296'  - 3338'  PRODUCTION size and type of pure BBL  O GAS-MCF	Acidiz Linea N2:1,5 Acidiz Linea N2:51	ze w/ 12bbls r 75% N2 Foa 524,700SCF. ze w/ 12bbls r 75% N2 Foa 6,900SCF.	10% Fc am w/ 5 10% Fc am w/ 1 WATE	7,647# 20/4  prinic Acid. II 5,708# 20/4  WELL STATUS SI R-BBL 1 bwp/h	Frac w/ 835bbls 25# 0 Arizona Sand.  Frac w/ 433bbls 25# 0 Arizona Sand.  RCUD SEP 9 '11  OIL CONS. DIV.  OIL CONS. DIV.  (Producing-Or-shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR)	
PERFORATION RECOPER Truitland Copper Fruitland Copper Grand Copper Fruitland Copper Grand Copper	Dai w/ .40 Dai w/ .40 Dai w/ .40 Dai w/ 40 Dai	" diam noles " diam. noles = 128  PRODUCE FLC STESTED  1 hr. IG PRESSURE	CTION METHOD (F DWING   CHOKE SIZE   1/2"   CALCULATED   24-HOUR RATE	3318'    PROD'N FOR TEST PERIOD   OIL-BBL	- 3296'  - 3338'  PRODUCTION size and type of pure BBL  O GAS-MCF	Acidiz Linea N2:1,5 Acidiz Linea N2:51	ze w/ 12bbls r 75% N2 Foa 524,700SCF. ze w/ 12bbls r 75% N2 Foa 6,900SCF.	10% Fc am w/ 5 10% Fc am w/ 1 WATE	7,647# 20/4  prinic Acid. I 5,708# 20/4  WELL STATUS SI R-BBL 1 bwp/h	Frac w/ 835bbls 25# 0 Arizona Sand.  Frac w/ 433bbls 25# 0 Arizona Sand.  RCUD SEP 9 '11  OIL CONG. DIV  OIL CONG. DIV  (Producing-Or-shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR)	
PERFORATION REC pper Fruitland Co SPF @ 3246' - 32' ower Fruitland Co SPF @ 3318' - 33 ruitland Coal Tot  ATE FIRST PRODUCTION N/A ATE OF TEST  8/16/11 OW TUBING PRESS  SI -429 psi 34 DISPOSITION OF G 35 LIST OF ATTACHM	Dai w/ .40 Dai w/ .40 Dai w/ .40 Dai w/ 40 Dai	" diam noles " diam. noles " diam. noles = 128    PRODUCE FLC STESTED    1 hr.    IG PRESSURE    1-429 psi   Indeed for fuel, vente   Indeed for f	CTION METHOD (F DWING CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE 	3318'  3318'  Produing, gas lift, pumping—s  PROD'N FOR TEST PERIOD  OIL—BBL	- 3296'  - 3338'  PRODUCTION size and type of pure BBL  O GAS-MCF	Acidiz Linea N2:1,5 Acidiz Linea N2:51	ze w/ 12bbls r 75% N2 Foa 524,700SCF. ze w/ 12bbls r 75% N2 Foa 6,900SCF.	10% Fc am w/ 5 10% Fc am w/ 1 WATE	7,647# 20/4  prinic Acid. I 5,708# 20/4  WELL STATUS SI R-BBL 1 bwp/h	Frac w/ 835bbls 25# 0 Arizona Sand.  Frac w/ 433bbls 25# 0 Arizona Sand.  RCUD SEP 9 '11  OIL GDIS. DIV  OIL GDIS. DIV  OTTOT 3  (Producing-Or-shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR)	
PERFORATION REGISTED PROPERTY	Da w/ .40 Da w/ .40 Da w/ .40 Da w/ 40	" diam noles " diam. noles " diam. noles = 128  PRODUC FLC STESTED 1 hr. IG PRESSURE 1 -429 psi nole for fuel, vente be sold V/PC/FC well	CTION METHOD (F DWING CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE bd, etc.)	3318'  3318'  Produing, gas lift, pumping—s  PROD'N FOR TEST PERIOD  OIL—BBL	- 3296'  - 3338'  PRODUCTION Size and type of purity BBL  0 GAS-MCF 1494 mc	Acidiz Linea N2:1,5 Acidiz Linea N2:51	ze w/ 12bbls r 75% N2 Foa 524,700SCF. ze w/ 12bbls r 75% N2 Foa 6,900SCF.	10% Fc am w/ 5 10% Fc am w/ 1 WATE	7,647# 20/4  prinic Acid. I 5,708# 20/4  WELL STATUS SI R-BBL 1 bwp/h	Frac w/ 835bbls 25# 0 Arizona Sand.  Frac w/ 433bbls 25# 0 Arizona Sand.  RCUD SEP 9 '11  OIL GDIS. DIV  OIL GDIS. DIV  OTTOT 3  (Producing-Or-shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR)	
PERFORATION REGISTED PROPERTY	Da w/ .40 Da w/ .40 Da w/ .40 Da w/ 40	" diam noles " diam. noles " diam. noles = 128  PRODUC FLC STESTED 1 hr. IG PRESSURE 1 -429 psi nole for fuel, vente be sold V/PC/FC well	CTION METHOD (F DWING CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE bd, etc.)	3318'  3318'  Proping, gas lift, pumping—s  PROD'N FOR TEST PERIOD  OIL—BBL  0	- 3296'  - 3338'  PRODUCTION Size and type of purity BBL  0 GAS-MCF 1494 mc	Acidiz Linea N2:1,5 Acidiz Linea N2:51	ze w/ 12bbls r 75% N2 Foa 524,700SCF. ze w/ 12bbls r 75% N2 Foa 6,900SCF.	10% Fc am w/ 5 10% Fc am w/ 1 WATE	7,647# 20/4  prinic Acid. II 5,708# 20/4  WELL STATUS SI R-BBL 1 bwp/h /d TEST WITNESS	Frac w/ 835bbls 25# 0 Arizona Sand.  Frac w/ 433bbls 25# 0 Arizona Sand.  RCUD SEP 9 '1.  OIL GDIS. DIV  OIL GDIS. DIV  OIL GRAVITY-API (CORR)  SED BY	
PERFORATION REGISTED PROPERTY	Da w/ .40 Da w/ .40 Da w/ .40 Da w/ 40	" diam noles " diam. noles " diam. noles = 128  PRODUC FLC STESTED 1 hr. IG PRESSURE 1 -429 psi nole for fuel, vente be sold V/PC/FC well	CTION METHOD (F DWING CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE bd, etc.)	3318'  3318'  Proping, gas lift, pumping—s  PROD'N FOR TEST PERIOD  OIL—BBL  0	- 3296'  - 3338'  PRODUCTION Size and type of purity BBL  0 GAS-MCF 1494 mc	Acidiz Linea N2:1,5 Acidiz Linea N2:51	ze w/ 12bbls r 75% N2 Foz 524,700SCF. ze w/ 12bbls r 75% N2 Foz 6,900SCF.	10% Fc am w/ 5 10% Fc am w/ 1 WATE	7,647# 20/4  prinic Acid. I 5,708# 20/4  WELL STATUS SI R-BBL 1 bwp/h	Frac w/ 835bbls 25# 0 Arizona Sand.  Frac w/ 433bbls 25# 0 Arizona Sand.  RCUD SEP 9 '1.  OIL GONG. DIV  OIL GONG. DIV  OIL GRAVITY-API (CORR)  SED BY	

API # 30-039-25572			San Juan 28-7 Unit 159M (Recomplete)			
Ojo Alamo	2810'	3079'	White, cr-gr ss.		Ojo Alamo	2810'
Kırtland	3079'	2965'	Gry sh interbedded w/tight, gry, fine-gr ss.		Kirtland	3079'
Fruitland	2965'	3343'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.		Fruitland	2965'
Pictured Cliffs	3343'	3422'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	3343'
Lewis	3422'	3940'	Shale w/siltstone stringers		Lewis Chacra	3422'
Chacra	4294'	4978'	Gry fn grn silty, glauconitic sd stone w/drk gry shale		Chacra	4294'
Cliffhouse	4978'	5126'	Light gry, med-fine gr ss, carb sh & coal	100	Mesa Verde	4978'
Menefee	5126'	5530'	Med-dark gry, fine gr ss, carb sh & coal		Menefee	5126'
Point Lookout	5530'	6022'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Aloka.	Point Lookout	5530'
Mancos	6022'	6828'	Dark gry carb sh.		Mancos	6022'
Gallup	6828'	7509'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	1616	Gallup	6828'
Greenhorn	7509'	7557'	Highly calc gry sh w/thin lmst.		Greenhorn	7509'
Graneros	7557'	7602'	Dk gry shale, fossil & carb w/pyrite incl.	9-33	Graneros	7557'
Dakota	7602'	7835'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	7.67	Dakota	7602'