Form 3160-4 (October 1990)

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

(See other in-tructions on reverse side)

SUBMIT IN DUPLICATES

FOR APPROVED

OMB NO 1004-0137

Expires December 31, 1991 5 LEASE DESIGNATION AND SERIAL NO

S	F-0	178	99	19

·	MPLE.	TION OR	RECOMP	<b>LETION, R</b>	ERC	ORT AND	LO	G*	6 IF	INDIAN, ALLOTTE	E OR TRIBE NAME
la TYPE OF WE	LL	Oli. WELL	GAS & X	DRY	Other				1_		
b TYPE OF COI	MDI ETION	d.		RECEIV	ien .			_	7 U	NIT AGREEMENT	
NE'		WORK DEEP-	PLUG	NEUEIV					0 5	San Juan 3	11-6 Unit NANM-
WE		OVER EN	BACK	DIFF RESVR LL	other ICTC	NNA-		-	0. 17		
NAME OF OF	FRATOR			LU PANTIN	<u> </u>	14 141 1			+	San Juan 3	11-6 Unit #31F
NAME OF OP		_							9 A		27 ~ 6 1 6 1
ADDRESS AN	oPhillips		<del></del>	· <del></del>					10 5	TELD AND POOL.	37 - 0 \C\
		Farmington, N	M 87400 (F	505) 326-970	n				" '	Basin Dk/B	
				rdance with any St		uirements)*			11 5		BLOCK AND SURVEY
At surface	Unit	K (NESW) 19	900' FSI . 19	30' FWI	,	,			1	OR AREA	
									1	Sec.35 T31	N R6W, NMPM
At top prod. in	terval repo	orted below	Same as a	above						PC!	VD SEP 11'07
. ,									1		CONS. DIV.
At total depth	Sam	ne as above	•							: شاد المسالة	DIST. 3
				14. PERMIT NO		DATE ISSUE	<u> </u>		12 (	COUNTY OR	13. STATE
				14: 1 21(11)	1	DATE 1000E	U		1	PARISH	10. 31712
				<u> </u>					<u> </u>	Rio Arriba	New Mexico
5. DATE SPUDDE	1	ATE T D. REACHE	1	COMPL. (Ready to	prod.)			EVATIONS (DF, I		BR, ETC )*	19 ELEV. CASINGHEAD
9/30/07		10/25/07		/27/07	D) F 5 5	1479	GL	6491'	KB	6507'	OARLE TOOL O
) TOTAL DEPTH,	MD &TVD	21 PLUG, I	BACK T.D., MD &T		PLE COI HOW MA			TERVALS RILLED BY	ROTAF	RY TOOLS	CABLE TOOLS
8097'			8029'	2			[		yes		1
	NTERVAL (S	S) OF THIS COMPL		TOM, NAME (MD ANI		,		<del></del>	10	25 WAS DIRECT	
Dania Dak	-4- 700	01 00001								SURVEY MA	
Basin Dak									127 MA	S WELL CORED	No
		og/Gamma	Ray Casing	n Collar					27 WA	3 WELL CORED	No
	Olid Et	og/Callilla	rtay Casing		OBD /6	20004 04 04000					110
CASING SIZE/GRA	ADE 1 V	VEIGHT, LB /FT	DEPTH SET (			Report all strings		EMENTING REC	ORD	T 46	OUNT PULLED
9 5/8" H-40		32.3#	231'	12 1/4"		surface; 198s		(265 cf)	OND	20 bbls	JOONT I GELED
7" J-55		20#	3677	8 3/4"		surface; 841s		(1697 cf)		20 bbls inclu	des squeeze
4 1/2" N-80	1	1.6#	8032	6 1/4"		TOC 2800'; 32	23sx	(645 cf)			DV tool @ 2815'
		LINER RE	SACKS CEME	NT* SCREEN (		30		OSDZII OSZ		BING RECORD	
0/75   TO	D (MP)	DOTTOM (MO)				SIZE		DEPTH SET	(MD)	PA	CKER SET (MD)
	P (MD)	BOTTOM (MD)	SACKS CEIVIE	1 30.1		2-3/8*		7940'			
	P (MD)	BOTTOM (MD)	SACRO GEINE			2-3/8**		7940'		<del> </del>	
SIZE TO PERFORATION I		BOTTOM (MD)  nterval, size and nur		32.			O, SHO		, CEME	NT SQUEEZE, E	erc.
PERFORATION I						ACII	10 bb	T, FRACTURE	Acid, S		TC. , pumped 35500
PERFORATION I				32.		ACII	10 bb	T, FRACTURE	Acid, S		
SIZE TO				32.		ACII	10 bb	T, FRACTURE	Acid, S		
PERFORATION I				32.		ACII	10 bb	T, FRACTURE	Acid, S		
PERFORATION I PERFORATION I PE	RECORD (II			32.		ACII	10 bb	T, FRACTURE	Acid, S		
PERFORATION (2SPF 48' - 8000' )2' - 7926'	RECORD (II			32.		ACII	10 bb	T, FRACTURE	Acid, S		
PERFORATION (2SPF 48' - 8000' )2' - 7926'	RECORD (II			32.		ACII	10 bb	T, FRACTURE	Acid, S		
PERFORATION (2SPF 48' - 8000' )2' - 7926'	RECORD (II			32.	00'	ACII	10 bb	T, FRACTURE	Acid, S		
PERFORATION   PE	RECORD (III	nterval, size and nur	nber)	32.	DO'	ACIL	10 bb # 20/4	T, FRACTURE	Acid, S	lickwater pad	
PERFORATION   PE	RECORD (In	nterval, size and nur PRODUC	onber)	32. 7902' - 800 Flowing, gas lift, pump	PRO	ACII  DUCTION and type of pump	10 bb # 20/4	OT, FRACTURE IS 15% HCL A IO TLC propp	Acid, S	WELL STATUS (P	, pumped 35500
PERFORATION ISSPF 18' - 8000' 12' - 7926'  tal Holes = 5	RECORD (In	nterval, size and nur	nber)	32. 7902' - 800  Flowing, gas lift, pump Flowing	DO'	ACII  DUCTION and type of pump	10 bb # 20/4	OT, FRACTURE IS 15% HCL A IO TLC propp	Acid, S	WELL STATUS (P	, pumped 35500
PERFORATION I PE	RECORD (In	PRODUC	TION METHOD (F	32. 7902' - 800 Flowing, gas lift, pump	PRO	ACII  DUCTION and type of pump	10 bb # 20/4	OT, FRACTURE IS 15% HCL A IO TLC propp	Acid, S	WELL STATUS (P	, pumped 35500
PERFORATION I PERFORATION I PERFOR	TION Facilitie	PRODUCES IRS TESTED	onber)	32. 7902' - 800  Flowing, gas lift, pump Flowing	PRO	ACII  DUCTION and type of pump	10 bb # 20/4	OT, FRACTURE IS 15% HCL A IO TLC propp	Acid, Spant.	WELL STAYUS (P SI RBBL	, pumped 35500
PERFORATION I PE	TION Facilities HOL	PRODUCE  PRODUCE  PRODUCE  SING PRESSURE	ction Method (Figure Choke Size	32. 7902' - 800  Flowing, gas lift, pump Flowing PROD'N FOR TEST PERIOD	PRO PRO DIL BBU	ACII  DOUCTION  Pand type of pump	10 bb # 20/4	ot, FRACTURE is 15% HCL a to TLC propp	Acid, Spant.	WELL STAYUS (P SI RBBL	roducing or shut-in)
PERFORATION I PE	53 TION Facilitie HOU	PRODUCE PRODUCE PRODUCE  1 1 SING PRESSURE	CHOKE SIZE  1/2"  CALCULATED 24-HOUR RATE	32. 7902' - 800  Flowing, gas lift, pump Flowing PROD'N FOR TEST PERIOD	PRO DIL-BBL	ACII  DOUCTION  a and type of pump	10 bb # 20/4	ot, FRACTURE is 15% HCL a to TLC propp	Acid, Spant.	WELL STATUS (P SI RBBL	roducing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR )
PERFORATION I PE	TION Facilitie HOU S CAS GAS (SOID)	PRODUCE PRODUCE  STESTED  1 SING PRESSURE  00# Used for fuel, venter	CHOKE SIZE  1/2"  CALCULATED 24-HOUR RATE	32. 7902' - 800  Flowing, gas lift, pump Flowing PROD'N FOR TEST PERIOD	PRO DIL-BBL	ACII  DOUCTION  B and type of pump  GAS-MCF	10 bb # 20/4	ot, FRACTURE is 15% HCL a to TLC propp	Acid, Spant.	WELL STAYUS (P SI RBBL	roducing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)
PERFORATION I PE	TION Facilitie HOL GAS (S00,	PRODUCE PRODUCE PRODUCE  1 1 SING PRESSURE	CHOKE SIZE  1/2"  CALCULATED 24-HOUR RATE	32. 7902' - 800  Flowing, gas lift, pump Flowing PROD'N FOR TEST PERIOD	PRO DIL-BBL	ACII  DOUCTION  B and type of pump  GAS-MCF	10 bb # 20/4	ot, FRACTURE is 15% HCL a to TLC propp	Acid, Spant.	WELL STATUS (P SI RBBL	roducing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)
PERFORATION IN PERFORATION IN PERFORATION IN PERFORATION IN PERFORMANCE IN PERFOR	TION Facilitie HOL S CAS GAS (SOM) T MENTS	PRODUCES  PRODUCES  JRS TESTED  1  SING PRESSURE  00#  used for fuel, venter  to be sold	CHOKE SIZE  1/2*  CALCULATED 24-HOUR RATE	32. 7902' - 800  Flowing, gas lift, pump Flowing PROD'N FOR TEST PERIOD  OIL-BBL	PRO PRO IL-BBL	GAS-MCF To be reporte	10 bb # 20/4	ot, FRACTURE is 15% HCL a to TLC propp	Acid, Spant.	WELL STATUS (P SI RBBL	roducing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)
PERFORATION IN PERFORATION IN PERFORATION IN PERFORMANCE OF TEST  8/23/07  W TUBING PRESS  692# DISPOSITION OF  LIST OF ATTACH IS WILL BE A BASS	TION Facilitie HOL S CAS SOM TMENTS Sin Dakot	PRODUCES  JRS TESTED  1 SING PRESSURE  00# used for fuel, vente to be sold  ta/Blanco Mes	CHOKE SIZE  1/2"  CALCULATED 24-HOUR RATE  d. etc.)	32. 7902' - 800  Flowing, gas lift, pump Flowing PROD'N FOR TEST PERIOD  OIL-BBL	PRO	GAS-MCF To be reporte First Deliver	10 bb # 20/4 # 20/4 GAS-I	ot, FRACTURE is 15% HCL a to TLC propp	Acid, Spant.	WELL STATUS (P SI RBBL	roducing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)
PERFORATION IN SPECIAL PRODUCTION OF TEST  8/23/07 V TUBING PRESS 692# DISPOSITION OF LIST OF ATTACH IS WILL BE A BAS	TION Facilitie HOL S CAS SOM TMENTS Sin Dakot	PRODUCES  JRS TESTED  1 SING PRESSURE  00# used for fuel, vente to be sold  ta/Blanco Mes	CHOKE SIZE  1/2"  CALCULATED 24-HOUR RATE  d. etc.)	32. 7902' - 800  Flowing, gas lift, pump Flowing PROD'N FOR TEST PERIOD  OIL-BBL	PRO	GAS-MCF To be reporte First Deliver	10 bb # 20/4 # 20/4 GAS-I	ot, FRACTURE is 15% HCL a to TLC propp	Acid, Spant.	WELL STATUS (P SI RBBL	roducing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR.)

\*(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 RECORD

Lewis Huerfanito Bent. Chacra Mesa Verde Menefee Point Lookout	3617' 4195' 4594' 5113' 5461'
Chacra Mesa Verde Menefee	4594' 5113' 5461'
Mesa Verde Menefee	5113′ 5461′
Menefee	5461'
Point Lookout	
	5716′
Mancos	6113′
Gallup	7013'
Greenhorn	7722′
Graneros	7778'
Dakota	7 <b>8</b> 93′

	Ojo Alamo	2500'	2643'	White, cr-gr ss.	Ojo Alamo	2500′
	Kirtland	2643'	3146'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2643'
	Fruitland	3146′	3453'	Dk gry-gry carb sh, coal, grn silts, light-	Fruitland	3146'
				med gry, tight, fine gr ss.		
	Pictured Cliffs	3453′	3617'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3453'
	Lewis	3617'	4195'	Shale w/siltstone stringers	Lewis	3617'
	Huerfanito Bentonite	4195'	4594'	White, waxy chalky bentonite	Huerfanito Bent.	4195′
	Chacra	4594'	5113'	Gry fn grn silty, glauconitic sd stone	Chacra	4594′
				w/drk gry shale	Mesa Verde	5113′
	Mesa Verde	5113′	5461'	Light gry, med-fine gr ss, carb sh	Menefee	5461'
				& coal	Point Lookout	5716′
	Menefee	5461'	5716'	Med-dark gry, fine gr ss, carb sh & coal	Mancos	6113′
	Point Lookout	5716'	6113'	Med-light gry, very fine gr ss w/frequent	Gallup	7013'
				sh breaks in lower part of formation	Greenhorn	7722′
	Mancos	6113′	7013'	Dark gry carb sh.	Graneros	77781
	Gallup	7013′	7722′	Lt gry to brn calc carb micac glauc	Dakota	7893′
				silts & very fine gr gry ss w/irreg.interbed sh		
	Greenhorn	7722′	7778′	Highly calc gry sh w/thin lmst.		
<u>.</u>	Graneros	7778′	7893′	Dk gry shale, fossil & carb w/pyrite incl.		
	Dakota	7893′		Lt to dk gry foss carb sl calc sl silty		
				ss w/pyrite incl thin sh bands clay & shale break	s	

DK SE-MMMIN