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

Э	LEASE DESIGNATION AND SERIAL NO.	
	SF 078997	
_		-

13 TVDE C	CONIE	LETION OF	R RECON	MPLE	HON R	REP(	ORT AND	LOG*	6. IF	INDIAN, ALLOT	TEE OR TRIBE NAME	
1112	OF WELL.	Ol W	L GAS ELL WELL	X	DRY	Other				-MMM	78419B- DK	
TYPEC	OF COMPLE	TION:							7. Ui	NIT AGREEMEN	TNAME	
	_		EP- PLUG		DIFF				8 F/	San Juan 3	NAME, WELL NO	
	WELL [	OVER EN	BACK	Ш	RESVR	Other		<del></del>			10-5 Unit #73G	
NAME (	OF OPERAT	OR							9. Al	NELL NO	0-5 Offit #73G	
		HILLIPS COMPA	NY							30-039-301	14-00CN	
ADDRE	SS AND TE	LEPHONE NO.			15	- T	ZZ AND ECTED DIV		10 F	IELD AND POO	L, OR WILDCAT	
		89, Farmington,		(505)	326-970	09/8				Basin DK/E		
		LL (Report location	•		•	tate re	quirements)* u		- 1	SEC., T., R , M., ( OR AREA	OR BLOCK AND SURVEY	
At surfa	ce L	Init E (SWNW) 2	100' FNL & 1	400' FWI	L	S	SEP 18	2007	'		ON DOW NAME	
A4.4		as a a start balance	Same a	a abai	10					Sec. 10, 13	ON, R5W, NMPM CVD SEP 21 'O'	
At top p	rog. Interval	reported below	Saille a	is abov	Di		u of Land M		1			
At total	depth	Same as	apove			Far	mington Fie	eld Office			DIL <u>CON</u> S. DIV	
											DIST. 3	
				14. 1	PERMIT NO	).	DATE ISSUE	ED .		COUNTY OR PARISH	13. STATE	
				İ			<b>,</b>		Rìo A		New Mexico	
DATE SP	UDDED 1	B. DATE T.D. REAC	HED 17 D	ATE COMP	L. (Ready to	prod.)	•	18. ELEVATION			19. ELEV. CASINGHEA	
4/9/07		4/20/0		9/13				GL 6449' K				
TOTAL D	DEPTH, MD &	TVD 21. PLU	G, BACK T.D., ME	OVT&C	22. IF MULTI	PLE CO		23. INTERVALS DRILLED BY		RY TOOLS	CABLE TOOLS	
-81	<del>028</del> 79	691 7	957'			2			i	Yes	1	
PRODUC	CTION INTER	VAL (S) OF THIS CO	APLETION-TOP, E	BOTTOM, N	AME (MD AN	D TVD)	)*			25. WAS DIRE		
Racin	Dakota 78	23' 7017'								SURVEY	MADE <b>No</b>	
		OTHER LOGS RUN							27 WA	S WELL CORED		
Cemer	nt Bond Lo	g/GR/CCL									No	
		<u> </u>		C	ASING REC	ORD (	Report all string	s set in well )				
ASING SI	ZE/GRADE	WEIGHT, LB /FT	DEPTH SE		HOLE SIZE TOP OF CEMENT, CEMENTING RECO				G RECORD		AMOUNT PULLED	
9 5/8" H-40		32.3# 233'			12-1/4" Surface: 173 sx (219 cf)				20 bbis			
7" J-55 4 1/2" J		20# 10.5# , 11.6#	3737' 7967'		8-3/ 6 1/		Surface; 612	sx (1254 cf) 309sx (624 c	<u></u>	40 bbls		
7 1/2	<del></del>	10.5# , 11.0#	1,307				100 @ 3300	3035X (024 C	···	<del></del>	<del></del>	
		LINER	RECORD				30		TL	BING RECOR	D	
SIZE	TOP (MD	) BOTTOM (MD	) SACKS CE	MENT*	SCREEN (	MD)	SIZE		H SET (MD)	F	ACKER SET (MD)	
	<del>  </del>	_	<del></del>				2 3/8"	787	6'			
PERFOR	ATION RECO	RD (Interval, size and	number)		32.		ACI	D, SHOT, FRAC	TURE CEME	NT SQUEEZE	FTC	
PF		•	•	ř						DUNT AND KIND OF MATERIAL USED  5% HCL Acid, slickwater w/23798#		
917' -7870' = 48 holes				[	7823' - 791	17'						
	g1SPF				20/40 TLC Sand.			nd.				
SPF	01 40 b - 1											
SPF	3' = 12 hold	es ,		}								
SPF	3' = 12 hold	e <b>s</b> ,		}								
SPF 0' - 7823		ės .					ODUCTION					
SPF 0' - 7823 FIRST PF	RODUCTION	PROI	OUCTION METHO				ODUCTION te and type of pum	ρ)			(Producing or shul-in)	
SPF 0' - 7823 FIRST PF SI	RODUCTION	PROI	OUCTION METHO	1	Flowing		te and type of pum	p)  GAS-MCF		WELL STATUS SI R-BBL	(Producing or shul-in)	
SPF 0' - 7823 FIRST PF SI OF TEST	RODUCTION W/O Facil	PROI	CHOKE SIZE	PROD	Flowing	oing-siz	te and type of pum	GAS-MCF	WATE	SI R-BBL		
SPF 0' - 7823 FIRST PF SI OF TEST	RODUCTION W/O Facil	PROI	CHOKE SIZE	PROD	Flowing IN FOR PERIOD	oing-siz	te and type of pum BL	GAS-MCF 50.04 mcf	WATE	SI R-BBL	GAS-OIL RATIO	
SPF 0' - 7823 FIRST PF SI OF TEST	RODUCTION W/O Facil	PROI	CHOKE SIZE	PROD TEST	Flowing N FOR	oing-siz	te and type of pum	GAS-MCF 50.04 mcf	WATE	SI R-BBL	GAS-OIL RATIO	
SPF 0' - 7823 FIRST PF SI OF TEST 9/12/07	RODUCTION W/O Facil	PROI	CHOKE SIZE  1/2"  CALCULATED	PROD TEST	Flowing IN FOR PERIOD	OIL-BE	te and type of pum BL	GAS-MCF 50.04 mcf	WATE	SI R-BBL	GAS-OIL RATIO	
SPF 0' - 7823 FIRST PF SI OF TEST 9/12/07 V TUBING 656#	RODUCTION WIO Facil	PROI ities   HOURS TESTED 1   CASING PRESSUR	CHOKE SIZE  1/2"  CALCULATED 24-HOUR RA	PROD TEST	Flowing IN FOR PERIOD	OIL-BE	GASMCF	GAS-MCF  50.04 mcf  WAT	WATE	SI R-BBL	GAS-OIL RATIO OIL GRAVITY-API (CORE	
SPF 0' - 7823 FIRST PF SI OF TEST 9/12/07 V TUBING 656# DISPOSITI	RODUCTION  WO Facil  PRESS  TON OF GAS	PROI ities HOURS TESTED  1 CASING PRESSUR: 591# (Sold, used for fuel, ve	CHOKE SIZE  1/2"  CALCULATED 24-HOUR RA	PROD TEST	Flowing IN FOR PERIOD	OIL-BE	GASMCF	GAS-MCF  50.04 mcf  WAT	WATE	SI R-BBL	GAS-OIL RATIO OIL GRAVITY-API (CORF	
FIRST PE SI OF TEST 9/12/07 V TUBING 656# DISPOSITI	RODUCTION  W/O Facil  PRESS  TON OF GAS	PROI ities  HOURS TESTED  1 CASING PRESSUR  591# Sold, used for fuel, vic To be sold	CHOKE SIZE  1/2* E CALCULATEL 24-HOUR RA  conted, etc. )	PROD TEST	Flowing IN FOR PERIOD	OIL-BE	GAS-MCF	GAS-MCF  50.04 mcf  WAT	WATE	SI R-BBL	GAS-OIL RATIO OIL GRAVITY-API (CORE	
FIRST PF SI OF TEST 9/12/07 V TUBING 656# DISPOSITI	RODUCTION WIO Facil PRESS TON OF GAS TTACHMENT be a Basin	PROI ities    HOURS TESTED  1   CASING PRESSUR:   591#   Sold, used for fuel, vi.   To be sold   S	CHOKE SIZE  1/2*  CALCULATE 24-HOUR RA  onled, etc.)  Mesa Verde v	PROD TEST	PERIOD BBL	OIL-BE	GAS-MCF 1201 mcf/d #2486AZ	GAS-MCF 50.04 mcf WAT 5 bwpd	WATE	SI R-BBL	GAS-OIL RATIO OIL GRAVITY-API (CORE	
SPF 0' - 7823 E FIRST PF SI F OF TEST 9/12/07 V TUBING 656# DISPOSITI	RODUCTION  W/O Facil  PRESS  TON OF GAS  TTACHMENT  be a Basit  entity that the form	PROI ities  HOURS TESTED  1 CASING PRESSUR  591# Sold, used for fuel, vic To be sold	CHOKE SIZE  1/2*  E CALCULATED 24-HOUR RA  onled, etc.)  Mesa Verde v Information is cor	PROD TEST	PERIOD BBL	OIL-BE	GAS-MCF 1201 mcf/d #2486AZ	GAS-MCF 50.04 mcf WAT 5 bwpd	WATE	SI R-BBL	GAS-OIL RATIO OIL GRAVITY-API (CORF	

\*(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

SEP 2 0 2007



				ES .		
				1.78-		
Ojo Alamo	2596'	2686'	White, cr-gr ss.	øjo Alamo	2596′	
Kirtland	2686′	3137′	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland 🔏	2686′	
Fruitland	3137′	3400'	Dk gry-gry carb sh, coal, grn silts, light-	Fruitland ;	3137'	
Pictured Cliffs	3400′	3511'	med gry, tight, fine gr ss. Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3400'	
Lewis	3511'	4172'	Shale w/siltstone stringers	Lewis	3511'	
Huerfanito Bentonite	4172'	4540'	White, waxy chalky bentonite	Huerfanito Bent.	4172'	
Chacra	4540'	5375′	Gry fn grn silty, glauconitic sd stone	Chacra	4540'	
		•	w/drk gry shale	Mesa Verde	5375′	
Mesa Verde	5375′	5433'	Light gry, med-fine gr ss, carb sh	Menefee	5433'	
			& coal	Point Lookout	5652′	
Menefee	5433'	5652'	Med-dark gry, fine gr ss, carb sh & coal	Mancos	5952′	
Point Lookout	56521	5952'	Med-light gry, very fine gr ss w/frequent	Gallup	6930'	
			sh breaks in lower part of formation	Greenhorn	7639'	
Mancos	5952′	6930′	Dark gry carb sh.	Graneros	7694′	
Gallup	6930'	7639'	Lt gry to brn calc carb micac glauc	Dakota	7803′	
			silts & very fine gr gry ss w/irreg.interbed sh			
Greenhorn	7639′	7694'	Highly calc gry sh w/thin lmst.			
Graneros	7694′	7803′	Dk gry shale, fossil & carb w/pyrite incl.			
Dakota	7803′		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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