Form 3160-4 (October 1990)

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

**BUREAU OF LAND MANAGEMENT** 

SUBMIT IN DUPLICATE\*

(See other In-structions on reverse side)

FOR APPROVED OMB NO. 1004-0137

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

SF-0	772	31
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WELL COMPL	ETION OR F	RECOMPLE	TION REP	ORT AND	LO	G*	6 IF	INDIAN, ALLOTTE	E OR TRIBE NAME
1a TYPE OF WELL.	OIL WELL	GAS WELL X	DRY Other						
b TYPE OF COMPLET	ION <sup>,</sup>						7. UN	NIT AGREEMENT I	NAME
NEW X		PLUG .	DIFF [7]				8 FA	RM OR LEASE NA	AME, WELL NO.
WELL	OVER EN	BACK	RESVR Other				•		, , , , , , , , , , , , , , , , , , ,
2 NAME OF OPERATO	<u></u>				en control i		9 AF	Shaw 1M	
BURLINGTO	N RESOURCES (	DIL & GAS COME	PANY RE	ECEN	E				55 -00CZ
3 ADDRESS AND TEL		4 07400 (50E	326-9700				ı	•	anco MesaVerde
4. LOCATION OF WEL	9, Farmington, NI	arly and in accordan	oce with any State re	#@¥###\$\\$ <del>\</del> 26	107	<del></del>			BLOCK AND SURVEY
	nit C (NENW) 1180			460 du 20 2 2			•	OR AREA	
At surface Of	iic o (NENV) 1100	11 NL G 1975 1 W		of Land Ma	anade	ement		Sec.13 T30	N R09W, NMPM
At top prod interval r	enorted helow		Duleat	mington Fiel	d Offi	ice	ł		TO'SI VONOV
, , , , , , , , , , , , , , , , , , ,			t an	illing con the					
At total depth									IL CONS. DIV.
		14.4	PERMIT NO	DATE ISSUE			12 0	OUNTY OR	13. STATE
		}'*	PERMIT NO	1				PARISH	DIST. 3
								San Juan	New Mexico
	DATE T D. REACHED		MPL. (Ready to prod )	•		EVATIONS (DF, RI			19. ELEV. CASINGHEAD
8/14/2007 20. TOTAL DEPTH, MD &/T	8/18/2007	10/2: ACK T.D , MD &TVD	5/2007 22. IF MULTIPLE CO	OMPi	GL 23 INT	5814'	KB	5830'	CABLE TOOLS
EU. TOTAL DEFTA, WID OUT	21. FLUG, 5	ACK I.D, MD &IVD	HOW N			RILLED BY	ACIAN	10013	CABLL TOOLS
7143'	7136		2				yes		
24 PRODUCTION INTERV	AL (S) OF THIS COMPLI	ETION-TOP, BOTTOM	, NAME (MD AND TVD	)*				25. WAS DIRECT	
Blanco Mesave	rde 4324' - 4	930'						SORVETIVE	No
26 TYPE ELECTRIC AND C	THER LOGS RUN		<u></u>	·			27 WA	S WELL CORED	
GR, CBL									No
28.			CASING RECORD	(Report all string:	s set in	well)			
CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (MD)				EMENTING RECC	RD		OUNT PULLED
9 5/8" H-40 7" J-55	32.3# 20#	239' 2848'	12 1/4" 8 3/4"	surface; 283		(360 cf) (832 cf)		30 bbls 43 bbls	
4 1/2" L-80	11.6#	7138'	6 1/4"	surface; 411 TOC 2050'; 3		(647 cf)		43 DDIS	
29	LINER RE	CORD		30		`	ΤŲ	BING RECORD	
SIZE TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE		DEPTH SET (	MD)	PA	CKER SET (MD)
				2-3/8"		7000'			
PERFORATION RECOR	D (Interval eize and nun	phor)	20	1		T, FRACTURE,	CEME	NT COLLEGE E	TC .
LO/LMF @ 1 SPF	(I'''CI VAI, SEE AND HON	noer)	32. <b>4572' - 4930'</b>	ACI		Is 15% HCL A		NI SQUEEZE, E	10.
572' - 4930' = 49 h	oles							144,650# 20/4	0 Brady sand
IMF/CH @ 1 SPF			1,478,200 scf N2						
324' - 4502' = 30 h	oles		4324' - 4502'	4324' - 4502'   10 bbls 15% HCL / 35,616gals Slickw/ 731,800 scf N2			Acid, ater w/100,000# 20/40 Brady sand		
otal holes = 79									
otal fioles - 13									
									*****
33 ATE FIRST PRODUCTION	PRODUC	HON METHOD (Flow		ODUCTION	( a			IWELL STATUS (F	Producing or shut-in )
I W/O Facilities			Flowing		- /			SI	,
	HOURS TESTED		OD'N FOR OIL-B	BL	GAS-I	MCF	WATE	RBBL	GAS-OIL RATIO
40/00/07			ST PERIOD			_		_	
10/23/07 OW. TUBING PRESS	1 CASING PRESSURE	1.125"	OILBBL	GAS-MCF	22 m	CTN WATERBB		0	OIL GRAVITY-API (CORR.)
.077. 70207.1.200	ONONIO I NEGOCINE	24-HOUR RATE	,ie00c	1	- 1	WATER DE	-		OL GIGITITI ANTIGORIUM
SI 261#	FL 143#	<b>O</b>		536 mcf/d		0	_		
DISPOSITION OF GAS (			_					TEST WITNESSE	DBY
To be sold. W/C		set before firs	t production.					L	
		r order #2500 47							
This is a MV/DK w  36 I hereby certify that the fo				ed from all available	records				
	*				-				
IGNED Tomb	lermo	TITLE	Regulatory Ted	hnician			DATE	11/7/2007	
<del>-,~-</del>									
	*(Se	e Instructions	and Spaces for	r Additional	Data	on Reverse	Side	)	ACCEPTED FOR RE

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.

CRD



Ojo Alamo	1321' 1470'	White, cr-gr ss.	Ojo Alamo	1321'
Kirtland	1470' 1951'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1470'
Fruitland	1951' 2601'	Dk gry-gry carb sh, coal, grn silts, light-	Fruitland	1951'
		med gry, tight, fine gr ss.		
Pictured Cliffs	2601' 2807'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2601'
Lewis	2807' 3285'	Shale w/siltstone stringers	Lewis	2807′
Huerfanito Bentonite	3285' 3616'	White, waxy chalky bentonite	Huerfanito Bent.	3285'
Chacra	3616' 4098'	Gry fn grn silty, glauconitic sd stone	Chacra	3616′
•		w/drk gry shale	Mesa Verde	4098'
Mesa Verde	4098' 4429'	Light gry, med-fine gr ss, carb sh	Menefee	4429'
		& coal	Point Lookout	4782′
Menefee	4429' 4782'	Med-dark gry, fine gr ss, carb sh & coal	Mancos	5192'
Point Lookout	4782' 5192'	Med-light gry, very fine gr ss w/frequent	Gallup	6090′
		sh breaks in lower part of formation	Greenhorn	6819'
Mancos	5192' 6090'	Dark gry carb sh.	Graneros	6867′
Gallup	6090' 6819'	Lt gry to brn calc carb micac glauc	Dakota	6910′
		silts & very fine gr gry ss w/irreg.interbed sh		
La Ventana	XXXX XXXX ;	Wt to lt buff to med grn sl carb bent		
Greenhorn	6819′ <u> </u> 6867′ ·	Highly calc gry sh w/thin lmst.		
Graneros	6867' 6910'	Dk gry shale, fossil & carb w/pyrite incl.		
Dakota	6910'	Lt to dk gry foss carb sl calc sl silty		
	and the later of	ss w/pyrite incl thin sh bands clay & shale brea	aks	
	A STATE OF THE STA			
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(October 1990)

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

SUBMIT IN DUPLICATE\* reverse side)

FOR APPROVED OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

WELL A	01101	ETION OF	SEAGUA	ETION DEF	VART AVIR	$T\Delta$	<b>~</b> +	6 IE I	NICIANI ALLOTTE	E OR TRIBE NAME	
VELL C		OIL		ETION REF	OKI AND	LU(	"ت	J 5. 1F 1	, ALLOTTE	E ON TRIBE HAIRE	
* 111 L OI	***	WELL	GAS WELL X	DRYOther				7 UN	IT AGREEMENT I	NAME	
TYPE OF	COMPLETI	. —									
	WELL X	WORK DEEP- OVER EN	PLUG BACK	DIFF RESVR Other				8. FA	RM OR LEASE NA	AME, WELL NO.	
									Shaw 1M		
	F OPERATO							9. AP	WELL NO	FF	
		N RESOURCES ( EPHONE NO	OIL & GAS CO	MPANY	A Marco God (Arm II)	El H Ba	Sa Mary	30-045-34255 - OC.\ 10. FIELD AND POOL, OR WILDCAT			
		9, Farmington, N	<b>M 87499</b> (5	05) 326-9700	Keuei	WE	:U	1		anco MesaVerde	
			early and in accord	dance with any State	requirements)*					R BLOCK AND SURVEY	
At surface	e <b>U</b> n	nit C (NENW) 118	0 FNL & 1975'	FWL	NOV 07	2007			R AREA		
					NOV U 8	2001		1	Sec.13 T30N R09W, NMPM		
At top pro	od. interval re	eported below		Run	eau of Land N	<i>l</i> lanar	nement	İ	R(	TO EL VON QUE	
At total de	epth				armington Fi				971	IIL CONS. DIV.	
	•										
				14. PERMIT NO	DATE ISSUE	ED			OUNTY OR PARISH	13 STATE 3	
							,	'	San Juan	New Mexico	
DATE SPU		DATE T.D. REACHE	1	COMPL. (Ready to prod	(1)		EVATIONS (DF, I			19. ELEV. CASINGHEAD	
8/14/20	007 PTH, MD &/T\	8/18/2007	10 BACK T.D., MD &TV	/25/2007 D 22. IF MULTIPLE	COMP	GL	5814'	KB	5830' Y TOOLS	CABLE TOOLS	
TOTAL DE	:PIH, MD &/I\	VD  21. PLUG,	BACK ID, MD &IV		COMPL, / MANY*		RILLED BY	ROTAR	Y TOOLS	CABLE TOOLS	
714		7130		2				yes			
PRODUCT	TION INTERVA	AL (S) OF THIS COMPL	ETION-TOP, BOTT	OM, NAME (MD AND T	/D)*				25 WAS DIRECT		
Basin [	Dakota	6914' - 7092'								No	
GR, CI		THER LOGS RUN		,				27. WA	S WELL CORED	No	
				CASING RECOR	D (D - ) - 1 - 11 - 1-1						
				CASING NECON	<u> </u>						
CASING SIZE		WEIGHT, LB./FT	DEPTH SET (N	MD) HOLE SIZE	TOP OF CEI	MENT, C	EMENTING REC	ORD		MOUNT PULLED	
CASING SIZE 9 5/8" H	I-40	32.3#	239'	MD) HOLE SIZE 12 1/4"	TOP OF CEI	MENT, C SX	EMENTING REC (360 cf)	ORD	30 bbls	MOUNT PULLED	
CASING SIZE	1-40			MD) HOLE SIZE	TOP OF CEI	MENT, C SX SX	EMENTING REC	ORD		MOUNT PULLED	
9 5/8" H 7" J-55 4 1/2" L-	-80	32.3# 20# 11.6# LINER R	239' 2848' 7138' ECORD	MD) HOLE SIZE 12 1/4" 8 3/4" 6 1/4"	TOP OF CEI surface; 283 surface; 411 TOC 2050'; 3	MENT, C SX SX	EMENTING REC (360 cf) (832 cf) (647 cf)	ΤĹ	30 bbls 43 bbls BING RECORD		
9 5/8" H 7" J-55 4 1/2" L-	1-40	32.3# 20# 11.6#	239' 2848' 7138'	MD) HOLE SIZE 12 1/4" 8 3/4" 6 1/4"	TOP OF CEI surface; 283 surface; 411 TOC 2050'; 3	MENT, C SX SX 326SX	EMENTING REC (360 cf) (832 cf) (647 cf)	ΤĹ	30 bbls 43 bbls BING RECORD		
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9 5/8" H 7" J-55 4 1/2" L-	-80 TOP (MD)	32.3# 20# 11.6# LINER R BOTTOM (MD)	239' 2848' 7138' ECORD SACKS CEMEN	AD) HOLE SIZE  12 1/4"  8 3/4"  6 1/4"  SCREEN (MD)	TOP OF CEI surface; 283 surface; 411 TOC 2050'; 3 30 SIZE 2-3/8"	MENT, C SX SX S26SX ID, SHC	EMENTING REC (360 cf) (832 cf) (647 cf) DEPTH SET 7000'	(MD) E, CEME	30 bbls 43 bbls BING RECORD PA	O ACKER SET (MD) ETC	
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PERFORA	-80 TOP (MD)	32.3# 20# 11.6# LINER R BOTTOM (MD)	239' 2848' 7138' ECORD SACKS CEMEN	MD) HOLE SIZE 12 1/4" 8 3/4" 6 1/4"  SCREEN (MD) 32.	TOP OF CEI surface; 283 surface; 411 TOC 2050'; 3 30 SIZE 2-3/8"	MENT, C SX SX SZ BZ6SX ID, SHC 10 bb	EMENTING REC (360 cf) (832 cf) (647 cf) DEPTH SET 7000'	(MD) E, CEME	30 bbls 43 bbls BING RECORD PA	O ACKER SET (MD) ETC	
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9 5/8" H- 7" J-55 4 1/2" L- SIZE  PERFORA	TOP (MD)	32.3# 20# 11.6# LINER R BOTTOM (MD)	239' 2848' 7138' ECORD SACKS CEMEN	MD) HOLE SIZE 12 1/4" 8 3/4" 6 1/4"  SCREEN (MD) 32.	TOP OF CEI surface; 283 surface; 411 TOC 2050'; 3 30 SIZE 2-3/8"	MENT, C SX SX SZ BZ6SX ID, SHC 10 bb	EMENTING REC (360 cf) (832 cf) (647 cf) DEPTH SET 7000' OT, FRACTURE IIS 15% HCL 4gals Slickw	(MD) E, CEME	30 bbls 43 bbls BING RECORD PA	O ACKER SET (MD) ETC	
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9 5/8" H 7" J-55 4 1/2" L- SIZE	TOP (MD)	32.3# 20# 11.6# LINER R BOTTOM (MD)	239' 2848' 7138' ECORD SACKS CEMEN	AD) HOLE SIZE  12 1/4"  8 3/4"  6 1/4"  SCREEN (MD)  32.  6914' - 7092'	TOP OF CEI surface; 283 surface; 411 TOC 2050'; 3 30 SIZE 2-3/8"	MENT, C SX SX SZ BZ6SX ID, SHC 10 bb	EMENTING REC (360 cf) (832 cf) (647 cf) DEPTH SET 7000' OT, FRACTURE IIS 15% HCL 4gals Slickw	(MD) E, CEME	30 bbls 43 bbls BING RECORD PA	D ACKER SET (MD) ETC	
PERFORA  2 SPF 14' - 709	TOP (MD)  TION RECOR	32.3# 20# 11.6# LINER R BOTTOM (MD) D (Interval, size and nu	239' 2848' 7138' ECORD SACKS CEMEN	AD) HOLE SIZE  12 1/4"  8 3/4"  6 1/4"  SCREEN (MD)  32.  6914' - 7092'	TOP OF CEI Surface; 283 Surface; 411 TOC 2050'; 3 30 SIZE 2-3/8" AC	MENT, C SX SX SX SZ65X ID, SHC 10 bb 32,63 5,528	EMENTING REC (360 cf) (832 cf) (647 cf) DEPTH SET 7000' OT, FRACTURE IIS 15% HCL 4gals Slickw	(MD) E, CEME	30 bbls 43 bbls BING RECORD PA NT SQUEEZE, 1 25,000# 20/40	D ACKER SET (MD) ETC	
9 5/8" H- 7" J-55 4 1/2" L- SIZE  PERFORA  2SPF 14' - 709	TOP (MD)  TION RECOR  12' = 58 ho	32.3# 20# 11.6# LINER R BOTTOM (MD) D (Interval, size and nu	239' 2848' 7138' ECORD SACKS CEMEN	AD) HOLE SIZE  12 1/4"  8 3/4"  6 1/4"  SCREEN (MD)  32.  6914' - 7092'	TOP OF CEI Surface; 283 Surface; 411 TOC 2050'; 3 30 SIZE 2-3/8" AC	MENT, C SX SX SX SZ65X ID, SHC 10 bb 32,63 5,528	EMENTING REC (360 cf) (832 cf) (647 cf) DEPTH SET 7000' OT, FRACTURE IIS 15% HCL 4gals Slickw	(MD) E, CEME	30 bbls 43 bbls BING RECORD PA NT SQUEEZE, 1 25,000# 20/40	ETC  OTLC sand	
PERFORA  PERFORA  PERFORA  PERFORA  PERFORA  W/O Facil	TOP (MD)  TION RECOR  12' = 58 ho	32.3# 20# 11.6# LINER R BOTTOM (MD) D (Interval, size and nu	239' 2848' 7138' ECORD SACKS CEMEN	AD) HOLE SIZE  12 1/4"  8 3/4"  6 1/4"  SCREEN (MD)  32.  6914' - 7092'  lowing, gas lift, pumping  Flowing  PROD'N FOR OIL	TOP OF CEI Surface; 283 Surface; 411 TOC 2050'; 3 30 SIZE 2-3/8" AC	MENT, C SX SX SX SZ65X ID, SHC 10 bb 32,63 5,528	EMENTING REC (360 cf) (832 cf) (647 cf) DEPTH SET 7000' DT, FRACTURE IIS 15% HCL 4gals Slickw ,300 scf N2	(MD) E, CEME Acid, rater w/	30 bbls 43 bbls BING RECORE PA NT SQUEEZE, I 25,000# 20/40	ETC  OTLC sand	
PERFORA  PER	TOP (MD)  TION RECOR  12' = 58 ho	32.3# 20# 11.6# LINER R BOTTOM (MD) D (Interval, size and nu	239' 2848' 7138' ECORD SACKS CEMEN  This is a second of the second of th	AD) HOLE SIZE  12 1/4"  8 3/4"  6 1/4"  SCREEN (MD)  32.  6914' - 7092'  Nowing, gas lift, pumping  Flowing  PROD'N FOR OIL  TEST PERIOD	TOP OF CEI Surface; 283 Surface; 411 TOC 2050'; 3 30 SIZE 2-3/8" ACI	MENT, C SX SX SZ6SX ID, SHC 10 bb 32,63 5,528	EMENTING REC (360 cf) (832 cf) (647 cf)  DEPTH SET 7000'  DT, FRACTURE IS 15% HCL 4gals Slickw ,300 scf N2	(MD) E, CEME Acid, rater w/	30 bbls 43 bbls BING RECORD PA  NT SQUEEZE, 1 25,000# 20/40  IWELL STATUS ( SI R-BBL	CKER SET (MD)  ETC  TLC sand  Producing or shul-in)	
PERFORA  PER	1-40 -80 TOP (MD)	32.3# 20# 11.6# LINER R BOTTOM (MD) D (Interval, size and nu	239' 2848' 7138' ECORD SACKS CEMEN  TO METHOD (F	AD) HOLE SIZE  12 1/4"  8 3/4"  6 1/4"  SCREEN (MD)  32.  6914' - 7092'  lowing, gas lift, pumping  Flowing  PROD'N FOR OIL	TOP OF CEI Surface; 283 Surface; 411 TOC 2050'; 3 30 SIZE 2-3/8" ACI	MENT, C SX SX SX SZ6SX ID, SHC 10 bb 32,63 5,528	EMENTING REC (360 cf) (832 cf) (647 cf)  DEPTH SET 7000'  DT, FRACTURE IS 15% HCL 4gals Slickw ,300 scf N2	CEME Acid, rater w/	30 bbls 43 bbls BING RECORD PA  NT SQUEEZE, 1 25,000# 20/40  WELL STATUS (	CKER SET (MD)  ETC  TLC sand  Producing or shut-in)	
PERFORA  PER	TOP (MD)  TION RECOR  12' = 58 ho  ODUCTION  Illities	32.3# 20# 11.6# LINER R BOTTOM (MD) D (Interval, size and nu Dies PRODU HOURS TESTED 1 CASING PRESSURE	239' 2848' 7138' ECORD SACKS CEMEN  TO METHOD (F	AD) HOLE SIZE  12 1/4"  8 3/4"  6 1/4"  SCREEN (MD)  32.  6914' - 7092'  Flowing, gas lift, pumping Flowing PROD'N FOR OIL TEST PERIOD OILBBL	TOP OF CEI Surface; 283 Surface; 411 TOC 2050'; 3 30 SIZE 2-3/8"  AC  PRODUCTION —Size and type of pun —BBL	MENT, C SX SX SX SZ6SX  ID, SHC 10 bb 32,63 5,528  GAS- 10 m	EMENTING REC (360 cf) (832 cf) (647 cf)  DEPTH SET 7000'  OT, FRACTURE IS 15% HCL 4gals Slickw ,300 scf N2  MCF  MCF	CEME Acid, rater w/	30 bbls 43 bbls BING RECORD PA  NT SQUEEZE, 1 25,000# 20/40  IWELL STATUS ( SI R-BBL	Producing or shul-in)  GAS-OIL RATIO	
PERFORA  PER	TOP (MD)  TION RECOR  2' = 58 ho  ODUCTION  Illities	32.3# 20# 11.6# LINER R BOTTOM (MD) D (Interval, size and nu  DIES  PRODU HOURS TESTED 1 CASING PRESSURE FL 145#	239' 2848' 7138' ECORD SACKS CEMEN  Mber)  CHOKE SIZE 1.5"  CALCULATED 24-HOUR RATE	AD) HOLE SIZE  12 1/4"  8 3/4"  6 1/4"  SCREEN (MD)  32.  6914' - 7092'  Howing, gas lift, pumping  Flowing  PROD'N FOR  TEST PERIOD  0	TOP OF CEI surface; 283 surface; 411 TOC 2050'; 3 30 SIZE 2-3/8"  AC	MENT, C SX SX SX SZ6SX  ID, SHC 10 bb 32,63 5,528  GAS- 10 m	EMENTING REC (360 cf) (832 cf) (647 cf)  DEPTH SET 7000'  OT, FRACTURE IS 15% HCL 4gals Slickw ,300 scf N2	CEME Acid, rater w/	30 bbls 43 bbls BING RECORD PA  NT SQUEEZE, I  25,000# 20/40  WELL STATUS ( SI R-BBL 0	ACKER SET (MD)  ETC  D'TLC sand  Producing or shul-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)	
PERFORA  PER	TOP (MD)  TION RECOR  ODUCTION  Illities  PRESS  ON OF GAS (3)	32.3# 20# 11.6# LINER R BOTTOM (MD) D (Interval, size and nu Dies PRODU HOURS TESTED 1 CASING PRESSURE FL 145# Sold, used for fuel, veni	239' 2848' 7138' ECORD SACKS CEMEN  Mber)  CHOKE SIZE 1.5"  CALCULATED 24-HOUR RATE	AD) HOLE SIZE  12 1/4"  8 3/4"  6 1/4"  SCREEN (MD)  32.  6914' - 7092'  Nowing, gas lift, pumping Flowing PROD'N FOR OIL-BBL  O	TOP OF CEI Surface; 283 Surface; 411 TOC 2050'; 3 30 SIZE 2-3/8"  ACI  PRODUCTION —Size and type of pun —BBL  GAS—MCF 234 mcf/d	MENT, C SX SX SX SZ6SX  ID, SHC 10 bb 32,63 5,528  GAS- 10 m	EMENTING REC (360 cf) (832 cf) (647 cf)  DEPTH SET 7000'  OT, FRACTURE IS 15% HCL 4gals Slickw ,300 scf N2	CEME Acid, rater w/	30 bbls 43 bbls BING RECORD PA  NT SQUEEZE, 1 25,000# 20/40  IWELL STATUS ( SI R-BBL	ACKER SET (MD)  ETC  D'TLC sand  Producing or shul-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)	
PERFORA  TO BE SI 261#  DISPOSITIO  To be SI 261#	TOP (MD)  TION RECOR  ODUCTION  Illities  PRESS  ON OF GAS (3)	32.3# 20# 11.6# LINER R BOTTOM (MD)  D (Interval, size and nu  D (Interval)  D (Interval)  D (Interval)  D (Interval)  D (Interval)  PRODU  HOURS TESTED  1  CASING PRESSURE  FL 145# Sold, used for fuel, veni  D facilities to be	239' 2848' 7138' ECORD SACKS CEMEN  Mber)  CHOKE SIZE 1.5"  CALCULATED 24-HOUR RATE	AD) HOLE SIZE  12 1/4"  8 3/4"  6 1/4"  SCREEN (MD)  32.  6914' - 7092'  Flowing, gas lift, pumping Flowing PROD'N FOR OIL TEST PERIOD OILBBL	TOP OF CEI Surface; 283 Surface; 411 TOC 2050'; 3 30 SIZE 2-3/8"  ACI  PRODUCTION —Size and type of pun —BBL  GAS—MCF 234 mcf/d	MENT, C SX SX SX SZ6SX  ID, SHC 10 bb 32,63 5,528  GAS- 10 m	EMENTING REC (360 cf) (832 cf) (647 cf)  DEPTH SET 7000'  OT, FRACTURE IS 15% HCL 4gals Slickw ,300 scf N2	CEME Acid, rater w/	30 bbls 43 bbls BING RECORD PA  NT SQUEEZE, I  25,000# 20/40  WELL STATUS ( SI R-BBL 0	ACKER SET (MD)  ETC  D'TLC sand  Producing or shul-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)	
PERFORA  TO BE  BE FIRST PRO  W/O Facil  FOR TUBING FOR TUB	TOP (MD)  TOP (MD)  TION RECOR  12' = 58 ho  TODUCTION  TOULTION   32.3# 20# 11.6#  LINER R  BOTTOM (MD)  D (Interval, size and nu  D (Interval)  D (Interval)  PRODU  HOURS TESTED  1  CASING PRESSURE  FL 145# Sold, used for fuel, veni D facilities to be set being DHC pe	239' 2848' 7138' ECORD SACKS CEMEN  SACKS CEMEN  CHOKE SIZE  1.5"  CALCULATED 24-HOUR RATE 24-HOUR RATE 24-HOUR RATE 24-HOUR RATE 25-HOUR RATE 26-HOUR RATE 27-HOUR RATE 28-HOUR RATE 29-HOUR RATE 29-HO	AD) HOLE SIZE  12 1/4"  8 3/4" 6 1/4"  SCREEN (MD)  32. 6914' - 7092'  Nowing, gas lift, pumping Flowing PROD'N FOR OIL-BBL  0  Gil-BBL  0  Girst production  AZ.	TOP OF CEI surface; 283 surface; 411 TOC 2050'; 3 30 SIZE 2-3/8"  ACI  PRODUCTIONsize and type of punBBL  GASMCF 234 mcf/d	MENT, C SX SX SX 126sx ID, SHC 10 bb 32,63 5,528	EMENTING REC (360 cf) (832 cf) (647 cf)  DEPTH SET 7000'  OT, FRACTURE OS 15% HCL 4gals Slickw ,300 scf N2  MCF  MCF  WATER-E 0	CEME Acid, rater w/	30 bbls 43 bbls BING RECORD PA  NT SQUEEZE, I  25,000# 20/40  WELL STATUS ( SI R-BBL 0	ACKER SET (MD)  ETC  D'TLC sand  Producing or shul-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)		
PERFORA  TO BE  BE FIRST PRO  W/O Facil  FOR TUBING FOR TUB	TOP (MD)  TOP (MD)  TION RECOR  12' = 58 ho  TODUCTION  TOULTION   32.3# 20# 11.6#  LINER R  BOTTOM (MD)  D (Interval, size and nu  D (Interval)  D (Interval)  PRODU  HOURS TESTED  1  CASING PRESSURE  FL 145# Sold, used for fuel, veni D facilities to be set being DHC pe	239' 2848' 7138' ECORD SACKS CEMEN  SACKS CEMEN  CHOKE SIZE  1.5"  CALCULATED 24-HOUR RATE 24-HOUR RATE 24-HOUR RATE 24-HOUR RATE 25-HOUR RATE 26-HOUR RATE 27-HOUR RATE 28-HOUR RATE 29-HOUR RATE 29-HO	AD) HOLE SIZE  12 1/4"  8 3/4"  6 1/4"  SCREEN (MD)  32.  6914' - 7092'  Nowing, gas lift, pumping  Flowing  PROD'N FOR OILTEST PERIOD   TOP OF CEI surface; 283 surface; 411 TOC 2050'; 3 30 SIZE 2-3/8"  ACI  PRODUCTIONsize and type of punBBL  GASMCF 234 mcf/d	MENT, C SX SX SX 126sx ID, SHC 10 bb 32,63 5,528	EMENTING REC (360 cf) (832 cf) (647 cf)  DEPTH SET 7000'  OT, FRACTURE OS 15% HCL 4gals Slickw ,300 scf N2  MCF  MCF  WATER-E 0	CEME Acid, rater w/	30 bbls 43 bbls BING RECORD PA  NT SQUEEZE, I  25,000# 20/40  WELL STATUS ( SI R-BBL 0	ACKER SET (MD)  ETC  D'TLC sand  Producing or shul-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)			
PERFORA  TO BE SELIST OF AT  This is a	TOP (MD)  TOP (MD)  TION RECOR  12' = 58 ho  TODUCTION  TOULTION   32.3# 20# 11.6#  LINER R  BOTTOM (MD)  D (Interval, size and nu  D (Interval)  D (Interval)  PRODU  HOURS TESTED  1  CASING PRESSURE  FL 145# Sold, used for fuel, veni D facilities to be set being DHC pe	239' 2848' 7138' ECORD SACKS CEMEN  SACKS CEMEN  CHOKE SIZE  1.5"  CALCULATED 24-HOUR RATE 24-HOUR RATE 24-HOUR RATE 24-HOUR RATE 25-HOUR RATE 26-HOUR RATE 27-HOUR RATE 28-HOUR RATE 29-HOUR RATE 29-HO	AD) HOLE SIZE  12 1/4"  8 3/4"  6 1/4"  SCREEN (MD)  32.  6914' - 7092'  Nowing, gas lift, pumping  Flowing  PROD'N FOR OIL-TEST PERIOD  OIL-BBL  0  First production  AZ.  te and correct as determined.	TOP OF CEI surface; 283 surface; 411 TOC 2050'; 3 30 SIZE 2-3/8"  ACI  PRODUCTIONsize and type of punBBL  GASMCF 234 mcf/d	MENT, C SX SX SX 126sx ID, SHC 10 bb 32,63 5,528	EMENTING REC (360 cf) (832 cf) (647 cf)  DEPTH SET 7000'  OT, FRACTURE OS 15% HCL 4gals Slickw ,300 scf N2  MCF  MCF  WATER-E 0	CEME Acid, rater w/	30 bbls 43 bbls BING RECORE PA  NT SQUEEZE, 1  25,000# 20/40  WELL STATUS ( SI R-BBL  0	ACKER SET (MD)  ETC  D'TLC 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.

Ojo Alamo	1321'	1470'	White, cr-gr ss.	Ojo Alamo	1321'
Kirtland	1470'	1951'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1470'
Fruitland	1951'	2601'	Dk gry-gry carb sh, coal, grn silts, light-	Fruitland	1951'
_			med gry, tight, fine gr ss.		
Pictured Cliffs	2601'	2807′	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2601!
Lewis	2807′	3285'	Shale w/siltstone stringers	Lewis	2807′
Huerfanito Bentonite	3285′	3616'	White, waxy chalky bentonite	Huerfanito Bent.	32851
Chacra	3616'	4098'	Gry fn grn silty, glauconitic sd stone	Chacra	3616'
			w/drk gry shale	Mesa Verde	4098'
Mesa Verde	40981	4429'	Light gry, med-fine gr ss, carb sh	Menefee ·	4429'
			& coal	Point Lookout	4782′
Menefee	4429'	4782'	Med-dark gry, fine gr ss, carb sh & coal	Mancos	5192'
Point Lookout	4782'	5192'	Med-light gry, very fine gr ss w/frequent	Gallup	6090'
			sh breaks in lower part of formation	Greenhorn	6819′
Mancos	5192′	6090′	Dark gry carb sh.	Graneros	6867′
Gallup	6090'	6819'	Lt gry to brn calc carb micac glauc	Dakota	6910'
			silts & very fine gr gry ss w/irreg.interbed sh		
La Ventana	XXXX	XXXX ·	Wt to lt buff to med grn sl carb bent		
Greenhorn	6819′	6867'	Highly calc gry sh w/thin lmst.		
Graneros	6867′	6910′	Dk gry shale, fossil & carb w/pyrite incl.		
Dakota	6910'	<b>≠</b> + €	Lt to dk gry foss carb sl calc sl silty		
	•		ss w/pyrite incl thin sh bands clay & shale break	ks	