(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

- 1	H	9	۸	2	E.	ΩΩ	'n	R7	'n

WELL (COMPL	ETION OF	RECOMPLE	TION REP	ORT AND	LOG*	·	6 IF		EE OR TRIBE NAME
1a TYPE O		Oi		DRY Other						
b TYPE O	F COMPLET	ION:						7 UN	IIT AGREEMENT	r NAME Jan 27-4 Unit
11/20	NEW 🔽	WORK D	EEP- PLUG	DIFF Other				8 FA		NAME, WELL NO
	METT V	OVER EI	BACK	RESVAOther			1		San Juan	n 27-4 Unit 58N
2 NAME C	F OPERATO	DR			······································			9 AP	WELL NO	
			Dil & Gas Compar	ıy						039-30275
		EPHONE NO.	, NM 87499 (505) 326-9700			WER	10 F	Bacin D	., OR WILDCAT OK/Blanco MV
4 LOCATI	ON OF WEL	L (Report location	clearly and in accordar	nce with any State i	requirements)*	I AB II	11 -11 (14)			PR BLOCK AND SURVEY
At surfac	ce ['] Ur	nit M(SW/SW),	685' FSL & 1180' FV	VL				C	OR AREA	one and the second of the seco
						11 29	Sma			eo' e oua duos
At top pi	od. interval r	eported below	Unit K(NE/SW),	1384' FSL & 200			}		SEC 31	, T27N, R4W
At total o	lepth Ur	nit K(NE/SW), 1	384' FSL & 2003' F\	WL	– Fami	ngion Fi	nancyen Old Omei	eng	•	OIL COMS. DIV. nict a
			14.	PERMIT NO.	DATE ISSUE	ĒD			OUNTY OR	13 STATE
			Ì						PARISH io Arriba	New Mexico
15 DATE SP		DATE T D REAC		MPL (Ready to prod.)		1	TIONS (DF, RK	B, RT, E	3R, ETC)*	19 ELEV CASINGHEAD
08/13/2	008 EPTH, MD &TV	10/25/200	IG, BACK T.D., MD &TVD	07/21/2009	OMPI	23 INTER\	GL 7313' /		7329' Y TOOLS	CABLE TOOLS
ZO TOTAL DI	בו זוו, אוט פון ע	21 PLU	G, DACK I D, MD &IVD	HOW N		DRILL		HOTAM	1 10013	CADLE TOOLS
	50'/ TVD 85		8646'/ TVD 8527'			<u>L</u>	l		yes	<u></u>
24 PRODUC	TION INTERVA	AL (S) OF THIS COM	PLETION-TOP, BOTTOM,	NAME (MD AND TVD)	•				25. WAS DIRECT	
		erde 5776'-67	34'							YES
	ECTRIC AND C CL/CBL	THER LOGS RUN					ŀ	27 WAS	S WELL CORED	
	CL/CBL			ASING RECORD	Donort all string	o oot in wal				No
28 CASING SI	ZE/GRADE	WEIGHT, LB/FT		HOLE SIZE			NTING RECO	RD	A	AMOUNT PULLED
9 5/8"	/H-40	32.3#	379'	12 1/4"	Surf.	380sx(450	6cf-81bbl)			24bbls
70/1	C.C.	224	50051	0.2/4"	04 70	ST @ 38	-			ochhi-
7"/J	-33	23#	5825'	8 3/4"	Sun. 70	eeoi Jxeo	cf-302bbls	<u>'</u>		86bbls
29		LINEF	RECORD		30.			TU	BING RECOR	D
SIZE 4 1/2"	TOP (MD) 4000'	8646') SACKS CEMENT' 290sx	SCREEN (MD)	SIZE 2 3/8"		DEPTH SET (A 8531'	ND)	P.	ACKER SET (MD)
11.6#/L-80		3046	29053	 	2 3/6		0331			
1 PERFOR	ATION RECOR	D (Interval, size and	number)	32		D, SHOT, F	RACTURE,	CEME	NT SQUEEZE,	, ETC
Perf Point I			_	6206'-	6734'				125,475gals 60Q (N2 Slick/Foam, w/100,421lbs of
g 1 SPF = 1 Perf Cliffho		' ≃ 25 Total Ho " diam.	ies.	5776'-	6145'	 	nd. N2·1,316,000			
		' = 26 Total Ho	les.	Acidize 10bbls 15% HCL F 20/40 AZ Sand, N2: 1,209,0			Frac zone w/114,765 gals 60Q N2 Slick/Foam w/98,900 lbs o 000 SCF.			
Total Holes	Blanco M	esa Verde= 51								
		i				 -				
33	ODUCTION	1 100	DUCTION METHOD (Flowing		ODUCTION				WELL STATUS	(Producing or shut-in)
DATE FIRST PE	N/A		LOWING	ry, уаз ни, рингрпідS	ь ани type от pum	ν,			SI	r-roducing of shut-in)
ATE OF TEST		HOURS TESTED	CHOKE SIZE PRO	DD'N FOR OILB	BL	GASMCF			RBBL	GAS-OIL RATIO
07/15/	2000	1	1/2"	T PERIOD	0	47	ncf/h		.3bw/h	
LOW. TUBING		CASING PRESSUR		ILBBL	GASMCF	4/11	WATERBBL		.JJ WV/11	OIL GRAVITY-API (CORR)
	SI-704psi SI-800psi 24-HOUR RATE 0 1126mcf/d					6	6bw/d			
34 DISPOSIT	ION OF GAS (Sold, used for fuel, v	ented, etc)						TEST WITNESS	ED BY
35 LIST OF A	TTACHMENTS	To be sold	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
This is goir	ig to be a f	Basin Dakota/E	Blanco Mesa Verde							
36 I hereby co	ertify that the fo	regoing and attached	d information is complete an	d correct as determine	d from all available	records				
NONED 7	+ 100	000	012	C+c#	Doguleten: T	aabniaa!-			-,1-	20/00-
SIGNED	TNR	<u> </u>	TITLE	Starr	Regulatory To	ecnnicain		DATE .		ASSESSED IN V

*(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.

JUL 3 1 2009



API # 30-039-30275			San Juan 27-4 Unit 58N		
Ojo Alamo	3605'	3809'	White, cr-gr ss.	Ojo Alamo	3605'
Kirtland	3809	3873'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3809'
Fruitland	3873'	4199'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3873'
Pictured Cliffs	4199'	4414'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	4199'
Lewis	4414'	4788'	Shale w/siltstone stringers	Lewis	4414'
Huerfanito Bentonite	4788'	5186'	White, waxy chalky bentonite	Huerfanito Bent.	4788'
Chacra	5186'	5771'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	5186'
Mesa Verde	5771'	6013'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5771'
Menefee	6013'	6360'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	6013'
Point Lookout	6360'	6855'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	6360'
Mancos	6855'	7520'	Dark gry carb sh.	Mancos	6855'
Gallup	7520'	8322'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	7520'
Greenhorn	8322'	8382'	Highly calc gry sh w/thin lmst.	Greenhorn	8322'
Graneros	8382'	8404'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	8382'
Dakota	8404'	'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	8404'
Morrison		'	Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	·

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Form 3160-4

(October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE

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

Comp NO 1004-0137

		D	LIAII	LIMITIAL OF	HEINIE	111011	reverse skie			December 31, 1991			
	BUREAU OF LAND MANAGEMENT									5 LEASE DESIGNATION AND SERIAL NO			
									USA-SF-080670				
VELL C	OMPL	ETION OF	REC	COMPLE	TION RE	PORT AND	LOG*	6 IF	INDIAN, ALLOT	TEE OH TRIBE NAME			
1a TYPE OF	WELL	Oll	LL L	GAS WELL X	URY Other								
				******	<u></u>		··············	7 U	VIT AGREEMEN				
b TYPE OF	NEW V	ION: Work	EO.	PLUG	DIFF					uan 27-4 Unit NAME, WELL NO			
	MELL X	OVER EN		BACK	HESVROther			1 8 7					
NAME OF	CODEDATO	\ <u>\</u>							San Juar	n 27-4 Unit 58N			
		Resources C	ii & G	as Compan	ν			ا ع		039-30275			
		EPHONE NO	777 04 04	uo oompun	/			10 F	TELD AND POOL				
PO	BOX 428	9, Farmington,	NM 87	499 (505)	326-9700	سا لها				OK/Blanco MV			
LOCATIO	N OF WELL	_ (Report location	clearly a	and in accordan	ce with any Stati	e requirements)	COLINE	= 1 71 S		OR BLOCK AND SURVEY			
At surface	e Un	it M(ŞW/SW),	685' FS	L & 1180' FW	'L		The State of the		OR AREA	naim airee MG			
	,					JU	L 29 2009	- 1		20° 6 DUA QUO			
At top pro	od. interval re	eported below	Unii	t K(NE/SW), 1	1384' FSL & 2					I, T27N, R4W			
At total de	epth Un	it K(NE/SW), 1	384' FS	L & 2003 ¹ FW	/L	Rureau ôf	land re-			OIL CONS. DIV.			
,						Famin.	Land Manage	mc na		<u> </u>			
				14.	PERMIT NO.	DATE ISSUE	Dan Freid Om	720 1 ²	OUNTY OR PARISH	13 STATE			
				ľ	4	l l			io Arriba	New Mexico			
DATE SPUE	1	DATE T D REACH		17 DATE COM	PL (Ready to prod	•	18 ELEVATIONS (D	F, RKB, RT,	BR, ETC)*	19 ELEV CASINGHEAD			
08/13/20		10/25/200		L	07/21/200			13' / KB					
TOTAL DEF	PTH, MD &TV	D 21. PLU	G, BACK T	FD, MD &TVD	22. IF MULTIPLE HOW	COMPL, MANY*	23 INTERVALS DRILLED BY	ROTAF	Y TOOLS	CABLE TOOLS			
MD 8650	0'/ TVD 85	31' МД	8646'/	TVD 8527']	2	5,	1 .	ves	1			
		L (S) OF THIS COM			AME (MD AND TV				25 WAS DIRE				
Bacin F	Dakata a	406' 0574'							SURVEY				
		106'-8574' THER LOGS RUN				***		27 14/4	S WELL CORED	YES			
	CL/CBL	THEN LOGS HOW			1			I' WA	O WELL CONED	No			
J. 100					ASING RECOR	O (Report all strings	set in well)						
CASING SIZE	E/GRADE	WEIGHT, LB /FT	DE	PTH SET (MD)	HOLE SIZE		ENT, CEMENTING F	ECORD		AMOUNT PULLED			
9 5/8"/		32.3#		379'	12 1/4"		80sx(456cf-81b			24bbls			
			T			ľ	ST @ 3884'						
	55	23#		5825'	8 3/4"	Surf. 700)sx(1699cf-302l	obis)		86bbls			
7"/J-{			1		L	30		TI	BING RECOR				
		LINER	BECOR	D		30				lD .			
	TOP (MD)		RECOR		SCREEN (MD)	SIZE	DEPTH S						
SIZE	TOP (MD)	LINER BOTTOM (MD		CKS CEMENT* 290sx	SCREEN (MD)	SIZE 2 3/8"	DEPTH S	ET (MD)		PACKER SET (MD)			
SIZE 1 1/2" 6#/L-80	4000'	8646') SA	CKS CEMENT*		2 3/8"	85	ET (MD)	Р	ACKER SET (MD)			
SIZE 1 1/2" 6#/L-80 PERFORAT	4000'	BOTTOM (MD 8646') SA	CKS CEMENT*	32	2 3/8" ACIE	85: D, SHOT, FRACTU	ET (MD) 31' RE, CEME	P NT SQUEEZE	ACKER SET (MD)			
SIZE 4 1/2" .6#/L-80 PERFORAT	4000' TION RECORI	BOTTOM (MD 8646' D (Interval, size and .34" diam.) SA	CKS CEMENT*	32	2 3/8" ACIE 5'-8574'	, SHOT, FRACTU Acidize w/ 10bl	ET (MD) 31' RE, CEME bl, 15% H	NT SQUEEZE CL. Frac w/	ETC 110,207 gals			
SIZE 4 1/2" 6#/L-80 PERFORAT f Basin D 2 SPF = 88	4000' TION RECORI Dakota w/ 1574-8522'	BOTTOM (MD 8646') SA	CKS CEMENT*	32	2 3/8" ACIE 5'-8574'	850 SHOT, FRACTU	ET (MD) 31' RE, CEME bl, 15% H	NT SQUEEZE CL. Frac w/	ETC 110,207 gals			
SIZE 1 1/2" 6#/L-80 PERFORAT f Basin D 2 SPF = 89 1 SPF = 8	4000' TION RECORI Dakota w/ 1574-8522' 8504'-8406	BOTTOM (MD 8646' D (Interval, size and .34" diam. = 26 Holes. b' = 22 Holes.) SA	CKS CEMENT*	32	2 3/8" ACIE 5'-8574'	, SHOT, FRACTU Acidize w/ 10bl	ET (MD) 31' RE, CEME bl, 15% H	NT SQUEEZE CL. Frac w/	ETC 110,207 gals			
SIZE 4 1/2" 6#/L-80 PERFORAT 6 Basin D 2 SPF = 89	4000' TION RECORI Dakota w/ 1574-8522' 8504'-8406	BOTTOM (MD 8646' D (Interval, size and .34" diam. = 26 Holes. b' = 22 Holes.) SA	CKS CEMENT*	32	2 3/8" ACIE 5'-8574'	, SHOT, FRACTU Acidize w/ 10bl	ET (MD) 31' RE, CEME bl, 15% H	NT SQUEEZE CL. Frac w/	ETC 110,207 gals			
SIZE 4 1/2" 6#/L-80 PERFORAT 6 Basin D 2 SPF = 89	4000' TION RECORI Dakota w/ 1574-8522' 8504'-8406	BOTTOM (MD 8646' D (Interval, size and .34" diam. = 26 Holes. b' = 22 Holes.) SA	CKS CEMENT*	32	2 3/8" ACIE 5'-8574'	, SHOT, FRACTU Acidize w/ 10bl	ET (MD) 31' RE, CEME bl, 15% H	NT SQUEEZE CL. Frac w/	ETC 110,207 gals			
SIZE 4 1/2" 6#/L-80 PERFORAT 6 Basin D 2 SPF = 89 1 SPF = 8	4000' TION RECORI Dakota w/ 1574-8522' 8504'-8406	BOTTOM (MD 8646' D (Interval, size and 34" diam. = 26 Holes. 5' = 22 Holes.) SA	CKS CEMENT* 290sx	32 8406	2 3/8" ACID S'-8574'	95; p, SHOT, FRACTU Acidize w/ 10bi Slickwater w/4i	ET (MD) 31' RE, CEME bl, 15% H	NT SQUEEZE CL. Frac w/ of 20/40 Ariz	, ETC 110,207 gals ona Sand.			
SIZE 4 1/2" .6#/L-80 PERFORAT If Basin D 2 SPF = 8: 1 SPF = 8 tal Dakota	4000' TION RECORI Dakota w/ 574-8522' 8504'-8406 al Holes =	BOTTOM (MD 8646' D (Interval, size and 34" diam. = 26 Holes. 5' = 22 Holes. 48	number)	CKS CEMENT* 290sx METHOD (Flowing	32 8406	2 3/8" ACIE	95; p, SHOT, FRACTU Acidize w/ 10bi Slickwater w/4i	ET (MD) 31' RE, CEME bl, 15% H	NT SQUEEZE CL. Frac w/ of 20/40 Ariz	ETC 110,207 gals			
SIZE 4 1/2" .6#/L-80 PERFORAT f Basin D 2 SPF = 8: 1 SPF = 8 tal Dakota	4000' TION RECORD Dakota w/ 1574-8522' 8504'-8406 al Holes =	BOTTOM (MD 8646' D (Interval, size and 34" diam. = 26 Holes. 5' = 22 Holes. 48	number)	CKS CEMENT* 290sx METHOD (Flowing	32 8406	2 3/8" ACIE S'-8574' PRODUCTION -size and type of pump	85: 0, SHOT, FRACTU Acidize w/ 10bi Slickwater w/40	ET (MD) 31' RE, CEME ol, 15% H 0,329lbs o	NT SQUEEZE CL. Frac w/ of 20/40 Ariz	, ETC 110,207 gals ona Sand. (Producing or shut-in)			
SIZE 4 1/2" .6#/L-80 PERFORAT f Basin D 2 SPF = 8! 1 SPF = 8 tal Dakota	4000' TION RECORD Dakota w/ 1574-8522' 8504'-8406 al Holes =	BOTTOM (MD 8646' D (Interval, size and 34" diam. = 26 Holes. 5' = 22 Holes. 48	number)	METHOD (Flowing	32 8406	2 3/8" ACID S'-8574'	95; p, SHOT, FRACTU Acidize w/ 10bi Slickwater w/4i	ET (MD) 31' RE, CEME ol, 15% H 0,329lbs o	NT SQUEEZE CL. Frac w/ of 20/40 Ariz	, ETC 110,207 gals ona Sand.			
SIZE 4 1/2" .6#/L-80 PERFORAT f Basin D 2 SPF = 8: 1 SPF = 8 al Dakota	4000' TION RECORD Dakota w/ 1574-8522' 8504'-8406 al Holes =	BOTTOM (MD 8646' D (Interval, size and 34" diam. = 26 Holes. 5' = 22 Holes. 48	number)	METHOD (Flowing	32 8406	2 3/8" ACIE S'-8574' PRODUCTION -size and type of pump	85: 0, SHOT, FRACTU Acidize w/ 10bi Slickwater w/40	ET (MD) 31' RE, CEME ol, 15% H 0,329lbs o	NT SQUEEZE CL. Frac w/ of 20/40 Ariz	, ETC 110,207 gals ona Sand. (Producing or shut-in)			
SIZE 4 1/2" .6#/L-80 PERFORAT f Basin D 2 SPF = 89 1 SPF = 8 al Dakota E FIRST PRO E OF TEST	4000' TION RECORD Dakota w/ .574-8522' 8504'-8406 al Holes =	BOTTOM (MD 8646' D (Interval, size and 34" diam. = 26 Holes. 5' = 22 Holes. 48 PROFE	DUCTION CHOK	METHOD (Flowing IG ESIZE PROTEST 1/2"	32 8406	ACIE S'-8574' PRODUCTION -size and type of pump	85: 0, SHOT, FRACTU Acidize w/ 10bi Slickwater w/40	ET (MD) 31' RE, CEME 01, 15% H 0,329lbs c	NT SQUEEZE CL. Frac w/ of 20/40 Ariz WELL STATUS SI R-BBL	, ETC 110,207 gals ona Sand. (Producing or shut-in)			
SIZE 1/2" 6#/L-80 PERFORAT f Basin D 2 SPF = 83 1 SPF = 8 al Dakota E FIRST PRO E OF TEST 07/21/2	4000' TION RECORD Dakota w/ 1574-8522' 8504'-8406 al Holes = DDUCTION N/A 2009 PRESS	BOTTOM (MD 8646' D (Interval, size and 34" diam. = 26 Holes. 3' = 22 Holes. 48 PRO FI HOURS TESTED 1 CASING PRESSUR	DUCTION CHOK	METHOD (Flowing IG	32 8406 9, gas lift, pumping- D'N FOR OIL- PERIOD	2 3/8" ACID S'-8574' PRODUCTIONsize and type of pumpBBL O GASMCF	85: 0, SHOT, FRACTU Acidize W/ 10bi Slickwater w/4i GAS-MCF 44mcf/h WATER	ET (MD) 31' RE, CEME J, 15% H ,329lbs c	NT SQUEEZE CL. Frac w/ of 20/40 Ariz WELL STATUS SI R-BBL .2bw/h	ACKER SET (MD) , ETC 110,207 gals cona Sand. (Producing or shut-in)			
SIZE 1/2" 6#/L-80 PERFORAT f Basin D SPF = 8i 1 SPF = 8i 1 SPF = 8 al Dakota FIRST PRO OF TEST 07/21/2 V TUBING P SI-704	4000' TION RECORI Dakota w/ 1574-8522' 8504'-8406 at Holes = DDUCTION N/A 2009 PRESS	BOTTOM (MD 8646' D (Interval, size and 34" diam. = 26 Holes. 5' = 22 Holes. 48 PRO: FI HOURS TESTED 1 CASING PRESSUR	DUCTION CHOK	METHOD (Flowing IG KE SIZE PRO TEST 1/2" ULLATED OIL DUR RATE	32 8406 9, gas lift, pumping- D'N FOR OIL-	2 3/8" ACIC 3'-8574' PRODUCTION -size and type of pump BBL	85: 0, SHOT, FRACTU Acidize W/ 10bi Slickwater w/4i GAS-MCF 44mcf/h WATER	ET (MD) 31' RE, CEME 01, 15% H 0,329lbs c	NT SQUEEZE CL. Frac w/ of 20/40 Ariz WELL STATUS SI R-BBL .2bw/h	ACKER SET (MD) , ETC 110,207 gals cona Sand. (Producing or shul-in) GAS-OIL RATIO OIL GRAVITY-API (CORR)			
SIZE 4 1/2" 6#/L-80 PERFORAT f Basin D 2 SPF = 8: 1 SPF = 8 al Dakota E FIRST PRO E OF TEST 07/21/2 W TUBING P	4000' TION RECORI Dakota w/ 1574-8522' 8504'-8406 at Holes = DDUCTION N/A 2009 PRESS	BOTTOM (MD 8646' D (Interval, size and 34" diam. = 26 Holes. 5' = 22 Holes. 48 PRO: FI HOURS TESTED 1 CASING PRESSUR SI-800psi Sold, used for fuel, vie.	DUCTION CHOK	METHOD (Flowing IG KE SIZE PRO TEST 1/2" ULLATED OIL DUR RATE	32 8406 9, gas lift, pumping- D'N FOR OIL- PERIOD	2 3/8" ACID S'-8574' PRODUCTIONsize and type of pumpBBL O GASMCF	85: 0, SHOT, FRACTU Acidize W/ 10bi Slickwater w/4i GAS-MCF 44mcf/h WATER	ET (MD) 31' RE, CEME J, 15% H ,329lbs c	NT SQUEEZE CL. Frac w/ of 20/40 Ariz WELL STATUS SI R-BBL .2bw/h	ACKER SET (MD) , ETC 110,207 gals cona Sand. (Producing or shul-in) GAS-OIL RATIO OIL GRAVITY-API (CORR)			
SIZE 4 1/2" .6#/L-80 PERFORAT ff Basin D 2 SPF = 8: 1 SPF = 8: all Dakota E FIRST PRO E OF TEST 07/21/2 W TUBING P SI-704 DISPOSITIO	4000' TION RECORD Dakota w/ 1574-8522' 8504'-8406 al Holes = DDUCTION N/A 2009 PRESS	BOTTOM (MD 8646' D (Interval, size and 34" diam. = 26 Holes. b' = 22 Holes. 48 PROINT HOURS TESTED 1 CASING PRESSUR SI-800psi Sold, used for fuel, ve To be sold	DUCTION CHOK	METHOD (Flowing IG KE SIZE PRO TEST 1/2" ULLATED OIL DUR RATE	32 8406 9, gas lift, pumping- D'N FOR OIL- PERIOD	2 3/8" ACID S'-8574' PRODUCTIONsize and type of pumpBBL O GASMCF	85: 0, SHOT, FRACTU Acidize W/ 10bi Slickwater w/4i GAS-MCF 44mcf/h WATER	ET (MD) 31' RE, CEME J, 15% H ,329lbs c	NT SQUEEZE CL. Frac w/ of 20/40 Ariz WELL STATUS SI R-BBL .2bw/h	ACKER SET (MD) , ETC 110,207 gals cona Sand. (Producing or shul-in) GAS-OIL RATIO OIL GRAVITY-API (CORR)			
SIZE 4 1/2" .6#/L-80 PERFORAT IF BASIN D 2 SPF = 8! 1 SPF = 8! 1 SPF = 8 tal Dakota E FIRST PRO E OF TEST 07/21/2 W TUBING P SI-704 DISPOSITIO	TION RECORD Dakota w/ 1574-8522' 8504'-8406 at Holes = DDUCTION N/A 2009 PRESS Ipsi DN OF GAS (3)	BOTTOM (MD 8646' D (Interval, size and 34" diam. = 26 Holes. 5' = 22 Holes. 48 PRO: FI HOURS TESTED 1 CASING PRESSUR SI-800psi Sold, used for fuel, ve To be sold	DUCTION CHOWIN CHOR	METHOD (Flowing IG PROTEST OF THE PR	32 8406 9, gas lift, puriping- DIN FOR OIL- PERIOD BBL 0	2 3/8" ACID S'-8574' PRODUCTIONsize and type of pumpBBL O GASMCF	Acidize w/ 10bi Slickwater w/4i Slickwater w/4i	ET (MD) 31' RE, CEME J, 15% H ,329lbs c	NT SQUEEZE CL. Frac w/ of 20/40 Ariz WELL STATUS SI R-BBL .2bw/h	ACKER SET (MD) , ETC 110,207 gals cona Sand. (Producing or shul-in) GAS-OIL RATIO OIL GRAVITY-API (CORR)			
SIZE 4 1/2" .6#/L-80 PERFORAT rf Basin D 2 SPF = 8: 1 S	4000' TION RECORD Dakota w/ 1574-8522' 8504'-8406 al Holes = DDUCTION N/A 2009 PRESS Ipsi DN OF GAS (3) TACHMENTS g to be a E	BOTTOM (MD 8646' D (Interval, size and .34" diam. = 26 Holes. 's = 22 Holes. 48 PRO FI HOURS TESTED 1 CASING PRESSUR SI-800psi Sold, used for fuel, vs. To be sold	DUCTION OWIN CHOR 24-HC	METHOD (Flowing IG KE SIZE PROTEST 1/2" ULATED OIL DUR RATE) Mesa Verde w	32 8406 g, gas lift, pumping- DN FOR OIL- PERIOD L-BBL 0	ACID S'-8574' PRODUCTIONsize and type of pumpBBL O GASMCF 1061 mcf	85: D, SHOT, FRACTU Acidize W/ 10bi Slickwater w/4i GAS-MCF 44mcf/h WATER	ET (MD) 31' RE, CEME J, 15% H ,329lbs c	NT SQUEEZE CL. Frac w/ of 20/40 Ariz WELL STATUS SI R-BBL .2bw/h	ACKER SET (MD) , ETC 110,207 gals cona Sand. (Producing or shul-in) GAS-OIL RATIO OIL GRAVITY-API (CORR)			
SIZE 4 1/2" .6#/L-80 PERFORAT ff Basin D 2 SPF = 8: 1 S	4000' TION RECORD Dakota w/ 1574-8522' 8504'-8406 al Holes = DDUCTION N/A 2009 PRESS Ipsi DN OF GAS (3) TACHMENTS g to be a E	BOTTOM (MD 8646' D (Interval, size and .34" diam. = 26 Holes. 's = 22 Holes. 48 PRO FI HOURS TESTED 1 CASING PRESSUR SI-800psi Sold, used for fuel, vs. To be sold	DUCTION OWIN CHOR 24-HC	METHOD (Flowing IG KE SIZE PROTEST 1/2" ULATED OIL DUR RATE) Mesa Verde w	32 8406 9, gas lift, pumping- DIN FOR OIL- PERIOD O Vell being DHC correct as determine	PRODUCTIONsize and type of pumpBBL 0 GASMCF 1061 mcf	95: O, SHOT, FRACTU Acidize W/ 10bi Slickwater w/4i GAS-MCF 44mcf/h WATER	ET (MD) 31' RE, CEME J, 15% H ,329lbs c	NT SQUEEZE CL. Frac w/ of 20/40 Ariz WELL STATUS SI R-BBL .2bw/h	ACKER SET (MD) , ETC 110,207 gals cona Sand. (Producing or shul-in) GAS-OIL RATIO OIL GRAVITY-API (CORR)			

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.

PARMANOTON FIELD OFFICE

API # 30-039-30275			San Juan 27-4 Unit 58N		
Ojo Alamo	3605'	3809'	White, cr-gr ss.	Ojo Alamo	3605
Kirtland	3809'	3873'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3809
Fruitland	3873'	4199'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3873
Pictured Cliffs	4199'	4414'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	4199
Lewis	4414'	4788'	Shale w/siltstone stringers	Lewis	4414
Huerfanito Bentonite	4788'	5186'	White, waxy chalky bentonite	Huerfanito Bent.	4788'
Chacra	5186'	5771'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	5186
Mesa Verde	5771'	6013'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5771
Menefee	6013	6360'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	6013
Point Lookout	6360'	6855'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	6360'
Mancos	6855'	7520'	Dark gry carb sh.	Mancos	6855
Gallup	7520'	8322'	Lt gry to bm calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	7520
Greenhorn	8322'	8382'	Highly calc gry sh w/thin lmst.	Greenhorn	8322'
Graneros	8382'	8404'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	8382
Dakota	8404'	1	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	8404
Morrison		'	Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	
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