Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side) FOR APPROVED OMB NO 1004-0137

Expires December 31, 1991
5 LEASE DESIGNATION AND SERIAL NO

SF-080751-A

									-000751-A		
WELL C	COMPLE	ETION OR F	RECOMPLE	TION REPO	RT AND	LQG	6 11	F INDIAN, ALLOT	TEE OR TRIBE NAME		
1a TYPE OF		OIL	GAS 🗸	DRY Other	ECE	W					
		WELL	WELL _	DRY LOUISI			7.	JNIT AGREEMEN	TNIAME		
b TYPE OF	F COMPLETIC	N									
	NEW 🕎	WORK DEEP-	PLUG	DIFF	MAR 3 1	2010 -	8 5	ARM OR LEASE	74017-DK NAME, WELL NO		
	WELL	OVER EN	BACK	RESVROther				ARIVI OR LEASE I	NAME, WELL NO		
				.				Sui	nray F 3N		
2 NAME O	F OPERATOR	₹			eu of Land M			PI WELL NO			
C	oncoPhilli _i	ps Company		F	armington Fla		Ce	30-0	045-34951 - OICI		
3 ADDRES	S AND TELE	PHONE NO	······································				10	FIELD AND POOL			
PC	D BOX 4289	, Farmington, NN	187499 (505	326-9700				Bas	in Dakota		
4 LOCATIO	ON OF WELL	(Report location clea	arly and in accordanc	e with any State reg	uirements)*		11		OR BLOCK AND SURVEY		
At surfac		SENE), 1855' FNL			•			OR AREA-			
At surfac		3ENE), 1033 FNE	A 1000 FEL					KGV	D APR 26'10		
At top pro	od interval rep	oorted below	SAME AS ABOV	E .					T29N, R10W		
A total of	and CAI	ME AS ABOVE						OIL CONS. DIV.			
At total d	eptn SAI	WE AS ABOVE							DIST. 3		
			144	PERMIT NO	DATE ISSUE			COUNTY OR	I 13 STATE		
			14.	PERMIT NO	I DATE ISSUEL	,	12	PARISH	13 STATE		
			1		l				New Mexico		
15 DATE SPU	UDDED I16	DATE T D REACHED	17 DATE COM	MPL (Ready to prod.)	<u> </u>	18 FIE	/ATIONS (DF, RKB, RT	San Juan	19 ELEV CASINGHEAD		
11/06/2		12/03/2009	5250	03/17/2010		,0 666	GL 5857' KB		Lin FFFA OVOINGHEAD		
	EPTH, MD &TV		ACK T.D., MD &TVD	22 IF MULTIPLE CO	MPI	23 INTE		RY TOOLS	CABLE TOOLS		
LU TOTAL DE	III, WILL CALIVI		MONT D, WID QT VD	HOW M			LED BY	NT TOOLS	CYBLE LOOFS		
	6915'		6912'	2	ľ		1	ves			
24 PRODUCT		(S) OF THIS COMPLE	TION-TOP, BOTTOM,				<u>.</u>	25 WAS DIREC	CTIONAL		
		- (-,						SURVEY N			
Basin	Dakota 67	32' - 6865'						1	No		
26 TYPE ELE	CTRIC AND OT	THER LOGS RUN					27 W	AS WELL CORED			
GR/C	CL/CBL						1		No		
				CACING DECORD /	Depart off stress		-#>				
28 CASING SIZ	75/00405	WEIGHT, LB /FT		CASING RECORD (1	MACINIT BUILTER		
9 5/8"		32.3#	377'	HOLE SIZE			MENTING RECORD		AMOUNT PULLED		
7"/		23#	2628'	12 1/4" 8 3/4"			248cf-44bbls)	1	10 bbls		
4 1/2"				6 1/4"			35cf-134bbls)	 	45 bbls		
29	/ L-00	11.6#	6914'	1 0 1/4	30	, 3195X	(440cf-114bbis)	LIBINO DECOR	^		
	TOP (MD)	LINER RE	SACKS CEMENT*	1 concenture		T-		UBING RECOR			
SIZÉ	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE 2 3/8", 4.7#, I	- 00	DEPTH SET (MD) 6813'		ACKER SET (MD)		
	.	 		 	2 3/6 , 4./#, 1	L-0U	0013	 			
31 PERFORA	TION RECORD) (Interval, size and num	her)	32	A CIF	SUCT	, FRACTURE, CEME	NT SOLIEEZE	ETC		
Dakota w/ .:		(interval, size and main	201)	6732' -			w/ 10bbls 15% H				
	32' - 6804' =	40 Ualaa		0732 -				211# of 20/40 Arizona Sand.			
_						SIICKYY	ater W/ 25,211# U	1 20/40 ATIZOT	ia Jailu.		
23FF @ 660	07' - 6865' =	34 noies									
Dakata Tata	ai Holes = 5	2./							,		
Dakula Tula	ai noies – 52	2 V							,		
33				PR	ODUCTION		· · · · · · · · · · · · · · · · · · ·				
DATE FIRST PF	RODUCTION	PRODUC	TION METHOD (Flowin)			(Producing or shut-in)		
	N/A	FLO	WING √					SI √			
DATE OF TEST	1	HOURS TESTED	CHOKE SIZE PRO	DD'N FOR OILBI	BL	GASM	CF WAT	ERBBL	GAS-OIL RATIO		
				T PERIOD	1						
	2010 ✓	1 hr.	1/2"	<u> </u>	0	27	mcf/h	trace	<u> </u>		
FLOW TUBING	PRESS	CASING PRESSURE		ILBBL	GASMCF		WATERBBL		OIL GRAVITY-API (CORR)		
			24-HOUR RATE			٠,١		./			
SI - 15		SI - 123psi		0	650 mcf/	d V	2 bwj		.]		
34 DISPOSIT	TON OF GAS (S	old, used for fuel, vente	d, etc)					TEST WITNESS	SED BY		
		To be sold									
35 LIST OF A	TTACHMENTS										
This is goin	g to be a Ba	asin Dakota/Blan	co Mesa Verde w	ell being DHC pe	er order # 3171	AZ					
36 I hereby ce	ertify that the for	egoing and attached infe	ormation is complete an	d correct as determined	d from all available r	ecords					
	7	۸									
SIGNED (and a) TO Var.	TITLE	Pa	gulatory Tech	nicain	DATE	3/3/12	0 <i>1</i> 10		
	THUM	- invid	11110				 		~ <i>i</i> .v.		
		U *(S)	e Instructions	and Spaces fo	r Additional	Data o	n Reverse Side	e)			
Title 18 U.S.	C. Section 1	001, makes it a cr	ime for any persor	n knowingly and w	illfully to make	to anv	department of age	ncy of the AC	CEPTED FOR RECORD		
United State	s any false.	fictitious or fraudu	lent statements or	representations a	s to any matte	r within	its jurisdiction.				
					,		•	APR 2 0 2010			
					7175666			, j	41 V T O TO 10		

NMOCD by

API # 30-045-34951			Sunray F 3N				·
Ojo Alamo	1175'	1318'	White, cr-gr ss.		Ojo Alamo		1175'
Kirtland	1318'	2036'	Gry sh interbedded w/tight, gry, fine-gr ss.	1	Kirtland	,	1318'
Fruitland	2036'	2389'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.		Fruitland		2036'
Pictured Cliffs	2389'	2559'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs		2389'
Lewis	2559'	3018'	Shale w/siltstone stringers		Lewis	<u>;</u> ;	2559'
Huerfanito Bentonite	3018'	3373'	White, waxy chalky bentonite		Huerfanito Bent.		3018'
Chacra	3373'	3930'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Š	Chacra	ļ	3373'
Mesa Verde	3930'	4152'	Light gry, med-fine gr ss, carb sh & coal		Mesa Verde		3930'
Menefee	4152'	4615'	Med-dark gry, fine gr ss, carb sh & coal	2	Menefee		4152'
Point Lookout	4615'	5068'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	į,	Point Lookout		4615'
Mancos	5068'	5885'	Dark gry carb sh.		Mancos 🔒 🍍		5068'
Gallup	5885'	6614'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg interbed sh	421	Gallup 😓 🕾		5885'
Greenhorn	6614'	6673'	Highly calc gry sh w/thin Imst.		Greenhorn *		6614'
Graneros	6673'	6728'	Dk gry shale, fossil & carb w/pyrite incl.		Graneros	-:	6673'
Dakota	6728'	. •	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks		Dakota ⁻	,	6728'
Morrison		'	Interbed grn, brn & red waxy sh & fine to coarse grn ss		Morrison	·	(1
			,		-,	.17	4.1
					•;		

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BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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OMB NO 1004-0137

Expires December 31, 1991
5 LEASE DESIGNATION AND SERIAL NO

SF-080751-A

	OMPLE	HON OR F	RECOMPL	ETION REPO	ORT AND	LOG*	6 IF II	NDIAN, ALLOT I	EE OR TRIBE NAME	
la TYPE OF	WELL	OIL WELL	GAS WELL X	DRY Other	- 6 10 Bres	B N Book Engl				
b TYPE OF COMPLETION							7 UNI	7 UNIT AGREEMENT NAME		
u TYPE OF	NEW V	WORK DEEP-	PLUG	DIFF			0.545	MMNM-	76364 - MV IAME, WELL NO	
	WELL X	OVER EN	BACK	RESVR Other	MAR 3 1	-201 0	8 FAF	M OR LEASE N	NAME, WELL NO	
					ווירווי ש ד	7010			ray F 3N	
	F OPERATOR	s Company		Run	hna i fo uec	Management	9 API	WELL NO	ME 24064	
	S AND TELEF				armington F		10 FIE	LD AND POOL	045-34951 - 01C2	
PC	BOX 4289,	Farmington, NN	187499 (5	05) 326-9700	~	-		Blanco	Mesaverde	
4 LOCATIO	ON OF WELL (Report location clea	arly and in accord	ance with any State req	uirements)*		11 SE	C,T,R,M,O	R BLOCK AND SURVEY	
At surface	e H (S	SENE), 1855' FNL	& 1060' FEL				01	R AREA RCV	D APR 26'10	
At top pro	od interval rep	orted below		Sec. 1, T29N, R10W						
At total de	epth SAN	ME AS ABOVE		OIL CONS. DIV. DIST. 3						
			ı	14 PERMIT NO	DATE ISSUE	D	12 CC	UNTY OR	13 STATE	
					1		Р	ARISH		
			Let DATE	2010	<u> </u>	r		n Juan	New Mexico	
15 DATE SPU 11/06/20		DATE T D REACHED 12/03/2009	T/ DATE	COMPL (Ready to prod.) 03/17/2010		18 ELEVATIONS (DF.	, RKB, RT, B 7' KB 5	•	19 ELEV CASINGHEAD	
	PTH, MD &TVD		ACK T.D., MD &TV		OMPL,	23 INTERVALS	ROTARY		CABLE TOOLS	
	,			HOW M		DRILLED BY	•	:	1	
	6915'		6912'	2				yes		
24 PRODUCT	TION INTERVAL	(S) OF THIS COMPLE	ETION-TOP, BOTTO	OM, NAME (MD AND TVD)	•			25 WAS DIRECT SURVEY M		
Blanco	Mesavero	ie 3936' - 5040'					-		No	
		HER LOGS RUN					27 WAS	WELL CORED		
GR/CC	CL/CBL								No	
28				CASING RECORD (Report all strings	set in well)				
CASING SIZ		WEIGHT, LB /FT	DEPTH SET (A			MENT, CEMENTING RE		A	MOUNT PULLED	
9 5/8" /		32.3#	377'	12 1/4"	L.	210sx(248cf-44b) 368sx(735cf-134b)			10 bbls 45 bbls	
7" / J		23#	2628' 6914'	8 3/4" 6 1/4"		', 319sx (440cf-11			45 UDIS	
4 1/2" / L-80		LINER RE			30		TUE)		
24									ACKER SET (MD)	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMEN	IT* SCREEN (MD)	SIZE	DEPTH SE		P/	ACKER SET (MD)	
	TOP (MD)	· · · · · · · · · · · · · · · · · · ·	SACKS CEMEN	SCREEN (MD)	SIZE 2 3/8", 4.7#,			P/	ACKER SET (MID)	
SIZE		BOTTOM (MD)			2 3/8", 4.7#,	L-80 6813	3'			
SIZE 31 PERFORA	ATION RECORD	BOTTOM (MD) (Interval, size and num		32	2 3/8", 4.7#, ACI	L-80 6813 D, SHOT, FRACTUR	BE, CEMEN	T SQUEEZE,	ETC.	
SIZE 31 PERFORA Point Looks	ATION RECORD Out w/ .34" d	BOTTOM (MD) (Interval, size and num			2 3/8", 4.7#, ACI	L-80 6813 D, SHOT, FRACTUR Acidize w/ 10bbls	3' E, CEMEN s 15% HC	T SQUEEZE,	ETC. 5,360gals 60%	
SIZE 31 PERFORA	ation RECORD out w/ .34" d 10' - 5040' =	BOTTOM (MD) (Interval, size and numliam. 25 Holes		32	2 3/8", 4.7#, ACI	L-80 6813 D, SHOT, FRACTUR	3' E, CEMEN s 15% HC	T SQUEEZE,	ETC. 5,360gals 60%	
31 PERFORA Point Looke 1SPF @ 431	ation record out w/ .34" d 10' - 5040' = liffhouse w/	(Interval, size and numliam. 25 Holes .34" diam.		32	2 3/8", 4.7#, ACI 5040'	L-80 6813 D, SHOT, FRACTUR Acidize w/ 10bbls SlickWater w/ 10	3' E, CEMEN s 15% HC 0,583# of	T SQUEEZE, L. Frac w/ 4 20/40 Arizo	ETC. 5,360gals 60% ona Sand.	
31 PERFORA Point Looke 1SPF @ 431 Menefee/ CI 1SPF @ 393	ation record out w/ .34" d 10' - 5040' = liffhouse w/ 36' - 4242' =	(Interval, size and num liam. 25 Holes .34" diam. 23 Holes		32 4310' -	2 3/8", 4.7#, ACI 5040'	L-80 6813 D, SHOT, FRACTUR Acidize w/ 10bbls SlickWater w/ 10 N2:970,000SCF. Acidize w/ 10bbls SlickWater w/ 10	3' EE, CEMEN S 15% HC 0,583# of s 15% HC 4,344# of	T SQUEEZE, L. Frac w/ 4 20/40 Arizo L. Frac w/ 4	ETC. 5,360gals 60% ona Sand. 5,780gals 60%	
31 PERFORA Point Looko 1SPF @ 431 Menefee/ CI	ation record out w/ .34" d 10' - 5040' = liffhouse w/ 36' - 4242' =	(Interval, size and num liam. 25 Holes .34" diam. 23 Holes		32 4310' -	2 3/8", 4.7#, ACI 5040'	L-80 6813 D, SHOT, FRACTUR Acidize w/ 10bbls SlickWater w/ 10 N2:970,000SCF. Acidize w/ 10bbls	3' EE, CEMEN S 15% HC 0,583# of s 15% HC 4,344# of	T SQUEEZE, L. Frac w/ 4 20/40 Arizo L. Frac w/ 4	ETC. 5,360gals 60% ona Sand. 5,780gals 60%	
31 PERFORA Point Looke 1SPF @ 431 Menefee/ CI 1SPF @ 393 Mesaverde	ation record out w/ .34" d 10' - 5040' = liffhouse w/ 36' - 4242' =	(Interval, size and num liam. 25 Holes .34" diam. 23 Holes		32 4310' - 3936' -	ACI 5040'	L-80 6813 D, SHOT, FRACTUR Acidize w/ 10bbls SlickWater w/ 10 N2:970,000SCF. Acidize w/ 10bbls SlickWater w/ 10	3' EE, CEMEN S 15% HC 0,583# of s 15% HC 4,344# of	T SQUEEZE, L. Frac w/ 4 20/40 Arizo L. Frac w/ 4	ETC. 5,360gals 60% ona Sand. 5,780gals 60%	
31 PERFORA Point Looke 1SPF @ 431 Menefee/ CI 1SPF @ 393	ATION RECORD but w/ .34" d 10' - 5040' = liffhouse w/ 86' - 4242' = Total Holes	BOTTOM (MD) (Interval, size and num liam. 25 Holes .34" diam. 23 Holes = 48 PRODUC	ction method (F	32 4310' - 3936' -	ACI 5040' 4242'	L-80 6813 D. SHOT, FRACTUR Acidize w/ 10bbls SlickWater w/ 10 N2:970,000SCF. Acidize w/ 10bbls SlickWater w/ 10 N2:8,599,200SCF	3' EE, CEMEN s 15% HC 0,583# of s 15% HC 4,344# of	T SQUEEZE, L. Frac w/ 4 20/40 Arizo L. Frac w/ 4 20/40 Arizo	ETC. 5,360gals 60% ona Sand. 5,780gals 60%	
31 PERFORA Point Looke 1SPF @ 431 Menefee/ CI 1SPF @ 393 Mesaverde	Dut W/ .34" d 10' - 5040' = 1iffhouse w/ 86' - 4242' = Total Holes RODUCTION N/A	BOTTOM (MD) (Interval, size and num liam. 25 Holes .34" diam. 23 Holes = 48 PRODUC FLO	CTION METHOD (FI	32 4310' - 3936' - 3936' - PR Fowing, gas lift, pumping-s	2 3/8", 4.7#, ACI 5040' 4242' ODUCTION Ize and type of pum	L-80 6813 D, SHOT, FRACTUR Acidize w/ 10bbls SlickWater w/ 10 N2:970,000SCF. Acidize w/ 10bbls SlickWater w/ 10 N2:8,599,200SCF	E, CEMEN s 15% HC 0,583# of s 15% HC 4,344# of	T SQUEEZE, L. Frac w/ 4 20/40 Arizo L. Frac w/ 4 20/40 Arizo	ETC. 15,360gals 60% ona Sand. 15,780gals 60% ona Sand. (Producing or shut-in)	
31 PERFORA Point Looke 1SPF @ 431 Menefee/ CI 1SPF @ 393 Mesaverde	Dut W/ .34" d 10' - 5040' = 1iffhouse w/ 86' - 4242' = Total Holes RODUCTION N/A	BOTTOM (MD) (Interval, size and num liam. 25 Holes .34" diam. 23 Holes = 48 PRODUC	CTION METHOD (FI	32 4310' - 3936' - PROD'N FOR OILB	2 3/8", 4.7#, ACI 5040' 4242' ODUCTION Ize and type of pum	L-80 6813 D. SHOT, FRACTUR Acidize w/ 10bbls SlickWater w/ 10 N2:970,000SCF. Acidize w/ 10bbls SlickWater w/ 10 N2:8,599,200SCF	3' EE, CEMEN s 15% HC 0,583# of s 15% HC 4,344# of	T SQUEEZE, L. Frac w/ 4 20/40 Arizo L. Frac w/ 4 20/40 Arizo	ETC. -5,360gals 60% 	
31 PERFORA Point Looke 1SPF @ 431 Menefee/ CI 1SPF @ 393 Mesaverde 33 DATE FIRST PR	ATION RECORD Dut W/ .34" d 10' - 5040' = liffhouse w/ 36' - 4242' = Total Holes RODUCTION N/A	BOTTOM (MD) (Interval, size and num liam. 25 Holes .34" diam. 23 Holes = 48 PRODUC FLO	CTION METHOD (FI	32 4310' - 3936' - 3936' - PR Fowing, gas lift, pumping-s	2 3/8", 4.7#, ACI 5040' 4242' ODUCTION ize and type of pum BL	L-80 6813 D, SHOT, FRACTUR Acidize w/ 10bbls SlickWater w/ 10 N2:970,000SCF. Acidize w/ 10bbls SlickWater w/ 10 N2:8,599,200SCF	EE, CEMEN s 15% HC 0,583# of s 15% HC 4,344# of	T SQUEEZE, L. Frac w/ 4 20/40 Arizo L. Frac w/ 4 20/40 Arizo WELL STATUS (SI R-BBL	ETC. 15,360gals 60% ona Sand. 15,780gals 60% ona Sand. (Producing or shut-in)	
31 PERFORA Point Looke 1SPF @ 431 Menefee/ CI 1SPF @ 393 Mesaverde 33 DATE FIRST PR	ATION RECORD Dut w/ .34" d 10' - 5040' = liffhouse w/ 36' - 4242' = Total Holes RODUCTION N/A	BOTTOM (MD) (Interval, size and num liam. 25 Holes .34" diam. 23 Holes = 48 PRODUC FLO	CTION METHOD (F. WING VICHOKE SIZE 1/2" CALCULATED	32 4310' - 3936' - PROD'N FOR OILB	2 3/8", 4.7#, ACI 5040' 4242' ODUCTION Ize and type of pum	L-80 6813 D, SHOT, FRACTUR Acidize w/ 10bbls SlickWater w/ 10 N2:970,000SCF. Acidize w/ 10bbls SlickWater w/ 10 N2:8,599,200SCF	BE, CEMEN S 15% HC 0,583# of S 15% HC 4,344# of	T SQUEEZE, L. Frac w/ 4 20/40 Arizo L. Frac w/ 4 20/40 Arizo	ETC. 15,360gals 60% ona Sand. 15,780gals 60% ona Sand. (Producing or shut-in)	
31 PERFORA Point Looke 1SPF @ 431 Menefee/ CI 1SPF @ 393 Mesaverde 33 DATE FIRST PR DATE OF TEST 03/04/ FLOW TUBING	ATION RECORD Dut w/ .34" d 10' - 5040' = liffhouse w/ 36' - 4242' = Total Holes RODUCTION N/A 12010 PRESS	BOTTOM (MD) (Interval, size and num liam. 25 Holes .34" diam. 23 Holes = 48 PRODUCE FLO HOURS TESTED 1 hr. CASING PRESSURE	otion METHOD (FINITED STATES OF THE STATES	32 4310' - 3936' - PROD'N FOR TEST PERIOD OIL-BBL	ACI 5040' 4242' ODUCTION ze and type of pum BL trace GASMCF	L-80 6813 D, SHOT, FRACTUR Acidize w/ 10bbls SlickWater w/ 10 N2:970,000SCF. Acidize w/ 10bbls SlickWater w/ 10 N2:8,599,200SCF	BBL	T SQUEEZE, L. Frac w/ 4 20/40 Arizo L. Frac w/ 4 20/40 Arizo MELL STATUS (SI R-BBL	ETC. 15,360gals 60% In a Sand. 15,780gals 60% In a Sand. (Producing or shul-in)	
SIZE 31 PERFORA Point Looke 1SPF @ 431 Menefee/ CI 1SPF @ 393 Mesaverde 33 DATE FIRST PR DATE OF TEST 03/04/ FLOW TUBING SI - 15	TITION RECORD Dut w/ .34" d 10' - 5040' = liffhouse w/ 86' - 4242' = Total Holes RODUCTION N/A 22010 PRESS 67psi	BOTTOM (MD) (Interval, size and num liam. 25 Holes .34" diam. 23 Holes = 48 PRODUC FLO HOURS TESTED 1 hr. CASING PRESSURE SI - 123psi	CTION METHOD (FI WING VI CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE	32 4310' - 3936' - PR Owing, gas lift, pumpings PROD'N FOR TEST PERIOD OIL-B	ACI 5040' 4242' ODUCTION ize and type of pum BL trace	L-80 6813 D, SHOT, FRACTUR Acidize w/ 10bbls SlickWater w/ 10 N2:970,000SCF. Acidize w/ 10bbls SlickWater w/ 10 N2:8,599,200SCF	3. E. CEMEN \$ 15% HC 0,583# of \$ 15% HC 4,344# of WATER 2 BBL	T SQUEEZE, L. Frac w/ 4 20/40 Arizo L. Frac w/ 4 20/40 Arizo WELL STATUS (SI / R-BBL	ETC. 15,360gals 60% Ina Sand. 15,780gals 60% Ina Sand. (Producing or shul-in) GAS-OIL RATIO OIL GRAVITY-API (CORR.)	
SIZE 31 PERFORA Point Looke 1SPF @ 431 Menefee/ CI 1SPF @ 393 Mesaverde 33 DATE FIRST PR DATE OF TEST 03/04/ FLOW TUBING SI - 15	TITION RECORD Dut w/ .34" d 10' - 5040' = liffhouse w/ 86' - 4242' = Total Holes RODUCTION N/A 22010 PRESS 67psi	BOTTOM (MD) (Interval, size and num liam. 25 Holes .34" diam. 23 Holes = 48 PRODUC FLO HOURS TESTED 1 hr. CASING PRESSURE SI - 123psi old, used for fuel, vente	CTION METHOD (FI WING VI CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE	32 4310' - 3936' - PROD'N FOR TEST PERIOD OIL-BBL	ACI 5040' 4242' ODUCTION ze and type of pum BL trace GASMCF	L-80 6813 D, SHOT, FRACTUR Acidize w/ 10bbls SlickWater w/ 10 N2:970,000SCF. Acidize w/ 10bbls SlickWater w/ 10 N2:8,599,200SCF	3. E. CEMEN \$ 15% HC 0,583# of \$ 15% HC 4,344# of WATER 2 BBL	T SQUEEZE, L. Frac w/ 4 20/40 Arizo L. Frac w/ 4 20/40 Arizo MELL STATUS (SI R-BBL	ETC. 15,360gals 60% Ina Sand. 15,780gals 60% Ina Sand. (Producing or shul-in) GAS-OIL RATIO OIL GRAVITY-API (CORR.)	
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NMOCD B 4/26

FARMINGTON FIELD OFFICE BY TL Salvess

API # 30-045-34951			Sunray F 3N			
Ojo Alamo	1175'	1318'	White, cr-gr ss.	S. S. S.	Ojo Alamo	1175
Kirtland	1318'	2036'	Gry sh interbedded w/tight, gry, fine-gr ss.	N. Carlot	Kirtland	. 1318
Fruitland	2036'	2389'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.		Fruitland	- 2036
Pictured Cliffs	2389'	2559'	Bn-Gry, fine grn, tight ss.		Pic:Cliffs	2389
Lewis	2559'	3018'	Shale w/siltstone stringers		Lewis	2559
Huerfanito Bentonite	3018'	3373'	White, waxy chalky bentonite	2	Huerfanito Bent.	3018
Chacra	3373'	3930'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	2 / 28	Chacra	3373
Mesa Verde	3930'	4152'	Light gry, med-fine gr ss, carb sh & coal		Mesa Verde	3930
Menefee	4152'	4615'	Med-dark gry, fine gr ss, carb sh & coal		Menefee	4152
Point Lookout	4615'	5068'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation		Point Lookout	4615
Mancos	5068'	5885'	Dark gry carb sh.		Mancos 🥷 💮	5068
Gallup	5885'	6614'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh		Gallup 👯 🛴	5885
Greenhorn	6614'	6673'	Highly calc gry sh w/thin lmst.		Greenhorn	6614
Graneros	6673'	6728'	Dk gry shale, fossil & carb w/pyrite incl.		Graneros	6673
Dakota	6728'	f	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks		Dakota :	6728
Morrison		1	Interbed grn, brn & red waxy sh & fine to coarse grn ss		Morrison	.; -
				\$		161