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, 1	99

LEASE	りたらに	I AVI	ION	1 AI	ΝŲ	٥E	H	M

											5P-07	8/40
WELL (COMPL	ETION	NOR F	RECOMPL	ETION	REP	ORT AND	LO	G*	6 IF INDIAN,	ALLOTTEE OR T	RIBE NAME
1a TYPE O			OIL	GAS X		Other				N.		LLION - MIA
			WELL	METT 1	· L				•		MNM- 78 EEMENT NAME	
b TYPE OI	F COMPLET					1						30-5 Unit 😕
	WELL X	OVER	DEEP-	PLUG BACK	DIFF RESVR	Other				8 FARM OR	LEASE NAME, W	ELL NO.
			·				~~~				89	M
	FOPERATO OncoPhili									9 API WELL		20544
	SS AND TEL								·	10 FIFLD AN	ID POOL, OR WIL	30541-00CZ
	O BOX 428			A 87499 (5	05) 326-97	700			۱ بسب	-	Blanco Mo	esaverde
				arly and in accord	dance with any	State re	quirements)*		- T	11 SEC, T.	R, M, OR BLOCK	AND SURVEY
At surfac	e J(NWSE),	2225' FSì	_ & 1530' FEL			مسوير سي		P 28 200°	OR AREA	^ ق:1	WD OCT 7'09
							1,51	-,	- 005			
At top pr	od. interval re	eported bel	low	SAME AS AB	OVE				3 8 500		SEC. 19, T	•
At total d	iepth SA	ME AS A	ABOVE					SE	F &	وفريس بهرسه سر		L CONS. DIV.
	·											
					14. PERMIT I	VO.	DATE ISSUE	D :: 12	المنقامة الدين المهارة	12 COUNTY PARISH		DIST. 3
							120	Feir	Bund bank Sud a		Arriba	New Mexico
15 DATE SP	, ,		REACHED	17 DATE	COMPL (Read))		EVATIONS (DF, R	KB, RT, BR, ETC	C.)*	19 ELEV CASINGHEAD
04/27/2	009 EPTH, MD &TV		7/2009	BACK T.D , MD &T		1/2009	OMBI	22 11.	GL 628	2' KB 62		CABLE TOOLS
20 TOTAL DI	EPIH, MU &IV	'6	21 PLUG, E	SACK I.D, MD & I	70 22 IF MUI	HOW N			RILLED BY	HOTARY TOOL	8	CABLE TOOLS
	7753'			7748'	l		2			<u> </u>	/es	
24 PRODUC	TION INTERVA	AL (S) OF TH	HIS COMPLE	TION-TOP, BOTT	OM, NAME (MD	AND TVD)*				25 WAS DIRECT	
Blance	o Mesave	rde 4321	1' - 5744	1							SURVEYM	No
	ECTRIC AND C	THER LOG	IS RUN							27 WAS WELL	CORED	
GR/C	CL/CBL										No)
28							RD (Report all str					
9 5/8"		WEIGHT	T, LB./FT 2.3#	DEPTH SET (SIZE			IT, CEMENTING R		A1	MOUNT PULLED 3 bbis
7"/			0#	3551'	83							75 bbls
4 1/2"	/ L-80	11	.6#	7750'	61	/4"			329sx(670cf-1			
29.			LINER RE				30.				IG RECORD	
SIZE	TOP (MD)	BOTT	OM (MD)	SACKS CEME	NT' SCREE	N (MD)	SIZE DEPTH S 2 3/8", 4.7#, J-55 76				CKER SET (MD)	
		+								<u> </u>	 	
31 PERFORA	ATION RECOR	D (Interval,	size and nun	nber)	32			ACID,	SHOT, FRACTU	RE, CEMENT	SQUEEZE, ETC	<u>. </u>
Point Look						5235' -	5744'	Acidi	ze w/ 10bbls ¹	15% HCL. Fr	ac w/ 50190g	als 60% SlickWater w/
1SPF @ 52: Menefee/Cl							····	97,11	8# 20/40 Brad	ly Sand. N2:	1,211,000SCI	:
1SPF @ 48(ļ	4864' -	5183'				•	9# 20/40 Brady Sand
Lewis w/ .3						4321' -	4746	& 10,	653# 20/40 TL	C Sand. N2:	1,199,000SC	F
1SPF @ 43:			es		<u> </u>	4321 -	4746				ear foam pad	w/ 96,919# 20/40
Mesaverde	Total Hole	s = 75 √						Brad	y Sand. N2:1,4	113,000SCF		
33					L		PRODUCTION					
DATE FIRST PE					lowing, gas lift, p	umpings	size and type of pur	np)			. ,	Producing or shut-in)
DATE OF TEST	N/A	HOURS TE		WING ✓	PROD'N FOR	OILB	BL	GAS-	MCF	WATERBBL	SI ₹	IGAS-OIL RATIO
	_			O.L.	TEST PERIOD	1		.				
	/2009 ₹		hr.	1/2"			0	9	2 mcf/h		wph	
FLOW. TUBING	PRESS.	CASING P	RESSURE	CALCULATED 24-HOUR RATE	OILBBL		GASMCF		WATERBB	L		OIL GRAVITY-API (CORR.)
SI - 86	67psi	SI - 7	'11psi		0		2200 mc	/d √		24 bwpd	J	
	ION OF GAS (Sold, used l	for fuel, vente	ed, etc.)							TEST WITNESS	D BY
AF 1154 5= 1	7716	To be	sold						··		L	
	TTACHMENTS		kata/Pla-	on Mone Ver	la well hains	DHC.	per order # 29	86 A7				
							ned from all available		İs			
•	19		0									
SIGNED /	-sta	e To	lacio	TIT	LE	Re	gulatory Tech	nicai	<u>n</u>	DATE	9/28/2	1009
	-/		1 1 -	(Can Inches	tions and S	ìnass:	for Addition	7 100	ata an Da	oo Cida\	-,/	
Titla 1011C	C Section	1001					willfully to mal				(the	
							•		my department thin its iurisdic	~ .	ACC	EPTED FOR RECORD

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SEP 2 9 2009

FARMINGTON FIELD OFFICE BY TESALYETS

API # 30-039-30541			San Juan 30-5 Unit 89M		· .	
Ojo Alamo	2373'	2531'	White, cr-gr ss.	و د	Ojo Alamo	2373'
Kirtland	2531'	2857'	Gry sh interbedded w/tight, gry, fine-gr ss.	1	Kirtland	2531'
Fruitland	2857'	3206'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.		Fruitland	2857'
Pictured Cliffs	3206'	3350'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	3206'
Lewis	3350'	3970	Shale w/siltstone stringers		Lewis	3350'
Huerfanito Bentonite	3970'	4316'	White, waxy chalky bentonite		Huerfanito Bent.	3970'
Chacra	4316'	4858'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	30	Chacra	4316'
Mesa Verde	4858	5190'	Light gry, med-fine gr ss, carb sh & coal		Mesa Verde	4858'
Menefee	5190'	5470'	Med-dark gry, fine gr ss, carb sh & coal		Menefee	5190'
Point Lookout	5470'	5816	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	1,2	Point Lookout	5470'
Mancos	5816'	6720'	Dark gry carb sh.		Mancos	5816'
Gallup	6720'	7451'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	· ·	Gallup	6720'
Greenhorn	7451		Highly calc gry sh w/thin lmst.		Greenhorn	7451'
Graneros	7490'	7609	Dk gry shale, fossil & carb w/pyrite incl.		Graneros	7490'
Dakota	7609	'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	1	Dakota	7609'
Morrison		1	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 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

			JOHEAU OF E							SF-07	8740
WELL	COMP	LETION OR F	RECOMPL	ETION R	EP	ORT AND	LO	G*	6 IF INDIAN,	ALLOTTEE OR T	RIBE NAME
1a TYPE O	F WELL:	OIL WELL	GAS WELL X	DAY	Other					NMMM-	78419B-DK
b TYPE C	F COMPLE	ETION:							7 UNIT AGRI	San Juan	30-5 Unit
	NEM	WORK DEEP-	PLUG	DIFF	Other				8 FARM OR	LEASE NAME, W	
	METT F	OVER EN	BACK	RESVR	J			•		89	М
2 NAME C		· - · ·							9 APIWELL		
		Illips Company		10 -E/E/ D AN	30-039- ID POOL, OR WIL	30541-00CL					
PO BOX 4289, Farmington, NM 87499 (505) 326-9700 Basin Dakota											
		LL (Report location cle		dance with any S	tate re	quirements)*	,-	TO TELL	l .	R, M, OR BLOC	K AND SURVEY
At surfa	ce .	J (NWSE), 2225' FS	L & 1530' FEL			/	12	ب ر	OR AREA		
At ton n	rod interva	reported below	SAME AS AB	OVE				CEP 28	1002	SEC. 19, T	UD OCT 7'09
7 tt top p		•	OANL AO AO	.012				SEP 28	00080 2303	(A) - (10	•
At total of	depth :	SAME AS ABOVE						SEP 28	المانية		COMS. DIV.
			-	14. PERMIT NO	5.	DATE ISSUE	D .	En Malien Land	12 COUNTY	OR	13. STATE 0151. 3
							ь		PARISH		New Mexico
15 DATE SP	UDDED 1	6. DATE T.D. REACHED	17 DATE	COMPL. (Ready to	prod)	,1	18 EL	EVATIONS (DF, R	KB, RT, BR, ETC	Arriba	19 ELEV CASINGHEAD
04/27/2		5/17/2009		09/14/2		OMB	<u></u>	GL 628			OAN S TOOLS
20. TOTAL D	EPIH, MU 8	IVD 21 PLUG, I	BACK T.D., MD &T\	/D 22. IF MULT	HOW N			TERVALS RILLED BY	ROTARY TOOL	S	CABLE TOOLS
	7753'		7748'		2		<u> </u>		<u>y</u>	es	<u> </u>
24 PRODUC	TION INTER	VAL (S) OF THIS COMPL	ETION-TOP, BOTT	OM, NAME (MD AN	טעד פו)-				25. WAS DIRECT	
		7614' - 7748'							<u> </u>	<u> </u>	No
	CL/CBL	OTHER LOGS RUN							27 WAS WELL	CORED	
28.	00,000	·		CASING	RECO	RD (Report all str	inas se	t in well)	<u></u>		<u></u>
CASING SI	ZE/GRADE	WEIGHT, LB./FT	DEPTH SET (M	MD) HOLES	IZE	TOP OF	CEMEN	IT, CEMENTING R		A	MOUNT PULLED
	/ H-40 J-55	32.3#	227' 3551'	12 1/4 8 3/4	1/4" Surface, 76sx(122cf-22l 3/4" Surf., ST@2653' 591sx(1161c					3 bbls 75 bbls	
	/ L-80	11.6#	7750'	6 1/4		TOC@2220', 329sx(670cf-1					
29.	T =====	LINER RE			(1.5 <u>)</u>	30				NG RECORD	
SiZE	TOP (M	D) BOTTOM (MD)	SACKS CEMEN	SCREEN	(MD)	SIZE 2 3/8", 4.7#,	J-55		SET (MD) PACKER SET (ACKER SET (MD)
Dakota w/.		ORD (Interval, size and nur	nber)	32	614' -	7748'		SHOT, FRACTU			
		" = 64 Holes		<u>-</u>				ze w/ 20bbls [.] 1# 20/40 TLC		ac w/ 75,978g	jals SlickWater w/
							17,95	1# 20/40 ILC	Sanu.		
Dakota Tot	al Holes :	= 64 ♥									
33.						PRODUCTION					
DATE FIRST PI	RODUCTION N/A		CTION METHOD (F.	lowing, gas lift, pur	npings	size and type of pun	np)			SI V	Producing or shut-in)
DATE OF TEST		HOURS TESTED	CHOKE SIZE	PROD'N FOR	OILB	BL	GAS	MCF	WATERBBL	, , , , , , , , , , , , , , , , , , ,	GAS-OIL RATIO
00/14	/2009 ✓	1 50	1/2"	TEST PERIOD		0	3	2 mcf/h	0.5	umb.	
FLOW TUBING		1 hr.	CALCULATED	OILBBL		GASMCF		WATERBB		wph	OIL GRAVITY-API (CORR.)
01.0	071	01 744	24-HOUR RATE	•		770			0 1 1		
SI - 80 34. DISPOSIT		SI - 711psi (Sold, used for fuel, vent	ed, etc.)	0		770 mcf/	<u>u</u>	L	8 bwpd /	TEST WITNESS	ED BY
		To be sold									
35 LIST OF		⊤S Basin Dakota/Bla r	oo Maca Vard	le well beine l	DHC -	ner order # 201	REAT		-	. —	
		foregoing and attached in						s			
	1	1-1								1-1	
SIGNED <u></u>	-st	re lajoy	aTITL	.E	Re	egulatory Tech	nicai	<u> </u>	DATE	9/28/2	009
		1 1 -	(See Instruct	tions and Sp	aces	for Addition	nai Da	ta on Rever	se Side)		
Title 18 U.S	.C. Sectio	n 1001, makes it a d	rime for any pe	erson knowingl	y and	willfully to mak	e to a	ny department	of agency of	the AC	יבחינכט ניטט מיימטמט

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ACCEPTED FOR RECORD

SEP 2 9 2009

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