Form 3160-4
• (August 1999)

la. Typc ofWell

Oil Well

X Gas Well

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Dry

Other

			FOR	M A	PPRO	VED							
	OMB NO.1004-0137												
	Expires: November 30, 2000												
į	5.												
			NM:	SF	- 080	0917							
=	6.	If	ndian, Allo										
7	Ĭ 1	2"	naian, 7tho		01 1110	c mane							
Ĺ	7.	L	it or CA A	****	mont N	ame and No.							
	٧.	UII	II OF CA A	greer	IKIIC IN	and and No.							
	<u> </u>												
J	8.	d Le	ase Name a	nd V	Vell No	).							
•	l ' '					LS 4M							
	<del> </del>	_			<u>C D</u>	LS TIVI							
_	9.	Ar	'I Well No.										
	<u> </u>			_	<u>5-32</u>								
	10.		ld and Poo	_									
_						anco MV							
	11.	-Se	e., T., R., N	10	n/Bloc	k & Survey or Area							
	l		Sec 05	T3	30N I	R10W							
	12.	Co	unty or Par			13. State							
			San Jua			NM							
	17.	Ele	evations (D	F, R	KB, R'	r, GL)*							
				<u> 522</u>	1' GI	R							
3ri	dge i	Plug S	et: MI	D									
			TV	'D									
	W	No	ļ	res (	(Submi	t analysis)							
		No		res (	(Submi	t report)							
?		X	No		Ye	es (Submit report)							
		-		-									
′o													
)		C	ement Top*	. '	Аг	nount Pulled							
_			0										
_		TO	C @: 25	90'	per (	CBL 3/7/06							
_			2600'		PVI								
_			2000										
_		<u> </u>											
					├								
_					Ь								
		<u> </u>											
Siz	e	$\dashv$	Depth Set	(MD	<del>"  </del> -	Packer Depth (MD)							
			<u>,</u> -										
	Т	N1.	Holos	1		Darf Status							
_	╀	NO.	Holes	╀		Perf Status							
_	+-			╀									
	+-			+									
	1			╄									
	L												
160% QUALITY FOAM & N2													
_													
_	_			_									
		Produ	uction Metho	od		<del></del>							
		Flo	ws،تانات	$ \mathcal{F}_{y} $	ا ت	C.C. (400)							
	2			-									
ر	3			<b>.</b>	_ ^	7 0000							
•		-7	<i>p</i>	P	3	7 2006							

b. Type of C	ompletion:	X N Oth	ew Well 📗 er	Work (	Over	Deepen	<b></b> 2[	Beer ]	21	Diff: Resvr,	4 1	Unit or CA	greem	ent Name and No.
2. Name of O	perator		<del>_</del> _				<del></del>		REC	EIVED	┪_			
BP An	ierica Pro	duction	Company	Attn:	Cherry	Hlava				HNGTO	.! 8.!	Lease Name	and W	ell No.
3. Address						3a. Phone	No. (include a	- 010-1			7	ATLN	ATIC	CBLS 4M
P.O. Box	3092	Houst	on, TX 772	253			366-4081	,			9.	API Well No	 ).	
4. / Location of	ofWell (Report		arly and in acco		h Federal re						٦	30	-045	-32826
At surface	930' FSI	L & 2470'	FWL								10	Field and Po	ol, or E	xploratory
										/	1_			Blanco MV
At top pro	d. Interval rep	orted below									117			Block & Survey or Area
										/	<u> </u>			<u> </u>
At total de	pth SAM	E AS ABO	OVE							/	12.	County or Pa		13. State
D 7	S 3.5: 5"		111				Dec. (				17.	San Ju		NM B, RT, GL)*
14. Date S	Spudded		15. Date	T.D. Reacl	ned		16. Date 0	Completed X	Ready	y to Prod.	17.	Elevations ()	Jr, KK	B, K1, GL)*
	2/16/2006			3/2/2	2006					7/2006			6221	'GR
18. Total	Depth: M		7490'	19. P	lug Back T.E	D.: MI		7487'		20. Depth I	Bridge 1		ИD	
	T\		7490'	<u> </u>		TV	D 7	7487'	l		1. 5		VD	
21. Type l	Electric & Othe	er Mechanic	al Logs Run (Sui	omit copy o	of each)			22.		s well cored?	四两	No 🛄		ubmit analysis)
RST & C	'RI									s DST run? ectional Survey		No L	res (S	ubmit report) Yes (Submit report)
		Record (R	eport all string	es set in v	vell)				Dire	ectional Survey	<u>'</u>	A NO	4-4	res (Submit report)
		1	]	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Stas	ge Cementer	No. of Sks.	& Tv	pe Slurry V	ol.	<del></del>	$\Box$	
Hole Size	Size/Grad	e Wt.	(#/ft) Top (	MD) B	ottom (MD)		Depth	of Cen		(BBL		Cement Top	,•	Amount Pulled
12 1/4"	9 5/8" H-	40 32	.3 (		226'			75				0		
8 3/4"	7"J/K55&N-8	RO <b>20</b> -	23# (		4785			845	5				590' <u>r</u>	oer CBL 3/7/06
6 1/4"	4.5" J-5	5 11	.6 (		7489'			383	3			2600'	$\dashv$	
		_						ļ					$\rightarrow$	
								<b>_</b>		_			$\rightarrow$	
	<u> </u>							<u> </u>				·		
	g Record	(MD)	De els es De est	(147)	C:	T 5	4. C. (MD)	De aleas D	4h (1	VD) (	?i	Donth Co	· (MD)	Packer Depth (MD)
Size 2 3/8"		set (MD)	Packer Depth	(MD)	Size	Dep	th Set (MD)	Packer D	epin (i	MID) .	Size	Depth Se	i (MID)	Packer Deput (MD)
	cing Intervals	-				26.	Perforation R	Record						
	Formation		Тор		Bottom		Perforated I	interval		Size	工	No. Holes	工	Perf Status
A)	Basin Dako	ta	7194'		7421'		7194' - 1	7421'		3.125"			Д_	
В)													╀	
C)													+	
D)														
		ment, Ceme	ent Squeeze, Etc.							···				
	Depth Interval 94' - 7421	. —	25 000# 40	(70 D	C	0.350	000 L DC	Amount and T	ype of	f Material	1 (00	/ OUAL IT	rv E	OAM P. NO
	94 - /421		25,000# 40	//U Bac	ager Sno	& 250	,000 LBS	10/30 C-	·LII	E SND II	00%	O QUALIT	YF	OAM & N2
		-		<del></del> -										<del></del>
28. Prodi	uction - Inter	val A										*		
Date first	Test	Hours	Test	Oil	Gas			il Gravity		Gas		Production Met	nod	
Produced	Date	Tested	Production	BBL	MCF	BB	sr  C	orr. API		Gravity				the representative and a second
3/21/2006	3/16/06	12	174 5-	trac		72	trace	38 ( ( 10 )		July 1		Flows.	-12 N	
Choke Size	I bg. Press Flwg. SI	Csg. Pre	24 hr. ss. Rate	Oil BBL	Gas MCF	BE		atio	J c	Well Status				i
3/4"		257	$\longrightarrow$	$\cdot$	-		ļ	(A)	,	[ <\hat{\sigma} \)	۵ تورا وگر		APR	0 7 2006
	uction - Inter							100	Â	PR 2008	- 57	3	1.41 11	
Date first	Test	Hours	Test	Oil	Gas		ater O	n Gravity	F	Gas		Production Met	nod 📜	NMEDICATION
Produced	Date	Tested	Production	BBL	MCF	BE	BL C	10	L.	Gravity )		FJ —		9
Choke	Tbg. Press	<u> </u>	24 hr	100			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-	13:	DIN	1.	<b>妈</b>		
Choke Size	Flwg. SI	Csg. Pre	E	Oil BBL	Gas MCF	BE	ater G	as Oil	. mer () (	Well Status	$\hat{\mathcal{L}}_{\mathcal{D}}$	3		
	}	}	$\rightarrow$	•				The same	>,.	1		1		
(See instruction	ons and spaces	for additio	nal data on reve	rse side)		L	L		€ 31	25787862	-		- A	<b>元</b>
									- Andrew	TATAL TATAL		Mark	10C	IJ

ate first oduced							Oil Gravity	Gas				
	B	Hours Tested	Production	BBL	Gas MCF	Water BBL	Corr. API	Gravity	Production Method			
ke	Tbg. Press	ļ	24 hr.	Oil	Gas	Water	Gas ! Oil	Well Status	_l			
	Flwg. SI	Csg. Press.	Rate	BBL	MCF	BBL	Ratio	Wen Status				
		ŀ										
	Production - Inter											
e firs		Hours Tested	Test Production	BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	l		
		1	$\longrightarrow$		- {				-			
okc	Tbg. Press	╁	24 hr.	Oil	Gas	Water	Gas : Oil	Well Status				
e	Flwg. SI	Csg. Press.	Rate	BBL	MCF	BBL	Ratio					
				<u> </u>				_L				
	Disposition of Gas (	sold, used for f	uel, vented, et	c.)								
Vented / Sold  Summary of Porous Zones (Included Aquifers):								31. Formation (Log) Markers				
30. Summary of Porous Zones (Included Aquiters): Show all important zones of porosity and contents there					ored intervals a	nd all drill-stern t	etes	31. Formation	(Log) Markers			
	including depth inter	,	-									
	recoveries.											
	Formation	Тор	Bottom	T	Dec	criptions, Conte	nte atc		Name	Тор		
	1 Ornation	1 op	DOLLOIN			criptions, Conte	, 610.			Meas. Dept		
				1				Pictured	Cliffs	2821'		
				Į				Lewis		3038'		
				Ì				Navajo C	•	3629'		
								Chacra (	<b>Utro</b>	3867'		
		1						Otro 2	_	3976'		
								Cliff Hou		4335'		
				1				Cliff House	9	4444'		
								Menefee	4	4650'		
				- 1				Pt Lookou	τ	5061'		
				1				Mancos		5205'		
		1	1	- 1				Graneros		7079'		
								Graneros		7138'		
				- 1				Dakota		7190'		
								Encinal Ca	inyon	7395'		
	Additional Pamarka	(including plu	aaina neooaduu	.c)								
	Additional Remarks			al cem	ent need	is to be a	ccomplishe	d within a six	x month tim	e frame.		
3/20	0/06 Per Jin	1 Lovato	remedi	al cem								
3/2(	0/06 Per Jin	1 Lovato	remedi		2.	Geologic Repo		ST Report	x month tim  4. Directional Surve			
3/2(	O/06 Per Jin  Circle enclosed atta  1. Electrical/Mech. 5. Sundry Notice for	1 Lovato  chments  anical Logs (1)  or plugging and	remedi full set req'd) d cement verifi	cation	2. 6.	Geologic Repo Core Analysis	ort 3. D 3. C	PST Report Other:	4. Directional Surve			
3/2(	O/06 Per Jin  Circle enclosed atta  1. Electrical/Mech. 5. Sundry Notice for	1 Lovato  chments  anical Logs (1)  or plugging and	remedi full set req'd) d cement verifi	cation	2. 6.	Geologic Repo Core Analysis	ort 3. D 3. C	ST Report	4. Directional Surve			
3/20	O/06 Per Jin  Circle enclosed atta  1. Electrical/Mech. 5. Sundry Notice for	chments anical Logs (1) the foregoing a	remedi full set req'd) d cement verifi	cation formation is	2. 6.	Geologic Repo Core Analysis	ort 3. D 3. C mined from all avails	PST Report Other:	Directional Surve  d instructions)*			
3/20	O/06 Per Jin  Circle enclosed atta  1. Electrical/Mech. 5. Sundry Notice for  I hereby certify that  Name (please print)	chments anical Logs (1) or plugging and the foregoing a	full set req'd) I cement verifi	cation formation is	2. 6.	Geologic Repo Core Analysis	ort 3. D 3. C mined from all avails	OST Report Other:  able records (see attache Regulatory 4	Directional Surve  d instructions)*			
3/2(	O/06 Per Jin  Circle enclosed atta  1. Electrical/Mecha  5. Sundry Notice for	chments anical Logs (1) the foregoing a	full set req'd) I cement verifi	cation formation is	2. 6.	Geologic Repo Core Analysis	ort 3. D 3. C mined from all avails	ST Report other: hble records (see attache	Directional Surve  d instructions)*			
3/2(	O/06 Per Jin  Circle enclosed atta  1. Electrical/Mech. 5. Sundry Notice for  I hereby certify that  Name (please print)	chments anical Logs (1) or plugging and the foregoing a	full set req'd) I cement verifi	cation formation is	2. 6.	Geologic Repo Core Analysis	ort 3. D 3. C mined from all avails	OST Report Other:  able records (see attache Regulatory 4	Directional Surve  d instructions)*			

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## Atlantic B LS 4M 30-045-32826

## New Drill (DK) Subsequent Report 03/23/06

**3/6/06** PRES TST 4.5" CSG. 4500 PSI. ALL HELD OK FOR 15 MIN. RU & RUN RST LOG 7420' – 2600'.

3/7/06 RUN CMT BOND LOG 7410' – 2400'. FOUND TOP @2590'.

3/8/06 TiH & PERFORATED THE DAKOTA FROM 7,421  $^{\circ}$  TO 7,194  $^{\circ}$  W/ 4 - JSPF. RIG UP & PUMPED DOWN CASING @ 65 BBLS. / MIN. USING SCHLUMBER CLEAR FRAC , 4 % KcL WATER,AND 25,000 LBS. OF 40/70 BADGER SAND PAD. WITH 250,000 LBS. OF 16/30 C-LITE SAND, ALL WERE PUMPED IN A 60 % QUALITY FOAM AND N2. ALSO THE LAST 140,000 LBS OF SAND WAS TREATED WITH SCHLUMBERGER PROPNET.

3/10/06 FLOW TO PIT. HEAVY FOAM & WTR. NO SND ONLY N2

3/16/06 FLW TEST 12 hrs @1972 MCF.

3/17/06 TIH & LAND TBG @7412'.