Form 3160-4 (August 1999)

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

FORM APPROVED
OMB NO.1004-0137
Expires: November 30, 2000

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG											5.	5. Lease Serial No.  SF-078096				
la. Type of Web. Type of Co		Oil Well	X Gas W	cil Work	Dry Over	O Deep	ther en	Plug	g Back 7 [	n Dif	f. Rešvr,.	If Ind	ian, Allottee			
		Oth	er					LUU		<del></del>	7.	Unit	or CA Agree	ment Na	amc and No.	
2. Name of Op						_			$\bar{n}$	EOE	NZ0 _					
BP America Production Company Attn: Cherry Hlava 070 FARMINGTO											8.	8. · · : Lease Name and Well No.				
3. Address 3a. Phone No. (include area code)												Mudge LS 7N				
P.O. Box	3092	Houst	on, TX 77	253		28	1-366-408	1_			9.	ŧ				
	fWell (Report i		•	ordance w	ith Federal req	uireme	ents)*				Į.			15-327		
At surface	2040' FS	L & 1945	' FWL								10.	Field	and Pool, o	-	=	
At top prod. Interval reported below											11.	Basin Dakota  11. Sec., T., R., M., on Block & Survey or Area  Sec 23 T31N R11W				
At total depth SAME AS ABOVE											12.					
14. Date S	pudded		15. Dat	T.D. Rea	ched				npleted		17.		tions (DF, I	RKB, RT		
	9/3/2005		l	9/30	/2005		│┕┛°	& A		ady to 0/25/			57	95' GF	2	
18. Total I		,	7112'		Plug Back T.D	.:	MD	708		20.	Depth Bridge	Plug Set:	MD		<del></del>	
	TV	D '	7112'				TVD	708	80'				TVD			
21. Type F	Electric & Other	r Mechanica	al Logs Run (S	ıbmit copy	of each)				1		il cored?		=		t analysis)	
RST & C	DI								i i	Was DS	-	376		7	t report) es (Submit report)	
	g and Liner F	Record (Re	port all stri	os set in	well)					Directio	nal Survey?	A	0	1 6	s (Submit report)	
Hole Size					Bottom (MD)		Stage Cementer Depth		No. of Sks. & Type of Cement		Slurry Vol. (BBL) Cem		nt Top* Amount Pulled		nount Pulled	
13 1/2"	9 5/8" H-4			0	320'		Бериг		256				0			
8 3/4"	7" J-5	5 2	0	0	2729'				401			0				
6 1/4"	4.5" P-11	0 11	.6	0	- <del>7190'</del>	711	09	┵	410			3040'c	r higher	<b>\</b>		
								4								
						+		+	···			<b>-</b>		<del> </del>		
24 T. E.	Donal		L									<u> </u>		Ц.,		
24. Tubing	Record Denth s	et (MD)	Packer Dep	b (MD)	Size	$\overline{}$	Depth Set (MD)	, [	Packer Dept	h (MD)	Size	D	epth Set (M	D) T	Packer Depth (MD)	
2 3/8"	69		. went. Dep	(2)	0.50	1		$\top$								
25. Produc	ing Intervals					26.										
. D	Formation	<u> </u>	Top		Bottom		Perforated Interval			Size 3.125"		No. Holes		Perf Status		
A) Basin Dakota		ta	6823'		6990'	6990		6823' - 6990'			3.125		31112		3	
B) C)						+	<del> </del>								300	
D)				_		十					<del></del>	Mo	Wh	- <del>532</del>		
	Fracture, Treatr	ment, Ceme	nt Squeeze, Et	<b></b> :.								R.	ARC	a a a a a a		
	Depth Interval							Am	ount and Typ	e of Ma	terial	100 G	UL COR	-IVEN		
68	23' - 6990'	•	115,500#	20/40 C	C-LITE SA	ND	IN 65% C	QUA	ALITY F	OAN	1 & N2	100	DIST	S. D	<u>, 3</u>	
												Parcy.		<u>a</u>	<i>o o</i>	
												_\\(\alpha\)			<del></del>	
													WE A	1191	<u>ZIII.</u>	
28. Produ	iction - Interv	ral A	Test	Oil	Gas		Water	Oil G	ravity	Gas		Producti	on Method	he bar		
Produced	Date	Tested	Production	BBL	MCF			Corr.		Gra		I TOGOCII	on wemou			
est10/26/05		12		► tra	ace 12	50	trace			_l_		Flow	s			
Choke Size	Tbg. Press Flwg. SI	Csg. Pres	24 hr. s. Rate	Oil BBL	Gas MCF		Water BBL	Gas: Ratio		We	II Status					
3/4"		30	<u> </u>	<u> </u>		-				<u> </u>			ACCEP	TED	FOR RECORD	
Date first	iction - Interv	Hours	Test	Oil	Gas		Water		ravity	Gas		Producti	n Method	07 (	2 2005	
Produced	Date	Tested	Production	BBL	MCF		BBL.	Corr.	, API	Gra	vity		1			
Choke	Tbg. Press		24 hr.	Oil	Gas	_	Water	Gas	.00			<u>L</u>	FARM	<del>INGTO</del>	<del>ik fielu office</del>	
Size	Flwg. SI	Csg. Pres		BBL	MCF			Ratio		We	II Status		BY	els		
			_  <del></del> >	<b>&gt;</b>						-						
(See instruction	ms and spaces	for addition	nal data on re	erse side)									MARC	للمالا		

roduced	duction - Inte	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method		
	Date	Tested	Production	вві.	MCF	BBL.	Corr. API	Gravity			
			<b> </b> →	1			1				
hoke	Thg. Press	Con Bo	24 hr.	Oil	Gas MCF	Water BBL	Gas : Uil Ratio	Well Status			
ize	Flwg. SI	Csg. Press.	Rate	BBI.	MCF	15151.	Lau0	1			
		<u> </u>		<u> </u>					<del> </del>	_ <del></del>	
8c Proc	duction - Inte	rval D Hours	Tien	I/Ni	10%	Water	Oil Gravity	Gas	10		
rate first roduced	Date	Tested	Test Production	BBL	Gas MCF	BBL	Corr. API	Gravity	Production Method		
	1	1	>	}		1	}				
hoke	Thg. Press	<del> </del>	24 hr.	Oil	Gas	Water	Gas : Oil	Well Status			
ize	Flwg. St	Csg. Press.	Rate	881.	MCF	BBL.	Ratio	ŀ			
			<b></b>								
9. Disp	osition of Gas	(sold, used for fi	ael, vented, etc	.)							
Vente	ed / Sold										
0. Sum	mary of Porous	Zones (Include	d Aquifers):					31. Formation	on (Log) Markers		
Shov	w all important	zones of porosit	y and contents	thereof: Co	red intervals an	d all drill-stem	tests,				
		rval tested, cush	iion used, time	tool open, f	lowing and shu	t-in pressures a	ind				
reco	veries.										
For	rmation	Тор	Bottom		Dage	riptions, Conte	nis etc		Name	Top Meas. Dept	
FO	тимист	Тор	Bottom		Desc	riptions, Conte	ms, cu.				
								Chacra 1	<del></del>	3485'	
				1				Chacra 2		3589'	
		1	1					Cliff Hou	se	3887'	
			Ţ					Manefee		4231'	
		1	Ī	İ				Pt. Look	out	4657'	
			ļ	- 1				Mancos		5040'	
				-				Greenho	rn	6705'	
		<b>[</b>	1	- 1				1		1	
				ľ				Graneros		6763'	
		1		1				Two Wel	IS	6820'	
			ŀ	l l				Paguate		6905'	
				ľ				1			
			ļ	İ							
2. Add	itional Remarks	(including plug	ging procedur	<u>-</u>	<u> </u>				<del></del>		
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33. Circ	le enclosed atta	A									
33. Circ 1. I	Electrical Mech	anical Logs (16				Geologic Repo		DST Repoπ	4. Directional Survey	,	
13. Circ 1. I	Electrical Mech	A		ation		Geologic Repo Core Analysis		DST Report Other:	4. Directional Survey	,	
33. Circ 1. I . 5. 5	Electrical Mech	anical Logs (If or plugging and	cement verific		6.	Core Analysis	3.	Other:			
33. Circ 1. I . 5. 5	Electrical Mech	anical Logs (16 or plugging and the foregoing a	cement verific		6.	Core Analysis	3.				
33. Cire 1. I 5. 5	Electrical Mech Sundry Notice ( reby certify that	anical Logs (16 or plugging and the foregoing a	cement verifice		6.	Core Analysis	3.	Other:	ched instructions)*	,	
33. Cire 1. I 5. 5	Electrical Mech	anical Logs (16 or plugging and the foregoing a	cement verific		6.	Core Analysis	3.	Other:	ched instructions)*	,	
33. Cire 1. I 5. 5	Electrical Mech Sundry Notice ( reby certify that	anical Logs (16 or plugging and the foregoing a	cement verifice		6.	Core Analysis	3, mined from all avail	Other:	ched instructions)*		
33. Circ 1. I 5. 5	Electrical Mech Sundry Notice ( reby certify that	anical Logs (16 or plugging and the foregoing a	cement verifice		6.	Core Analysis	3. mined from all avai	Other:	ched instructions)*		
33. Circ 1. I 5. 5	Electrical Mech Sundry Notice I reby certify that ne (please print	anical Logs (16 or plugging and the foregoing a	cement verifice		6.	Core Analysis	3. mined from all avai	Other: llable records (see atta	ched instructions)*		
33. Circ 1. I 5. 5 34. I her Nam Sign	Electrical Mechanics Mechanics (Please print	cherr	ind attached int	formation is	6.	Core Analysis	3. mined from all available. Titl Da	Other:    Color	ched instructions)*		

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## Mudge LS 7N 30-045-32769

## New Drill (DK) Subsequent Report 10/24/05

10/3/05 RU WL UNIT; RAN CBL WITH 1000 PSI ON CSG. GOOD CMT JUST BELOW THE 7" CSG (@ 2729'). PRESSURE TESTED CSG TO 4500 PSI – 15 MINS – OK. RAN RST LOG. RD WL UNIT.

10/5/05 RU WL. TIH w/3.125" GUN & PERF DAKOTA FROM 6823' - 6991' @ 4 JSPF. . RD WL.

10/8/05 RU FRAC EQUIPMENT & FRAC WELL USING 115,500# 20/40 C-LITE SAND AND 65% QUALITY FOOAM & CLEAR FRAC. RD FRAC EQUIPMENT. RU FLOW BACK TREE.

10/9/05 FLOWED WELL THRU 8/64 CHOKE. FLOWING CASING PRESSURE WAS 2900 PSI.

10/10/05 INSTALLED A 12/64 CHOKE. FCP WAS 1985 PSI. ISNTALLED A 22/64 CHOKE – PRES DROPPED TO 2534 PSI.

10/11/05 INSTALLAED A48/64 CHOKE – FCP WAS 725 PSI. CONTINUED TO FLOW WELL THRU ¾" CHOKE. FCP WAS 165 PSI.

10/12/05 FCP WAS HOLDING @ 165 PSI.

10/13/05 FLOW TEST FCP WAS 165 PSI – 2.2 MMCFD. SHUT WELL IN & SECURED.

10/18/05 RU 2 – 3" FLOW LINES TO PIT. HOOK UP WELL & OPEN ON 1/4" CHOKE. RU EQUIPMENT. OPEN WELL TO FLARE PIT.

10/19/05 FLOWING TO FLARE PIT ON ¼' CHOKE. PUT ON ½" CHOKE – 1300 PSI. PUT ON ¾" CHOKE – 900 PSI. OPEN TO FLARE PIT. PUT ON 1" CHOKE – OPEN TO FLARE PIT W/ 400 PSI. FLOWED DOWN TO 100 PIS ON 1" CHOKE.

10/20/05 FLOWING TO FLARE PIT ON 2 – 2" LINES. SHUT FRAC VLAVE & CHANGE OUT BLIND RAM & RUBBERS. ND TREE, NU STRIPPER HEAD. MU BHA. PUMP ??? BBLS TO KILL WELL. TIH W/TBG OF TO ???. LAND TBG @ 7080'. ND BOP. ND FRAC VALE. NU BOP & MUD CROSS. TEST BOPS RAMS & BLINDS – GOOD TEST. RD TESTER. PULLED TBG HANGER. FLOWING @ 16 PSI ON 2 – 3" LINES – MAKING DRY GAS.

10/23/05 Conduct 12-hour production test on 3/4" choke at a rate of 2500 mcfd.

10/24/05 CLEAN OUT TO BPTD @7080'.

10/25/05 TIH & LAND 2 3/8" TBG @ 6976'. RIG DOWN MOVE LOCATION