Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other In-structions on

FOR APPROVED OMB NO 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO

NMSF-078039

TYPE OF COMPLETION THE DECOMPLETION THE DECOMP	NELL C	OMPL	ETION	ORI	RECOMPL	ETION REP	ORT AND	LOG*	6. IF	INDIAN, ALLOTTE	E OR TRIBE NAME		
Type Cocome Type	1a. TYPE OF	WELL		WEI'T OIL	GAS WELL X	DRY Other	h	hoon w/ L.					
NAME OF OPERATOR CONCOPHILLIPS COMPANY A DODRESS AND TESTEPHONE NO PERMINITED COMPANY A DODRESS AND TESTEPHONE NO A DODRESS AND TESTEPHONE NO PERMINITED COMPANY A SURface OF THE COMPANY BODY A SURFACE OF THE COMPANY	b TYPE OF	COMPLET	ION.						7 U	NIT AGREEMENT I	NAME		
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Burdent of Long State Stat		WELL 1	OVER [EN	BACK L	RESVR				Barnes Gas	s Com B 1S		
ADDRESS AND TELEPHONE NO	NAME O	F OPERATO)R				Bureau of L	era Mens	gemen 9. A				
PO BOX 4289, Farmington, NM 87499					Y		Fannac	on Fielu C					
At surface					M 97400 (50	5) 326 0700			1				
At surface Unit D (NWNW) 670' FNL & 804' FWL At top prod. Interval reported below At total depth It to prod. Interval reported below At total depth It total depth It D (NEWNY) 670' FNL & 804' FWL At total depth It D (NEWNY) 670' FNL & 804' FWL It PERMIT NO DATE ISSUED It COUNTY OR PARSH PAR							requirements)*	<u></u>					
At top prod. interval reported below At total depth At total	At surface	e Ur	it D (NW	NW) 670	' FNL & 804' FW	/L	,			OR AREA			
14 PERMIT NO DATE (ISSUED 12 COUNTY OR PARSH 13 STATE PARS	At top pro		•	•						Sec.22, T32 R0	2N, R11W, NMPM CVD FEB 27 '08		
DATE TO REACHED 17 DATE COMPL. (Ready to proof) 18. ELEVATONS (G. RKD, RT, BR, ETC.)* 19. ELEV. CASINGHEAD 10. TOTAL DEPTH, MD M/TVD 11. TIZT/Z007 12. FMULTIPLE COMPL. 13. HOW MANY* 13. ELEVATONS (G. RKD, RT, BR, ETC.)* 19. ELEV. CASINGHEAD 19. ELEV. CAS	At total de	epth								0.	IL CONS. DIV.		
SOLATE POWER 11/27/2007					17	4. PERMIT NO	DATE ISSU	ED .	12	COUNTY OR	13. STATE		
SOLATE POWER 11/27/2007							1			_	DIST3		
10/11/2/2007	5. DATE SPL	JDDED 16.	DATE T D	REACHED	17 DATE CO	OMPL. (Ready to prod)	118. ELEVATIO	ONS (DE. RKB. RT.				
Ad55' 3402' 2 yes PRODUCTION INTERVAL (S) OF THIS COMPLETION.TOP, BOTTOM, NAME (MD AND TVD)' WC D3 Fruitland Sand 2943' - 3041' 25 WAS DIRECTIONAL SURVEY MADE SURVEY MADE SURVEY MADE NO RR, CCL, CBL CASIMG RECORD (Report all strings set in well) No CASIMG SIZE/GRADE WEIGHT, LB /FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED T" J. S5 23# 210' 8 3/4" surface; 50 ex (81 cf) 3 bbls 4 1/2" J-55 10.5# 3443' 5114" TOC @ 125'; 217sx (417cf) 0 bbls SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT' SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) PERFORATION RECORD (Interval, size and number) 22.3/8" 3216' SIZE S804'-3041' 2 SPF= 56 holes 412/8" 2438'-3041' 12bbls 9%, Formic Acid, 2500gls 25# X-Link Prepad 112,500# 20140 Brady sand, 1,281,500scf N2 FERST PRODUCTION PRODUCTION METHOD (Fewers, gas iff, pumples—size and type of pumpl) WELL STATUS ((Froducing or shuter)) SIZE S1338/# S1-338/# CONSTRUCTION SIZE DEPTH SET (MD) SIZE S1338/# S1-338/# S1-338/# Dobph 7 mcf/h 1/2 bwph OIL GRAVITY-API (CORR) SI STOPPING FRESSURE CACILILATED CIL-88L GAS-MCF WATER-88L GAS-OIL RATIO TEST FERIOR CIL-88L GAS-MCF WATER-88L OIL GRAVITY-API (CORR) TEST FERIOR CIL-88L GAS-MCF WATER-88L OIL GRAVITY-API (CORR) TEST FERIOR CIL-88L GAS-MCF WATER-88L OIL GRAVITY-API (CORR) TEST FERIOR CIL-88L CAS-MCF WATER-88L OIL GRAVITY-API (CORR) TEST FERIOR CIL-88L CAS-					1		•	1			1		
3455' 3402' 2 yes). TOTAL DE	PTH, MD &/T	VD 2	1. PLUG, P	3ACK T D., MD &TVD					RY TOOLS	CABLE TOOLS		
PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 25 WAS DIRECTRONAL SURVEY MADE	34	155'		340	12"	HOW 2	MANY"	DRILLED	- · · · · · · · · · · · · · · · · · · ·		1		
WC D3 Fruitland Sand 2943' - 3041' In the Electric AND OTHER LOGS RUN GR, CCL, CBL CASING RECORD (Report all strings set in well) CASING RECORD (Report all strings set in well) CASING SIZE/GRADE WEIGHT, LB /FT. DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED T'' -L55 23# 210' 8 344' surface; 50 ex (81 cf) 3 bbls LINER RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT' SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT' SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) PREFORATION RECORD (Interval, size and number) suitland .32" JEFS 2980'-3041' 2 SPF= 56 holes tal FC/FS holes =62 JEFS 2980'-3041' 2 SPF= 56 holes tal FC/FS holes =62 JEFS 2980'-3041' 2 SPF= 56 holes TILLER RECORD FROM INTERVAL (SIZE PERIOD) PRODUCTION PRODUCTION METHOD (Forming, gas iff, pumphry-size and type of pumph) W/O Facilities Flowing FRODUCTION W/O Facilities Flowing SI SSASSME PRESSURE CALCULATED CLI-BBL GAS-MCF WATER-BBL GAS-OIL RATIO TO SHORT FROM LEADING AND STACK LIGHT FROM LEADING AND TO SHORT FROM LEADING AND TO			AL (S) OF TH			M, NAME (MD AND TV	D)*	т	lyes				
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T''						CASING RECORD	(Report all string	s set in well)					
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LINER RECORD LINER RECORD LINER RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT' SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) PERFORATION RECORD (Interval, size and number) size DEPTH SET (MD) PACKER SET (MD) 2-3/8" 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. LIFS 2943'-2948' @ 1 SPF= 6 holes LIFS 2943'-2948' @ 1 SPF= 6 holes LIFS 2943'-2948' @ 2 SPF= 56 holes tall FC/FS holes=62 243'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 112,500# 20/40 Brady sand, 1,281,500scf N2 PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) EFIRST PRODUCTION W/O Facilities Flowing Flowing Flowing SI EOF TEST HOURS TESTED CHOKE SIZE PRODN FOR CIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO 12/13/2008 1	7" FE		22#		2101	0.2/45	5.urfo.co. 50	/04 ==		10.55			
LINER RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT' SCREEN (MD) PERFORATION RECORD (Interval, size and number) Jac. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. SIZE DEPTH SET (MD) PACKER SET (MD) PERFORATION RECORD (Interval, size and number) Jac. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. SIZE DEPTH SET (MD) PRODUCTION FRACTURE, CEMENT SQUEEZE, ETC. Jac. ACID, SHOT, F		-55			1	I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
PERFORATION RECORD (Interval, size and number) 23. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 24. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 25. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 26. 27. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 27. 28. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 29. 29. 29. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 29. 29. 29. 29. 29. 29. 29. 2	-	****		LINER RE	CORD					JBING RECORD)		
PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. ACID, SHOT, FR	SIZE	TOP (MD)	ВОТТО	OM (MD)	SACKS CEMENT	SCREEN (MD)				PA	CKER SET (MD)		
### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO ### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO ### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO ### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO ### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO ### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO ### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO ### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO ### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL OIL-BBL GAS-OIL RATIO ### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL OIL-BBL GAS-OIL RATIO ### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL OIL-BBL GAS-OIL RATIO ### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL OIL-BBL GAS-OIL RATIO ### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL OIL-BBL GAS-OIL RATIO ### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL OIL-BBL GAS-OIL RATIO ### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL OIL-BBL GAS-OIL RATIO ### STATUS CHOKE SIZE PRODN FOR OIL-BBL GAS-MCF WATER-BBL OIL-BBL OIL-BB			 				2-3/8"	3216	<u>'</u>				
LIFS 2943'-2948' @ 1 SPF= 6 holes LIFS 2960'-3041' @ 2 SPF= 56 holes tal FC/FS holes=62 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 22,386gls 75% N2 25# Linear Foamed pad 112,500# 20/40 Brady sand, 1,281,500scf N2 PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing FOATS PRODUCTION W//O Facilities FOATS PRODUCTION WATER—BBL GAS—MCF WATER—BBL GAS—OIL RATIO 2/13/2008 1	PERFORA	TION RECOR	D (Interval, s	size and nur	nber)	32.	AC	ID. SHOT, FR	ACTURE, CEME	NT SQUEEZE. E	ETC.		
tal FC/FS toles =62 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 250gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 2943'-304' 2045' 2045' 2045' 2045' 2045' 2045' 2045' 2045' 2045	uitland .:	32"											
tal FC/FS holes =62 ### ### ### ### ### ### ### ### ### #													
Acceptable of the production and the production of the production	:/FS 294:	3'-2948' @	ก 1 SPF	= 6 hole	25	<u> </u>		 					
2943'-3041' 12bbls 9% Formic Acid, 2500gls 25# X-Link Prepad 22,386gls 75% N2 25# Linear Foamed pad 112,500# 20/40 Brady sand, 1,281,500scf N2 PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) W/O Facilities Flowing													
22,386gIs 75% N2 25# Linear Foamed pad 112,500# 20/40 Brady sand, 1,281,500scf N2 PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) W/O Facilities Flowing Flo	tal FC/F	S holes =	62										
PRODUCTION PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) W/O Facilities Flowing E OF TEST HOURS TESTED CHOKE SIZE PRODN FOR OIL—BBL GAS—MCF WATER—BBL GAS-OIL RATIO TEST PERIOD 7 mcf/h 1/2 bwph W. TUBING PRESS. CASING PRESSURE CALCULATED OIL—BBL GAS—MCF WATER—BBL OIL GRAVITY-API (CORR. 2/1-4HOUR RATE 2/2-4HOUR RATE O bopd 175 mcf/d 13 bwpd DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold. W/O facilities to be set before first production. LIST OF ATTACHMENTS This is a FC/FS well being DHC per order #3916. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records TITLE Regulatory Technician DATE 2/22/2008	iitland Ce	nal R Sana	la wara fr	aald taa	othor	2943'-3041'							
PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) W/O Facilities Flowing	nana oc	Jai G Jaii	S Weie II	ac u togi	ettiei								
W/O Facilities Flowing Flowi				- BEADU	Y/09/14/15/1/15			<u> </u>					
2/13/2008 1 .5 0 boph 7 mcf/h 1/2 bwph W. TUBING PRESS. CASING PRESSURE CALCULATED OIL-BBL GAS-MCF WATER-BBL OIL GRAVITY-API (CORR.) SI - 335# SI- 339# 0 boph 175 mcf/d 13 bwpd DISPOSITION OF GAS (Sold, used for fuel, verifed, etc.) To be sold. W/O facilities to be set before first production. LIST OF ATTACHMENTS This is a FC/FS well being DHC per order #3916. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records TITLE Regulatory Technician DATE 2/22/2008			}	PRODUC	TION WETHOD (FIOR		size and type of pun	ημ)		L	roducing or shut-in)		
2/13/2008 1 .5 0 boph 7 mcf/h 1/2 bwph W. TUBING PRESS. CASING PRESSURE CALCULATED OIL-BBL GAS-MCF WATER-BBL OIL GRAVITY-API (CORR. SI - 335# SI- 339# 0 bopd 175 mcf/d 13 bwpd DISPOSITION OF GAS (Sold, used for fuel, venled, etc.) To be sold. W/O facilities to be set before first production. LIST OF ATTACHMENTS This is a FC/FS well being DHC per order #3916. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records TITLE Regulatory Technician DATE 2/22/2008			HOURS TES	STED		ROD'N FOR OIL-	8BL	GASMCF	WAT		GAS-OIL RATIO		
W. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE O bopd 175 mcf/d 13 bwpd DISPOSITION OF GAS (Sold, used for fuel, venled, etc.) To be sold. W/O facilities to be set before first production. LIST OF ATTACHMENTS This is a FC/FS well being DHC per order #3916. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records TITLE Regulatory Technician DATE 2/22/2008	04		_		1 _ 1	ST PERIOD				410.1	1		
SI - 335# SI- 339# 0 bopd 175 mcf/d 13 bwpd DISPOSITION OF GAS (Sold, used for fuel, venled, etc.) To be sold. W/O facilities to be set before first production. LIST OF ATTACHMENTS This is a FC/FS well being DHC per order #3916. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records NED TITLE Regulatory Technician DATE 2/22/2008						OllBBI			/ATER-BRI	1/2 bwph	OIL GRAVITY-API (COPP		
To be sold. W/O facilities to be set before first production. LIST OF ATTACHMENTS This is a FC/FS well being DHC per order #3916. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records TITLE Regulatory Technician DATE 2/22/2008			r r				SAU-WOF	١ "			3.2 3.3 (T) 7-31 (G) (N)		
To be sold. W/O facilities to be set before first production. LIST OF ATTACHMENTS This is a FC/FS well being DHC per order #3916. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records NED TITLE Regulatory Technician DATE 2/22/2008				339#		0 bopd	0 bopd 175 mcf/d		13 b	wpd			
LIST OF ATTACHMENTS This is a FC/FS well being DHC per order #3916. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records NED TITLE Regulatory Technician DATE 2/22/2008		-								TEST WITNESSE	DBY		
This is a FC/FS well being DHC per order #3916. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records. TITLE Regulatory Technician DATE 2/22/2008				es to be	set before fir	st production.				L			
	This is a	FC/FS w	ell being i			and correct as determine	ned from all available	e records					
			1	_									
*(See Instructions and Spaces for Additional Data on Payerse Side)													
	NED	ann	Sh	mer	TITLE	Regulatory Te	chnician		DATE	2/22/2008	And the second s		

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

API 30-045-33916	1		Barnes Gas Com B 1S		
Ojo Alamo	1512'	1565'	White, cr-gr ss.	Ojo Alamo	1512'
Kirtland	1565'	2826'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1565'
Fruitland	2826'	3240'	Dk gry-gry carb sh, coal, grn silts, light-	Fruitland	2826'
AND A THE PROPERTY AND ASSESSED AS ASSESSED.			med gry, tight, fine gr ss.		
Pictured Cliffs	3240'	XXXX	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3240'
Lewis	XXXX	XXXX	Shale w/siltstone stringers	Lewis	XXXX
Huerfanito Bentonite	XXXX	XXXX	White, waxy chalky bentonite	Huerfanito Bent.	XXXX
Chacra	XXXX	XXXX	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	XXXX
Mesa Verde	XXXX	XXXX	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	XXXX
Menefee	XXXX	XXXX	Med-dark gry, fine gr ss, carb sh & coal	Menefee	XXXX
Point Lookout	XXXX	XXXX	Med-light gry, very fine gr ss w/frequent	Point Lookout	XXXX
			sh breaks in lower part of formation		'
Mancos	xxxx	XXXX	Dark gry carb sh.	Mancos	XXXX
Gallup	XXXX	XXXX	Lt gry to brn calc carb micac glauc	Gallup	XXXX
			silts & very fine gr gry ss w/irreg.interbed sh		
Greenhorn	xxxx	xxxx	Highly calc gry sh w/thin lmst.	Greenhorn	XXXX
Graneros	XXXX	XXXX	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	XXXX
Dakota	XXXX	X	Lt to dk gry foss carb sl calc sl silty	Dakota	XXXX
			ss w/pyrite incl thin sh bands clay & shale breaks		
Morrison	X	_	Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	X

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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

5. LEASE DESIGNATION AND SERIAL NO. NMSF-078039

WELL (COMPL	ETION	OR I	RECOMPI	ETION	REP	ORT AND	LO	G*	6. IF	INDIAN, ALLOTTE	EE OR TRIBE NAME		
1a. TYPE O	FWELL		ÖIL WELL	GAS WELL X	DRY	Other	1 1	1 - 1	الشعفاد ١٠١١					
b. TYPE O	F COMPLET	ION:			_	_	H (312-2)		A L THE DESIGNATION OF THE PERSON AND A PERS	7 UN	IT AGREEMENT	NAME		
- 17120	NEW X	WORK	DEEP-	PLUG	DIFF	Other	FFB	വെ	กกร	8 FA	RM OR LEASE N	AME, WELL NO		
	WELL	OVER	EN	BACK	RESVR	المانات المانات	FED	440	2000		Barnes Ga	s Com B 1S		
2 NAME O	F OPERATO	OR					Bureau of L	end W	(anagemen)	9 AP	WELL NO.	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
		IILLIPS CO		Υ			buleati o. L	د. د <u>دری بخار</u>	Sur Chile			16-00CL		
		EPHONE NO		M 07400 (5	05) 326-97	700	1 64111				ELD AND POOL,	OR WILDCAT Coal/WC FS		
		19, Farming L (Report loc		early and in accord			quirements)*					R BLOCK AND SURVEY		
At surfac	e U i	nit D (NWN	W) 670	'FNL & 804' F	WL		,			d	OR AREA			
		·	•								Sec.22, T3	2N, R11W, NMPM		
At top pr	od interval r	eported belov	W						-	RCVD FEB 27 '08				
At total d	lepth										0	IIL CONS. DIV.		
				i	14 PERMIT	NO.	DATE ISSUE	D		12 C	OUNTY OR	13. STATE		
											PARISH San Juan	DIST. 3		
15. DATE SPI	UDDED 16	DATETD	REACHEE	17 DATE	COMPL. (Ready	to prod)	<u> </u>	18. EL6	VATIONS (DF, R	(B, RT, I		19 ELEV. CASINGHEAD		
10/15/2		11/27/2			5/2008			GL	6513'	KB	6524'			
20 TOTAL DE	EPTH, MD &/T	VD 21.	PLUG, E	BACK T.D., MD &TV	D 22. IF MUI	TIPLE CO			ERVALS RILLED BY	ROTAR	Y TOOLS	CABLE TOOLS		
_	455'		340	_		2				yes		1		
24 PRODUC	TION INTERV	AL (S) OF THIS	COMPL	ETION-TOP, BOTT	OM, NAME (MD	AND TVD)*				25. WAS DIREC SURVEY M			
Basin	Fruitland	Coal 29	43' - 3	3231'							SURVETIVE	No		
		OTHER LOGS	RUN							27 WA	WELL CORED			
GR, C	CL, CBI	-										No		
28.	= 100.00	I		T			Report all string		<u> </u>					
CASING SIZ	E/GRADE	WEIGHT, LI	B./FI	DEPTH SET (M	ID) HOLE	SIZE	TOP OF CEN	MENT, CI	EMENTING RECO	RD	Ar	MOUNT PULLED		
7" J-55		23#		210'	8 3/4"		surface; 50 s	x	(81 cf)		3 bbls			
4 1/2" J	-55	10.5#		3443'	6 1/4"		TOC @ 125';	217sx	(417cf)		0 bbls			
29 SIZE	TOP (MD)		INER RE	SACKS CEMEN	T* SCREE	N (MD)	30. SIZE	— т	DEPTH SET (BING RECORD	CKER SET (MD)		
							2-3/8"		3216'	,				
PEDEODA	TION DECOR													
31 PERFORA Fruitland.		(D (Interval, Size	e ana nun	noer).	32 3214'-32	231'	ACI		T, FRACTURE,			ETC. K-Link Prepad		
LFC 3214'-	-3231' @								gls 75% N2 2					
UFC 3102'											ly sand, 643,000scf N2			
FC/FS 294 FC/FS 296					3102'-31						Acid, 2500gls 25# X-Link Prepad 25# Linear Foamed pad			
Total FC/F			30 110	165		42,000# 20/40 Brad								
					2943'-30					Acid, 2500gls 25# X-Link Prepad				
Fruitland Co	oal & Sand	ls were frac	c'd toge	ether							25# Linear Foamed pad dy sand, 1,281,500scf N2			
33.							ODUCTION	***	TOTH ZUINU DIA					
DATE FIRST PR			PRODUC	TION METHOD (FA			ze and type of pum	D)				Producing or shut-in)		
SI W/O Faci		HOURS TEST	ED	CHOKE SIZE	Flowing PROD'N FOR	g OILBE	3L	GAS-A	/ICF	WATE	SI RBBL	GAS-OIL RATIO		
			1		TEST PERIOD	1								
2/13/20 LOW. TUBING		1 CASING PRES	SOURE	.5	OILBBL	<u> </u>	0 boph	14 m			1 bwph	OIL CRAVITY ADL/CODD		
LOVY. TUBING	rness	CASING PRES		CALCULATED 24-HOUR RATE	OILDBL	i	GAS-MCF	- 1	WATER-BBI			OIL GRAVITY-API (CORR.)		
SI - 335		SI- 339#		<u>``.</u>	0 bopd		326 mcf/d			23 bw	/pd			
34 DISPOSITI						4!					TEST WITNESSE	DBY		
35 LIST OF AT			to be	set before fi	rst produc	tion.								
			HC per	order #3916.										
				ormation is complete	and correct as	determine	d from all available	records				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		1.	•			_								
SIGNED	my	Here	<u></u>	TITLI	Regulat	ory Tec	hnician			DATE _	2/22/2008	£		

*(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.

IMOCD &

FEB 2 5 2008

FARMINGTON FIELD OFFICE BY T. Salvers

API 30-045-33916	1		Barnes Gas Com B 1S		
Ojo Alamo	1512'	1565'	White, cr-gr ss.	Ojo Alamo	1512'
Kirtland	1565'	2826'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1565'
Fruitland	2826'	3240'	Dk gry-gry carb sh, coal, grn silts, light-	Fruitland	2826'
The second secon			med gry, tight, fine gr ss.		
Pictured Cliffs	3240'	XXXX	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3240'
Lewis	XXXX	XXXX	Shale w/siltstone stringers	Lewis	XXXX
Huerfanito Bentonite	XXXX	XXXX	White, waxy chalky bentonite	Huerfanito Bent.	XXXX
Chacra	XXXX	XXXX	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	XXXX
Mesa Verde	XXXX	XXXX	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	XXXX
Menefee	XXXX	XXXX	Med-dark gry, fine gr ss, carb sh & coal	Menefee	XXXX
Point Lookout	XXXX	XXXX	Med-light gry, very fine gr ss w/frequent	Point Lookout	XXXX
			sh breaks in lower part of formation		'
Mancos	XXXX	XXXX	Dark gry carb sh.	Mancos	XXXX
Gallup	XXXX	XXXX	Lt gry to brn calc carb micac glauc	Gallup	XXXX
			silts & very fine gr gry ss w/irreg.interbed sh		
Greenhorn	XXXX	XXXX	Highly calc gry sh w/thin lmst.	Greenhorn	XXXX
Graneros	XXXX	XXXX	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	XXXX
Dakota	XXXX	X	Lt to dk gry foss carb sl calc sl silty	Dakota	XXXX
			ss w/pyrite incl thin sh bands clay & shale breaks		
Morrison	X		Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	X

To Show of

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