Form 3160-4 (October 1990)

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**UNITED STATES** DEPARTMENT OF THE INTERIOR SUBMIT IN DUPLICATE\* (See other In

FOR APPROVED

OMB NO 1004-0137

Expires: December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO JUN 2 9 2011 reverse side) **BUREAU OF LAND MANAGEMENT** AMENDED SF-078426 6 IF INDIAN, ALLOTTEE OR TRIBE NAMESTMINGTON FIELD OFFICE WELL COMPLETION OR RECOMPLETION REPORT AND LOG' Rureau of Land Managemen. NMNMIZYZ 1a TYPE OF WELL: UNIT AGREEMENT NAME **b** TYPE OF COMPLETION San Juan 29-6 Unit 8 FARM OR LEASE NAME, WELL NO DEEP EN PLUG BACK NEW X WORK OVER 61M 2 NAME OF OPERATOR 9 API WELL NO ConcoPhillips Company 30-039-30985-0001 10 FIELD AND POOL, OR WILDCAT ADDRESS AND TELEPHONE NO PO BOX 4289, Farmington, NM 87499 (505) 326-9700 **BASIN DAKOTA** SEC., T, R, M, OR BLOCK AND SURVEY 4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements) OR AREA K (NESW), 1975' FSL & 1790' FWL At surface M (SWSW), 1238' FWL & 744' FWL Sec. 19, T29N, R6W At top prod interval reported below At total depth M (SWSW), 1238' FSL & 744' FWL 14 PERMIT NO. DATE ISSUED 12 COUNTY OR 13 STATE PARISH New Mexico Rio Arriba
18 ELEVATIONS (DF, RKB, RT, BR, ETC.)\* 15 DATE SPUDDED DATE T D REACHED 17 DATE COMPL (Ready to prod 19. ELEV CASINGHEAD GL 6251' KB 6266' 3/30/11 4/24/11 6/7/11 - GRS CABLE TOOLS 22 IF MULTIPLE COMPL 20 TOTAL DEPTH, MD &TVD 21 PLUG, BACK T D , MD &TVD 23 INTERVALS ROTARY TOOLS DRILLED BY MD 7806' / TVD 7561' MD 7810' / TVD 7565' yes 24 PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) WAS DIRECTIONAL SURVEY MADE Basin Dakota 7598' -7770' YES 26 TYPE ELECTRIC AND OTHER LOGS RUN 27 WAS WELL CORED GR/CCL/GBL No CASING RECORD (Report all strings set in well) 28 HOLE SIZE CASING SIZE/GRADE WEIGHT, LB /FT DEPTH SET (MD) TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED 9 5/8 / H-40 32.3# 233' 12 1/4" Surface, 76sx(122cf-22bbls) 6bbls Stage tool @ 2846' 7" / J-55 23# 4457' 8 3/4" 610sx(1253cf-223bbls) 44bbls 11.6# 7808 6 1/4" TOC @ 3468'-261 sx(527cf-94bbls) 4 1/2" / L-80 29 LINER RECORD TUBING RECORD BOTTOM (MD) SACKS CEMENT\* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 2 3/8" 7690' 4.7# / L-80 PERFORATION RECORD (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Dakota w/ .34" diam. 7598' 7770' Acidize w/ 17 bbls 2% KCL & 10 bbls acid. Frac w/ 2,889 bbls 70Q slickwater foam w/ 40,187# of 20/40 Brady sand. 1SPF @ 7598' -- 7684' = 23 Holes N2: 2395,800 scf 2SPF @ 7698 - 7770'= 36 ACCEPTED FOR RECORD TOTAL HOLES = 59 JUN 3 0 2011 OIL CONS. DIV. <del>dist.</del> 2 FARMINGTON FIELD OFFICE BY SCL 33 PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) WELL STATUS (Producing or shut-in) DATE FIRST PRODUCTION **FLOWING** SI 6/7/11 - GRS OURS TESTED GAS--MCF WATER--BB SAS-OIL RATIO HOKE SIZE ROD'N FOR TEST PERIOD 42 mcf/h 1/2" 0 0 6/16/11 1hr. FLOW TUBING PRESS ASING PRESSURE CALCULATED OIL -- BBI GAS--MCF WATER-BBI OIL GRAVITY-API (CORR.) 24-HOUR RATE 1,001 mcf/ d SI-663psi SI-559psi 0 FEST WITNESSED BY To be sold 35 LIST OF ATTACHMENTS This is a Mesaverde / Dakota commingled well under DHC Order 3522AZ. certify that the foregoing and attached information is complete and correct as determined from all available records

\*(Şee 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.

TITLE



Staff Regulatory Technicain



6/29/11

API#3003930985			San Juan 29-6 Unit 61M			
Ojo Alamo	2320'	2492'	White, cr-gr ss.	Ĭ.	Ojo Alamo	2320'
Kirtland	2492'	3119'	Gry sh interbedded w/tight, gry, fine-gr ss.	5	Kirtland	2492'
Fruitland	3119'	3321'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.		Fruitland	3119'
Pictured Cliffs	3321'	3463'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	3321'
Lewis	3463'	4117'	Shale w/siltstone stringers		Lewis	3463'
Huerfanito Bentonite	4117'	4324'	White, waxy chalky bentonite		Huerfanito Bent.	4117
Chacra	4324'	5096'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Š.	Chacra	4324'
Mesa Verde	5096'	5194'	Light gry, med-fine gr ss, carb sh & coal	- E	Mesa Verde	5096'
Menefee	5194'	5508'	Med-dark gry, fine gr ss, carb sh & coal		Menefee Point Lookout	5194'
Point Lookout	5508'	5996'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation			5508'
Mancos	5996'	6771'	Dark gry carb sh.	135	Mancos	5996'
Gallup	6771'	7487'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh		Gallup	6771'
Greenhorn	7487'	7545'	Highly calc gry sh w/thin lmst.	8	Greenhorn	7487'
Graneros	7545'	7597'	Dk gry shale, fossil & carb w/pyrite incl.		Graneros	7545'
Dakota	7597'	7810'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks		Dakota	7597'
Morrison		1	Interbed grn, brn & red waxy sh & fine to coarse grn ss		Morrison	1



, Form 3160-4 (October 1990)

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SIGNED

**UNITED STATES** DEPARTMENT OF THE INTERIOR SUBMIT IN DUPLICATE\*

(See other In-structions on reverse side)

	В	UREAU OF LAND	MANAGEMENT	Ī		5 LEAS		ngion Field Office
WELL COMPLE	ETION OR B	ECOMPLET	ION DEDC	DT AND	1.0G*	6 IF IN	DUTEAN OF THE	E ORITRIBEINAME AGEM
1a TYPE OF WELL	OIL. WELL	GAS WELL X	DRY Other	JKI AND		J	numia	
	7. UNIT AGREEMENT NAME							
b TYPE OF COMPLETION	ON. WORK DEEP-	PLUG	DIFF .			0.545	San Jua M OR LEASE NA	an 29-6 Unit
WELL X	OVER EN	BACK	RESVR Other			0 FAR		·
2 NAME OF OPERATO	9 API	WELL NO	61M					
ConcoPhilli	30-039-30985-モンと							
3 ADDRESS AND TELE			226 0700			10. FIE	LD AND POOL,	
4 LOCATION OF WELL	, Farmington, NN (Report location clea		326-9700 with any State red	quirements)*		11 SE		N DAKOTA R BLOCK AND SURVEY
At surface K (I	NESW), 1975' FSI	L & 1790' FWL	·			OR AREA		
At top prod interval re	ported below	M (SWSW), 1238	FWL & 744' FW	<i>i</i> L			Sec. 19	, T29N, R6W
At total depth M (	SWSW), 1238'_EV							
	, ,	14	PERMIT NO	DATE ISSUE	D	,	OUNTY OR	13 STATE
						Į.	<sup>ARISH</sup> o Arriba	New Mexico
	DATE T D REACHED	17. DATE COMP	PL (Ready to prod )		18 ELEVATIONS (DF, R	KB, RT, B	R, ETC )*	19 ELEV CASINGHEAD
3/30/11 20 TOTAL DEPTH, MD &TVD	4/24/11	ACK T.D., MD.&TVD	6/7/11 - GRS		GL 6251 23 INTERVALS	KB 62		CABLE TOOLS
20 TOTAL DEPTH, MD & IVL	ZI. PLUG, B	MONTO, WID & IVU	HOW M		DRILLED BY	MOTARY	,0023	•
MD 7810' / TVD 75 24 PRODUCTION INTERVAL		06' / TVD 7561'	2			<u></u>	yes 25 WAS DIREC	TIONAL
		HON-TOP, BOTTOM, NA	//VI⊏ (IVID AND TVD)*			ľ	SURVEY M.	ADE
Basin Dakota 75 26. TYPE ELECTRIC AND OT						107 14/40	WELL CORED	YES
GR/CCL/GBL	THER LOGS RON					ZI WAS	WELL COKED	No
28		C	ASING RECORD (	Report all strings	s set in well)			
CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (MD)	HOLE SIZE		MENT, CEMENTING RECO		A	MOUNT PULLED
9 5/8 / H-40	32.3#	233'	12 1/4"		, 76sx(122cf-22bbl ge tool @ 2846'	s)		6bbls
7" / J-55	23#	4457'	8 3/4"	1	x(1253cf-223bbis)			44bbls
4 1/2" / L-80	11.6#	7808'	6 1/4"	<del></del>	8'-261 sx(527cf-94			
SIZE TOP (MD)	LINER RE BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30 SIZE	DEPTH SET		BING RECOR	ACKER SET (MD)
0.22 101 (115)	30710111(113)			2 3/8"	7690'	()		,
1 PERFORATION RECORD	Ciptorial area and num	has)		A.C.I	4.7# / L-80 D, SHOT, FRACTURE	CEMEN	IT COLLETTE	FTO
Dakota w/ .34" diam.	J (Interval, Size and Hum	<i>bei</i> )	7698		<del>,</del>			acid. Frac w/ 2,889
ISPF@7698' - 7770'= SPF	59 Holes				bbls 70Q slickwat	er foam	w/ 40,187#	of 20/40 Brady sand.
Revise: A	11 15PH	- <del>*</del>			4	ACCE	PTED F	OR RECORD
10019 0 000							JUN 2	7 2011
			1			CADA	INGTON	FIELD OFFICE
je amended	well complet	nin report				TARIMI 3Y_≤		
		nin report			E	BY <u></u> ≤		
33	PRODUCTION	tion report ta	g, gas lift, pumpingsi	ze and type of pum,		3Y <u> </u>		(Producing or shut-in)
33	PRODUCTION PRODUCTION FLO	CTION METHOD (Flowing			0)	3Y <u> </u>	WELL STATUS	(Producing or shut-in)
33 DATE FIRST PRODUCTION 6/7/11 - GRS	PRODUCTION PRODUCTION PRODUCTION FLC	OWING CHOKE SIZE PROTES	g, gas lift, pumping-si	BL	GÁS-MCF	3Y <u> </u>	WELL STATUS SI RBBL	
33 DATE FIRST PRODUCTION 6/7/11 - GRS 6/16/11	PRODUCTION PRODUCTION FLO	CTION METHOD (Flowing DWING CHOKE SIZE PRO TES 1/2"	D'N FOR OILB		0)	WATER	WELL STATUS	(Producing or shut-in)
6/16/11 FLOW TUBING PRESS	PRODUCTION PRODUCTION PRODUCTION FLC HOURS TESTED  1hr. CASING PRESSURE SI-559psi	CTION METHOD (Flowing) WING CHOKE SIZE PROTES 1/2" CALCULATED OI 24-HOUR RATE	DO'N FOR OILB	вь <b>0</b>	GAS-MCF  42 mcf/h  WATER-BI	WATE	WELL STATUST SI R-BBL 0	(Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR
33 DATE FIRST PRODUCTION 6/7/11 - GRS 6/16/11 FLOW TUBING PRESS	PRODUCTION PRODUCTION PRODUCTION FLC HOURS TESTED  1hr. CASING PRESSURE SI-559psi	CTION METHOD (Flowing) WING CHOKE SIZE PROTES 1/2" CALCULATED OI 24-HOUR RATE	DO'N FOR OIL-B	O GASMCF	GAS-MCF  42 mcf/h  WATER-BI	WATE	WELL STATUS SI RBBL	(Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR
33 DATE FIRST PRODUCTION 6/7/11 - GRS 6/16/11 FLOW TUBING PRESS SI-663psi	PRODUCTION PRODUCTION PRODUCTION FLC HOURS TESTED  1hr. CASING PRESSURE SI-559psi Sold, used for fuel, vente To be sold	CTION METHOD (Flowing) DWING CHOKE SIZE PROTECTION TES 1/2" CALCULATED OI 24-HOUR RATE 24, etc )	OD'N FOR OIL-B	O GASMCF	GAS-MCF  42 mcf/h  WATER-BI	WATE	WELL STATUST SI R-BBL 0	(Producing or shut-in)  GAS-OIL RATIO  OIL GRAVITY-API (CORR

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Staff Regulatory Technicain

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6/23/11

DATE

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Morrison		'	Interbed grn, brn & red waxy sh & fine to coarse grn ss	::: Morrison	1



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

OMB NO. 1004-0137

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO

6 IF INDIAN ALLOTTEE OR TRIBE NAME

SF-078426

a TYPE OF					JKI AND		ر ا		2111
	WELL	OIL WELL	GAS WELL X	DRY			<i>N1</i>	42M 78	1716A-7
· TYPE OF	COMPLETIO	ON:					, ONI		<sup>AME</sup> n 29-6 Unit <b>V</b>
	NEW X	WORK DEEP- OVER EN	PLUG BACK	DIFF RESVR Other			8 FAF	RM OR LEASE NA	ME, WELL NO
									51M
	F OPERATO						9 API	WELL NO	
	oncoPhilli <sub>l</sub> SS AND TELE	os Company					10 FII	3U-U3 ELD AND POOL, C	19-30985 ~DOC\(\) DR WILDCAT
		, Farmington, NM	187499 (50	5) 326-9700			10. 11		MESAVERDE
				nce with any State red	quirements)*			C,T,R,M,OR	BLOCK AND SURVEY
At surfac	:e <b>K</b> (I	NESW), 1975' FSL	& 1790' FWL				٥	R AREA	
At top pro	od interval re	ported below	M (SWSW), 12	38' FWL & 744' FW	<i>I</i> L			Sec. 19,	T29N, R6W
At total d	lepth M (	SWSW), 1238' FW	/L & 744' FWL						
			[1	4 PERMIT NO.	DATE ISSUE	D	12 C	DUNTY OR	13 STATE
								PARISH	New Mexico
DATE SPU	UDDED 16	DATE T D REACHED	17. DATE CO	OMPL (Ready to prod )	l	18 ELEVATIONS (DF, RI		io Arriba R, ETC)*	19 ELEV CASINGHEAD
3/30/1		4/24/11		6/7/11 - GRS	1	GL 6251	' KB 6	266'	
TOTAL DE	EPTH, MD &TVE	21 PLUG, B.	ACK T.D., MD.&TVD	22 IF MULTIPLE CO HOW M		23 INTERVALS DRILLED BY	ROTAR	Y TOOLS	CABLE TOOLS
MD 781	10' / TVD 75	65' MD 78	06' / TVD 7561'	2		5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Ī	yes	
				, NAME (MD AND TVD)*				25 WAS DIRECT	
Blance	o Mesaver	de 4326' - 5688'						SURVEY MA	YES
		HER LOGS RUN					27 WAS	S WELL CORED	- <del></del>
GR/C	CL/GBL								No
				CASING RECORD					
9 5/8 /	ZE/GRADE	WEIGHT, LB /FT. 32.3#	DEPTH SET (ME	) HOLE SIZE 12 1/4"		MENT, CEMENTING RECO , 76sx(122cf-22bbls		AM	MOUNT PULLED 6bbls
3 3/6 I	11-40	32.3#	233	12 1/4	· · · · · · · · · · · · · · · · · · ·	ge tool @ 2846'	2)		UNDIS
7" / 、	J-55	23#	4457'	8 3/4"	1	x(1253cf-223bbls)			44bbls
4 1/2"		11.6#	7808'	6 1/4"	TOC @ 346	8' -261 sx(527cf-94			
4175		LINER RE		- 1	30			BING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE 2 3/8"	DEPTH SET 7690'	(MD)	PA	ACKER SET (MD)
	<del>                                     </del>	<del> </del>			1	4.7# / L-80			
	ATION DECORAGE	(Interval, size and numi	ber)	32		D, SHOT, FRACTURE			
				l 5388' -	- 5688.	JAcidize w/ 10 bbls			acid. Frac w/ 2,666
nt Look	out w/ .34"					bble 700 allalanat			or 20140 Brauy Sanu.
int Look PF @ 53	out w/ .34" 88'-5688'= 2	26 Holes				bbls 70Q slickwat	er ioan	10,5-443	NZ', 1, 28 0, 70
int Look PF @ 53 IF/Cliffho	out w/ .34"	26 Holes ' diam.						90,574# CL &40 bbls :	
int Look PF @ 53 IF/Cliffho PF @ 49 wis w/ .3	out w/ .34" 88'-5688'= 2 ouse w/ .34' 42'-5333' = 64" diam.	26 Holes ' diam. 26 Holes				Acidize w/ 10 bbls	2% K0	CL & 40 bbls a	acid. Frac w/ 2644 of 20/40 Brady sand.
nt Look PF @ 53 F/Cliffho PF @ 49 vis w/ .3 PF @ 43	out w/ .34" 88'-5688'= 2 ouse w/ .34' 42'-5333' = 44" diam. 26'-4530'= 2	26 Holes ' diam. 26 Holes		4942*	- 5333'	Acidize w/ 10 bbls	2% K0	CL & 40 bbls a	acid. Frac w/ 2644 of 20/40 Brady sand.
int Look PF @ 53 IF/Cliffho PF @ 49 wis w/ .3 PF @ 43	out w/ .34" 88'-5688'= 2 ouse w/ .34' 42'-5333' = 44" diam. .26'-4530'= 2 loles = 62	26 Holes ' diam. 26 Holes		4942'	- 5333'	Acidize w/ 10 bbls	2% K0	CL & 40 bbls a	acid. Frac w/ 2644
int Look PF @ 53 1F/Cliffho PF @ 49 wis w/ .3 PF @ 43	out w/ .34" 88'-5688'= 2 ouse w/ .34' 42'-5333' = 44" diam. 26'-4530'= 2	26 Holes ' diam. 26 Holes		4942'	- 5333'	Acidize w/ 10 bbls bbls 70Q slickwat	2% K( er foan	N2 ',	acid. Frac w/ 2644 of 20/40 Brady sand. 199, 700 s C C
nt Look PF @ 53 IF/Cliffho PF @ 49 vis w/ .3 PF @ 43	out w/ .34" 88'-5688'= 2 ouse w/ .34' 42'-5333' = 44" diam. .26'-4530'= 2 loles = 62	26 Holes ' diam. 26 Holes		4942' -		Acidize w/ 10 bbls bbls 70Q slickwat	2% K( er foan	CL & 40 bbls an w/ 90,322# o	acid. Frac w/ 2644 of 20/40 Brady sand. 199, 700 s C C
nt Look PF @ 53 F/Cliffho PF @ 49 vis w/ .3 PF @ 43	out w/ .34" 88'-5688'= 2 ouse w/ .34' 42'-5333' = 44" diam. .26'-4530'= 2 loles = 62	26 Holes ' diam. 26 Holes				Acidize w/ 10 bbls bbls 70Q slickwat	2% K( er foan	N2 ',	acid. Frac w/ 2644 of 20/40 Brady sand. 199, 700 s C C
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int Look PF @ 53 IF/Cliffhd PF @ 49 wis w/ .3 PF @ 43 ' Total H	out w/ .34" 88'-5688'= 2 ouse w/ .34' 42'-5333' = 44" diam. .26'-4530'= 2 loles = 62	26 Holes ' diam. 26 Holes 26 Holes	CTION METHÓD (FIO		- 4530'	Acidize w/ 10 bbls bbls 70Q slickwat Frac w/ 75% Visco	2% K( er foan	CL & 40 bbls and w/90,322# of N2 : 1, c w/ 55,098# : 1,3 & 9,	acid. Frac w/ 2644 of 20/40 Brady sand. 199, 700 s C C
int Look PF @ 53 MF/Cliffth PF @ 49 Wis W/ .3 PF @ 43 / Total H	out w/ .34" .88'-5688'= 2 ouse w/ .34' .42'-5333' = .4" diam. .26'-4530'= 2 folies = .62' .78	PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION	WING	4326' wing, gas lift, pumping-s	- 4530' ize and type of pum	Acidize w/ 10 bbls bbls 70Q slickwat Frac w/ 75% Visco	er foan D Elasti V2	CL 8.40 bbls in w/90,322# o  N2 : /, c w/ 55,098# : /, 3 8 9	acid. Frac w/ 2644 of 20/40 Brady sand. 199, 700 s c f  20/40 Arizona sand. 3 00 s c f
int Look PF @ 53 MF/Cliffth PF @ 49 Wis W/ .3 PF @ 43 / Total H	out w/ .34" .88'-5688'= 2 ouse w/ .34' .42'-5333' = .4" diam. .26'-4530'= 2 folies = .62' .78	PRODUCTION	OWING CHOKE SIZE	4326'	- 4530' ize and type of pum	Acidize w/ 10 bbls bbls 70Q slickwat Frac w/ 75% Visco	er foan D Elasti V2	CL & 40 bbls and w/90,322# of N2 : 1, c w/ 55,098# : 1,3 & 9,	acid. Frac w/ 2644 of 20/40 Brady sand. 199, 700 s C f  20/40 Arizona sand. 3 00 s c f
int Look PF @ 53 MF/Cliffhd PF @ 49 Wis W .3 PF @ 43 / Total H	out w/ .34" .88'-5688'= 2 ouse w/ .34' .42'-5333' = .4" diam. .26'-4530'= 2 folies = .62' .78	PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION	OWING CHOKE SIZE	4326' wing, gas lift, pumping-s	- 4530' ize and type of pum	Acidize w/ 10 bbls bbls 70Q slickwat Frac w/ 75% Visco	E 2% KC er foan D Elasti V2.	CL 8.40 bbls in w/90,322# o  N2 : /, c w/ 55,098# : /, 3 8 9	acid. Frac w/ 2644 of 20/40 Brady sand. 199, 700 s c f  20/40 Arizona sand. 3 00 s c f
int Look PF @ 53 IF/Cliffho PF @ 49 Wis W/ .3 PF @ 43 Y Total H	out w/ .34" .88'-5688'= 2 ouse w/ .34' .42'-5333' = .4" diam. .26'-4530'= 2 folces = .62' -78	PRODUCTION	OWING CHOKE SIZE  1/2" CALCULATED	4326' wing, gas lift, pumping-s	- 4530' lize and type of pum BBL	Acidize w/ 110 bbls bbls 70Q slickwat Frac w/ 75% Visco	E 2% KC er foan D Elasti V2.	CL 8.41 bbls an w/90,322# c N2 : /, c w/55,098# : 1,3 8 9  WELL STATUS (   SI -R-BBL	acid. Frac w/ 2644 of 20/40 Brady sand. 199, 700 s c f  20/40 Arizona sand. 3 00 s c f
nt Look PF @ 53 F/Cliffho PF @ 49 vis w/ .3 PF @ 43 Total H	out w/ .34" .88'-5688'= 2 ouse w/ .34' .42'-5333' = .4" diam26'-4530'= 2 loles = .62 .78  RODUCTION 7/11 - GRS T  6/11 3 PRESS.	PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION FLC HOURS TESTED Thr. CASING PRESSURE	OWING CHOKE SIZE IF	4326' wing, gas lift, pumping-s PROD'N FOR IEST PERIOD OIL-BBL	- 4530'  ize and type of pum  BBL  0  GASMCF	Acidize w/ 10 bbls bbls 70Q slickwat  Frac w/ 75% Visco  P)  GAS-MCF  9 mcf / h  WATER-BI	Elasti V2.	CL & 40 bbls and w/90,322# c  N2 : /, c w/ 55,098# : 1,3 & 9,    WELL STATUS ()   SI   LR-BBL	acid. Frac w/ 2644 of 20/40 Brady sand. 199, 700 s C f  20/40 Arizona sand. 3 00 s c f  Producing or shut-in)
nt Look PF @ 53 F/Clifffho PF @ 49 vis w/ .3 PF @ 43 Total H	out w/ .34" .88'-5688'= 2 ouse w/ .34' .42'-5333' = .4" diam26'-4530'= 2 .foles = .62	PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION FRODUCTION	CHOKE SIZE  1/2"  CALCULATED  24-HOUR RATE	4326' wing, gas lift, pumping-s PROD'N FOR JEST PERIOD	- 4530' lize and type of pum BBL 0	Acidize w/ 10 bbls bbls 70Q slickwat  Frac w/ 75% Visco  P)  GAS-MCF  9 mcf / h  WATER-BI	E 2% KC er foan D Elasti V2.	CL & 40 bbls and w/90,322# c  N2 : /, c w/ 55,098# : 1,3 & 9,    WELL STATUS ()   SI   LR-BBL	acid. Frac w/ 2644 of 20/40 Brady sand. 199, 700 s c f  20/40 Arizona sand. 3 00 s c f  Producing or shut-in)  IGAS-OIL RATIO
nt Look PF @ 53 F/Clifffho PF @ 49 vis w/ .3 PF @ 43 Total H	out w/ .34" .88'-5688'= 2 ouse w/ .34' .42'-5333' = .4" diam26'-4530'= 2 .foles = .62	PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION FLC HOURS TESTED  Ahr. CASING PRESSURE SI-559psi	CHOKE SIZE  1/2"  CALCULATED  24-HOUR RATE	4326' wing, gas lift, pumping-s PROD'N FOR IEST PERIOD OIL-BBL	- 4530'  ize and type of pum  BBL  0  GASMCF	Acidize w/ 10 bbls bbls 70Q slickwat  Frac w/ 75% Visco  P)  GAS-MCF  9 mcf / h  WATER-BI	Elasti V2.	CL & 40 bbls an w/90,322# c  N2 : /, c w/ 55,098# : 1,3 8 9,    WELL STATUS (   SI : R-BBL   cce / bwph	acid. Frac w/ 2644 of 20/40 Brady sand. 199, 700 s c f  20/40 Arizona sand. 3 00 s c f  Producing or shut-in)  IGAS-OIL RATIO
nt Look PF @ 53 F/Clifffho PF @ 49 vis w/ .3 PF @ 43 Total H E FIRST PI 6/7 E OF TEST 6/14 W TUBING	out w/ .34" .88'-5688'= 2 ouse w/ .34' .42'-5333' = .4" diam26'-4530'= 2 .foles = .62	PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION FLC HOURS TESTED  1hr. CASING PRESSURE Sold, used for fuel, vente To be sold	CHOKE SIZE  1/2"  CALCULATED  24-HOUR RATE	4326' wing, gas lift, pumping-s PROD'N FOR IEST PERIOD OIL-BBL	- 4530'  ize and type of pum  BBL  0  GASMCF	Acidize w/ 10 bbls bbls 70Q slickwat  Frac w/ 75% Visco  P)  GAS-MCF  9 mcf / h  WATER-BI	Elasti V2.	CL & 40 bbls an w/90,322# c  N2 : /, c w/ 55,098# : 1,3 8 9,    WELL STATUS (   SI : R-BBL   cce / bwph	acid. Frac w/ 2644 of 20/40 Brady sand. 199, 700 s c f  20/40 Arizona sand. 3 00 s c f  Producing or shut-in)  IGAS-OIL RATIO
int Look PF @ 53  IF/Cliffho PF @ 49 wis w/ .3 PF @ 43 / Total H  E FIRST PI E OF TEST  6/1  W TUBING SI-66 I DISPOST S LIST OF .  Is is a M	out w/ .34" .88'-5688'= 2 ouse w/ .34' .42'-5333' = .4" diam26'-4530'= 2 loles = .62 .78  RODUCTION 7/11 - GRS T 6/11 .3 PRESS. 63psi TION OF GAS ( ATTACHMENTS	PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION FLC HOURS TESTED  1hr. CASING PRESSURE Sold, used for fuel, vente To be sold Dakota comming	CHOKE SIZE  1/2"  CALCULATED  24-HOUR RATE  ad, etc.)	4326' wing, gas lift, pumping-s PROD'N FOR FIEST PERIOD OIL-BBL 0 DHC Order 3522A	- 4530'  ize and type of pum  BBL  0  GASMCF  220 mcf	Acidize w/ 10 bbls bbls 70Q slickwat Frac w/ 75% Visco  GAS-MCF  9 mcf / h  WATER-B	Elasti V2.	CL & 41 bbls in w/90,322# c N2: /, c w/55,098# : 1,3 8 9  WELL STATUS (   SI -R-BBL	acid. Frac w/ 2644 of 20/40 Brady sand. 199, 700 s C C  20/40 Arizona sand. 3 00 s c f  Producing or shut-in)  IGAS-OIL RATIO  OIL GRAVITY-API (CORR)
int Look PF @ 53  IF/Cliffho PF @ 49 wis w/ .3 PF @ 43 / Total H  E FIRST PI E OF TEST  6/1  W TUBING SI-66 I DISPOST S LIST OF .  Is is a M	out w/ .34" .88'-5688'= 2 ouse w/ .34' .42'-5333' = .4" diam26'-4530'= 2 loles = .62 .78  RODUCTION 7/11 - GRS T 6/11 .3 PRESS. 63psi TION OF GAS ( ATTACHMENTS	PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION FLC HOURS TESTED  1hr. CASING PRESSURE Sold, used for fuel, vente To be sold Dakota comming	CHOKE SIZE  1/2"  CALCULATED  24-HOUR RATE  ad, etc.)	4326'  wwing, gas lift, pumping—s  PROD'N FOR TEST PERIOD  OIL—BBL  0	- 4530'  ize and type of pum  BBL  0  GASMCF  220 mcf	Acidize w/ 10 bbls bbls 70Q slickwat Frac w/ 75% Visco  GAS-MCF  9 mcf / h  WATER-B	Elasti V2.	CL & 41 bbls in w/90,322# c N2: /, c w/55,098# : 1,3 8 9  WELL STATUS (   SI -R-BBL	acid. Frac w/ 2644 of 20/40 Brady sand. 199, 700 s c f  20/40 Arizona sand. 3 00 s c f  Producing or shut-in)  IGAS-OIL RATIO
nt Look PF @ 53 F/Cliffho PF @ 49 vis w/ .3 PF @ 43 Total H  E FIRST PI E OF TEST  6/16 W TUBING DISPOST LIST OF is is a M	out w/ .34" .88'-5688'= 2 ouse w/ .34' .42'-5333' = .4" diam26'-4530'= 2 loles = .62 .78  RODUCTION .7/11 - GRS .63 psi .TION OF GAS ( .ATTACHMENTS	PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION PRODUCTION FLC HOURS TESTED  1hr. CASING PRESSURE Sold, used for fuel, vente To be sold Dakota comming	CHOKE SIZE  1/2"  CALCULATED  24-HOUR RATE  ad, etc )  Ied well under  formation is complete	4326' wing, gas lift, pumping—s PROD'N FOR TEST PERIOD OIL—BBL 0 DHC Order 3522A and correct as determine	- 4530'  ize and type of pum  BBL  0  GASMCF  220 mcf	Acidize w/ 10 bbls bbls 70Q slickwat Frac w/ 75% Visco  GAS-MCF  9 mcf / h  WATER-Bi  // d	Elasti V2.	CL & 41 bbls in w/90,322# c N2: /, c w/55,098# : 1,3 8 9  WELL STATUS (   SI -R-BBL	acid. Frac w/ 2644 of 20/40 Brady sand. 199, 700 s C C  20/40 Arizona sand. 3 00 s c f  Producing or shut-in)  IGAS-OIL RATIO  OIL GRAVITY-API (CORR)

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API#3003930985			San Juan 29-6 Unit 61M		
Ojo Alamo	2320'	2492'	White, cr-gr ss.	Ojo Alamo	2320'
Kirtland	2492'	3119'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2492'
Fruitland	3119'	3321'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3119'
Pictured Cliffs	3321'	3463'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3321'
Lewis	3463'	4117'	Shale w/siltstone stringers	Lewis	3463'
Huerfanito Bentonite	4117'	4324'	White, waxy chalky bentonite	Huerfanito Bent.	4117'
Chacra	4324'	5096'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4324'
Mesa Verde	5096'	5194'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5096'
Menefee	5194'	5508'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5194
Point Lookout	5508'	5996'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5508'
Mancos	5996'	6771'	Dark gry carb sh.	Mancos	5996'
Gallup	6771'	7487'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6771'
Greenhorn	7487'	7545'	Highly calc gry sh w/thin lmst.	Greenhorn	7487'
Graneros	7545'	7597'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7545
Dakota	7597'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7597'
Morrison		-	Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	-

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