Form 3160-4

(October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE (See other in-structions on

FOR APPROVED

OMB	NO.	1004-	-0137
Expires:	Dece	ember :	31, 1991

				BURE	AU OF L	AND	MANAG	EMEN	1			ì ·	aniia Contract	-
WELL	OMD	IET	IONI OD	DEC	OMD	E.	TION	DED	ORT AND	10	C*		NDIAN, ALLOTTE	
			ON OR	KEC					OK! AND	20		1		
1a. TYPE O	r WELL;		WEL	- Ш	GAS WELL X		PER US	(P)	8 111	<u></u> ;	14	7 118	Jicarilla Apac	
b. TYPE O	F COMPLE	ETION:						_				, 0,	III AGREEMENT N	WIAIT.
	NEW T	X wo		-П	PLUG BACK		DIFF. RESVR.	\mathbb{R}	ECEIVED			8. FA	RM OR LEASE NA	ME, WELL NO.
	MEIT [△ ov	ER LI EN		BACK	ı	07	JFA	RMINGIO	N.	M	ļ	Apac Jicarilla/102#	
2. NAME C	F OPERA	TOR							-		<u></u>	9. AF	WELL NO.	
CI	DX RIO, I	LC								V40.	NY CO		30-039-29665	
3. ADDRES										110	11/1/197	10. F	ELD AND POOL, O	
20	10 Afton	Place,	Farmington	, New I	Mexico 87	7401	(505) 32	26-3003	requirements)*		<u> </u>	3/44 6		verde/Basin Dakota BLOCK AND SURVEY
4. LOCATE At surface		•	poπ ιοςαποπ α L, 965'FEL,	зеапу а	no in acco	wan	ice with an	y State		ALIC			DR AREA	BLOCK AND SURVEY
·	~	.00.0	2, 000 . 22 ,						T		2 " 4	3		
At top pr	od. interva								Per	鰛	des Arc	20		
At total o	tenth 6	060 84 FS	<i>2/00</i> SL, 2091 FEL	Section	nn 3. T-26	3-N.	R-4-W		Fri 1-hotel		J. July.		Section 3, T-2	26-N. R-4-W
·	opui a	JO4 1 C	, 200 II LL	, 0001	J O,	. · ·,			F-3	(Car	Š da 💃	73		,
NSL-53	68, NSL-	457A,	DHC-2251a:	Z		14.	PERMIT N	10 .	DATE ISSUE	D	J. 6		OUNTY OR	13. STATE
										2/200	D (1) (2) (1)	Rio A	PARISH Tiba	New Mexico
15. DATE SPU	JDDED 1	6. DAT	E T.D. REACHE	D	17. DATE (COMP	L. (Ready t	to prod.)		18 EL	EVATIONS (DF, RI			19. ELEV. CASINGHEAD
5-6-06			19-06		7-2	21-06	6				6880'GR,			
20. TOTAL DE		TVD	21. PLUG,	BACK T.	D., MD &TVI	D	22. IF MUL				TERVALS	ROTAR	Y TOOLS	CABLE TOOLS
7 <i>911</i> 8265' M			8243	MD				HOW M	2	ט	RILLED BY	0-826	F'	i
		VAL (S)	OF THIS COMPL		OP. BOTTO	M. NA	ME (MD AN	D TVD)*		<u> </u>		10-020	25. WAS DIRECT	I IONAL
							••••						SURVEY MAI	
	116' Mesa			mingled	w/Dako	ta	·					107 14/4	yes - see atta SWELL CORED	ched
26. TYPE ELE	CIRIC AND CL-GR, G											27. WA	No	
28.	سيند					C/	ASING RE	CORD (Report all strings	s set ir	well)	-	و و و و و و و و و و و و و و و و و و و	<u></u>
CASING SIZ	E/GRADE	WE	IGHT, LB./FT.	DEF	TH SET (M	_	HOLE				CEMENTING RECO	RD	AM	OUNT PULLED
9 5/8"		36			318'			2 1/4"	229 cu.ft.					
7"		26	#		4274'		8	3/4"	1379 cu.ft.					
		+		+		-								
29.			LINER F	RECORI	D		1		30.			ΤU	BING RECORD	
SIZE	TOP (MI)	BOTTOM (MD)		CKS CEMEN	-	SCREEN	V (MD)	SIZE		DEPTH SET (MD)	PA	CKER SET (MD)
4 1/2"	3998'	-	8263'	 7 2	24 cu.ft.				2 3/8"		8022'			
31 PERFORA	TION RECO	IRD (Inte	nal size and nu	mber)			32.		(SN @ 8021')		T, FRACTURE,	CEME	NT SOLIFEZE E	TC.
5526, 5535,		•			29. 5632.			PTH INTE	RVAL (MD)	5, 5, i.			KIND OF MATER	
5635, 5638,							5526-56			20,50	00 gal 20# x-lin	k gel, (50,500# 16/30	Brady sd
5945, 5981,														
6028, 6036, 6116' w/37 (84, 609	96, 6109,		5832-61	16'		60,00	00 gal 20# x-lin	k gel,	172,000# 16/3	D Brady sd
33.	.so ulan	ietei ii	oles total				L	PF	RODUCTION	<u> </u>				
DATE FIRST PR	ODUCTION		PRODU	CTION N	NETHOD (FI	owing,	, gas lift, pur		e and type of pump)				roducing or shut-in)
7-26-06				In total		wing		07. 5				14/4 75	Producing	(A) A (1) PATO
DATE OF TEST		HOU	RSTESTED	CHOK			D'N FOR PERIOD	OILBi	BL.	GAS-	-MCF	WAIE	R-BBL	GAS-OIL RATIO
7-26-06		1		<u> </u>	2"		>	<u> </u>						
FLOW. TUBING	PRESS.	CASI	NG PRESSURE		JLATED UR RATE	OiL	BBL		GAS-MCF		WATER-BBI	_		OIL GRAVITY-API (CORR.)
SI 1345		SI	1110	2410			32.5 BO	PD	144 MCF/D		47.5 BWPD			
34. DISPOSITI	ON OF GAS		sed for fuel, ven	led, etc.)									TEST WITNESSE	D BY
35 (167 OF 4	TACLISE		be sold										·	
35. LIST OF A	HAURIMEN	⊤s No	ne									•		
36. I hereby ce	rtify that the			formation	n is complete	and o	correct as de	etermined	from all available n	ecords				
(/	1_		١.,											
SIGNED Z	ance	1	ema	nn	qTITL	E _	Agent					DATE	8-8-06	
						-								

*(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 United States any false firstificum as smultipat at the past of United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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NSTRUCTIONS

or both, pursuant to applicable Federal and/or State laws and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant 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 submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 38, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent regulated by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal diffice for specific instructions.

Item 32: 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 interval, or intervals; top(s), bottom(s) and name(s) (if any) for only the interval are reported in item 38. Submit a separate report (page) on this form, adequately identified, or each additional interval.

Item 29: "Sacks Gement": Attached supplemental records for this well should show the details of any multiple competing and the location of the cementing tool. Herm 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUSED ALL IMPORTAL THE DEPTH INTERVAL THE	IS ZONES OF POSTED, CUSHION	USED, TIME TOOL OF	37. SUMMAKY OF POROUS ZONES; SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THERROF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DRIFTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPER, PLOWING AND SHUT-IN PRESSURES, AND EXCOPERIES	88. GEOLOG	GEOLOGIC MARKERS	
FORMATION	TOP	ROTTOM	Description, contents, etc.		TOP	
				NAME	HPAR DEFTH	TRUM VMRT. DMPTH
				Huerfanito Bent.	nt. 4158'	
Huerfanito Bentonite* 4158'	ite* 4158'	4635 '	White, waxy chalky bentonite	Chacra	4635	
Chacra	4635'	5447'	Gry fn grn silty, glauconitic sd stone	Cliff House	5447'	
			w/drk gry shale	Menefee	5615'	
Cliff House	54471	5615'	ss. Gry, fine-grn, dense sil ss.	Pt.Lookout	6060'	
				Mancos	6120'	
Menefee	5615'	6060'	Med-dark gry, fine gr ss, carb sh & coal	Gallup	7162'	
				Greenhorn	7803'	
Point Lookout	6060'	6120'	Med-light gry, very fine gr ss w/frequent		1	
			sn breaks in lower part of formation	Graneros	,086/.	
		.		Dakota	7998'	
Mancos	6120'	7162'	Dark gry carb sh.			
Gallup	7162	7803′	silts & very fine gr gry ss w/irreg.interbed sh	sh		
Greenhorn	7803	7980'	Highly calc gry sh w/thin lmst.			
Graneros	7980'	7998'	Dk gry shale, fossil & carb w/pyrite incl.			
Dakota	7998'	8265	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	reaks		V
				\$ 6		

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