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(October 1990)

UNITED STATES PARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE*	FOR APPROVED
(See other In-	OMB NO. 1004-0137

structions on 7/17

-1 -					L THE HATER		reverse side) [E' DEACE DESIGNAT	5 LEASE DESIGNATION AND SERIAL NO			
	BUREAU OF LAND MANAGEMENT								Jicarilla Contract Mile 27			
<u>-LI (</u>	COMPI	FTION OR	RECO	MPI F	TION REP	ORT AND	LOG*	6 /JE'INDIAN ALLOT	TEE OR TRIBE NAME			
WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 1a TYPE OF WELL: OIL WELL X DRY Other 210							FA dicarilla Apache					
		WELL	WELL	X	DRY Other			7. "UNIT/AGREEMEN"				
TYPE OF	F COMPLE	LION.						ווייייייייייייייייייייייייייייייייייייי	NM			
	NEW X	WORK DEEP	PLUG BACK		DIFF RESVR Other			8 FARM OR LEASE	NAME, WELL NO			
		J 01211 2.1		· —				Jicarilla A #	6F			
NAME O	F OPERAT	OR						9 API WELL NO				
CDX RIO, LLC								30-039-29644				
3 ADDRESS AND TELEPHONE NO.									10 FIELD AND POOL, OR WILDCAT			
2010 Afton Place, Farmington, New Mexico 87401 (505) 326-3003 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*								Blasco-Mesaverde/Basin Dakota 11 SEC, T, R, M, OR BLOCK AND SURVEY				
t surface		15 (<i>Report location ci</i> 15 FNL, 1900' FWI		accordar	nce wiin any State i	requirements)		OR AREA	ON BLOOK AND CONVEY			
		, , , , , , , , , , , , , , , , , , , ,										
t top pro	rod interval	reported below						ı				
t total de	denth			N.S	SL-5378, DHC-22	249az		Sec. 20, T-	26-N, R-5-W			
··· total d	Jopui				JE 0070, D110 22	L-70UL		300.20,1	Geo. 20, 1-20-N, 11-3-W			
				14.	PERMIT NO	DATE ISSUE	ED .	12 COUNTY OR	13. STATE			
						1		PARISH Rio Arriba	New Mexico			
ATE SPU	UDDED 116	DATE TO REACHE	D 117. E	DATE CON	MPL (Ready to prod.)	<u> </u>	18 ELEVATIONS (DF, I		19 ELEV CASINGHEAD			
3-3-06		9-9-06	_	7-23-0			6608' GR, 6					
	EPTH, MD &T		BACK T.D , MI		22 IF MULTIPLE CO		23 INTERVALS	ROTARY TOOLS	CABLE TOOLS			
4051					HOW		DRILLED 8Y	10 74051	1			
495'	TION INTERV	7467 AL (S) OF THIS COMPL		MOTTOR	NAME (MD AND TVD)	2	L	0-7495' 25. WAS DIRE	CTIONAL			
. (0000)	TION INTERIOR	AL (3) OF THIS COMPL	L11011-101 , L	50110101,	TOTAL (IND MILD TOD)	,		SURVEY				
	460' Dakot		nmingled w	//Mesav	rerde							
YPE ELEC JBL-CC		OTHER LOGS RUN						27. WAS WELL CORED NO)			
	or an				CASING RECORD	(Report all string	s set in well)					
SING SIZ	ZE/GRADE	WEIGHT, LB./FT.	DEPTH S		HOLE SIZE	<u> </u>	MENT, CEMENTING REC	ORD .	AMOUNT PULLED			
5/8"		36# K-55	309,		12 1/4"	333 cu.ft.						
711		26# N-80	3413'		8 3/4"	914 cu.ft.						
						 			· · · · · · · · · · · · · · · · · · ·			
	 .	LINER R	ECORD			30.		TUBING RECOF	RD			
ΙŻΕ	TOP (MD)		SACKS C	EMENT"	SCREEN (MD)	SIZE	DEPTH SET		PACKER SET (MD)			
1/2"	2976'	7494'	885 cu		 	2 3/8"	7328'					
						(SN @ 7327)						
		RD (Interval, size and nu			32			, CEMENT SQUEEZE				
	w/1 SPF @ 7303-7305', 7311-7313', 7342-7368',				7303-7460°	ERVAL (MD)		JNT AND KIND OF MATERIAL USED gel, 221,600# 20/40 Ottawa sd,				
/1 SPF	460' 60 hal	7440-7460' 60 holes w/0.38" diameter holes total										
/1 SPF	460' 60 hol	es w/0.38" diamet					39.000# tempered	LC sd				
/1 SPF	460' 60 hol	es w/0.38" diamet					39,000# tempered	LC sd				
/1 SPF	460' 60 hol	es w/0.38° diamet					39,000# tempered	LC sd				
//1 SPF /440-74			CTION METH	OD (Flowi	PI	RODUCTION			(Producing or shut-in)			
v/1 SPF 7440-74	460' 60 hol		CTION METH	OD (<i>Flowi</i> Flowir	ng, gas lift, pumpings				(Producing or shul-in)			
v/1 SPF /440-74	RODUCTION		CTION METHI	Flowin	ng, gas lift, pumpings ng OD'N FOR OIL-E	size and type of pun		WELL STATUS	(Producing or shut-in)			
V/1 SPF 440-74 FIRST PRO	RODUCTION	PRODU	CHOKE SIZI	Flowin	ng, gas lift, pumping-s ng OD'N FOR OIL-E BT PERIOD	size and type of pun	GAS-MCF	WELL STATUS SI WATER-BBL				
7/1 SPF 440-74 FIRST PRODE TEST 8-07	RODUCTION	PRODU		Flowing PROTES	ng, gas lift, pumpings ng OD'N FOR OIL-E	size and type of pun	p)	SI WATER-BBL 0.8 BW				
/1 SPF 440-74 IRST PRO F TEST 8-07 TUBING	RODUCTION	PRODU HOURS TESTED 1 CASING PRESSURE	CHOKE SIZE	Flowing PROTES	ng, gas lift, pumping-sing DD'N FOR OIL-E ST PERIOD 5.5 DIL-BBL	GAS-MCF	GAS-MCF 114 MCF/D WATER-B	SI WATER-BBL 0.8 BW	GAS-OIL RATIO			
440-74 HAST PROPERTY TUBING	RODUCTION	PRODU HOURS TESTED	2" CALCULATE 24-HOUR RA	Flowing PROTES	ng, gas lift, pumping—sing DD'N FOR OIL—E ST PERIOD 5.5	size and type of pun	GAS-MCF	SI WATER-BBL 0.8 BW	GAS-OIL RATIO OIL GRAVITY-API (CORR)			
//1 SPF 440-74 FIRST PRODE TEST -8-07 TUBING	RODUCTION	PRODU HOURS TESTED 1 CASING PRESSURE SI 2115	2" CALCULATE 24-HOUR RA	Flowing PROTES	ng, gas lift, pumping-sing DD'N FOR OIL-E ST PERIOD 5.5 DIL-BBL	GAS-MCF	GAS-MCF 114 MCF/D WATER-B	WELL STATUS SI WATER-BBL 0.8 BW BL	GAS-OIL RATIO OIL GRAVITY-API (CORR)			
V/1 SPE 7440-74 FIRST PRO OF TEST 3-8-07 TUBING IS 590 DISPOSITIO	RODUCTION	PRODU 1 CASING PRESSURE SI 2115 Sold, used for fuel, venil To be sold	2" CALCULATE 24-HOUR RA	Flowing PROTES	ng, gas lift, pumping-sing DD'N FOR OIL-E ST PERIOD 5.5 DIL-BBL	GAS-MCF	GAS-MCF 114 MCF/D WATER-B	WELL STATUS SI WATER-BBL 0.8 BW BL	GAS-OIL RATIO OIL GRAVITY-API (CORR)			
FIRST PROPERTY OF TUBING IS 590 ISPOSITE	PRESS TON OF GAS	PRODU IHOURS TESTED 1 CASING PRESSURE SI 2115 (Sold, used for fuel, veni	CHOKE SIZE 2" CALCULATE 24-HOUR RA	Flowing Flowin	ng, gas lift, pumping—sing DD'N FOR OIL—E ST PERIOD 5.5 DIL—BBIL 132 BOPD	GAS-MCF	GAS-MCF 114 MCF/D WATER-B	WELL STATUS SI WATER-BBL 0.8 BW BL	GAS-OIL RATIO OIL GRAVITY-API (CORR.) SED BY RCUD AUG 14:0 OIL CONS. DIV.			
I 590	PRESS TON OF GAS	PRODU HOURS TESTED 1 CASING PRESSURE SI 2115 (Sold, used for fuel, venit To be sold None pregoing and attached in	CHOKE SIZE 2" CALCULATE 24-HOUR RA ed, etc.)	Flowing Flowin	ng, gas lift, pumping—sing DD'N FOR OIL—E ST PERIOD 5.5 DIL—BBIL 132 BOPD	GAS-MCF	GAS-MCF 114 MCF/D WATER-B	WELL STATUS SI WATER-BBL 0.8 BW BL	GAS-OIL RATIO OIL GRAVITY-API (CORR)			
I 590	PRESS TON OF GAS	PRODU HOURS TESTED 1 CASING PRESSURE SI 2115 (Sold, used for fuel, venit To be sold None pregoing and attached in	CHOKE SIZE 2" CALCULATE 24-HOUR RA	Flowing Flowin	ng, gas lift, pumping—sing DD'N FOR OIL—E ST PERIOD 5.5 DIL—BBIL 132 BOPD	GAS-MCF	GAS-MCF 114 MCF/D WATER-B	WELL STATUS SI WATER-BBL 0.8 BW BL TEST WITNESS	GAS-OIL RATIO OIL GRAVITY-API (CORR.) SED BY RCUD AUG 14:0 OIL CONS. DIV.			

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.

AUG 1 3 2007

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energy. This form is designed for submitting a complete and correct well completion report and log on all types of lands and leages to either a Federal agency or a State agency. both rurryant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be should describe the state of th ad/or State office. See instructions on items 22 and 24 and 33 below regarding separate reports for separate completions.

my of State values of the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formaon and pressure tests and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

lould be listed on this form, see item 35.

am 4: If there are no amplicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State · Federal office for specific instructions.

em 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22. and in item 24 show the producing ems 22 and 24: If this wen is completed for separate production from more than one interval zone (mutiple completion), so state in item 22, and in item 24 show the producing terval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, reach additional interval to be separately produced, showing the additional data pertinent to such interval.

em 27: "Sacks Coment": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

em 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 shove.)

SHOW ALL IMPORTANT ZONES DEPTH INTERVAL TESTED, CUI	SHION USED	S THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING EN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	38. GEOLOGIC MARKERS			
POR MATION TOP		воттом	DESCRIPTION, CONTENTS, ETC.	NAME	, TOP	
_					s. depth true vert. dept	
		-				
Ojo Alamo	2282'	2653'	White, cr-gr ss.			
Kirtland	2653'	2890'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	2890'	3065'	Dk gry-gry carb sh, coal, grn silts, light-	Ojo Alamo	2282'	
			med gry, tight, fine gr ss.	Kirtland	2653'	
		*		Fruitland	2890′	
¿Pictured Cliffs	3065'	3153′	Bn-Gry, fine grn, tight ss.	Pictured Clift	fs 3065′	
Lewis	3153'	3528'	Shale w/siltstone stringers	Lewis	3153′	
				Huerfanito Ber	nt. 3528'	
Huerfanito Bentonite	* 3528'	י 3970	White, waxy chalky bentonite	Chacra	י 3970	
Chacra	3970'	4730'	Gry fn grn silty, glauconitic sd stone	Cliff House	4730'	
			w/drk gry shale	Menefee	4801'	
Cliff House 4730' 4		4801'	ss: Gry, fine-grn, dense sil ss.	Pt.Lookout	5233'	
				Mancos	5459'	
Menefee	4801'	5233'	Med-dark gry, fine gr ss, carb sh & coal	Gallup	6451'	
2•				Greenhorn	7215'	
Point Lookõut	5233'	5459'	Med-light gry, very fine gr ss w/frequent			
• •			sh breaks in lower part of formation	Graneros	7275'	
		-		Dakota	7299'	
Mancos	5459'	6451′	Dark gry carb sh.			
Gallup	6451'	7215′	silts & very fine gr gry ss w/irreg.interbed sh	1		
Greenhorn	7215'	7275'	Highly calc gry sh w/thin lmst.			
Graneros 😼	7275'	7299'	Dk gry shale, fossil & carb w/pyrite incl.		• .	
Dakota 🛴	7299′	7469'	Lt to dk gry foss carb sl calc sl silty			
·			ss w/pyrite incl thin sh bands clay & shale bre	eaks		
			\			

^{*}Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)