Form 3160-4

(October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE*
(See other Instructions on reverse side)

FOR APPROVED OMB NO. 1004-0137

Expires	December 31, 1991
LEASE DESIGNATION AN	D SERIAL NO

				BUREA	U OF LA	ND MANA	GEMEN	IT			5 L	EASE DESIGNATION AND	SERIAL	NO
								1	NMSF-080245					
WELL (COMPI	ETIO	N OR	RECC	MPL	ETION	REP	ORT AND	LO	G*	6 IF	INDIAN, ALLOTTEE OR	TRIBE NA	ME
la TYPE C			OIL		AS X	DRY	Other				1			
			WELL	LJ w	ELL [L		77:30			7 0	NIT AGREEMENT NAME		
p TYPE C	OF COMPLE						_	انسال ا	21-	ATT OF COMM				
	WELL	OVER	DEEP EN	B.	LUG ACK	UIFF HESVA	Other				8 F	ARM OR LEASE NAME, W	VELL NO	
								IA	NO	2 2008	1	Hamner #3M		
	OF OPERAT							371			9 A	PI WELL NO		
	SS AND TE			Υ				2	11 1-611	d broancer	en	PI WELL NO 30-045-34388 THELD AND POOL, OR WILL Blanco MV/DBS SEC. T. R. M. OR BLOC	COC.	<u> </u>
	O BOX 42			M 87499	,		(505) 326-9700:::	inato	n Field O		Blanco MV/Bas	acoat	into.
						ance with an	State r	equirements)*			11 5	SEC , T , R , M , OR BLOC	K AND S	URVEY
At surfa	ice (Jnit C (N	NENÉ), 7	35' FNL	. & 173	4' FWL						OR AREA		
		,	Mm								}	Sec. 29, T29N, I	R9W, I	NMPM
At top p	rod. interval	reported b	elow	Same	as abo	ove						RCVI) JAA	17'08
44.4-4-1	C	como ao	abovo)		-	
At total	debin S	Same as	abuve								1	OIL	Com	S.DIV.
					F	14. PERMIT	NO.	DATE ISSUE	.D		ł	COUNTY OR		13 STATE
					1			1					DIST	New Mexico
15 DATE SP	UDDED 1	6 DATE T	D REACHE	D [17	7 DATE C	OMPL (Read)	to prod	<u> </u>	18 FI	EVATIONS (DF, R	KB BT	San Juan		19 ELEV CASINGHEAD
10/16/		10/3				21/07			GL	5718'	KB	5733'		113 EEET DIONESTEIN
20 TOTAL D	EPTH, MD &1	rvD	21 PLUG,	BACK T.D.						TERVALS	ROTAF	TY TOOLS		CABLE TOOLS
	CEO!		1	66501			HOW !	MANY"	0	RILLED BY				j.
	653'	AL (S) OF T	THIS COMPLI	6650'	BOTTON	A, NAME (MD A	2 ND TVDI	,	<u> </u>		yes	25 WAS DIRECTIONAL		L
				211011 101	, 20170	, 147 anz (o 7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					SURVEY MADE		
	verde - 42											<u> </u>		No
26 TYPE ELI			GS RUN								27 WA	S WELL CORED		No
	CL/GSL/C	,DL												No
28 CASING SI	ZE/CDADE	I WEIGH	T, LB /FT	DEDTL	SET (ME			CORD (Report a		s set in well) EMENTING RECO	90		MOUNT	PL# 1 ED
9-5/8",		32.3#			28'	12 1/4"	JIZE	surface: 75 s			110	2 bbls	INCOINT	FOLLED
7", J-5		20#			978'	8-3/4"		surface; 656	sx (13	32 cf)		70 bbis		
4-1/2",	J-55	10.5#			653'	6-1/4"		TOC @ 3260	; 198 s	sx (395 cf)				
29	T =======		LINER RI					30				TUBING RECORD		
SIZE	TOP (MD) BOI	TOM (MD)	SACKS	CEMENT	SCREE	N (MD)	SIZE 2-3/8", 4.7#		DEPTH SET (MD)	P/	ACKER S	ET (MD)
	 	+		 										
1 PERFORA		RD (Interval,	size and num	nber)		32.						CEMENT SQUEEZE,	ETC	
Mesaverd						4235' -	4460'			ze w/10 bbls 1				
@ 1 spf .3	4" noies						Frac'd w/30,000 gal			l Slickwater pad w/40,000#				
4235' - 446	60' = 30 h	oles to	tal			 			20/40	reo sand				
33 DATE FIRST PE	RODUCTION		PRODUC	CTION MET	HOD (Flow	ving, gas lift, pu	mpingsi	PRODUCTION The and type of pump				WELL STATUS (Producin	g or shut-	in)
SI		{			,	Flowin		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•			SI		,
DATE OF TEST		HOURS TO	ESTED	CHOKE S		ROD'N FOR	OILB	BL	GASI	MCF .		RBBL		GAS-OIL RATIO
12/21/0	07	ì	1	1/2	1	EST PERIOD		i		20 mgs		trans		
12/21/C LOW TUBING		CASING P	RESSURE	CALCULA		OILBBL	ь	GASMCF		30 mcf		trace		OIL GRAVITY-API (CORR.)
				24-HOUR]	ì					
SITP -			- 110#		-			726 mcfd	}	2.5 bwpd				
34 DISPOSIT	ION OF GAS			ed, etc)						. ——		TEST WITNESSED BY		
35 LIST OF A	TTACHMENT		sold										·	
This will be			anco Mes	a Verde	well be	ina DHC n	er orde	r #2701 AZ						
								d from all available r	ecords					
(1/1	, 	1/1											
SIGNED	Hata	In 1	(Use	04	TITLE	Regulat	ory Spe	ecialist			DATE			12/28/07

*(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.

ACCEPTED FOR RELL S

NWOCD



Cjo Alamo	960′	1129'	White, cr-gr ss.	Ojo Alamo	960′
Kirtland	1129′	11807′	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1129′
Fruitland	1807'	2106'	Dk gry-gry carb sh, coal, grn silts, light-	Fruitland	1807'
			med gry, tight, fine gr ss.		
Pictured Cliffs	2106′	2258′	Bn-Gry, fine grn, tight ss.	Pic.Cļiffs	2106'
Lewis	22581	2756'	Shale w/siltstone stringers	Lewis, 🍌	2258'
Huerfanito Bentonite	2756′	3092′	White, waxy chalky bentonite	Huerfánito Bent.	2756′
Chacra	3092′	3693′	Gry fn grn silty, glauconitic sd stone	Chacra ,	3092′
			w/drk gry shale	Mesa Verde	3693′
Mesa Verde	3693′	3836′	Light gry, med-fine gr ss, carb sh	Menefee	3836′
			& coal	Point Lookout	4400'
Menefee	3836′	4352'	Med-dark gry, fine gr ss, carb sh & coal	Mancos	4760'
Point Lookout	4352'	4400'	Med-light gry, very fine gr ss w/frequent	Gallup	5544′
			sh breaks in lower part of formation	Greenhorn	6345′
Mancos	4400'	5544′	Dark gry carb sh.	Graneros	6407′
Gallup	5544′	6345′	Lt gry to brn calc carb micac glauc	Dakota	6474′
<u>.</u>			silts & very fine gr gry ss w/irreg.interbed sh	Morrison	
Greenhorn	6345′	6407′	Highly calc gry sh w/thin lmst.		
Graneros	6407′	6474'	Dk gry shale, fossil & carb w/pyrite incl.		,
Dakota	6474′		Lt to dk gry foss carb sl calc sl silty		
			ss w/pyrite incl thin sh bands clay & shale break	s	

(October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FOR APPROVED OMB NO 1004-0137

(See other In-structions on reverse skie)

Expires December 31, 1991 5 LEASE DESIGNATION AND SERIAL NO

								-15	1	NMSF-080	245
WELL CO	OMPL	ETION OR	RECOM	PLE	TION REP	ORT AND	LO	G*	6 IF	INDIAN, ALLOTTE	EE OR TRIBE NAME
ta TYPE OF W	VELL	OIL WELL	GAS WELL	X	DRY Other	11 James 1	· · · · ·	,	1		
b TYPE OF CO	OMPLET	TION:				JAN	02	8008	7 Ut	NIT AGREEMENT	NAME
	WELL X	WORK DEEP OVER EN	PLUG BACK	1	DIFF RESVR Other			-amer	8 F/	ARM OR LEASE N	AME, WELL NO
							and	Managemer Tell Office	Ĺ	Hamner #3	BM
2 NAME OF O			MADANY			Farning	ion r	1010	9 AF	PI WELL NO	
3 ADDRESS A		PHILLIPS CO	WPANY				,		10 F	30-045-343 TELD AND POOL	OR WILDCAT
		B9, Farmington, №	NM 87499		(505	326-9700			1		4Basin Dakota
		L (Report location c		ordan							R BLOCK AND SURVEY
At surface	Ur	nit C (NEMÉ), 735	' FNL & 1734	' FWI	L				'	OR AREA	
At top prod i	interval r	NW reported below	Same as	abo	ve						29N, R9W, NMPM JD JAN 7'08
At total depth	h S a	ame as above	•								L CONS. DIV.
				14	PERMIT NO.	DATE ISSU	ED		1	COUNTY OR	G. Gidi
						1				PARISH	New Mexico
15. DATE SPUDDE	ED 16	DATE TO REACHE	1		IPL. (Ready to prod.)	<u> </u>	18. EL	EVATIONS (DF, F	RKB, RT.		19 ELEV. CASINGHEAD
10/16/07		10/30/07		2/21		0.15	GL	5718'	KB	5733'	-512/2=-512
20 TOTAL DEPTH		/D 21 PLUG,	BACK TD, MD&1	FVD	22 IF MULTIPLE C HOW I			TERVALS RILLED BY		RY TOOLS	CABLE TOOLS
6653' 4 PRODUCTION		AL (S) OF THIS COMPL	6650'	TOM. N	NAME (MD AND TVD)•	ــــــــــــــــــــــــــــــــــــــ		yes	25 WAS DIREC	TIONAL
			.21.011 107 , 201		THE WAS THE TO	,				SURVEYM	ADE
Basin Dal		474' - 6628'							102 MIA	S WELL CORED	No
GR/CCL/G									27 WA	2 METT COHED	No
8	4000	<u> </u>			ASING RECORD	(Report all etrino	e cat in	wall\	ــــــــــــــــــــــــــــــــــــــ		110
.0					Adil Va I I LOCKID	(ricport all saling	3 301 111				
CASING SIZE/GF	RADE	WEIGHT, LB/FT	DEPTH SET	(MD)	HOLE SIZE	TOP OF CE	MENT, C	EMENTING RECO	ORD	Al	MOUNT PULLED
9-5/8", H-40		32.3#	228'	(MD)	12 1/4"	surface: 75	sx (12	EMENTING RECO	ORD	2 bbls	MOUNT PULLED
9-5/8", H-40 7", J-55	0	32.3# 20#	228' 3978'	(MD)	12 1/4" 8-3/4"	surface: 75 surface; 656	sx (12 sx (1	EMENTING RECO 2 cf) 332 cf)	ORD		MOUNT PULLED
9-5/8", H-40 7", J-55 4-1/2", J-55	0	32.3#	228' 3978' 6653'	(MD)	12 1/4"	surface: 75	sx (12 sx (1	EMENTING RECO 2 cf) 332 cf)		2 bbls	
9-5/8", H-40 7", J-55 4-1/2", J-55	0	32.3# 20# 10.5#	228' 3978' 6653'		12 1/4" 8-3/4"	surface: 75 s surface; 656 TOC @ 3260 30	sx (12: sx (1: '; 198	EMENTING RECO 2 cf) 332 cf) sx (395 cf)	ΤĹ	2 bbis 70 bbis BING RECORD	
9-5/8", H-40 7", J-55 4-1/2", J-55	5	32.3# 20# 10.5# LINER R	228' 3978' 6653' ECORD		12 1/4" 8-3/4" 6-1/4"	surface: 75 s surface; 656 TOC @ 3260	sx (12: sx (1: '; 198	ementing reco 2 cf) 332 cf) sx (395 cf)	ΤĹ	2 bbis 70 bbis BING RECORD)
9-5/8", H-40 7", J-55 4-1/2", J-55 9 SIZE TO	0 5 OP (MD)	32.3# 20# 10.5# LINER R	228' 3978' 6653' ECORD SACKS CEME		12 1/4" 8-3/4" 6-1/4"	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7#	sx (12: sx (1: '; 198	EMENTING RECC 2 cf) 332 cf) sx (395 cf) DEPTH SET 6370'	TU (MD)	2 bbis 70 bbis BING RECORD	O NCKER SET (MD)
9-5/8", H-4(7", J-55 4-1/2", J-55 9 SIZE TO PERFORATION akota - @ .34	TOP (MD)	32.3# 20# 10.5# LINER R BOTTOM (MD) D (Interval, size and nucles	228' 3978' 6653' ECORD SACKS CEME		12 1/4" 8-3/4" 6-1/4" SCREEN (MD)	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7#	sx (12) sx (1) '; 198 D, SHC	EMENTING RECC 2 cf) 332 cf) 5x (395 cf) DEPTH SET 6370' DT, FRACTURE 2e w/10 bbls	TL (MD) , CEME 15% H	2 bbis 70 bbis BING RECORL PA NT SQUEEZE, CL,	O NCKER SET (MD) ETC.
9-5/8", H-4(7", J-55 4-1/2", J-55 9 SIZE TO PERFORATION akota - @ .34	TOP (MD)	32.3# 20# 10.5# LINER R BOTTOM (MD)	228' 3978' 6653' ECORD SACKS CEME		12 1/4" 8-3/4" 6-1/4" SCREEN (MD)	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7#	D, SHC Acidi	EMENTING RECO 2 cf) 332 cf) sx (395 cf) DEPTH SET 6370' ST. FRACTURE ze w/10 bbls d w/30,000 g	TL (MD) , CEME 15% H	2 bbis 70 bbis BING RECORD PA	O NCKER SET (MD) ETC.
9-5/8", H-4(7", J-55 4-1/2", J-55 9-51ZE TO PERFORATION akota - @ .34 2 2 spf - 6539	O FOP (MD) N RECORD 44" hold 9' - 662	32.3# 20# 10.5# LINER R BOTTOM (MD) D (Interval, size and nucles	228' 3978' 6653' ECORD SACKS CEME		12 1/4" 8-3/4" 6-1/4" SCREEN (MD)	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7#	D, SHC Acidi	EMENTING RECC 2 cf) 332 cf) 5x (395 cf) DEPTH SET 6370' DT, FRACTURE 2e w/10 bbls	TL (MD) , CEME 15% H	2 bbis 70 bbis BING RECORL PA NT SQUEEZE, CL,	O NCKER SET (MD) ETC.
9-5/8", H-4(7", J-55 4-1/2", J-55 9 SIZE TO PERFORATION akota - @ .34 2 spf - 6539	OP (MD) N RECORD 14" hold 9' - 662 4' - 651	32.3# 20# 10.5# LINER R BOTTOM (MD) D (Interval, size and num es 28' = 72 holes 19 = 12 holes	228' 3978' 6653' ECORD SACKS CEME		12 1/4" 8-3/4" 6-1/4" SCREEN (MD)	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7#	D, SHC Acidi	EMENTING RECO 2 cf) 332 cf) sx (395 cf) DEPTH SET 6370' ST. FRACTURE ze w/10 bbls d w/30,000 g	TL (MD) , CEME 15% H	2 bbis 70 bbis BING RECORL PA NT SQUEEZE, CL,	O NCKER SET (MD) ETC.
9-5/8", H-40 7", J-55 4-1/2", J-55 9 SIZE TO PERFORATION akota - @ .34 9 2 spf - 6539	OP (MD) N RECORD 14" hold 9' - 662 4' - 651	32.3# 20# 10.5# LINER R BOTTOM (MD) D (Interval, size and nut	228' 3978' 6653' ECORD SACKS CEME		12 1/4" 8-3/4" 6-1/4" SCREEN (MD) 32. 6474' - 6628'	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7#	D, SHC Acidi	EMENTING RECO 2 cf) 332 cf) sx (395 cf) DEPTH SET 6370' ST. FRACTURE ze w/10 bbls d w/30,000 g	TL (MD) , CEME 15% H	2 bbis 70 bbis BING RECORL PA NT SQUEEZE, CL,	O NCKER SET (MD) ETC.
9-5/8", H-4(7", J-55 4-1/2", J-55 29 SIZE TO PERFORATION PARKOTA - @ .34 2 2 spf - 6539 2 1 spf - 6474	OP (MD) N RECORD 14" hold 9' - 662 4' - 651	32.3# 20# 10.5# LINER R BOTTOM (MD) D (Interval, size and nut es 28' = 72 holes 19 = 12 holes 4 holes	228' 3978' 6653' ECORD SACKS CEME	ENT*	12 1/4" 8-3/4" 6-1/4" SCREEN (MD) 32. 6474' - 6628'	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7#	5x (12: 5x (1: 7; 198 D, SHC Acidi Frac' 20/40	EMENTING RECO 2 cf) 332 cf) sx (395 cf) DEPTH SET 6370' ST. FRACTURE ze w/10 bbls d w/30,000 g	TU (MD) , CEME 15% H	2 bbis 70 bbis BING RECORD PA NT SQUEEZE, CL, (water pad w	O NCKER SET (MD) ETC.
9-5/8", H-4(7", J-55 4-1/2", J-55 29 SIZE TO PERFORATION PARKOTA - @ .34 2 2 spf - 6539 2 1 spf - 6474 To SI	OP (MD) N RECORD 14" hold 9' - 662 4' - 651 Total 84	32.3# 20# 10.5# LINER R BOTTOM (MD) D (Interval, size and nut es 28' = 72 holes 19 = 12 holes 4 holes	228' 3978' 6653' ECORD SACKS CEME	Flowing	12 1/4" 8-3/4" 6-1/4" SCREEN (MD) 32. 6474' - 6628'	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7# ACI	D, SHC Acidi Frac' 20/40	EMENTING RECO 2 cf) 332 cf) sx (395 cf) DEPTH SET 6370 ¹ DT, FRACTURE ze w/10 bbls d w/30,000 g	(MD) , CEME 15% H	2 bbis 70 bbis BING RECORD PA NT SQUEEZE, CL, (water pad w	CKER SET (MD) ETC. /40,000# Producing or shut-in)
9-5/8", H-4(7", J-55 4-1/2", J-55 9 SIZE TO PERFORATION akota - @ .34 9 2 spf - 6539 0 1 spf - 6474 To SI THE FIRST PRODUCT SI	OP (MD) N RECORD 14" hold 9' - 662 4' - 651 Total 84	32.3# 20# 10.5# LINER R BOTTOM (MD) D (Interval, size and nuites 28' = 72 holes 19 = 12 holes HOURS TESTED	228' 3978' 6653' ECORD SACKS CEME	Flowing PRO	12 1/4" 8-3/4" 6-1/4" SCREEN (MD) 32. 6474' - 6628'	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7# ACI	D, SHC Acidi Frac' 20/40 GAS	EMENTING RECC 2 cf) 332 cf) sx (395 cf) DEPTH SET 6370' ST. FRACTURE ze w/10 bbls d w/30,000 g TLC sand	CEME 15% H al Slick	2 bbis 70 bbis BING RECORD PA NT SQUEEZE, CL, (water pad w	O NCKER SET (MD) ETC. /40,000#
9-5/8", H-4(7", J-55 4-1/2", J-55 9 SIZE TO PERFORATION akota - @ .34 9 2 spf - 6539 1 spf - 6474 To 3 TE FIRST PRODUC SI TE OF TEST	O	32.3# 20# 10.5# LINER R BOTTOM (MD) D (Interval, size and nucles 28' = 72 holes 19 = 12 holes HOURS TESTED	228' 3978' 6653' ECORD SACKS CEME	Flowing PRO TEST	12 1/4" 8-3/4" 6-1/4" SCREEN (MD) 32. 6474' - 6628' Fig. gas lift. pumpings Flowing D'N FOR OILB	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7# ACI	D, SHC Acidi Frac' 20/40	EMENTING RECC 2 cf) 332 cf) sx (395 cf) DEPTH SET 6370' TT, FRACTURE ze w/10 bbls d w/30,000 g TLC sand	CEMEI 15% Hal Slick	2 bbis 70 bbis BING RECORD PA NT SQUEEZE, CL, (water pad w	ACKER SET (MD) ETC. /40,000# Producing or shut-in) [GAS-OIL RATIO
9-5/8", H-40 7", J-55 4-1/2", J-55 9 SIZE TO PERFORATION akota - @ .34 2 spf - 6539 1 spf - 6474 Te FIRST PRODUC SI TE OF TEST	O	32.3# 20# 10.5# LINER R BOTTOM (MD) D (Interval, size and nuites 28' = 72 holes 19 = 12 holes HOURS TESTED	228' 3978' 6653' ECORD SACKS CEME	Flowing PRO TEST	12 1/4" 8-3/4" 6-1/4" SCREEN (MD) 32. 6474' - 6628' PF g. gas lift. pumpings Flowing D'N FOR OILB	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7# ACI	D, SHC Acidi Frac' 20/40 GAS	EMENTING RECC 2 cf) 332 cf) sx (395 cf) DEPTH SET 6370' ST. FRACTURE ze w/10 bbls d w/30,000 g TLC sand	CEMEI 15% Hal Slick	2 bbis 70 bbis BING RECORD PA NT SQUEEZE, CL, (water pad w	ACKER SET (MD) ETC. /40,000# Producing or shut-in) [GAS-OIL RATIO
9-5/8", H-4(7", J-55 4-1/2", J-55 29 SIZE TO PERFORATION akota - @ .34 0 2 spf - 6539 0 1 spf - 6474 To SI TE OF TEST 12/21/07 OW TUBING PRES	OP (MD) N RECORD 14" hole 9' - 662 4' - 651 Total 84 ICTION	32.3# 20# 10.5# LINER R BOTTOM (MD) D (Interval, size and nucles 28' = 72 holes 19 = 12 holes HOURS TESTED	228' 3978' 6653' ECORD SACKS CEME TIDEN METHOD (CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE	Flowing PRO TEST	12 1/4" 8-3/4" 6-1/4" SCREEN (MD) 32. 6474' - 6628' Fig. gas lift. pumpings Flowing D'N FOR OILB	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7# ACI	D. SHC Acidi Frac' 20/40	EMENTING RECC 2 cf) 332 cf) sx (395 cf) DEPTH SET 6370' TT, FRACTURE ze w/10 bbls d w/30,000 g TLC sand	CEMEI 15% Hal Slick	2 bbis 70 bbis BING RECORD PA NT SQUEEZE, CL, (water pad w	CKER SET (MD) ETC. /40,000# Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR.)
9-5/8", H-4(7", J-55 4-1/2", J-55 29 SIZE TO PERFORATION PAKOTA - @ .34 P 2 spf - 6539 T spf - 6474 TO SI ATE FIRST PRODUC SI ATE OF TEST 12/21/07 OW TUBING PRES SITP - 0 DISPOSITION O	OP (MD) N RECORD 14" hole 9' - 662 4' - 651 Total 84 ICTION F	32.3# 20# 10.5# LINER R BOTTOM (MD) D (Interval, size and nucles 28' = 72 holes 19 = 12 holes 4 holes PRODUCT CASING PRESSURE FCP - 110# Sold, used for fuel, vente To be sold	228' 3978' 6653' ECORD SACKS CEME TIDEN METHOD (CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE	Flowing PRO TEST	12 1/4" 8-3/4" 6-1/4" SCREEN (MD) 32. 6474' - 6628' Fig. gas lift. pumpings Flowing D'N FOR OILB	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7# ACI RODUCTION IZE and type of purious BL GAS-MCF	D. SHC Acidi Frac' 20/40	EMENTING RECC 2 cf) 332 cf) SX (395 cf) DEPTH SET 6370' DT. FRACTURE ZE W/10 bbls d w/30,000 g TLC sand MCF MCF WATER-BE	CEMEI 15% Hal Slick	2 bbis 70 bbis BING RECORD PA NT SQUEEZE, CL, rwater pad w WELL STATUS (I	CKER SET (MD) ETC. /40,000# Producing or shul-in) GAS-OIL RATIO OIL GRAVITY-API (CORR.)
9-5/8", H-4(7", J-55 4-1/2", J-55 29 SIZE TO PERFORATION PAKOTA - @ .34 PAKOTA - @ .34 PATE FIRST PRODUCT SI VITE OF TEST 12/21/07 OW TUBING PRES SITP - 0 PATE OF ATTACK	OP (MD) N RECORD 14" hole 9' - 662 4' - 651 Total 84 ICTION FRANCE SS (STAMENTS	32.3# 20# 10.5# LINER R BOTTOM (MD) D (Interval, size and nucles 28' = 72 holes 19 = 12 holes 4 holes PRODUCT CASING PRESSURE FCP - 110# Sold, used for fuel, vente To be sold	228' 3978' 6653' ECORD SACKS CEME Ther) CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE 24, etc.)	PRO TEST	12 1/4" 8-3/4" 6-1/4" SCREEN (MD) 32. 6474' - 6628' Fig. gas lift. pumping-s Flowing D'N FOR OIL-BT T PERIOD L-BBL	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7# ACI RODUCTION IZE and type of purious BL GAS-MCF 466 mcfd	D. SHC Acidi Frac' 20/40	EMENTING RECC 2 cf) 332 cf) SX (395 cf) DEPTH SET 6370' DT. FRACTURE ZE W/10 bbls d w/30,000 g TLC sand MCF MCF WATER-BE	CEMEI 15% Hal Slick	2 bbis 70 bbis BING RECORD PA NT SQUEEZE, CL, rwater pad w WELL STATUS (I	CKER SET (MD) ETC. /40,000# Producing or shul-in) GAS-OIL RATIO OIL GRAVITY-API (CORE.
9-5/8", H-4(7", J-55 4-1/2", J-55 29 SIZE TO PERFORATION PAKOTA - @ .34 2 2 spf - 6539 3 1 spf - 6474 TO SI WIE OF TEST 12/21/07 OW TUBING PRES SITP - 0 4 DISPOSITION O	OP (MD) N RECORD 14" hole 9' - 662 4' - 651 Total 84 ICTION FROM CHIMENTS BASIN DA	32.3# 20# 10.5# LINER R BOTTOM (MD) D (Interval, size and nut es 28' = 72 holes 19 = 12 holes Thought Tested 1 CASING PRESSURE FCP - 110# Sold, used for fuel, venta To be sold akota/Blanco Me	228' 3978' 6653' ECORD SACKS CEME There CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE 2d, etc.)	PRO OII	12 1/4" 8-3/4" 6-1/4" SCREEN (MD) 32. 6474' - 6628' Fig. gas lift. pumpings Flowing D'N FOR T PERIOD LBBL	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7# ACI RODUCTION IZE and type of pun BL GAS-MCF 466 mcfd	D, SHC Acidi Frac' 20/40	EMENTING RECO 2 cf) 332 cf) sx (395 cf) DEPTH SET 6370¹ DT. FRACTURE ZE w/10 bbls d w/30,000 g TLC sand MCF MCF WATER-BE trace	CEMEI 15% Hal Slick	2 bbis 70 bbis BING RECORD PA NT SQUEEZE, CL, rwater pad w WELL STATUS (I	CKER SET (MD) ETC. /40,000# Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR.
9-5/8", H-4(7", J-55 4-1/2", J-55 29 SIZE TO PERFORATION RAKOTA - @ .34 2 2 spf - 6539 2 1 spf - 6474 TO SI THE FIRST PRODUC SI THE OF TEST 12/21/07 OW TUBING PRES SITP - 0 4 DISPOSITION O 5 LIST OF ATTACK	OP (MD) N RECORD 14" hole 9' - 662 4' - 651 Total 84 ICTION FROM CHIMENTS BASIN DA	32.3# 20# 10.5# LINER R BOTTOM (MD) D (Interval, size and nucles 28' = 72 holes 19 = 12 holes 4 holes PRODUCT CASING PRESSURE FCP - 110# Sold, used for fuel, vente To be sold	228' 3978' 6653' ECORD SACKS CEME There CHOKE SIZE 1/2" CALCULATED 24-HOUR RATE 2d, etc.)	PRO OII	12 1/4" 8-3/4" 6-1/4" SCREEN (MD) 32. 6474' - 6628' Fig. gas lift. pumpings Flowing D'N FOR T PERIOD LBBL	surface: 75 surface; 656 TOC @ 3260 30 SIZE 2-3/8", 4.7# ACI RODUCTION IZE and type of pun BL GAS-MCF 466 mcfd	D, SHC Acidi Frac' 20/40	EMENTING RECO 2 cf) 332 cf) sx (395 cf) DEPTH SET 6370¹ DT. FRACTURE ZE w/10 bbls d w/30,000 g TLC sand MCF MCF WATER-BE trace	CEMEI 15% Hal Slick	2 bbis 70 bbis BING RECORD PA NT SQUEEZE, CL, rwater pad w WELL STATUS (I	CKER SET (MD) ETC. /40,000# Producing or shut-in) GAS-OIL RATIO OIL GRAVITY-API (CORR.
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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	960′	1129′	White, cr-gr ss.	Ojo Alamo	960′
Kirtland	1129′	11807′	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1129′
Fruitland	1807′	2106′	Dk gry-gry carb sh, coal, grn silts, light-	Fruitland	1807 '
			med gry, tight, fine gr ss.		
Pictured Cliffs	2106′	2258'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2106'
Lewis	2258′	2756′	Shale w/siltstone stringers	Lewis 🧿	2258′
Huerfanito Bentonite	2756′	3092′	White, waxy chalky bentonite	Huerfanito Bent.	2756′
Chacra	3092′	3693′	Gry fn grn silty, glauconitic sd stone	Chacra	3092′
			w/drk gry shale	Mesa Verde	3693′
Mesa Verde	3693′	3836′	Light gry, med-fine gr ss, carb sh	Menefee	3836′
			& coal	Point Lookout	4400′
Menefee	3836′	4352'	Med-dark gry, fine gr ss, carb sh & coal	Mancos	4760′
Point Lookout	4352'	4400'	Med-light gry, very fine gr ss w/frequent	Gallup	5544′
			sh breaks in lower part of formation	Greenhorn	6345′
Mancos	4400′	5544′	Dark gry carb sh.	Graneros	6407′
Gallup	5544′	6345′	Lt gry to brn calc carb micac glauc	Dakota	6474′
			silts & very fine gr gry ss w/irreg.interbed sh	Morrison	
Greenhorn	6345′	6407′	Highly calc gry sh w/thin lmst.		
Graneros	6407′	6474′	Dk gry shale, fossil & carb w/pyrite incl.		
Dakota	6474′		Lt to dk gry foss carb sl calc sl silty		
			ss w/pyrite incl thin sh bands clay & shale brea	ks	

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